



# **ANSCHUTZ EXPLORATION CORP.**

**RIO BLANCO COUNTY, COLORADO (NAD-83)  
MOHEE FED 0297-17-29  
14NH**

**OH  
PERMIT**

## **Anticollision Report**

**29 December, 2023**



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

<b>Reference</b>	PERMIT		
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
<b>Interpolation Method:</b>	MD + Stations Interval 50.00usft	<b>Error Model:</b>	ISCWSA
<b>Depth Range:</b>	Unlimited	<b>Scan Method:</b>	Closest Approach 3D
<b>Results Limited by:</b>	Maximum separation factor of 20.00	<b>Error Surface:</b>	Elliptical Conic
<b>Warning Levels Evaluated at:</b>	2.00 Sigma	<b>Casing Method:</b>	Not applied

<b>Survey Tool Program</b>	Date	12/28/23		
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.00	23,448.12	PERMIT (OH)	MWD+IGRF	OWSG MWD + IGRF or WMM

Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
<b>Summary</b>						
<b>Offset Well - Wellbore - Design</b>						
MOHEE FED 0297-17-29						
15NH - OH - PERMIT	1,721.40	1,721.50	41.13	29.30	3.478	CC
15NH - OH - PERMIT	1,750.00	1,749.87	41.33	29.30	3.435	ES
15NH - OH - PERMIT	23,448.12	23,286.58	1,327.30	784.73	2.446	SF
15WNH - OH - PERMIT	1,369.07	1,369.18	17.48	8.20	1.883	CC
15WNH - OH - PERMIT	1,400.00	1,400.16	17.54	8.04	1.847	ES
15WNH - OH - PERMIT	1,450.00	1,450.25	17.95	8.10	1.823	SF
16NH - OH - PERMIT	1,000.00	1,000.00	59.98	53.27	8.935	CC, ES
16NH - OH - PERMIT	23,448.12	23,284.31	2,646.80	2,105.62	4.891	SF
16WNH - OH - PERMIT	1,000.00	1,000.00	19.99	13.28	2.978	CC, ES
16WNH - OH - PERMIT	1,050.00	1,049.75	20.43	13.37	2.895	SF
OFFSET: CALDWELL #1-20 - Wellbore #1 - Wellbore #1	3,824.39	3,075.00	7,115.07	5,053.23	3.451	CC
OFFSET: CALDWELL #1-20 - Wellbore #1 - Wellbore #1	3,850.00	3,075.00	7,115.11	5,053.14	3.451	ES
OFFSET: CALDWELL #1-20 - Wellbore #1 - Wellbore #1	3,950.00	3,075.00	7,116.18	5,053.68	3.450	SF
OFFSET: COLOROW DEEP UNIT-GOV #2 - Wellbore #	11,868.94	10,834.10	501.30	-7,029.07	0.067	Level 1, CC, ES, SF
OFFSET: COLOROW UNIT #1 - Wellbore #1 - Wellbore	12,866.90	10,864.10	1,264.79	-6,244.33	0.168	Level 1, CC, SF
OFFSET: COLOROW UNIT #1 - Wellbore #1 - Wellbore	12,900.00	10,864.10	1,265.22	-6,244.41	0.168	Level 1, ES
OFFSET: FEDERAL #7-29 (OWP) - Wellbore #1 - Wellb	20,901.80	7,787.00	3,517.67	1,437.48	1.691	CC
OFFSET: FEDERAL #7-29 (OWP) - Wellbore #1 - Wellb	20,950.00	7,787.00	3,518.00	1,437.31	1.691	ES, SF
OFFSET: LLOYD-FEDERAL #22-X-17 - Wellbore #1 - W	9,533.50	9,259.35	842.87	-5,616.13	0.130	Level 1, CC
OFFSET: LLOYD-FEDERAL #22-X-17 - Wellbore #1 - W	10,618.11	10,321.60	870.88	-6,327.86	0.121	Level 1, ES, SF
OFFSET: PARKER UNIT #1A-20 - Wellbore #1 - Wellbor	18,647.50	10,703.10	1,890.06	-5,670.55	0.250	Level 1, CC
OFFSET: PARKER UNIT #1A-20 - Wellbore #1 - Wellbor	18,650.00	10,703.10	1,890.06	-5,670.60	0.250	Level 1, SF
OFFSET: PARKER UNIT #1A-20 - Wellbore #1 - Wellbor	18,700.00	10,703.10	1,890.79	-5,670.87	0.250	Level 1, ES
OFFSET: PIERCE-GOV'T #20-2 - Wellbore #1 - Wellbor	3,910.72	2,634.00	5,690.04	3,954.57	3.279	CC
OFFSET: PIERCE-GOV'T #20-2 - Wellbore #1 - Wellbor	3,950.00	2,634.00	5,690.18	3,954.53	3.278	ES
OFFSET: PIERCE-GOV'T #20-2 - Wellbore #1 - Wellbor	4,000.00	2,634.00	5,690.74	3,954.86	3.278	SF

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



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<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Summary						
Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
MOHEE FED 0297-17-8						
1NH - OH - PERMIT	1,000.00	1,000.00	39.99	33.28	5.958	CC, ES
1NH - OH - PERMIT	1,100.00	1,098.92	41.83	34.43	5.653	SF
2NH - OH/ PILOT - PERMIT	1,500.98	1,499.55	72.94	62.67	7.103	CC
2NH - OH/ PILOT - PERMIT	1,550.00	1,548.10	73.25	62.62	6.890	ES
2NH - OH/ PILOT - PERMIT	1,650.00	1,646.87	76.29	64.92	6.707	SF
3NH - OH - PERMIT	1,000.00	1,000.00	39.99	33.28	5.958	CC
3NH - OH - PERMIT	1,600.00	1,597.11	42.34	31.36	3.856	ES
3NH - OH - PERMIT	10,550.00	10,543.92	156.75	53.71	1.521	SF

Offset Design MOHEE FED 0297-17-29 - 15NH - OH - PERMIT												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
500.00	500.00	500.00	500.00	1.56	1.56	-42.060	44.53	-40.18	59.98	56.85	3.13	19.177	
550.00	550.00	550.00	550.00	1.74	1.74	-42.060	44.53	-40.18	59.98	56.49	3.49	17.205	
600.00	600.00	600.00	600.00	1.92	1.92	-42.060	44.53	-40.18	59.98	56.13	3.84	15.601	
650.00	650.00	650.00	650.00	2.10	2.10	-42.060	44.53	-40.18	59.98	55.77	4.20	14.270	
700.00	700.00	700.00	700.00	2.28	2.28	-42.060	44.53	-40.18	59.98	55.42	4.56	13.149	
750.00	750.00	750.00	750.00	2.46	2.46	-42.060	44.53	-40.18	59.98	55.06	4.92	12.191	
800.00	800.00	800.00	800.00	2.64	2.64	-42.060	44.53	-40.18	59.98	54.70	5.28	11.363	
850.00	850.00	850.00	850.00	2.82	2.82	-42.060	44.53	-40.18	59.98	54.34	5.64	10.640	
900.00	900.00	900.00	900.00	3.00	3.00	-42.060	44.53	-40.18	59.98	53.98	6.00	10.004	
950.00	950.00	950.00	950.00	3.18	3.18	-42.060	44.53	-40.18	59.98	53.62	6.35	9.440	
1,000.00	1,000.00	1,000.00	1,000.00	3.36	3.36	-42.060	44.53	-40.18	59.98	53.27	6.71	8.935	
1,050.00	1,050.00	1,050.00	1,050.00	3.53	3.54	66.072	44.53	-40.18	59.84	52.78	7.07	8.470	
1,100.00	1,099.99	1,099.99	1,099.99	3.70	3.71	66.942	44.53	-40.18	59.45	52.03	7.42	8.014	
1,150.00	1,149.96	1,149.96	1,149.96	3.87	3.89	68.416	44.53	-40.18	58.83	51.06	7.77	7.573	
1,200.00	1,199.91	1,199.91	1,199.91	4.04	4.07	70.528	44.53	-40.18	58.03	49.91	8.12	7.149	
1,250.00	1,249.82	1,250.02	1,250.02	4.22	4.24	73.019	44.28	-40.39	57.02	48.56	8.46	6.738	
1,300.00	1,299.69	1,300.16	1,300.15	4.39	4.42	75.609	43.52	-41.02	55.76	46.95	8.81	6.331	
1,350.00	1,349.51	1,350.31	1,350.27	4.57	4.58	78.348	42.25	-42.06	54.25	45.10	9.15	5.928	
1,400.00	1,399.27	1,400.47	1,400.38	4.75	4.75	81.291	40.47	-43.52	52.50	43.01	9.50	5.529	
1,450.00	1,448.96	1,450.64	1,450.46	4.93	4.92	84.507	38.19	-45.41	50.54	40.69	9.85	5.131	
1,500.00	1,498.57	1,500.82	1,500.51	5.12	5.09	88.077	35.39	-47.71	48.39	38.18	10.21	4.741	
1,550.00	1,548.10	1,550.99	1,550.49	5.31	5.26	92.104	32.09	-50.43	46.09	35.51	10.57	4.360	
1,600.00	1,597.54	1,600.80	1,600.10	5.50	5.43	96.990	28.55	-53.35	43.89	32.95	10.93	4.014	
1,650.00	1,646.87	1,650.56	1,649.64	5.71	5.61	103.189	25.02	-56.26	42.18	30.88	11.31	3.731	
1,700.00	1,696.09	1,700.25	1,699.12	5.91	5.78	110.645	21.49	-59.17	41.23	29.56	11.67	3.533	
1,721.40	1,717.12	1,721.50	1,720.28	6.00	5.86	114.159	19.98	-60.41	41.13	29.30	11.83	3.478	CC
1,750.00	1,745.19	1,749.87	1,748.54	6.13	5.96	119.073	17.96	-62.08	41.33	29.30	12.03	3.435	ES
1,776.96	1,771.62	1,776.60	1,775.15	6.24	6.06	123.843	16.06	-63.64	41.91	29.69	12.22	3.430	
1,800.00	1,794.18	1,799.43	1,797.88	6.35	6.14	127.886	14.44	-64.98	42.67	30.30	12.38	3.448	
1,850.00	1,843.15	1,848.97	1,847.21	6.57	6.32	136.079	10.92	-67.88	45.04	32.33	12.71	3.543	
1,900.00	1,892.12	1,898.52	1,896.55	6.80	6.50	143.335	7.40	-70.78	48.24	35.20	13.04	3.700	
1,950.00	1,941.09	1,948.06	1,945.88	7.03	6.69	149.614	3.88	-73.68	52.11	38.75	13.37	3.899	
2,000.00	1,990.06	1,997.61	1,995.21	7.26	6.87	154.979	0.36	-76.58	56.53	42.84	13.69	4.128	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

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<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - 15NH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
2,050.00	2,039.02	2,047.15	2,044.55	7.50	7.05	159.539	-3.16	-79.49	61.37	47.34	14.03	4.375			
2,100.00	2,087.99	2,096.69	2,093.88	7.74	7.24	163.418	-6.69	-82.39	66.54	52.17	14.37	4.632			
2,150.00	2,136.96	2,146.24	2,143.22	7.98	7.42	166.729	-10.21	-85.29	71.97	57.26	14.71	4.893			
2,200.00	2,185.93	2,195.78	2,192.55	8.22	7.61	169.569	-13.73	-88.19	77.60	62.55	15.05	5.155			
2,250.00	2,234.90	2,245.33	2,241.88	8.47	7.80	172.022	-17.25	-91.09	83.40	68.00	15.41	5.414			
2,300.00	2,283.87	2,294.87	2,291.22	8.71	7.99	174.154	-20.77	-93.99	89.33	73.57	15.76	5.669			
2,350.00	2,332.84	2,344.42	2,340.55	8.96	8.17	176.020	-24.29	-96.89	95.37	79.25	16.12	5.917			
2,400.00	2,381.81	2,393.96	2,389.88	9.21	8.36	177.662	-27.81	-99.80	101.50	85.02	16.48	6.160			
2,450.00	2,430.78	2,443.50	2,439.22	9.46	8.55	179.117	-31.33	-102.70	107.69	90.85	16.84	6.395			
2,500.00	2,479.75	2,493.05	2,488.55	9.71	8.74	-179.586	-34.85	-105.60	113.95	96.75	17.20	6.623			
2,550.00	2,528.72	2,542.59	2,537.88	9.96	8.93	-178.425	-38.37	-108.50	120.26	102.69	17.57	6.844			
2,600.00	2,577.69	2,592.14	2,587.22	10.22	9.12	-177.380	-41.89	-111.40	126.62	108.68	17.94	7.057			
2,650.00	2,626.65	2,641.68	2,636.55	10.47	9.32	-176.435	-45.41	-114.30	133.01	114.70	18.31	7.263			
2,700.00	2,675.62	2,691.22	2,685.89	10.73	9.51	-175.576	-48.93	-117.20	139.44	120.75	18.68	7.468			
2,750.00	2,724.59	2,740.77	2,735.22	10.98	9.70	-174.793	-52.46	-120.11	145.89	126.83	19.06	7.655			
2,800.00	2,773.56	2,790.31	2,784.55	11.24	9.89	-174.077	-55.98	-123.01	152.37	132.93	19.43	7.841			
2,850.00	2,822.53	2,839.86	2,833.89	11.50	10.08	-173.419	-59.50	-125.91	158.86	139.06	19.81	8.020			
2,900.00	2,871.50	2,889.40	2,883.22	11.76	10.28	-172.813	-63.02	-128.81	165.38	145.20	20.19	8.193			
2,950.00	2,920.47	2,938.94	2,932.55	12.02	10.47	-172.252	-66.54	-131.71	171.92	151.35	20.56	8.360			
3,000.00	2,969.44	2,988.49	2,981.89	12.28	10.66	-171.733	-70.06	-134.61	178.47	157.52	20.94	8.521			
3,050.00	3,018.41	3,038.03	3,031.22	12.54	10.86	-171.251	-73.58	-137.52	185.03	163.71	21.32	8.677			
3,100.00	3,067.38	3,087.58	3,080.55	12.80	11.05	-170.801	-77.10	-140.42	191.61	169.90	21.70	8.828			
3,150.00	3,116.35	3,137.12	3,129.89	13.06	11.24	-170.382	-80.62	-143.32	198.19	176.11	22.09	8.974			
3,200.00	3,165.32	3,186.67	3,179.22	13.32	11.44	-169.989	-84.14	-146.22	204.79	182.32	22.47	9.115			
3,250.00	3,214.28	3,236.21	3,228.56	13.58	11.63	-169.621	-87.66	-149.12	211.39	188.54	22.85	9.251			
3,300.00	3,263.25	3,285.75	3,277.89	13.84	11.83	-169.275	-91.18	-152.02	218.00	194.77	23.23	9.383			
3,350.00	3,312.22	3,335.30	3,327.22	14.11	12.02	-168.950	-94.71	-154.92	224.62	201.01	23.62	9.511			
3,400.00	3,361.19	3,384.84	3,376.56	14.37	12.22	-168.643	-98.23	-157.83	231.25	207.25	24.00	9.634			
3,450.00	3,410.16	3,434.39	3,425.89	14.63	12.41	-168.353	-101.75	-160.73	237.88	213.50	24.39	9.754			
3,500.00	3,459.13	3,483.93	3,475.22	14.90	12.61	-168.079	-105.27	-163.63	244.52	219.75	24.77	9.870			
3,550.00	3,508.10	3,533.47	3,524.56	15.16	12.80	-167.819	-108.79	-166.53	251.17	226.01	25.16	9.983			
3,600.00	3,557.07	3,583.02	3,573.89	15.43	13.00	-167.573	-112.31	-169.43	257.82	232.27	25.55	10.092			
3,650.00	3,606.04	3,632.56	3,623.22	15.69	13.19	-167.339	-115.83	-172.33	264.47	238.54	25.93	10.198			
3,700.00	3,655.01	3,682.11	3,672.56	15.96	13.39	-167.117	-119.35	-175.23	271.13	244.81	26.32	10.301			
3,750.00	3,703.98	3,731.65	3,721.89	16.22	13.59	-166.905	-122.87	-178.14	277.79	251.08	26.71	10.401			
3,800.00	3,752.95	3,781.20	3,771.23	16.49	13.78	-166.704	-126.39	-181.04	284.45	257.36	27.10	10.498			
3,850.00	3,801.92	3,830.74	3,820.56	16.75	13.98	-166.511	-129.91	-183.94	291.12	263.64	27.48	10.592			
3,900.00	3,850.88	3,880.28	3,869.89	17.02	14.17	-166.327	-133.43	-186.84	297.79	269.92	27.87	10.684			
3,950.00	3,899.85	3,929.83	3,919.23	17.29	14.37	-166.151	-136.95	-189.74	304.46	276.20	28.26	10.773			
4,000.00	3,948.82	3,979.37	3,968.56	17.55	14.57	-165.983	-140.48	-192.64	311.14	282.49	28.65	10.860			
4,050.00	3,997.79	4,028.92	4,017.89	17.82	14.76	-165.822	-144.00	-195.54	317.82	288.78	29.04	10.944			
4,100.00	4,046.76	4,078.46	4,067.23	18.08	14.96	-165.667	-147.52	-198.45	324.50	295.07	29.43	11.026			
4,150.00	4,095.73	4,128.00	4,116.56	18.35	15.16	-165.519	-151.04	-201.35	331.18	301.36	29.82	11.106			
4,200.00	4,144.70	4,177.55	4,165.89	18.62	15.35	-165.377	-154.56	-204.25	337.87	307.66	30.21	11.184			
4,250.00	4,193.67	4,227.09	4,215.23	18.89	15.55	-165.240	-158.08	-207.15	344.56	313.96	30.60	11.260			
4,300.00	4,242.64	4,276.64	4,264.56	19.15	15.75	-165.108	-161.60	-210.05	351.25	320.26	30.99	11.334			
4,350.00	4,291.61	4,326.18	4,313.90	19.42	15.95	-164.981	-165.12	-212.95	357.94	326.56	31.38	11.406			
4,400.00	4,340.58	4,375.72	4,363.23	19.69	16.14	-164.859	-168.64	-215.86	364.63	332.86	31.77	11.476			
4,450.00	4,389.55	4,425.27	4,412.56	19.96	16.34	-164.741	-172.16	-218.76	371.33	339.16	32.17	11.544			
4,500.00	4,438.51	4,474.81	4,461.90	20.22	16.54	-164.628	-175.68	-221.66	378.02	345.47	32.56	11.611			
4,550.00	4,487.48	4,524.36	4,511.23	20.49	16.74	-164.518	-179.20	-224.56	384.72	351.77	32.95	11.676			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-29 - 15NH - OH - PERMIT														Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance				Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
4,600.00	4,536.45	4,573.90	4,560.56	20.76	16.93	-164.412	-182.72	-227.46	391.42	358.08	33.34	11.740			
4,650.00	4,585.42	4,623.45	4,609.90	21.03	17.13	-164.310	-186.25	-230.36	398.12	364.39	33.73	11.802			
4,700.00	4,634.39	4,672.99	4,659.23	21.30	17.33	-164.211	-189.77	-233.26	404.82	370.69	34.13	11.863			
4,750.00	4,683.36	4,722.53	4,708.56	21.57	17.53	-164.115	-193.29	-236.17	411.52	377.00	34.52	11.922			
4,800.00	4,732.33	4,772.08	4,757.90	21.83	17.72	-164.022	-196.81	-239.07	418.23	383.32	34.91	11.980			
4,850.00	4,781.30	4,821.62	4,807.23	22.10	17.92	-163.933	-200.33	-241.97	424.93	389.63	35.30	12.036			
4,900.00	4,830.27	4,871.17	4,856.57	22.37	18.12	-163.846	-203.85	-244.87	431.64	395.94	35.70	12.092			
4,950.00	4,879.24	4,920.71	4,905.90	22.64	18.32	-163.761	-207.37	-247.77	438.34	402.25	36.09	12.146			
5,000.00	4,928.21	4,970.25	4,955.23	22.91	18.51	-163.680	-210.89	-250.67	445.05	408.57	36.48	12.199			
5,050.00	4,977.18	5,019.80	5,004.57	23.18	18.71	-163.600	-214.41	-253.57	451.76	414.88	36.88	12.251			
5,100.00	5,026.14	5,069.34	5,053.90	23.45	18.91	-163.523	-217.93	-256.48	458.47	421.20	37.27	12.301			
5,150.00	5,075.11	5,118.89	5,103.23	23.72	19.11	-163.449	-221.45	-259.38	465.18	427.51	37.66	12.351			
5,200.00	5,124.08	5,168.43	5,152.57	23.98	19.31	-163.376	-224.97	-262.28	471.89	433.83	38.06	12.399			
5,250.00	5,173.05	5,217.98	5,201.90	24.25	19.50	-163.305	-228.49	-265.18	478.60	440.15	38.45	12.447			
5,300.00	5,222.02	5,267.52	5,251.23	24.52	19.70	-163.237	-232.02	-268.08	485.31	446.47	38.84	12.494			
5,350.00	5,270.99	5,317.06	5,300.57	24.79	19.90	-163.170	-235.54	-270.98	492.02	452.78	39.24	12.539			
5,400.00	5,319.96	5,366.61	5,349.90	25.06	20.10	-163.105	-239.06	-273.88	498.74	459.10	39.63	12.584			
5,450.00	5,368.93	5,416.15	5,399.24	25.33	20.30	-163.042	-242.58	-276.79	505.45	465.42	40.03	12.628			
5,500.00	5,417.90	5,465.70	5,448.57	25.60	20.50	-162.980	-246.10	-279.69	512.17	471.74	40.42	12.671			
5,550.00	5,466.87	5,515.24	5,497.90	25.87	20.69	-162.920	-249.62	-282.59	518.88	478.06	40.82	12.713			
5,600.00	5,515.84	5,564.78	5,547.24	26.14	20.89	-162.862	-253.14	-285.49	525.60	484.39	41.21	12.754			
5,650.00	5,564.81	5,614.33	5,596.57	26.41	21.09	-162.805	-256.66	-288.39	532.31	490.71	41.61	12.794			
5,700.00	5,613.78	5,663.87	5,645.90	26.68	21.29	-162.749	-260.18	-291.29	539.03	497.03	42.00	12.834			
5,750.00	5,662.74	5,713.42	5,695.24	26.95	21.49	-162.695	-263.70	-294.20	545.75	503.35	42.40	12.873			
5,800.00	5,711.71	5,762.96	5,744.57	27.22	21.69	-162.642	-267.22	-297.10	552.46	509.67	42.79	12.911			
5,850.00	5,760.68	5,812.50	5,793.90	27.49	21.88	-162.590	-270.74	-300.00	559.18	516.00	43.18	12.949			
5,900.00	5,809.65	5,862.05	5,843.24	27.76	22.08	-162.540	-274.27	-302.90	565.90	522.32	43.58	12.985			
5,950.00	5,858.62	5,911.59	5,892.57	28.03	22.28	-162.491	-277.79	-305.80	572.62	528.64	43.98	13.021			
6,000.00	5,907.59	5,961.14	5,941.91	28.30	22.48	-162.443	-281.31	-308.70	579.34	534.97	44.37	13.057			
6,050.00	5,956.56	6,010.68	5,991.24	28.57	22.68	-162.396	-284.83	-311.60	586.06	541.29	44.77	13.092			
6,100.00	6,005.53	6,060.23	6,040.57	28.84	22.88	-162.350	-288.35	-314.51	592.78	547.62	45.16	13.126			
6,150.00	6,054.50	6,109.77	6,089.91	29.11	23.08	-162.305	-291.87	-317.41	599.50	553.94	45.56	13.159			
6,200.00	6,103.47	6,159.31	6,139.24	29.38	23.27	-162.261	-295.39	-320.31	606.22	560.27	45.95	13.192			
6,250.00	6,152.44	6,208.86	6,188.57	29.65	23.47	-162.218	-298.91	-323.21	612.94	566.59	46.35	13.225			
6,300.00	6,201.41	6,258.40	6,237.91	29.92	23.67	-162.176	-302.43	-326.11	619.66	572.92	46.74	13.257			
6,350.00	6,250.37	6,307.95	6,287.24	30.19	23.87	-162.135	-305.95	-329.01	626.38	579.24	47.14	13.288			
6,400.00	6,299.34	6,357.49	6,336.57	30.46	24.07	-162.095	-309.47	-331.91	633.11	585.57	47.53	13.319			
6,450.00	6,348.31	6,407.03	6,385.91	30.73	24.27	-162.056	-312.99	-334.82	639.83	591.90	47.93	13.349			
6,500.00	6,397.28	6,456.58	6,435.24	31.00	24.47	-162.017	-316.51	-337.72	646.55	598.22	48.33	13.379			
6,550.00	6,446.25	6,506.12	6,484.58	31.28	24.67	-161.979	-320.04	-340.62	653.27	604.55	48.72	13.408			
6,600.00	6,495.22	6,555.67	6,533.91	31.55	24.86	-161.942	-323.56	-343.52	660.00	610.88	49.12	13.437			
6,650.00	6,544.19	6,605.21	6,583.24	31.82	25.06	-161.906	-327.08	-346.42	666.72	617.21	49.51	13.465			
6,700.00	6,593.16	6,654.76	6,632.58	32.09	25.26	-161.871	-330.60	-349.32	673.44	623.53	49.91	13.493			
6,750.00	6,642.13	6,704.30	6,681.91	32.36	25.46	-161.836	-334.12	-352.23	680.17	629.86	50.31	13.520			
6,800.00	6,691.10	6,753.84	6,731.24	32.63	25.66	-161.802	-337.64	-355.13	686.89	636.19	50.70	13.547			
6,850.00	6,740.07	6,803.39	6,780.58	32.90	25.86	-161.768	-341.16	-358.03	693.62	642.52	51.10	13.574			
6,900.00	6,789.04	6,852.93	6,829.91	33.17	26.06	-161.735	-344.68	-360.93	700.34	648.85	51.50	13.600			
6,950.00	6,838.01	6,902.48	6,879.24	33.44	26.26	-161.703	-348.20	-363.83	707.07	655.18	51.89	13.626			
7,000.00	6,886.97	6,952.02	6,928.58	33.71	26.46	-161.671	-351.72	-366.73	713.79	661.50	52.29	13.651			
7,050.00	6,935.94	7,001.56	6,977.91	33.98	26.66	-161.640	-355.24	-369.63	720.52	667.83	52.68	13.676			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - 15NH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
7,100.00	6,984.91	7,051.11	7,027.24	34.25	26.85	-161.610	-358.76	-372.54	727.24	674.16	53.08	13.701			
7,150.00	7,033.88	7,100.65	7,076.58	34.52	27.05	-161.580	-362.28	-375.44	733.97	680.49	53.48	13.725			
7,200.00	7,082.85	7,150.20	7,125.91	34.79	27.25	-161.551	-365.81	-378.34	740.70	686.82	53.87	13.749			
7,250.00	7,131.82	7,199.74	7,175.25	35.07	27.45	-161.522	-369.33	-381.24	747.42	693.15	54.27	13.772			
7,300.00	7,180.79	7,249.28	7,224.58	35.34	27.65	-161.494	-372.85	-384.14	754.15	699.48	54.67	13.795			
7,350.00	7,229.76	7,298.83	7,273.91	35.61	27.85	-161.466	-376.37	-387.04	760.87	705.81	55.06	13.818			
7,400.00	7,278.73	7,348.37	7,323.25	35.88	28.05	-161.439	-379.89	-389.94	767.60	712.14	55.46	13.840			
7,450.00	7,327.70	7,397.92	7,372.58	36.15	28.25	-161.412	-383.41	-392.85	774.33	718.47	55.86	13.863			
7,500.00	7,376.67	7,447.46	7,421.91	36.42	28.45	-161.385	-386.93	-395.75	781.05	724.80	56.25	13.884			
7,550.00	7,425.64	7,497.01	7,471.25	36.69	28.65	-161.360	-390.45	-398.65	787.78	731.13	56.65	13.906			
7,600.00	7,474.60	7,546.55	7,520.58	36.96	28.85	-161.334	-393.97	-401.55	794.51	737.46	57.05	13.927			
7,650.00	7,523.57	7,596.09	7,569.91	37.23	29.04	-161.309	-397.49	-404.45	801.24	743.79	57.45	13.948			
7,700.00	7,572.54	7,645.64	7,619.25	37.51	29.24	-161.284	-401.01	-407.35	807.96	750.12	57.84	13.968			
7,750.00	7,621.51	7,695.18	7,668.58	37.78	29.44	-161.260	-404.53	-410.25	814.69	756.45	58.24	13.989			
7,800.00	7,670.48	7,744.73	7,717.92	38.05	29.64	-161.236	-408.06	-413.16	821.42	762.78	58.64	14.009			
7,850.00	7,719.45	7,794.27	7,767.25	38.32	29.84	-161.213	-411.58	-416.06	828.15	769.12	59.03	14.029			
7,900.00	7,768.42	7,843.81	7,816.58	38.59	30.04	-161.190	-415.10	-418.96	834.88	775.45	59.43	14.048			
7,950.00	7,817.39	7,893.36	7,866.92	38.86	30.24	-161.167	-418.62	-421.86	841.60	781.78	59.83	14.067			
8,000.00	7,866.36	7,942.90	7,915.25	39.13	30.44	-161.145	-422.14	-424.76	848.33	788.11	60.22	14.086			
8,050.00	7,915.33	7,992.45	7,964.58	39.40	30.64	-161.123	-425.66	-427.66	855.06	794.44	60.62	14.105			
8,100.00	7,964.30	8,041.99	8,013.92	39.68	30.84	-161.101	-429.18	-430.57	861.79	800.77	61.02	14.123			
8,150.00	8,013.27	8,091.53	8,063.25	39.95	31.04	-161.080	-432.70	-433.47	868.52	807.10	61.42	14.142			
8,200.00	8,062.23	8,141.08	8,112.58	40.22	31.24	-161.059	-436.22	-436.37	875.25	813.43	61.81	14.160			
8,250.00	8,111.20	8,190.62	8,161.92	40.49	31.44	-161.038	-439.74	-439.27	881.98	819.77	62.21	14.177			
8,300.00	8,160.17	8,240.17	8,211.25	40.76	31.63	-161.018	-443.26	-442.17	888.71	826.10	62.61	14.195			
8,350.00	8,209.14	8,289.71	8,260.59	41.03	31.83	-160.998	-446.78	-445.07	895.44	832.43	63.01	14.212			
8,400.00	8,258.11	8,339.26	8,309.92	41.30	32.03	-160.978	-450.30	-447.97	902.17	838.76	63.40	14.229			
8,450.00	8,307.08	8,388.80	8,359.25	41.57	32.23	-160.959	-453.83	-450.88	908.89	845.09	63.80	14.246			
8,500.00	8,356.05	8,438.34	8,408.59	41.85	32.43	-160.939	-457.35	-453.78	915.62	851.43	64.20	14.263			
8,550.00	8,405.02	8,487.89	8,457.92	42.12	32.63	-160.921	-460.87	-456.68	922.35	857.76	64.59	14.279			
8,600.00	8,453.99	8,537.43	8,507.25	42.39	32.83	-160.902	-464.39	-459.58	929.08	864.09	64.99	14.295			
8,650.00	8,502.96	8,586.98	8,556.59	42.66	33.03	-160.884	-467.91	-462.48	935.81	870.42	65.39	14.311			
8,700.00	8,551.93	8,636.52	8,605.92	42.93	33.23	-160.866	-471.43	-465.38	942.54	876.76	65.79	14.327			
8,750.00	8,600.90	8,686.06	8,655.25	43.20	33.43	-160.848	-474.95	-468.28	949.27	883.09	66.19	14.343			
8,800.00	8,649.87	8,735.61	8,704.59	43.47	33.63	-160.830	-478.47	-471.19	956.00	889.42	66.58	14.358			
8,850.00	8,698.83	8,785.15	8,753.92	43.75	33.83	-160.813	-481.99	-474.09	962.73	895.75	66.98	14.373			
8,900.00	8,747.80	8,834.70	8,803.26	44.02	34.03	-160.796	-485.51	-476.99	969.46	902.09	67.38	14.388			
8,950.00	8,796.77	8,884.24	8,852.59	44.29	34.23	-160.779	-489.03	-479.89	976.19	908.42	67.78	14.403			
9,000.00	8,845.74	8,933.79	8,901.92	44.56	34.43	-160.762	-492.55	-482.79	982.93	914.75	68.17	14.418			
9,050.00	8,894.71	8,983.33	8,951.26	44.83	34.63	-160.746	-496.07	-485.69	989.66	921.08	68.57	14.433			
9,100.00	8,943.68	9,032.87	9,000.59	45.10	34.82	-160.730	-499.60	-488.59	996.39	927.42	68.97	14.447			
9,150.00	8,992.65	9,082.42	9,049.92	45.38	35.02	-160.714	-503.12	-491.50	1,003.12	933.75	69.37	14.461			
9,200.00	9,041.62	9,131.96	9,099.26	45.65	35.22	-160.698	-506.64	-494.40	1,009.85	940.08	69.76	14.475			
9,250.00	9,090.59	9,181.51	9,148.59	45.92	35.42	-160.682	-510.16	-497.30	1,016.58	946.42	70.16	14.489			
9,300.00	9,139.56	9,231.05	9,197.92	46.19	35.62	-160.667	-513.68	-500.20	1,023.31	952.75	70.56	14.503			
9,350.00	9,188.53	9,280.59	9,247.26	46.46	35.82	-160.652	-517.20	-503.10	1,030.04	959.08	70.96	14.516			
9,400.00	9,237.50	9,330.14	9,296.59	46.73	36.02	-160.637	-520.72	-506.00	1,036.77	965.42	71.36	14.530			
9,450.00	9,286.46	9,379.68	9,345.93	47.01	36.22	-160.622	-524.24	-508.91	1,043.50	971.75	71.75	14.543			
9,500.00	9,335.43	9,429.23	9,395.26	47.28	36.42	-160.608	-527.76	-511.81	1,050.23	978.08	72.15	14.556			
9,550.00	9,384.40	9,478.77	9,444.59	47.55	36.62	-160.593	-531.28	-514.71	1,056.97	984.42	72.55	14.569			
9,600.00	9,433.37	9,528.31	9,493.93	47.82	36.82	-160.579	-534.80	-517.61	1,063.70	990.75	72.95	14.582			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design														MOHEE FED 0297-17-29 - 15NH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF															Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning			
9,650.00	9,482.34	9,577.86	9,543.26	48.09	37.02	-160.565	-538.32	-520.51	1,070.43	997.08	73.35	14.594				
9,700.00	9,531.31	9,627.40	9,592.59	48.36	37.22	-160.551	-541.84	-523.41	1,077.16	1,003.42	73.74	14.607				
9,750.00	9,580.28	9,676.95	9,641.93	48.64	37.42	-160.538	-545.37	-526.31	1,083.89	1,009.75	74.14	14.619				
9,800.00	9,629.25	9,726.49	9,691.26	48.91	37.62	-160.524	-548.89	-529.22	1,090.62	1,016.08	74.54	14.632				
9,850.00	9,678.22	9,776.04	9,740.59	49.18	37.82	-160.511	-552.41	-532.12	1,097.35	1,022.42	74.94	14.644				
9,900.00	9,727.19	9,825.58	9,789.93	49.45	38.02	-160.498	-555.93	-535.02	1,104.09	1,028.75	75.34	14.656				
9,950.00	9,776.16	9,875.12	9,839.26	49.72	38.22	-160.485	-559.45	-537.92	1,110.82	1,035.08	75.73	14.667				
10,000.00	9,825.13	9,924.67	9,888.60	49.99	38.42	-160.472	-562.97	-540.82	1,117.55	1,041.42	76.13	14.679				
10,050.00	9,874.09	9,974.21	9,937.93	50.27	38.62	-160.459	-566.49	-543.72	1,124.28	1,047.75	76.53	14.691				
10,100.00	9,923.06	10,023.76	9,987.26	50.54	38.81	-160.447	-570.01	-546.62	1,131.01	1,054.09	76.93	14.702				
10,150.00	9,972.03	10,073.30	10,036.60	50.81	39.01	-160.434	-573.53	-549.53	1,137.75	1,060.42	77.33	14.714				
10,200.00	10,021.00	10,122.84	10,085.93	51.08	39.21	-160.422	-577.05	-552.43	1,144.48	1,066.75	77.72	14.725				
10,250.00	10,069.97	10,172.39	10,135.26	51.35	39.41	-160.410	-580.57	-555.33	1,151.21	1,073.09	78.12	14.736				
10,300.00	10,118.94	10,221.93	10,184.60	51.62	39.61	-160.398	-584.09	-558.23	1,157.94	1,079.42	78.52	14.747				
10,350.00	10,167.91	10,271.48	10,233.93	51.90	39.81	-160.386	-587.62	-561.13	1,164.67	1,085.75	78.92	14.758				
10,400.00	10,216.88	10,321.02	10,283.26	52.17	40.01	-160.374	-591.14	-564.03	1,171.41	1,092.09	79.32	14.769				
10,450.00	10,265.85	10,370.57	10,332.60	52.44	40.21	-160.363	-594.66	-566.94	1,178.14	1,098.42	79.72	14.779				
10,500.00	10,314.82	10,420.11	10,381.93	52.71	40.41	-160.351	-598.18	-569.84	1,184.87	1,104.76	80.11	14.790				
10,550.00	10,363.79	10,471.59	10,433.17	52.98	40.62	-160.328	-602.07	-572.87	1,191.59	1,111.06	80.53	14.798				
10,600.00	10,412.76	10,527.26	10,488.12	53.25	40.87	-160.118	-610.11	-576.46	1,198.12	1,117.10	81.02	14.788				
10,618.11	10,430.50	10,547.18	10,507.57	53.35	40.97	-159.983	-614.21	-577.84	1,200.42	1,119.21	81.22	14.781				
10,650.00	10,461.64	10,581.92	10,541.11	53.53	41.15	-147.440	-622.88	-580.37	1,204.49	1,122.83	81.66	14.750				
10,700.00	10,509.99	10,635.73	10,591.90	53.83	41.45	-133.212	-640.09	-584.54	1,210.94	1,128.52	82.42	14.692				
10,750.00	10,557.44	10,688.73	10,640.21	54.14	41.77	-123.690	-661.39	-588.94	1,217.46	1,134.20	83.26	14.622				
10,800.00	10,603.67	10,740.95	10,685.78	54.47	42.11	-117.003	-686.44	-593.53	1,224.01	1,139.83	84.18	14.541				
10,850.00	10,648.37	10,792.40	10,728.37	54.81	42.47	-112.037	-714.89	-598.26	1,230.54	1,145.38	85.15	14.451				
10,900.00	10,691.23	10,843.13	10,767.82	55.17	42.84	-108.170	-746.39	-603.09	1,237.00	1,150.82	86.18	14.354				
10,950.00	10,731.95	10,893.16	10,803.97	55.53	43.23	-105.004	-780.60	-607.98	1,243.36	1,156.13	87.23	14.254				
11,000.00	10,770.26	10,942.53	10,836.73	55.91	43.64	-102.435	-817.19	-612.91	1,249.57	1,161.27	88.30	14.152				
11,050.00	10,805.89	10,991.27	10,866.02	56.29	44.06	-100.222	-855.83	-617.83	1,255.57	1,166.22	89.36	14.051				
11,100.00	10,838.59	11,039.43	10,891.77	56.68	44.50	-98.315	-896.22	-622.71	1,261.34	1,170.94	90.40	13.953				
11,150.00	10,868.14	11,087.03	10,913.97	57.08	44.95	-96.657	-938.04	-627.54	1,266.82	1,175.42	91.40	13.860				
11,200.00	10,894.34	11,134.12	10,932.59	57.48	45.41	-95.210	-981.01	-632.28	1,271.98	1,179.62	92.36	13.772				
11,250.00	10,917.01	11,180.73	10,947.66	57.89	45.88	-93.949	-1,024.85	-636.91	1,276.77	1,183.51	93.26	13.690				
11,300.00	10,935.99	11,226.88	10,959.19	58.31	46.36	-92.855	-1,069.31	-641.40	1,281.16	1,187.05	94.11	13.614				
11,350.00	10,951.16	11,272.61	10,967.21	58.73	46.84	-91.917	-1,114.11	-645.74	1,285.11	1,190.21	94.90	13.542				
11,400.00	10,962.40	11,317.96	10,971.78	59.15	47.33	-91.125	-1,159.02	-649.91	1,288.59	1,192.97	95.62	13.476				
11,450.00	10,969.64	11,356.30	10,973.00	59.57	47.74	-90.510	-1,197.18	-653.32	1,291.59	1,195.37	96.23	13.422				
11,500.00	10,972.84	11,400.00	10,973.00	60.00	48.22	-90.073	-1,240.75	-656.79	1,294.31	1,197.45	96.86	13.362				
11,514.23	10,973.00	11,400.00	10,973.00	60.12	48.22	-90.000	-1,240.75	-656.79	1,295.06	1,198.16	96.90	13.365				
11,550.00	10,973.00	11,430.07	10,973.00	60.42	48.56	-90.000	-1,270.75	-658.80	1,296.84	1,199.50	97.33	13.324				
11,600.00	10,973.00	11,464.45	10,973.00	60.85	48.95	-90.000	-1,305.07	-660.71	1,299.11	1,201.28	97.83	13.279				
11,650.00	10,973.00	11,500.00	10,973.00	61.27	49.35	-90.000	-1,340.59	-662.24	1,301.11	1,202.76	98.35	13.230				
11,700.00	10,973.00	11,538.73	10,973.00	61.71	49.81	-90.000	-1,379.31	-663.48	1,302.80	1,203.90	98.89	13.174				
11,750.00	10,973.00	11,588.72	10,973.00	62.13	50.40	-90.000	-1,429.27	-664.96	1,303.74	1,204.16	99.58	13.092				
11,773.11	10,973.00	11,611.84	10,973.00	62.33	50.67	-90.000	-1,452.38	-665.65	1,303.88	1,203.98	99.90	13.052				
11,800.00	10,973.00	11,638.72	10,973.00	62.57	51.00	-90.000	-1,479.25	-666.45	1,303.93	1,203.40	100.53	12.970				
11,850.00	10,973.00	11,688.72	10,973.00	63.01	51.62	-90.000	-1,529.23	-667.94	1,304.03	1,202.30	101.73	12.818				
11,900.00	10,973.00	11,738.72	10,973.00	63.46	52.25	-90.000	-1,579.21	-669.43	1,304.13	1,201.18	102.95	12.668				
11,950.00	10,973.00	11,788.72	10,973.00	63.93	52.89	-90.000	-1,629.18	-670.92	1,304.23	1,200.03	104.20	12.516				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - 15NH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
12,000.00	10,973.00	11,838.72	10,973.00	64.40	53.55	-90.000	-1,679.16	-672.41	1,304.33	1,198.86	105.47	12.366			
12,050.00	10,973.00	11,888.72	10,973.00	64.89	54.22	-90.000	-1,729.14	-673.90	1,304.43	1,197.66	106.77	12.217			
12,100.00	10,973.00	11,938.72	10,973.00	65.40	54.90	-90.000	-1,779.12	-675.39	1,304.53	1,196.44	108.09	12.069			
12,150.00	10,973.00	11,988.72	10,973.00	65.91	55.58	-90.000	-1,829.09	-676.88	1,304.63	1,195.19	109.44	11.921			
12,200.00	10,973.00	12,038.72	10,973.00	66.43	56.28	-90.000	-1,879.07	-678.37	1,304.73	1,193.93	110.80	11.775			
12,250.00	10,973.00	12,088.72	10,973.00	66.97	56.99	-90.000	-1,929.05	-679.86	1,304.83	1,192.64	112.19	11.630			
12,300.00	10,973.00	12,138.72	10,973.00	67.51	57.71	-90.000	-1,979.03	-681.35	1,304.93	1,191.34	113.60	11.488			
12,350.00	10,973.00	12,188.72	10,973.00	68.07	58.43	-90.000	-2,029.01	-682.84	1,305.03	1,190.01	115.02	11.346			
12,400.00	10,973.00	12,238.72	10,973.00	68.64	59.17	-90.000	-2,078.98	-684.33	1,305.13	1,188.67	116.47	11.206			
12,450.00	10,973.00	12,288.72	10,973.00	69.22	59.91	-90.000	-2,128.96	-685.82	1,305.24	1,187.30	117.93	11.068			
12,500.00	10,973.00	12,338.72	10,973.00	69.81	60.67	-90.000	-2,178.94	-687.31	1,305.34	1,185.92	119.41	10.931			
12,550.00	10,973.00	12,388.72	10,973.00	70.41	61.43	-90.000	-2,228.92	-688.80	1,305.44	1,184.53	120.91	10.797			
12,600.00	10,973.00	12,438.72	10,973.00	71.01	62.20	-90.000	-2,278.89	-690.29	1,305.54	1,183.11	122.42	10.664			
12,650.00	10,973.00	12,488.72	10,973.00	71.63	62.97	-90.000	-2,328.87	-691.78	1,305.64	1,181.68	123.95	10.533			
12,700.00	10,973.00	12,538.72	10,973.00	72.26	63.76	-90.000	-2,378.85	-693.27	1,305.74	1,180.24	125.49	10.405			
12,750.00	10,973.00	12,588.72	10,973.00	72.90	64.54	-90.000	-2,428.83	-694.76	1,305.84	1,178.78	127.05	10.278			
12,800.00	10,973.00	12,638.72	10,973.00	73.54	65.34	-90.000	-2,478.80	-696.25	1,305.94	1,177.31	128.63	10.153			
12,850.00	10,973.00	12,688.72	10,973.00	74.20	66.14	-90.000	-2,528.78	-697.74	1,306.04	1,175.82	130.21	10.030			
12,900.00	10,973.00	12,738.72	10,973.00	74.86	66.95	-90.000	-2,578.76	-699.23	1,306.14	1,174.33	131.81	9.909			
12,950.00	10,973.00	12,788.72	10,973.00	75.53	67.76	-90.000	-2,628.74	-700.72	1,306.24	1,172.82	133.42	9.790			
13,000.00	10,973.00	12,838.72	10,973.00	76.21	68.59	-90.000	-2,678.72	-702.21	1,306.34	1,171.30	135.04	9.673			
13,050.00	10,973.00	12,888.72	10,973.00	76.90	69.41	-90.000	-2,728.69	-703.70	1,306.44	1,169.76	136.68	9.558			
13,100.00	10,973.00	12,938.72	10,973.00	77.59	70.24	-90.000	-2,778.67	-705.19	1,306.54	1,168.22	138.32	9.445			
13,150.00	10,973.00	12,988.72	10,973.00	78.30	71.08	-90.000	-2,828.65	-706.68	1,306.64	1,166.66	139.98	9.334			
13,200.00	10,973.00	13,038.72	10,973.00	79.00	71.92	-90.000	-2,878.63	-708.17	1,306.74	1,165.09	141.65	9.225			
13,250.00	10,973.00	13,088.72	10,973.00	79.72	72.76	-90.000	-2,928.60	-709.66	1,306.84	1,163.51	143.33	9.118			
13,300.00	10,973.00	13,138.72	10,973.00	80.45	73.62	-90.000	-2,978.58	-711.15	1,306.94	1,161.93	145.01	9.013			
13,350.00	10,973.00	13,188.72	10,973.00	81.18	74.47	-90.000	-3,028.56	-712.64	1,307.04	1,160.33	146.71	8.909			
13,400.00	10,973.00	13,238.72	10,973.00	81.91	75.33	-90.000	-3,078.54	-714.13	1,307.14	1,158.73	148.41	8.807			
13,450.00	10,973.00	13,288.72	10,973.00	82.66	76.19	-90.000	-3,128.51	-715.62	1,307.24	1,157.11	150.13	8.708			
13,500.00	10,973.00	13,338.72	10,973.00	83.41	77.06	-90.000	-3,178.49	-717.11	1,307.34	1,155.49	151.85	8.609			
13,550.00	10,973.00	13,388.72	10,973.00	84.17	77.93	-90.000	-3,228.47	-718.60	1,307.44	1,153.86	153.58	8.513			
13,600.00	10,973.00	13,438.72	10,973.00	84.93	78.81	-90.000	-3,278.45	-720.09	1,307.54	1,152.22	155.32	8.418			
13,650.00	10,973.00	13,488.72	10,973.00	85.70	79.68	-90.000	-3,328.43	-721.58	1,307.64	1,150.58	157.06	8.325			
13,700.00	10,973.00	13,538.72	10,973.00	86.47	80.57	-90.000	-3,378.40	-723.07	1,307.74	1,148.93	158.82	8.234			
13,750.00	10,973.00	13,588.72	10,973.00	87.25	81.45	-90.000	-3,428.38	-724.56	1,307.84	1,147.26	160.58	8.145			
13,800.00	10,973.00	13,638.72	10,973.00	88.03	82.34	-90.000	-3,478.36	-726.05	1,307.94	1,145.60	162.35	8.057			
13,850.00	10,973.00	13,688.72	10,973.00	88.82	83.23	-90.000	-3,528.34	-727.54	1,308.04	1,143.92	164.12	7.970			
13,900.00	10,973.00	13,738.72	10,973.00	89.62	84.13	-90.000	-3,578.31	-729.03	1,308.14	1,142.24	165.90	7.885			
13,950.00	10,973.00	13,788.72	10,973.00	90.42	85.03	-90.000	-3,628.29	-730.51	1,308.24	1,140.56	167.69	7.802			
14,000.00	10,973.00	13,838.72	10,973.00	91.22	85.93	-90.000	-3,678.27	-732.00	1,308.35	1,138.87	169.48	7.720			
14,050.00	10,973.00	13,888.72	10,973.00	92.03	86.83	-90.000	-3,728.25	-733.49	1,308.45	1,137.17	171.28	7.639			
14,100.00	10,973.00	13,938.72	10,973.00	92.84	87.74	-90.000	-3,778.22	-734.98	1,308.55	1,135.46	173.08	7.560			
14,150.00	10,973.00	13,988.72	10,973.00	93.66	88.65	-90.000	-3,828.20	-736.47	1,308.65	1,133.75	174.89	7.483			
14,200.00	10,973.00	14,038.72	10,973.00	94.48	89.56	-90.000	-3,878.18	-737.96	1,308.75	1,132.04	176.71	7.406			
14,250.00	10,973.00	14,088.72	10,973.00	95.31	90.47	-90.000	-3,928.16	-739.45	1,308.85	1,130.32	178.53	7.331			
14,300.00	10,973.00	14,138.72	10,973.00	96.14	91.39	-90.000	-3,978.14	-740.94	1,308.95	1,128.59	180.35	7.258			
14,350.00	10,973.00	14,188.72	10,973.00	96.97	92.31	-90.000	-4,028.11	-742.43	1,309.05	1,126.86	182.18	7.185			
14,400.00	10,973.00	14,238.72	10,973.00	97.81	93.23	-90.000	-4,078.09	-743.92	1,309.15	1,125.13	184.02	7.114			
14,450.00	10,973.00	14,288.72	10,973.00	98.65	94.15	-90.000	-4,128.07	-745.41	1,309.25	1,123.39	185.86	7.044			
14,500.00	10,973.00	14,338.72	10,973.00	99.50	95.08	-90.000	-4,178.05	-746.90	1,309.35	1,121.65	187.70	6.976			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-29 - 15NH - OH - PERMIT													Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
14,550.00	10,973.00	14,388.72	10,973.00	100.35	96.01	-90.000	-4,228.02	-748.39	1,309.45	1,119.90	189.55	6.908		
14,600.00	10,973.00	14,438.72	10,973.00	101.20	96.94	-90.000	-4,278.00	-749.88	1,309.55	1,118.15	191.40	6.842		
14,650.00	10,973.00	14,488.72	10,973.00	102.06	97.87	-90.000	-4,327.98	-751.37	1,309.65	1,116.39	193.26	6.777		
14,700.00	10,973.00	14,538.72	10,973.00	102.92	98.80	-90.000	-4,377.96	-752.86	1,309.75	1,114.63	195.12	6.713		
14,750.00	10,973.00	14,588.72	10,973.00	103.78	99.74	-90.000	-4,427.93	-754.35	1,309.85	1,112.86	196.99	6.649		
14,800.00	10,973.00	14,638.72	10,973.00	104.64	100.67	-90.000	-4,477.91	-755.84	1,309.95	1,111.10	198.85	6.588		
14,850.00	10,973.00	14,688.72	10,973.00	105.51	101.61	-90.000	-4,527.89	-757.33	1,310.05	1,109.33	200.73	6.527		
14,900.00	10,973.00	14,738.72	10,973.00	106.38	102.55	-90.000	-4,577.87	-758.82	1,310.15	1,107.55	202.60	6.467		
14,950.00	10,973.00	14,788.72	10,973.00	107.26	103.49	-90.000	-4,627.85	-760.31	1,310.25	1,105.77	204.48	6.408		
15,000.00	10,973.00	14,838.72	10,973.00	108.13	104.44	-90.000	-4,677.82	-761.80	1,310.35	1,103.99	206.36	6.350		
15,050.00	10,973.00	14,888.72	10,973.00	109.01	105.38	-90.000	-4,727.80	-763.29	1,310.45	1,102.21	208.25	6.293		
15,100.00	10,973.00	14,938.72	10,973.00	109.90	106.33	-90.000	-4,777.78	-764.78	1,310.55	1,100.42	210.13	6.237		
15,150.00	10,973.00	14,988.72	10,973.00	110.78	107.28	-90.000	-4,827.76	-766.27	1,310.65	1,098.63	212.03	6.182		
15,200.00	10,973.00	15,038.72	10,973.00	111.67	108.23	-90.000	-4,877.73	-767.76	1,310.75	1,096.83	213.92	6.127		
15,250.00	10,973.00	15,088.72	10,973.00	112.56	109.18	-90.000	-4,927.71	-769.25	1,310.85	1,095.03	215.82	6.074		
15,300.00	10,973.00	15,138.72	10,973.00	113.45	110.13	-90.000	-4,977.69	-770.74	1,310.95	1,093.23	217.72	6.021		
15,350.00	10,973.00	15,188.71	10,973.00	114.35	111.09	-90.000	-5,027.67	-772.23	1,311.05	1,091.43	219.62	5.970		
15,400.00	10,973.00	15,238.71	10,973.00	115.24	112.04	-90.000	-5,077.65	-773.72	1,311.15	1,089.63	221.53	5.919		
15,450.00	10,973.00	15,288.71	10,973.00	116.14	113.00	-90.000	-5,127.62	-775.21	1,311.25	1,087.82	223.44	5.869		
15,500.00	10,973.00	15,338.71	10,973.00	117.05	113.95	-90.000	-5,177.60	-776.70	1,311.35	1,086.01	225.35	5.819		
15,550.00	10,973.00	15,388.71	10,973.00	117.95	114.91	-90.000	-5,227.58	-778.19	1,311.46	1,084.19	227.26	5.771		
15,600.00	10,973.00	15,438.71	10,973.00	118.85	115.87	-90.000	-5,277.56	-779.68	1,311.56	1,082.38	229.18	5.723		
15,650.00	10,973.00	15,488.71	10,973.00	119.76	116.83	-90.000	-5,327.53	-781.17	1,311.66	1,080.56	231.10	5.676		
15,700.00	10,973.00	15,538.71	10,973.00	120.67	117.80	-90.000	-5,377.51	-782.66	1,311.76	1,078.74	233.02	5.629		
15,750.00	10,973.00	15,588.71	10,973.00	121.58	118.76	-90.000	-5,427.49	-784.15	1,311.86	1,076.92	234.94	5.584		
15,800.00	10,973.00	15,638.71	10,973.00	122.50	119.72	-90.000	-5,477.47	-785.64	1,311.96	1,075.09	236.86	5.539		
15,850.00	10,973.00	15,688.71	10,973.00	123.41	120.69	-90.000	-5,527.44	-787.13	1,312.06	1,073.27	238.79	5.495		
15,900.00	10,973.00	15,738.71	10,973.00	124.33	121.66	-90.000	-5,577.42	-788.62	1,312.16	1,071.44	240.72	5.451		
15,950.00	10,973.00	15,788.71	10,973.00	125.25	122.62	-90.000	-5,627.40	-790.11	1,312.26	1,069.61	242.65	5.408		
16,000.00	10,973.00	15,838.71	10,973.00	126.17	123.59	-90.000	-5,677.38	-791.60	1,312.36	1,067.77	244.58	5.366		
16,050.00	10,973.00	15,888.71	10,973.00	127.09	124.56	-90.000	-5,727.36	-793.09	1,312.46	1,065.94	246.52	5.324		
16,100.00	10,973.00	15,938.71	10,973.00	128.02	125.53	-90.000	-5,777.33	-794.58	1,312.56	1,064.10	248.46	5.283		
16,150.00	10,973.00	15,988.71	10,973.00	128.94	126.50	-90.000	-5,827.31	-796.07	1,312.66	1,062.26	250.40	5.242		
16,200.00	10,973.00	16,038.71	10,973.00	129.87	127.48	-90.000	-5,877.29	-797.56	1,312.76	1,060.42	252.34	5.202		
16,250.00	10,973.00	16,088.71	10,973.00	130.80	128.45	-90.000	-5,927.27	-799.04	1,312.86	1,058.58	254.28	5.163		
16,300.00	10,973.00	16,138.71	10,973.00	131.73	129.42	-90.000	-5,977.24	-800.53	1,312.96	1,056.74	256.22	5.124		
16,350.00	10,973.00	16,188.71	10,973.00	132.66	130.40	-90.000	-6,027.22	-802.02	1,313.06	1,054.89	258.17	5.086		
16,400.00	10,973.00	16,238.71	10,973.00	133.60	131.37	-90.000	-6,077.20	-803.51	1,313.16	1,053.04	260.12	5.048		
16,450.00	10,973.00	16,288.71	10,973.00	134.53	132.35	-90.000	-6,127.18	-805.00	1,313.26	1,051.19	262.07	5.011		
16,500.00	10,973.00	16,338.71	10,973.00	135.47	133.33	-90.000	-6,177.15	-806.49	1,313.36	1,049.34	264.02	4.975		
16,550.00	10,973.00	16,388.71	10,973.00	136.40	134.30	-90.000	-6,227.13	-807.98	1,313.46	1,047.49	265.97	4.938		
16,600.00	10,973.00	16,438.71	10,973.00	137.34	135.28	-90.000	-6,277.11	-809.47	1,313.56	1,045.64	267.93	4.903		
16,650.00	10,973.00	16,488.71	10,973.00	138.28	136.26	-90.000	-6,327.09	-810.96	1,313.66	1,043.78	269.88	4.868		
16,700.00	10,973.00	16,538.71	10,973.00	139.22	137.24	-90.000	-6,377.07	-812.45	1,313.76	1,041.92	271.84	4.833		
16,750.00	10,973.00	16,588.71	10,973.00	140.17	138.22	-90.000	-6,427.04	-813.94	1,313.86	1,040.07	273.80	4.799		
16,800.00	10,973.00	16,638.71	10,973.00	141.11	139.20	-90.000	-6,477.02	-815.43	1,313.96	1,038.21	275.76	4.765		
16,850.00	10,973.00	16,688.71	10,973.00	142.06	140.18	-90.000	-6,527.00	-816.92	1,314.06	1,036.35	277.72	4.732		
16,900.00	10,973.00	16,738.71	10,973.00	143.00	141.17	-90.000	-6,576.98	-818.41	1,314.16	1,034.48	279.68	4.699		
16,950.00	10,973.00	16,788.71	10,973.00	143.95	142.15	-90.000	-6,626.95	-819.90	1,314.26	1,032.62	281.64	4.666		
17,000.00	10,973.00	16,838.71	10,973.00	144.90	143.13	-90.000	-6,676.93	-821.39	1,314.36	1,030.76	283.61	4.634		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - 15NH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
17,050.00	10,973.00	16,888.71	10,973.00	145.85	144.12	-90.000	-6,726.91	-822.88	1,314.46	1,028.89	285.57	4.603			
17,100.00	10,973.00	16,938.71	10,973.00	146.80	145.10	-90.000	-6,776.89	-824.37	1,314.57	1,027.02	287.54	4.572			
17,150.00	10,973.00	16,988.71	10,973.00	147.75	146.09	-90.000	-6,826.86	-825.86	1,314.67	1,025.15	289.51	4.541			
17,200.00	10,973.00	17,038.71	10,973.00	148.70	147.07	-90.000	-6,876.84	-827.35	1,314.77	1,023.28	291.48	4.511			
17,250.00	10,973.00	17,088.71	10,973.00	149.66	148.06	-90.000	-6,926.82	-828.84	1,314.87	1,021.41	293.45	4.481			
17,300.00	10,973.00	17,138.71	10,973.00	150.61	149.05	-90.000	-6,976.80	-830.33	1,314.97	1,019.54	295.42	4.451			
17,350.00	10,973.00	17,188.71	10,973.00	151.57	150.04	-90.000	-7,026.78	-831.82	1,315.07	1,017.67	297.40	4.422			
17,400.00	10,973.00	17,238.71	10,973.00	152.52	151.02	-90.000	-7,076.75	-833.31	1,315.17	1,015.79	299.37	4.393			
17,450.00	10,973.00	17,288.71	10,973.00	153.48	152.01	-90.000	-7,126.73	-834.80	1,315.27	1,013.92	301.35	4.365			
17,500.00	10,973.00	17,338.71	10,973.00	154.44	153.00	-90.000	-7,176.71	-836.29	1,315.37	1,012.04	303.32	4.337			
17,550.00	10,973.00	17,388.71	10,973.00	155.40	153.99	-90.000	-7,226.69	-837.78	1,315.47	1,010.17	305.30	4.309			
17,600.00	10,973.00	17,438.71	10,973.00	156.36	154.98	-90.000	-7,276.66	-839.27	1,315.57	1,008.29	307.28	4.281			
17,650.00	10,973.00	17,488.71	10,973.00	157.32	155.97	-90.000	-7,326.64	-840.76	1,315.67	1,006.41	309.26	4.254			
17,700.00	10,973.00	17,538.71	10,973.00	158.28	156.97	-90.000	-7,376.62	-842.25	1,315.77	1,004.53	311.24	4.228			
17,750.00	10,973.00	17,588.71	10,973.00	159.24	157.96	-90.000	-7,426.60	-843.74	1,315.87	1,002.65	313.22	4.201			
17,800.00	10,973.00	17,638.71	10,973.00	160.21	158.95	-90.000	-7,476.57	-845.23	1,315.97	1,000.77	315.20	4.175			
17,850.00	10,973.00	17,688.71	10,973.00	161.17	159.94	-90.000	-7,526.55	-846.72	1,316.07	998.88	317.19	4.149			
17,900.00	10,973.00	17,738.71	10,973.00	162.14	160.93	-90.000	-7,576.53	-848.21	1,316.17	997.00	319.17	4.124			
17,950.00	10,973.00	17,788.71	10,973.00	163.10	161.93	-90.000	-7,626.51	-849.70	1,316.27	995.11	321.16	4.099			
18,000.00	10,973.00	17,838.71	10,973.00	164.07	162.92	-90.000	-7,676.49	-851.19	1,316.37	993.23	323.14	4.074			
18,050.00	10,973.00	17,888.71	10,973.00	165.04	163.92	-90.000	-7,726.46	-852.68	1,316.47	991.34	325.13	4.049			
18,100.00	10,973.00	17,938.71	10,973.00	166.01	164.91	-90.000	-7,776.44	-854.17	1,316.57	989.45	327.12	4.025			
18,150.00	10,973.00	17,988.71	10,973.00	166.97	165.91	-90.000	-7,826.42	-855.66	1,316.67	987.57	329.11	4.001			
18,200.00	10,973.00	18,038.71	10,973.00	167.94	166.90	-90.000	-7,876.40	-857.15	1,316.77	985.68	331.09	3.977			
18,250.00	10,973.00	18,088.71	10,973.00	168.92	167.90	-90.000	-7,926.37	-858.64	1,316.87	983.79	333.08	3.954			
18,300.00	10,973.00	18,138.71	10,973.00	169.89	168.89	-90.000	-7,976.35	-860.13	1,316.97	981.90	335.08	3.930			
18,350.00	10,973.00	18,188.71	10,973.00	170.86	169.89	-90.000	-8,026.33	-861.62	1,317.07	980.01	337.07	3.907			
18,400.00	10,973.00	18,238.71	10,973.00	171.83	170.89	-90.000	-8,076.31	-863.11	1,317.17	978.11	339.06	3.885			
18,450.00	10,973.00	18,288.71	10,973.00	172.80	171.88	-90.000	-8,126.28	-864.60	1,317.27	976.22	341.05	3.862			
18,500.00	10,973.00	18,338.71	10,973.00	173.78	172.88	-90.000	-8,176.26	-866.08	1,317.37	974.33	343.05	3.840			
18,550.00	10,973.00	18,388.71	10,973.00	174.75	173.88	-90.000	-8,226.24	-867.57	1,317.47	972.43	345.04	3.818			
18,600.00	10,973.00	18,438.71	10,973.00	175.73	174.88	-90.000	-8,276.22	-869.06	1,317.57	970.54	347.04	3.797			
18,650.00	10,973.00	18,488.71	10,973.00	176.70	175.88	-90.000	-8,326.20	-870.55	1,317.68	968.64	349.03	3.775			
18,700.00	10,973.00	18,538.71	10,973.00	177.68	176.88	-90.000	-8,376.17	-872.04	1,317.78	966.75	351.03	3.754			
18,750.00	10,973.00	18,588.71	10,973.00	178.65	177.88	-90.000	-8,426.15	-873.53	1,317.88	964.85	353.03	3.733			
18,800.00	10,973.00	18,638.71	10,973.00	179.63	178.88	-90.000	-8,476.13	-875.02	1,317.98	962.95	355.02	3.712			
18,850.00	10,973.00	18,688.71	10,973.00	180.61	179.88	-90.000	-8,526.11	-876.51	1,318.08	961.06	357.02	3.692			
18,900.00	10,973.00	18,738.71	10,973.00	181.59	180.88	-90.000	-8,576.08	-878.00	1,318.18	959.16	359.02	3.672			
18,950.00	10,973.00	18,788.71	10,973.00	182.57	181.88	-90.000	-8,626.06	-879.49	1,318.28	957.26	361.02	3.652			
19,000.00	10,973.00	18,838.71	10,973.00	183.55	182.88	-90.000	-8,676.04	-880.98	1,318.38	955.36	363.02	3.632			
19,050.00	10,973.00	18,888.71	10,973.00	184.53	183.88	-90.000	-8,726.02	-882.47	1,318.48	953.46	365.02	3.612			
19,100.00	10,973.00	18,938.71	10,973.00	185.51	184.88	-90.000	-8,775.99	-883.96	1,318.58	951.56	367.02	3.593			
19,150.00	10,973.00	18,988.71	10,973.00	186.49	185.88	-90.000	-8,825.97	-885.45	1,318.68	949.65	369.02	3.573			
19,200.00	10,973.00	19,038.71	10,973.00	187.47	186.88	-90.000	-8,875.95	-886.94	1,318.78	947.75	371.03	3.554			
19,250.00	10,973.00	19,088.71	10,973.00	188.45	187.89	-90.000	-8,925.93	-888.43	1,318.88	945.85	373.03	3.536			
19,300.00	10,973.00	19,138.71	10,973.00	189.43	188.89	-90.000	-8,975.91	-889.92	1,318.98	943.95	375.03	3.517			
19,350.00	10,973.00	19,188.71	10,973.00	190.42	189.89	-90.000	-9,025.88	-891.41	1,319.08	942.04	377.04	3.499			
19,400.00	10,973.00	19,238.71	10,973.00	191.40	190.90	-90.000	-9,075.86	-892.90	1,319.18	940.14	379.04	3.480			
19,450.00	10,973.00	19,288.71	10,973.00	192.38	191.90	-90.000	-9,125.84	-894.39	1,319.28	938.23	381.05	3.462			
19,500.00	10,973.00	19,338.71	10,973.00	193.37	192.90	-90.000	-9,175.82	-895.88	1,319.38	936.33	383.05	3.444			
19,550.00	10,973.00	19,388.71	10,973.00	194.35	193.91	-90.000	-9,225.79	-897.37	1,319.48	934.42	385.06	3.427			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-29 - 15NH - OH - PERMIT													Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance					Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
19,600.00	10,973.00	19,438.71	10,973.00	195.34	194.91	-90.000	-9,275.77	-898.86	1,319.58	932.51	387.07	3.409		
19,650.00	10,973.00	19,488.71	10,973.00	196.32	195.91	-90.000	-9,325.75	-900.35	1,319.68	930.61	389.08	3.392		
19,700.00	10,973.00	19,538.71	10,973.00	197.31	196.92	-90.000	-9,375.73	-901.84	1,319.78	928.70	391.08	3.375		
19,750.00	10,973.00	19,588.71	10,973.00	198.30	197.92	-90.000	-9,425.71	-903.33	1,319.88	926.79	393.09	3.358		
19,800.00	10,973.00	19,638.71	10,973.00	199.28	198.93	-90.000	-9,475.68	-904.82	1,319.98	924.88	395.10	3.341		
19,850.00	10,973.00	19,688.71	10,973.00	200.27	199.93	-90.000	-9,525.66	-906.31	1,320.08	922.97	397.11	3.324		
19,900.00	10,973.00	19,738.71	10,973.00	201.26	200.94	-90.000	-9,575.64	-907.80	1,320.18	921.06	399.12	3.308		
19,950.00	10,973.00	19,788.71	10,973.00	202.25	201.95	-90.000	-9,625.62	-909.29	1,320.28	919.15	401.13	3.291		
20,000.00	10,973.00	19,838.71	10,973.00	203.24	202.95	-90.000	-9,675.59	-910.78	1,320.38	917.24	403.14	3.275		
20,050.00	10,973.00	19,888.71	10,973.00	204.22	203.96	-90.000	-9,725.57	-912.27	1,320.48	915.33	405.15	3.259		
20,100.00	10,973.00	19,938.71	10,973.00	205.21	204.96	-90.000	-9,775.55	-913.76	1,320.58	913.42	407.16	3.243		
20,150.00	10,973.00	19,988.71	10,973.00	206.20	205.97	-90.000	-9,825.53	-915.25	1,320.68	911.51	409.17	3.228		
20,200.00	10,973.00	20,038.71	10,973.00	207.19	206.98	-90.000	-9,875.50	-916.74	1,320.79	909.60	411.19	3.212		
20,250.00	10,973.00	20,088.71	10,973.00	208.18	207.98	-90.000	-9,925.48	-918.23	1,320.89	907.69	413.20	3.197		
20,300.00	10,973.00	20,138.71	10,973.00	209.17	208.99	-90.000	-9,975.46	-919.72	1,320.99	905.77	415.21	3.181		
20,350.00	10,973.00	20,188.70	10,973.00	210.17	210.00	-90.000	-10,025.44	-921.21	1,321.09	903.86	417.23	3.166		
20,400.00	10,973.00	20,238.70	10,973.00	211.16	211.01	-90.000	-10,075.42	-922.70	1,321.19	901.95	419.24	3.151		
20,450.00	10,973.00	20,288.70	10,973.00	212.15	212.01	-90.000	-10,125.39	-924.19	1,321.29	900.03	421.25	3.137		
20,500.00	10,973.00	20,338.70	10,973.00	213.14	213.02	-90.000	-10,175.37	-925.68	1,321.39	898.12	423.27	3.122		
20,550.00	10,973.00	20,388.70	10,973.00	214.13	214.03	-90.000	-10,225.35	-927.17	1,321.49	896.20	425.28	3.107		
20,600.00	10,973.00	20,438.70	10,973.00	215.13	215.04	-90.000	-10,275.33	-928.66	1,321.59	894.29	427.30	3.093		
20,650.00	10,973.00	20,488.70	10,973.00	216.12	216.05	-90.000	-10,325.30	-930.15	1,321.69	892.37	429.31	3.079		
20,700.00	10,973.00	20,538.70	10,973.00	217.11	217.06	-90.000	-10,375.28	-931.64	1,321.79	890.46	431.33	3.064		
20,750.00	10,973.00	20,588.70	10,973.00	218.11	218.06	-90.000	-10,425.26	-933.12	1,321.89	888.54	433.35	3.050		
20,800.00	10,973.00	20,638.70	10,973.00	219.10	219.07	-90.000	-10,475.24	-934.61	1,321.99	886.62	435.36	3.037		
20,850.00	10,973.00	20,688.70	10,973.00	220.10	220.08	-90.000	-10,525.21	-936.10	1,322.09	884.71	437.38	3.023		
20,900.00	10,973.00	20,738.70	10,973.00	221.09	221.09	-90.000	-10,575.19	-937.59	1,322.19	882.79	439.40	3.009		
20,950.00	10,973.00	20,788.70	10,973.00	222.08	222.10	-90.000	-10,625.17	-939.08	1,322.29	880.87	441.42	2.996		
21,000.00	10,973.00	20,838.70	10,973.00	223.08	223.11	-90.000	-10,675.15	-940.57	1,322.39	878.96	443.43	2.982		
21,050.00	10,973.00	20,888.70	10,973.00	224.08	224.12	-90.000	-10,725.13	-942.06	1,322.49	877.04	445.45	2.969		
21,100.00	10,973.00	20,938.70	10,973.00	225.07	225.13	-90.000	-10,775.10	-943.55	1,322.59	875.12	447.47	2.956		
21,150.00	10,973.00	20,988.70	10,973.00	226.07	226.14	-90.000	-10,825.08	-945.04	1,322.69	873.20	449.49	2.943		
21,200.00	10,973.00	21,038.70	10,973.00	227.06	227.15	-90.000	-10,875.06	-946.53	1,322.79	871.28	451.51	2.930		
21,250.00	10,973.00	21,088.70	10,973.00	228.06	228.16	-90.000	-10,925.04	-948.02	1,322.89	869.36	453.53	2.917		
21,300.00	10,973.00	21,138.70	10,973.00	229.06	229.17	-90.000	-10,975.01	-949.51	1,322.99	867.44	455.55	2.904		
21,350.00	10,973.00	21,188.70	10,973.00	230.05	230.18	-90.000	-11,024.99	-951.00	1,323.09	865.52	457.57	2.892		
21,400.00	10,973.00	21,238.70	10,973.00	231.05	231.19	-90.000	-11,074.97	-952.49	1,323.19	863.60	459.59	2.879		
21,450.00	10,973.00	21,288.70	10,973.00	232.05	232.21	-90.000	-11,124.95	-953.98	1,323.29	861.68	461.61	2.867		
21,500.00	10,973.00	21,338.70	10,973.00	233.05	233.22	-90.000	-11,174.92	-955.47	1,323.39	859.76	463.63	2.854		
21,550.00	10,973.00	21,388.70	10,973.00	234.05	234.23	-90.000	-11,224.90	-956.96	1,323.49	857.84	465.66	2.842		
21,600.00	10,973.00	21,438.70	10,973.00	235.04	235.24	-90.000	-11,274.88	-958.45	1,323.59	855.92	467.68	2.830		
21,650.00	10,973.00	21,488.70	10,973.00	236.04	236.25	-90.000	-11,324.86	-959.94	1,323.69	853.99	469.70	2.818		
21,700.00	10,973.00	21,538.70	10,973.00	237.04	237.26	-90.000	-11,374.84	-961.43	1,323.79	852.07	471.72	2.806		
21,750.00	10,973.00	21,588.70	10,973.00	238.04	238.27	-90.000	-11,424.81	-962.92	1,323.90	850.15	473.74	2.795		
21,800.00	10,973.00	21,638.70	10,973.00	239.04	239.29	-90.000	-11,474.79	-964.41	1,324.00	848.23	475.77	2.783		
21,850.00	10,973.00	21,688.70	10,973.00	240.04	240.30	-90.000	-11,524.77	-965.90	1,324.10	846.30	477.79	2.771		
21,900.00	10,973.00	21,738.70	10,973.00	241.04	241.31	-90.000	-11,574.75	-967.39	1,324.20	844.38	479.81	2.760		
21,950.00	10,973.00	21,788.70	10,973.00	242.04	242.32	-90.000	-11,624.72	-968.88	1,324.30	842.46	481.84	2.748		
22,000.00	10,973.00	21,838.70	10,973.00	243.04	243.34	-90.000	-11,674.70	-970.37	1,324.40	840.53	483.86	2.737		
22,050.00	10,973.00	21,888.70	10,973.00	244.04	244.35	-90.000	-11,724.68	-971.86	1,324.50	838.61	485.89	2.726		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design														MOHEE FED 0297-17-29 - 15NH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF															Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
22,100.00	10,973.00	21,938.70	10,973.00	245.04	245.36	-90.000	-11,774.66	-973.35	1,324.60	836.69	487.91	2.715				
22,150.00	10,973.00	21,988.70	10,973.00	246.04	246.37	-90.000	-11,824.63	-974.84	1,324.70	834.76	489.94	2.704				
22,200.00	10,973.00	22,038.70	10,973.00	247.05	247.39	-90.000	-11,874.61	-976.33	1,324.80	832.84	491.96	2.693				
22,250.00	10,973.00	22,088.70	10,973.00	248.05	248.40	-90.000	-11,924.59	-977.82	1,324.90	830.91	493.99	2.682				
22,300.00	10,973.00	22,138.70	10,973.00	249.05	249.41	-90.000	-11,974.57	-979.31	1,325.00	828.99	496.01	2.671				
22,350.00	10,973.00	22,188.70	10,973.00	250.05	250.43	-90.000	-12,024.55	-980.80	1,325.10	827.06	498.04	2.661				
22,400.00	10,973.00	22,238.70	10,973.00	251.05	251.44	-90.000	-12,074.52	-982.29	1,325.20	825.14	500.06	2.650				
22,450.00	10,973.00	22,288.70	10,973.00	252.06	252.45	-90.000	-12,124.50	-983.78	1,325.30	823.21	502.09	2.640				
22,500.00	10,973.00	22,338.70	10,973.00	253.06	253.47	-90.000	-12,174.48	-985.27	1,325.40	821.28	504.12	2.629				
22,550.00	10,973.00	22,388.70	10,973.00	254.06	254.48	-90.000	-12,224.46	-986.76	1,325.50	819.36	506.14	2.619				
22,600.00	10,973.00	22,438.70	10,973.00	255.06	255.49	-90.000	-12,274.43	-988.25	1,325.60	817.43	508.17	2.609				
22,650.00	10,973.00	22,488.70	10,973.00	256.07	256.51	-90.000	-12,324.41	-989.74	1,325.70	815.50	510.20	2.598				
22,700.00	10,973.00	22,538.70	10,973.00	257.07	257.52	-90.000	-12,374.39	-991.23	1,325.80	813.58	512.22	2.588				
22,750.00	10,973.00	22,588.70	10,973.00	258.07	258.54	-90.000	-12,424.37	-992.72	1,325.90	811.65	514.25	2.578				
22,800.00	10,973.00	22,638.70	10,973.00	259.08	259.55	-90.000	-12,474.34	-994.21	1,326.00	809.72	516.28	2.568				
22,850.00	10,973.00	22,688.70	10,973.00	260.08	260.57	-90.000	-12,524.32	-995.70	1,326.10	807.80	518.31	2.559				
22,900.00	10,973.00	22,738.70	10,973.00	261.08	261.58	-90.000	-12,574.30	-997.19	1,326.20	805.87	520.33	2.549				
22,950.00	10,973.00	22,788.70	10,973.00	262.09	262.60	-90.000	-12,624.28	-998.68	1,326.30	803.94	522.36	2.539				
23,000.00	10,973.00	22,838.70	10,973.00	263.09	263.61	-90.000	-12,674.26	-1,000.17	1,326.40	802.01	524.39	2.529				
23,050.00	10,973.00	22,888.70	10,973.00	264.10	264.62	-90.000	-12,724.23	-1,001.65	1,326.50	800.08	526.42	2.520				
23,100.00	10,973.00	22,938.70	10,973.00	265.10	265.64	-90.000	-12,774.21	-1,003.14	1,326.60	798.16	528.45	2.510				
23,150.00	10,973.00	22,988.70	10,973.00	266.11	266.65	-90.000	-12,824.19	-1,004.63	1,326.70	796.23	530.48	2.501				
23,200.00	10,973.00	23,038.70	10,973.00	267.11	267.67	-90.000	-12,874.17	-1,006.12	1,326.80	794.30	532.51	2.492				
23,250.00	10,973.00	23,088.70	10,973.00	268.12	268.68	-90.000	-12,924.14	-1,007.61	1,326.90	792.37	534.54	2.482				
23,300.00	10,973.00	23,138.70	10,973.00	269.12	269.70	-90.000	-12,974.12	-1,009.10	1,327.01	790.44	536.57	2.473				
23,350.00	10,973.00	23,188.70	10,973.00	270.13	270.72	-90.000	-13,024.10	-1,010.59	1,327.11	788.51	538.60	2.464				
23,400.00	10,973.00	23,238.70	10,973.00	271.13	271.73	-90.000	-13,074.08	-1,012.08	1,327.21	786.58	540.63	2.455				
23,448.12	10,973.00	23,286.58	10,973.00	272.10	272.70	-90.000	-13,121.94	-1,013.51	1,327.30	784.73	542.57	2.446 SF				



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - 15WNH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
250.00	250.00	250.00	250.00	0.67	0.67	-42.060	14.84	-13.39	19.99	18.65	1.34	14.969			
300.00	300.00	300.00	300.00	0.85	0.85	-42.060	14.84	-13.39	19.99	18.29	1.69	11.801			
350.00	350.00	350.00	350.00	1.03	1.03	-42.060	14.84	-13.39	19.99	17.94	2.05	9.740			
400.00	400.00	400.00	400.00	1.21	1.21	-42.060	14.84	-13.39	19.99	17.58	2.41	8.291			
450.00	450.00	450.00	450.00	1.38	1.38	-42.060	14.84	-13.39	19.99	17.22	2.77	7.218			
500.00	500.00	500.00	500.00	1.56	1.56	-42.060	14.84	-13.39	19.99	16.86	3.13	6.391			
550.00	550.00	550.00	550.00	1.74	1.74	-42.060	14.84	-13.39	19.99	16.50	3.49	5.734			
600.00	600.00	600.00	600.00	1.92	1.92	-42.060	14.84	-13.39	19.99	16.14	3.84	5.199			
650.00	650.00	650.00	650.00	2.10	2.10	-42.060	14.84	-13.39	19.99	15.78	4.20	4.756			
700.00	700.00	700.00	700.00	2.28	2.28	-42.060	14.84	-13.39	19.99	15.43	4.56	4.382			
750.00	750.00	750.00	750.00	2.46	2.46	-42.060	14.84	-13.39	19.99	15.07	4.92	4.063			
800.00	800.00	800.00	800.00	2.64	2.64	-42.060	14.84	-13.39	19.99	14.71	5.28	3.787			
850.00	850.00	850.00	850.00	2.82	2.82	-42.060	14.84	-13.39	19.99	14.35	5.64	3.546			
900.00	900.00	900.00	900.00	3.00	3.00	-42.060	14.84	-13.39	19.99	13.99	6.00	3.334			
950.00	950.00	950.00	950.00	3.18	3.18	-42.060	14.84	-13.39	19.99	13.63	6.35	3.146			
1,000.00	1,000.00	1,000.00	1,000.00	3.36	3.36	-42.060	14.84	-13.39	19.99	13.28	6.71	2.978			
1,050.00	1,050.00	1,050.00	1,050.00	3.53	3.54	66.648	14.84	-13.39	19.86	12.79	7.07	2.810			
1,100.00	1,099.99	1,099.99	1,099.99	3.70	3.71	69.303	14.84	-13.39	19.49	12.07	7.42	2.627			
1,150.00	1,149.96	1,149.96	1,149.96	3.87	3.89	73.935	14.84	-13.39	18.97	11.20	7.77	2.442			
1,200.00	1,199.91	1,199.91	1,199.91	4.04	4.07	80.778	14.84	-13.39	18.47	10.35	8.12	2.275			
1,250.00	1,249.82	1,249.95	1,249.94	4.22	4.24	89.087	14.59	-13.60	18.06	9.60	8.46	2.134			
1,300.00	1,299.69	1,300.00	1,299.99	4.39	4.42	98.065	13.84	-14.23	17.71	8.90	8.81	2.011			
1,350.00	1,349.51	1,350.08	1,350.04	4.57	4.58	107.821	12.58	-15.28	17.50	8.35	9.15	1.912			
1,369.07	1,368.50	1,369.18	1,369.12	4.64	4.65	111.749	11.97	-15.80	17.48	8.20	9.28	1.883 CC			
1,400.00	1,399.27	1,400.16	1,400.07	4.75	4.75	118.337	10.82	-16.76	17.54	8.04	9.50	1.847 ES			
1,450.00	1,448.96	1,450.25	1,450.07	4.93	4.92	129.404	8.56	-18.66	17.95	8.10	9.85	1.823 SF			
1,500.00	1,498.57	1,500.35	1,500.04	5.12	5.09	140.619	5.80	-20.98	18.84	8.64	10.19	1.848			
1,550.00	1,548.10	1,550.45	1,549.96	5.31	5.26	151.481	2.53	-23.72	20.28	9.75	10.54	1.925			
1,600.00	1,597.54	1,600.54	1,599.81	5.50	5.43	161.544	-1.23	-26.88	22.33	11.46	10.87	2.054			
1,650.00	1,646.87	1,650.40	1,649.38	5.71	5.61	170.341	-5.34	-30.32	25.16	13.95	11.21	2.244			
1,700.00	1,696.09	1,700.13	1,698.82	5.91	5.79	177.315	-9.44	-33.77	29.09	17.53	11.55	2.517			
1,750.00	1,745.19	1,749.81	1,748.21	6.13	5.97	-177.467	-13.55	-37.21	33.99	22.09	11.90	2.857			
1,776.96	1,771.62	1,776.57	1,774.81	6.24	6.07	-175.272	-15.76	-39.06	37.00	24.91	12.08	3.061			
1,800.00	1,794.18	1,799.43	1,797.54	6.35	6.15	-173.676	-17.65	-40.65	39.68	27.44	12.25	3.240			
1,850.00	1,843.15	1,849.03	1,846.85	6.57	6.33	-170.865	-21.74	-44.09	45.60	32.99	12.60	3.618			
1,900.00	1,892.12	1,898.64	1,896.17	6.80	6.52	-168.702	-25.84	-47.53	51.59	38.63	12.96	3.981			
1,950.00	1,941.09	1,948.24	1,945.49	7.03	6.70	-166.990	-29.94	-50.96	57.65	44.32	13.32	4.327			
2,000.00	1,990.06	1,997.85	1,994.80	7.26	6.89	-165.605	-34.04	-54.40	63.74	50.05	13.69	4.656			
2,050.00	2,039.02	2,047.46	2,044.12	7.50	7.08	-164.462	-38.13	-57.84	69.87	55.81	14.06	4.970			
2,100.00	2,087.99	2,097.06	2,093.44	7.74	7.27	-163.504	-42.23	-61.28	76.02	61.59	14.43	5.268			
2,150.00	2,136.96	2,146.67	2,142.75	7.98	7.46	-162.689	-46.33	-64.72	82.18	67.38	14.80	5.551			
2,200.00	2,185.93	2,196.27	2,192.07	8.22	7.65	-161.987	-50.43	-68.15	88.37	73.19	15.18	5.821			
2,250.00	2,234.90	2,245.88	2,241.39	8.47	7.84	-161.378	-54.52	-71.59	94.56	79.00	15.56	6.078			
2,300.00	2,283.87	2,295.48	2,290.70	8.71	8.04	-160.844	-58.62	-75.03	100.76	84.82	15.94	6.322			
2,350.00	2,332.84	2,345.09	2,340.02	8.96	8.23	-160.371	-62.72	-78.47	106.97	90.65	16.32	6.555			
2,400.00	2,381.81	2,394.70	2,389.33	9.21	8.42	-159.950	-66.81	-81.91	113.18	96.48	16.70	6.776			
2,450.00	2,430.78	2,444.30	2,438.65	9.46	8.62	-159.574	-70.91	-85.34	119.40	102.32	17.09	6.988			
2,500.00	2,479.75	2,493.91	2,487.97	9.71	8.81	-159.234	-75.01	-88.78	125.63	108.16	17.47	7.190			
2,550.00	2,528.72	2,543.51	2,537.28	9.96	9.01	-158.927	-79.11	-92.22	131.86	114.00	17.86	7.383			
2,600.00	2,577.69	2,593.12	2,586.60	10.22	9.21	-158.647	-83.20	-95.66	138.09	119.84	18.25	7.567			
2,650.00	2,626.65	2,642.72	2,635.92	10.47	9.40	-158.391	-87.30	-99.10	144.33	125.69	18.64	7.744			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - 15WNH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
2,700.00	2,675.62	2,692.33	2,685.23	10.73	9.60	-158.157	-91.40	-102.54	150.56	131.54	19.03	7.913			
2,750.00	2,724.59	2,741.94	2,734.55	10.98	9.80	-157.941	-95.50	-105.97	156.80	137.38	19.42	8.074			
2,800.00	2,773.56	2,791.54	2,783.87	11.24	10.00	-157.742	-99.59	-109.41	163.05	143.23	19.81	8.229			
2,850.00	2,822.53	2,841.15	2,833.18	11.50	10.20	-157.557	-103.69	-112.85	169.29	149.09	20.21	8.378			
2,900.00	2,871.50	2,890.75	2,882.50	11.76	10.40	-157.386	-107.79	-116.29	175.54	154.94	20.60	8.521			
2,950.00	2,920.47	2,940.36	2,931.82	12.02	10.60	-157.226	-111.89	-119.73	181.78	160.79	21.00	8.658			
3,000.00	2,969.44	2,989.96	2,981.13	12.28	10.80	-157.077	-115.98	-123.16	188.03	166.64	21.39	8.791			
3,050.00	3,018.41	3,039.57	3,030.45	12.54	11.00	-156.938	-120.08	-126.60	194.28	172.50	21.79	8.917			
3,100.00	3,067.38	3,089.18	3,079.77	12.80	11.20	-156.807	-124.18	-130.04	200.53	178.35	22.18	9.040			
3,150.00	3,116.35	3,138.78	3,129.08	13.06	11.40	-156.684	-128.28	-133.48	206.79	184.20	22.58	9.157			
3,200.00	3,165.32	3,188.39	3,178.40	13.32	11.60	-156.569	-132.37	-136.92	213.04	190.06	22.98	9.271			
3,250.00	3,214.28	3,237.99	3,227.72	13.58	11.80	-156.460	-136.47	-140.35	219.29	195.91	23.38	9.380			
3,300.00	3,263.25	3,287.60	3,277.03	13.84	12.00	-156.357	-140.57	-143.79	225.55	201.77	23.78	9.486			
3,350.00	3,312.22	3,337.20	3,326.35	14.11	12.20	-156.259	-144.67	-147.23	231.80	207.62	24.18	9.588			
3,400.00	3,361.19	3,386.81	3,375.66	14.37	12.40	-156.167	-148.76	-150.67	238.06	213.48	24.58	9.686			
3,450.00	3,410.16	3,436.42	3,424.98	14.63	12.60	-156.079	-152.86	-154.11	244.31	219.34	24.98	9.781			
3,500.00	3,459.13	3,486.02	3,474.30	14.90	12.81	-155.996	-156.96	-157.55	250.57	225.19	25.38	9.873			
3,550.00	3,508.10	3,535.63	3,523.61	15.16	13.01	-155.917	-161.06	-160.98	256.83	231.05	25.78	9.962			
3,600.00	3,557.07	3,585.23	3,572.93	15.43	13.21	-155.842	-165.15	-164.42	263.08	236.90	26.18	10.048			
3,650.00	3,606.04	3,634.84	3,622.25	15.69	13.41	-155.770	-169.25	-167.86	269.34	242.76	26.58	10.132			
3,700.00	3,655.01	3,684.44	3,671.56	15.96	13.62	-155.701	-173.35	-171.30	275.60	248.61	26.99	10.213			
3,750.00	3,703.98	3,734.05	3,720.88	16.22	13.82	-155.636	-177.44	-174.74	281.86	254.47	27.39	10.291			
3,800.00	3,752.95	3,783.66	3,770.20	16.49	14.02	-155.573	-181.54	-178.17	288.12	260.33	27.79	10.367			
3,850.00	3,801.92	3,833.26	3,819.51	16.75	14.23	-155.513	-185.64	-181.61	294.38	266.18	28.20	10.440			
3,900.00	3,850.88	3,882.87	3,868.83	17.02	14.43	-155.455	-189.74	-185.05	300.64	272.04	28.60	10.512			
3,950.00	3,899.85	3,932.47	3,918.15	17.29	14.63	-155.400	-193.83	-188.49	306.90	277.89	29.00	10.581			
4,000.00	3,948.82	3,982.08	3,967.46	17.55	14.84	-155.347	-197.93	-191.93	313.16	283.75	29.41	10.649			
4,050.00	3,997.79	4,031.68	4,016.78	17.82	15.04	-155.296	-202.03	-195.36	319.42	289.61	29.81	10.714			
4,100.00	4,046.76	4,081.29	4,066.10	18.08	15.24	-155.247	-206.13	-198.80	325.68	295.46	30.22	10.778			
4,150.00	4,095.73	4,132.19	4,116.70	18.35	15.45	-155.204	-210.29	-202.36	331.91	301.28	30.63	10.837			
4,200.00	4,144.70	4,185.40	4,169.60	18.62	15.67	-155.227	-214.22	-206.49	337.71	306.67	31.04	10.880			
4,250.00	4,193.67	4,237.21	4,221.11	18.89	15.88	-155.320	-217.56	-210.95	343.04	311.60	31.44	10.911			
4,300.00	4,242.64	4,286.93	4,270.54	19.15	16.09	-155.419	-220.67	-215.32	348.27	316.44	31.83	10.941			
4,350.00	4,291.61	4,336.65	4,319.98	19.42	16.29	-155.515	-223.79	-219.68	353.51	321.29	32.22	10.971			
4,400.00	4,340.58	4,386.38	4,369.41	19.69	16.50	-155.609	-226.90	-224.05	358.75	326.13	32.61	11.000			
4,450.00	4,389.55	4,436.10	4,418.84	19.96	16.70	-155.700	-230.02	-228.41	363.98	330.98	33.01	11.028			
4,500.00	4,438.51	4,485.82	4,468.27	20.22	16.90	-155.788	-233.14	-232.78	369.22	335.83	33.40	11.055			
4,550.00	4,487.48	4,535.54	4,517.70	20.49	17.11	-155.874	-236.25	-237.15	374.46	340.67	33.79	11.082			
4,600.00	4,536.45	4,585.26	4,567.13	20.76	17.31	-155.958	-239.37	-241.51	379.70	345.52	34.18	11.109			
4,650.00	4,585.42	4,634.98	4,616.56	21.03	17.52	-156.039	-242.48	-245.88	384.95	350.37	34.57	11.134			
4,700.00	4,634.39	4,684.70	4,666.00	21.30	17.72	-156.118	-245.60	-250.24	390.19	355.22	34.96	11.159			
4,750.00	4,683.36	4,734.43	4,715.43	21.57	17.93	-156.195	-248.71	-254.61	395.43	360.08	35.36	11.184			
4,800.00	4,732.33	4,784.15	4,764.86	21.83	18.13	-156.270	-251.83	-258.97	400.68	364.93	35.75	11.208			
4,850.00	4,781.30	4,833.87	4,814.29	22.10	18.33	-156.343	-254.94	-263.34	405.92	369.78	36.14	11.232			
4,900.00	4,830.27	4,883.59	4,863.72	22.37	18.54	-156.414	-258.06	-267.70	411.17	374.63	36.53	11.255			
4,950.00	4,879.24	4,933.31	4,913.15	22.64	18.74	-156.483	-261.17	-272.07	416.41	379.49	36.92	11.277			
5,000.00	4,928.21	4,983.03	4,962.58	22.91	18.95	-156.551	-264.29	-276.43	421.66	384.34	37.32	11.299			
5,050.00	4,977.18	5,032.76	5,012.02	23.18	19.15	-156.617	-267.41	-280.80	426.91	389.20	37.71	11.321			
5,100.00	5,026.14	5,082.48	5,061.45	23.45	19.36	-156.681	-270.52	-285.17	432.15	394.05	38.10	11.342			
5,150.00	5,075.11	5,132.20	5,110.88	23.72	19.56	-156.744	-273.64	-289.53	437.40	398.91	38.49	11.363			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - 15WNH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
5,200.00	5,124.08	5,181.92	5,160.31	23.98	19.77	-156.805	-276.75	-293.90	442.65	403.76	38.89	11.383			
5,250.00	5,173.05	5,231.64	5,209.74	24.25	19.97	-156.865	-279.87	-298.26	447.90	408.62	39.28	11.403			
5,300.00	5,222.02	5,281.36	5,259.17	24.52	20.18	-156.923	-282.98	-302.63	453.15	413.48	39.67	11.423			
5,350.00	5,270.99	5,331.08	5,308.61	24.79	20.39	-156.981	-286.10	-306.99	458.40	418.33	40.06	11.442			
5,400.00	5,319.96	5,380.81	5,358.04	25.06	20.59	-157.036	-289.21	-311.36	463.65	423.19	40.46	11.461			
5,450.00	5,368.93	5,430.53	5,407.47	25.33	20.80	-157.091	-292.33	-315.72	468.90	428.05	40.85	11.479			
5,500.00	5,417.90	5,480.25	5,456.90	25.60	21.00	-157.144	-295.45	-320.09	474.15	432.91	41.24	11.497			
5,550.00	5,466.87	5,529.97	5,506.33	25.87	21.21	-157.197	-298.56	-324.45	479.40	437.77	41.63	11.515			
5,600.00	5,515.84	5,579.69	5,555.76	26.14	21.41	-157.248	-301.68	-328.82	484.65	442.63	42.03	11.532			
5,650.00	5,564.81	5,629.41	5,605.19	26.41	21.62	-157.298	-304.79	-333.19	489.91	447.49	42.42	11.549			
5,700.00	5,613.78	5,679.14	5,654.63	26.68	21.82	-157.347	-307.91	-337.55	495.16	452.35	42.81	11.566			
5,750.00	5,662.74	5,728.86	5,704.06	26.95	22.03	-157.395	-311.02	-341.92	500.41	457.21	43.20	11.583			
5,800.00	5,711.71	5,778.58	5,753.49	27.22	22.24	-157.441	-314.14	-346.28	505.67	462.07	43.60	11.599			
5,850.00	5,760.68	5,828.30	5,802.92	27.49	22.44	-157.487	-317.25	-350.65	510.92	466.93	43.99	11.615			
5,900.00	5,809.65	5,878.02	5,852.35	27.76	22.65	-157.532	-320.37	-355.01	516.17	471.79	44.38	11.630			
5,950.00	5,858.62	5,927.74	5,901.78	28.03	22.85	-157.576	-323.48	-359.38	521.43	476.65	44.77	11.646			
6,000.00	5,907.59	5,977.47	5,951.21	28.30	23.06	-157.620	-326.60	-363.74	526.68	481.52	45.17	11.661			
6,050.00	5,956.56	6,027.19	6,000.65	28.57	23.27	-157.662	-329.72	-368.11	531.94	486.38	45.56	11.676			
6,100.00	6,005.53	6,076.91	6,050.08	28.84	23.47	-157.704	-332.83	-372.47	537.19	491.24	45.95	11.690			
6,150.00	6,054.50	6,126.63	6,099.51	29.11	23.68	-157.744	-335.95	-376.84	542.45	496.10	46.35	11.704			
6,200.00	6,103.47	6,176.35	6,148.94	29.38	23.88	-157.784	-339.06	-381.21	547.70	500.97	46.74	11.719			
6,250.00	6,152.44	6,226.07	6,198.37	29.65	24.09	-157.824	-342.18	-385.57	552.96	505.83	47.13	11.732			
6,300.00	6,201.41	6,275.79	6,247.80	29.92	24.30	-157.862	-345.29	-389.94	558.22	510.69	47.52	11.746			
6,350.00	6,250.37	6,325.52	6,297.23	30.19	24.50	-157.900	-348.41	-394.30	563.47	515.56	47.92	11.759			
6,400.00	6,299.34	6,375.24	6,346.67	30.46	24.71	-157.937	-351.52	-398.67	568.73	520.42	48.31	11.773			
6,450.00	6,348.31	6,424.96	6,396.10	30.73	24.92	-157.973	-354.64	-403.03	573.99	525.28	48.70	11.785			
6,500.00	6,397.28	6,474.68	6,445.53	31.00	25.12	-158.009	-357.75	-407.40	579.24	530.15	49.10	11.798			
6,550.00	6,446.25	6,524.40	6,494.96	31.28	25.33	-158.044	-360.87	-411.76	584.50	535.01	49.49	11.811			
6,600.00	6,495.22	6,574.12	6,544.39	31.55	25.53	-158.078	-363.99	-416.13	589.76	539.88	49.88	11.823			
6,650.00	6,544.19	6,623.85	6,593.82	31.82	25.74	-158.112	-367.10	-420.49	595.02	544.74	50.28	11.835			
6,700.00	6,593.16	6,673.57	6,643.25	32.09	25.95	-158.145	-370.22	-424.86	600.28	549.61	50.67	11.847			
6,750.00	6,642.13	6,723.29	6,692.69	32.36	26.15	-158.178	-373.33	-429.23	605.53	554.47	51.06	11.859			
6,800.00	6,691.10	6,773.01	6,742.12	32.63	26.36	-158.210	-376.45	-433.59	610.79	559.34	51.45	11.871			
6,850.00	6,740.07	6,822.73	6,791.55	32.90	26.57	-158.242	-379.56	-437.96	616.05	564.20	51.85	11.882			
6,900.00	6,789.04	6,872.45	6,840.98	33.17	26.77	-158.273	-382.68	-442.32	621.31	569.07	52.24	11.893			
6,950.00	6,838.01	6,922.17	6,890.41	33.44	26.98	-158.303	-385.79	-446.69	626.57	573.94	52.63	11.904			
7,000.00	6,886.97	6,971.90	6,939.84	33.71	27.19	-158.333	-388.91	-451.05	631.83	578.80	53.03	11.915			
7,050.00	6,935.94	7,021.62	6,989.27	33.98	27.39	-158.363	-392.03	-455.42	637.09	583.67	53.42	11.926			
7,100.00	6,984.91	7,071.34	7,038.71	34.25	27.60	-158.392	-395.14	-459.78	642.35	588.53	53.81	11.937			
7,150.00	7,033.88	7,121.06	7,088.14	34.52	27.81	-158.420	-398.26	-464.15	647.61	593.40	54.21	11.947			
7,200.00	7,082.85	7,170.78	7,137.57	34.79	28.01	-158.448	-401.37	-468.51	652.87	598.27	54.60	11.957			
7,250.00	7,131.82	7,220.50	7,187.00	35.07	28.22	-158.476	-404.49	-472.88	658.13	603.13	54.99	11.967			
7,300.00	7,180.79	7,270.23	7,236.43	35.34	28.43	-158.503	-407.60	-477.25	663.39	608.00	55.39	11.977			
7,350.00	7,229.76	7,319.95	7,285.86	35.61	28.63	-158.530	-410.72	-481.61	668.65	612.87	55.78	11.987			
7,400.00	7,278.73	7,369.67	7,335.30	35.88	28.84	-158.556	-413.83	-485.98	673.91	617.74	56.17	11.997			
7,450.00	7,327.70	7,419.39	7,384.73	36.15	29.05	-158.582	-416.95	-490.34	679.17	622.60	56.57	12.007			
7,500.00	7,376.67	7,469.11	7,434.16	36.42	29.25	-158.608	-420.06	-494.71	684.43	627.47	56.96	12.016			
7,550.00	7,425.64	7,518.83	7,483.59	36.69	29.46	-158.633	-423.18	-499.07	689.69	632.34	57.35	12.025			
7,600.00	7,474.60	7,568.56	7,533.02	36.96	29.67	-158.658	-426.30	-503.44	694.95	637.21	57.75	12.035			
7,650.00	7,523.57	7,618.28	7,582.45	37.23	29.87	-158.682	-429.41	-507.80	700.21	642.07	58.14	12.044			
7,700.00	7,572.54	7,668.00	7,631.88	37.51	30.08	-158.706	-432.53	-512.17	705.47	646.94	58.53	12.053			

CC - Min centre to centre distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - 15WNH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
7,750.00	7,621.51	7,717.72	7,681.32	37.78	30.29	-158.730	-435.64	-516.53	710.74	651.81	58.93	12.061			
7,800.00	7,670.48	7,767.44	7,730.75	38.05	30.49	-158.753	-438.76	-520.90	716.00	656.68	59.32	12.070			
7,850.00	7,719.45	7,817.16	7,780.18	38.32	30.70	-158.776	-441.87	-525.27	721.26	661.54	59.71	12.079			
7,900.00	7,768.42	7,866.88	7,829.61	38.59	30.91	-158.799	-444.99	-529.63	726.52	666.41	60.11	12.087			
7,950.00	7,817.39	7,916.61	7,879.04	38.86	31.12	-158.821	-448.10	-534.00	731.78	671.28	60.50	12.095			
8,000.00	7,866.36	7,966.33	7,928.47	39.13	31.32	-158.843	-451.22	-538.36	737.04	676.15	60.89	12.104			
8,050.00	7,915.33	8,016.05	7,977.90	39.40	31.53	-158.865	-454.33	-542.73	742.31	681.02	61.29	12.112			
8,100.00	7,964.30	8,065.77	8,027.34	39.68	31.74	-158.886	-457.45	-547.09	747.57	685.89	61.68	12.120			
8,150.00	8,013.27	8,115.49	8,076.77	39.95	31.94	-158.907	-460.57	-551.46	752.83	690.76	62.07	12.128			
8,200.00	8,062.23	8,165.21	8,126.20	40.22	32.15	-158.928	-463.68	-555.82	758.09	695.62	62.47	12.136			
8,250.00	8,111.20	8,214.94	8,175.63	40.49	32.36	-158.948	-466.80	-560.19	763.35	700.49	62.86	12.143			
8,300.00	8,160.17	8,264.66	8,225.06	40.76	32.57	-158.969	-469.91	-564.55	768.62	705.36	63.25	12.151			
8,350.00	8,209.14	8,314.38	8,274.49	41.03	32.77	-158.989	-473.03	-568.92	773.88	710.23	63.65	12.159			
8,400.00	8,258.11	8,364.10	8,323.92	41.30	32.98	-159.008	-476.14	-573.29	779.14	715.10	64.04	12.166			
8,450.00	8,307.08	8,413.82	8,373.36	41.57	33.19	-159.028	-479.26	-577.65	784.41	719.97	64.44	12.173			
8,500.00	8,356.05	8,463.54	8,422.79	41.85	33.39	-159.047	-482.37	-582.02	789.67	724.84	64.83	12.181			
8,550.00	8,405.02	8,513.26	8,472.22	42.12	33.60	-159.066	-485.49	-586.38	794.93	729.71	65.22	12.188			
8,600.00	8,453.99	8,562.99	8,521.65	42.39	33.81	-159.084	-488.61	-590.75	800.19	734.58	65.62	12.195			
8,650.00	8,502.96	8,612.71	8,571.08	42.66	34.02	-159.103	-491.72	-595.11	805.46	739.45	66.01	12.202			
8,700.00	8,551.93	8,662.43	8,620.51	42.93	34.22	-159.121	-494.84	-599.48	810.72	744.32	66.40	12.209			
8,750.00	8,600.90	8,712.15	8,669.94	43.20	34.43	-159.139	-497.95	-603.84	815.98	749.19	66.80	12.216			
8,800.00	8,649.87	8,761.87	8,719.38	43.47	34.64	-159.157	-501.07	-608.21	821.25	754.06	67.19	12.223			
8,850.00	8,698.83	8,811.59	8,768.81	43.75	34.84	-159.174	-504.18	-612.57	826.51	758.93	67.58	12.229			
8,900.00	8,747.80	8,861.32	8,818.24	44.02	35.05	-159.191	-507.30	-616.94	831.77	763.80	67.98	12.236			
8,950.00	8,796.77	8,911.04	8,867.67	44.29	35.26	-159.209	-510.41	-621.31	837.04	768.67	68.37	12.242			
9,000.00	8,845.74	8,960.76	8,917.10	44.56	35.47	-159.225	-513.53	-625.67	842.30	773.54	68.77	12.249			
9,050.00	8,894.71	9,010.48	8,966.53	44.83	35.67	-159.242	-516.64	-630.04	847.57	778.41	69.16	12.255			
9,100.00	8,943.68	9,060.20	9,015.97	45.10	35.88	-159.258	-519.76	-634.40	852.83	783.28	69.55	12.262			
9,150.00	8,992.65	9,109.92	9,065.40	45.38	36.09	-159.275	-522.88	-638.77	858.09	788.15	69.95	12.268			
9,200.00	9,041.62	9,159.64	9,114.83	45.65	36.29	-159.291	-525.99	-643.13	863.36	793.02	70.34	12.274			
9,250.00	9,090.59	9,209.37	9,164.26	45.92	36.50	-159.307	-529.11	-647.50	868.62	797.89	70.73	12.280			
9,300.00	9,139.56	9,259.09	9,213.69	46.19	36.71	-159.322	-532.22	-651.86	873.89	802.76	71.13	12.286			
9,350.00	9,188.53	9,308.81	9,263.12	46.46	36.92	-159.338	-535.34	-656.23	879.15	807.63	71.52	12.292			
9,400.00	9,237.50	9,358.53	9,312.55	46.73	37.12	-159.353	-538.45	-660.59	884.41	812.50	71.92	12.298			
9,450.00	9,286.46	9,408.25	9,361.99	47.01	37.33	-159.368	-541.57	-664.96	889.68	817.37	72.31	12.304			
9,500.00	9,335.43	9,457.97	9,411.42	47.28	37.54	-159.383	-544.68	-669.33	894.94	822.24	72.70	12.310			
9,550.00	9,384.40	9,507.70	9,460.85	47.55	37.75	-159.398	-547.80	-673.69	900.21	827.11	73.10	12.315			
9,600.00	9,433.37	9,557.42	9,510.28	47.82	37.95	-159.412	-550.91	-678.06	905.47	831.98	73.49	12.321			
9,650.00	9,482.34	9,607.14	9,559.71	48.09	38.16	-159.427	-554.03	-682.42	910.74	836.85	73.88	12.327			
9,700.00	9,531.31	9,656.86	9,609.14	48.36	38.37	-159.441	-557.15	-686.79	916.00	841.72	74.28	12.332			
9,750.00	9,580.28	9,706.58	9,658.57	48.64	38.58	-159.455	-560.26	-691.15	921.27	846.59	74.67	12.338			
9,800.00	9,629.25	9,756.30	9,708.01	48.91	38.78	-159.469	-563.38	-695.52	926.53	851.46	75.07	12.343			
9,850.00	9,678.22	9,806.03	9,757.44	49.18	38.99	-159.482	-566.49	-699.88	931.79	856.34	75.46	12.348			
9,900.00	9,727.19	9,855.75	9,806.87	49.45	39.20	-159.496	-569.61	-704.25	937.06	861.21	75.85	12.354			
9,950.00	9,776.16	9,905.47	9,856.30	49.72	39.41	-159.510	-572.72	-708.61	942.32	866.08	76.25	12.359			
10,000.00	9,825.13	9,955.19	9,905.73	49.99	39.61	-159.523	-575.84	-712.98	947.59	870.95	76.64	12.364			
10,050.00	9,874.09	10,004.91	9,955.16	50.27	39.82	-159.536	-578.95	-717.35	952.85	875.82	77.03	12.369			
10,100.00	9,923.06	10,054.63	10,004.59	50.54	40.03	-159.549	-582.07	-721.71	958.12	880.69	77.43	12.374			
10,150.00	9,972.03	10,104.35	10,054.03	50.81	40.24	-159.562	-585.19	-726.08	963.38	885.56	77.82	12.379			
10,200.00	10,021.00	10,154.08	10,103.46	51.08	40.44	-159.575	-588.30	-730.44	968.65	890.43	78.22	12.384			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - 15WNH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
10,250.00	10,069.97	10,200.00	10,149.10	51.35	40.64	-159.570	-591.45	-734.46	973.95	895.35	78.60	12.391			
10,300.00	10,118.94	10,243.67	10,192.24	51.62	40.83	-159.412	-597.05	-738.12	979.54	900.51	79.03	12.394			
10,350.00	10,167.91	10,285.82	10,233.41	51.90	41.04	-159.088	-605.41	-741.45	985.50	905.99	79.51	12.394			
10,400.00	10,216.88	10,326.94	10,272.93	52.17	41.25	-158.612	-616.32	-744.50	991.89	911.85	80.05	12.391			
10,450.00	10,265.85	10,366.71	10,310.37	52.44	41.46	-158.007	-629.41	-747.24	998.80	918.17	80.62	12.389			
10,500.00	10,314.82	10,400.00	10,341.01	52.71	41.65	-157.396	-642.26	-749.38	1,006.32	925.14	81.18	12.397			
10,550.00	10,363.79	10,441.18	10,377.86	52.98	41.89	-156.512	-660.45	-751.80	1,014.52	932.65	81.87	12.391			
10,600.00	10,412.76	10,475.58	10,407.65	53.25	42.10	-155.672	-677.55	-753.63	1,023.56	941.02	82.53	12.402			
10,618.11	10,430.50	10,487.56	10,417.79	53.35	42.18	-155.358	-683.90	-754.23	1,027.05	944.28	82.78	12.408			
10,650.00	10,461.64	10,508.30	10,435.05	53.53	42.31	-142.302	-695.37	-755.21	1,033.50	950.11	83.39	12.393			
10,700.00	10,509.99	10,540.45	10,460.99	53.83	42.52	-127.277	-714.29	-756.59	1,044.29	959.87	84.42	12.370			
10,750.00	10,557.44	10,572.16	10,485.57	54.14	42.73	-116.971	-734.28	-757.80	1,055.77	970.26	85.51	12.347			
10,800.00	10,603.67	10,600.00	10,506.27	54.47	42.92	-109.589	-752.88	-758.72	1,067.80	981.24	86.56	12.336			
10,850.00	10,648.37	10,634.54	10,530.72	54.81	43.17	-103.825	-777.24	-759.68	1,080.21	992.52	87.69	12.319			
10,900.00	10,691.23	10,665.29	10,551.30	55.17	43.39	-99.262	-800.08	-760.37	1,092.87	1,004.16	88.71	12.320			
10,950.00	10,731.95	10,700.00	10,573.10	55.53	43.65	-95.426	-827.07	-760.96	1,105.66	1,015.99	89.67	12.330			
11,000.00	10,770.26	10,726.12	10,588.47	55.91	43.85	-92.272	-848.18	-761.26	1,118.42	1,028.01	90.41	12.371			
11,050.00	10,805.89	10,750.00	10,601.72	56.29	44.04	-89.559	-868.05	-761.43	1,131.08	1,040.11	90.97	12.434			
11,100.00	10,838.59	10,786.26	10,620.31	56.68	44.33	-87.102	-899.18	-761.50	1,143.45	1,051.96	91.49	12.498			
11,150.00	10,868.14	10,816.15	10,634.22	57.08	44.58	-85.004	-925.64	-761.39	1,155.50	1,063.73	91.77	12.591			
11,200.00	10,894.34	10,850.00	10,648.37	57.48	44.87	-83.163	-956.38	-761.07	1,167.12	1,075.20	91.93	12.696			
11,250.00	10,917.01	10,875.70	10,657.95	57.89	45.10	-81.591	-980.22	-760.70	1,178.20	1,086.35	91.85	12.827			
11,300.00	10,935.99	10,900.00	10,666.08	58.31	45.31	-80.229	-1,003.11	-760.25	1,188.72	1,097.08	91.63	12.973			
11,350.00	10,951.16	10,935.10	10,676.18	58.73	45.63	-79.084	-1,036.72	-759.41	1,198.53	1,107.09	91.43	13.108			
11,400.00	10,962.40	10,964.80	10,683.19	59.15	45.91	-78.138	-1,065.56	-758.54	1,207.63	1,116.51	91.12	13.253			
11,450.00	10,969.64	11,000.00	10,689.66	59.57	46.24	-77.413	-1,100.13	-757.32	1,215.99	1,125.13	90.85	13.384			
11,500.00	10,972.84	11,024.32	10,692.95	60.00	46.47	-76.830	-1,124.21	-756.36	1,223.49	1,133.02	90.47	13.524			
11,514.23	10,973.00	11,032.81	10,693.87	60.12	46.56	-76.706	-1,132.64	-756.01	1,225.47	1,135.08	90.39	13.558			
11,550.00	10,973.00	11,050.00	10,695.37	60.42	46.72	-76.827	-1,149.75	-755.25	1,230.38	1,139.71	90.67	13.570			
11,600.00	10,973.00	11,084.37	10,696.92	60.85	47.06	-76.984	-1,184.04	-753.59	1,237.17	1,146.02	91.15	13.573			
11,650.00	10,973.00	11,151.84	10,697.00	61.27	47.76	-77.104	-1,251.44	-750.64	1,243.40	1,151.41	91.99	13.517			
11,700.00	10,973.00	11,238.34	10,697.00	61.71	48.70	-77.196	-1,337.92	-749.16	1,247.46	1,154.42	93.04	13.408			
11,750.00	10,973.00	11,325.23	10,697.00	62.13	49.69	-77.235	-1,424.81	-750.29	1,249.19	1,155.09	94.10	13.276			
11,773.11	10,973.00	11,351.78	10,697.00	62.33	50.01	-77.237	-1,451.35	-751.10	1,249.30	1,154.88	94.42	13.231			
11,800.00	10,973.00	11,378.67	10,697.00	62.57	50.34	-77.237	-1,478.22	-751.94	1,249.32	1,154.29	95.04	13.145			
11,850.00	10,973.00	11,428.67	10,697.00	63.01	50.96	-77.237	-1,528.20	-753.49	1,249.36	1,153.15	96.21	12.985			
11,900.00	10,973.00	11,478.67	10,697.00	63.46	51.59	-77.238	-1,578.17	-755.04	1,249.40	1,152.00	97.40	12.828			
11,950.00	10,973.00	11,528.67	10,697.00	63.93	52.23	-77.238	-1,628.15	-756.59	1,249.44	1,150.81	98.63	12.668			
12,000.00	10,973.00	11,578.67	10,697.00	64.40	52.88	-77.239	-1,678.12	-758.14	1,249.47	1,149.61	99.86	12.512			
12,050.00	10,973.00	11,628.67	10,697.00	64.89	53.55	-77.239	-1,728.10	-759.70	1,249.51	1,148.37	101.14	12.354			
12,100.00	10,973.00	11,678.67	10,697.00	65.40	54.23	-77.239	-1,778.08	-761.25	1,249.55	1,147.12	102.43	12.200			
12,150.00	10,973.00	11,728.67	10,697.00	65.91	54.92	-77.240	-1,828.05	-762.80	1,249.58	1,145.84	103.75	12.044			
12,200.00	10,973.00	11,778.67	10,697.00	66.43	55.61	-77.240	-1,878.03	-764.35	1,249.62	1,144.54	105.08	11.892			
12,250.00	10,973.00	11,828.67	10,697.00	66.97	56.32	-77.240	-1,928.00	-765.90	1,249.66	1,143.21	106.45	11.740			
12,300.00	10,973.00	11,878.67	10,697.00	67.51	57.04	-77.241	-1,977.98	-767.46	1,249.70	1,141.88	107.82	11.591			
12,350.00	10,973.00	11,928.67	10,697.00	68.07	57.77	-77.241	-2,027.95	-769.01	1,249.73	1,140.51	109.22	11.442			
12,400.00	10,973.00	11,978.67	10,697.00	68.64	58.50	-77.242	-2,077.93	-770.56	1,249.77	1,139.14	110.64	11.296			
12,450.00	10,973.00	12,028.67	10,697.00	69.22	59.25	-77.242	-2,127.91	-772.11	1,249.81	1,137.73	112.08	11.151			
12,500.00	10,973.00	12,078.67	10,697.00	69.81	60.00	-77.242	-2,177.88	-773.66	1,249.84	1,136.32	113.52	11.009			
12,550.00	10,973.00	12,128.67	10,697.00	70.41	60.76	-77.243	-2,227.86	-775.22	1,249.88	1,134.88	115.00	10.869			
12,600.00	10,973.00	12,178.67	10,697.00	71.01	61.53	-77.243	-2,277.83	-776.77	1,249.92	1,133.44	116.48	10.731			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-29 - 15WNH - OH - PERMIT														Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance				Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
12,650.00	10,973.00	12,228.67	10,697.00	71.63	62.31	-77.244	-2,327.81	-778.32	1,249.96	1,131.97	117.99	10.594			
12,700.00	10,973.00	12,278.67	10,697.00	72.26	63.09	-77.244	-2,377.79	-779.87	1,249.99	1,130.49	119.50	10.460			
12,750.00	10,973.00	12,328.67	10,697.00	72.90	63.88	-77.244	-2,427.76	-781.42	1,250.03	1,129.00	121.04	10.328			
12,800.00	10,973.00	12,378.67	10,697.00	73.54	64.68	-77.245	-2,477.74	-782.98	1,250.07	1,127.49	122.58	10.198			
12,850.00	10,973.00	12,428.67	10,697.00	74.20	65.48	-77.245	-2,527.71	-784.53	1,250.10	1,125.97	124.14	10.070			
12,900.00	10,973.00	12,478.67	10,697.00	74.86	66.29	-77.245	-2,577.69	-786.08	1,250.14	1,124.44	125.71	9.945			
12,950.00	10,973.00	12,528.67	10,697.00	75.53	67.11	-77.246	-2,627.67	-787.63	1,250.18	1,122.89	127.29	9.821			
13,000.00	10,973.00	12,578.67	10,697.00	76.21	67.93	-77.246	-2,677.64	-789.18	1,250.22	1,121.33	128.88	9.700			
13,050.00	10,973.00	12,628.67	10,697.00	76.90	68.76	-77.247	-2,727.62	-790.74	1,250.25	1,119.76	130.50	9.581			
13,100.00	10,973.00	12,678.67	10,697.00	77.59	69.59	-77.247	-2,777.59	-792.29	1,250.29	1,118.18	132.11	9.464			
13,150.00	10,973.00	12,728.67	10,697.00	78.30	70.43	-77.247	-2,827.57	-793.84	1,250.33	1,116.59	133.74	9.349			
13,200.00	10,973.00	12,778.67	10,697.00	79.00	71.27	-77.248	-2,877.55	-795.39	1,250.36	1,114.99	135.38	9.236			
13,250.00	10,973.00	12,828.67	10,697.00	79.72	72.12	-77.248	-2,927.52	-796.94	1,250.40	1,113.37	137.03	9.125			
13,300.00	10,973.00	12,878.67	10,697.00	80.45	72.97	-77.249	-2,977.50	-798.50	1,250.44	1,111.75	138.68	9.016			
13,350.00	10,973.00	12,928.67	10,697.00	81.18	73.82	-77.249	-3,027.47	-800.05	1,250.48	1,110.12	140.36	8.909			
13,400.00	10,973.00	12,978.67	10,697.00	81.91	74.68	-77.249	-3,077.45	-801.60	1,250.51	1,108.48	142.03	8.805			
13,450.00	10,973.00	13,028.67	10,697.00	82.66	75.55	-77.250	-3,127.42	-803.15	1,250.55	1,106.83	143.72	8.701			
13,500.00	10,973.00	13,078.67	10,697.00	83.41	76.42	-77.250	-3,177.40	-804.70	1,250.59	1,105.18	145.41	8.601			
13,550.00	10,973.00	13,128.67	10,697.00	84.17	77.29	-77.250	-3,227.38	-806.26	1,250.62	1,103.51	147.11	8.501			
13,600.00	10,973.00	13,178.67	10,697.00	84.93	78.17	-77.251	-3,277.35	-807.81	1,250.66	1,101.84	148.82	8.404			
13,650.00	10,973.00	13,228.67	10,697.00	85.70	79.05	-77.251	-3,327.33	-809.36	1,250.70	1,100.16	150.54	8.308			
13,700.00	10,973.00	13,278.67	10,697.00	86.47	79.93	-77.252	-3,377.30	-810.91	1,250.74	1,098.48	152.26	8.215			
13,750.00	10,973.00	13,328.67	10,697.00	87.25	80.82	-77.252	-3,427.28	-812.46	1,250.77	1,096.78	153.99	8.122			
13,800.00	10,973.00	13,378.67	10,697.00	88.03	81.71	-77.252	-3,477.26	-814.02	1,250.81	1,095.08	155.73	8.032			
13,850.00	10,973.00	13,428.67	10,697.00	88.82	82.60	-77.253	-3,527.23	-815.57	1,250.85	1,093.37	157.47	7.943			
13,900.00	10,973.00	13,478.67	10,697.00	89.62	83.49	-77.253	-3,577.21	-817.12	1,250.88	1,091.66	159.22	7.856			
13,950.00	10,973.00	13,528.67	10,697.00	90.42	84.39	-77.254	-3,627.18	-818.67	1,250.92	1,089.94	160.98	7.771			
14,000.00	10,973.00	13,578.67	10,697.00	91.22	85.30	-77.254	-3,677.16	-820.22	1,250.96	1,088.22	162.74	7.687			
14,050.00	10,973.00	13,628.67	10,697.00	92.03	86.20	-77.254	-3,727.14	-821.78	1,251.00	1,086.49	164.51	7.604			
14,100.00	10,973.00	13,678.67	10,697.00	92.84	87.11	-77.255	-3,777.11	-823.33	1,251.03	1,084.75	166.28	7.524			
14,150.00	10,973.00	13,728.67	10,697.00	93.66	88.02	-77.255	-3,827.09	-824.88	1,251.07	1,083.01	168.06	7.444			
14,200.00	10,973.00	13,778.67	10,697.00	94.48	88.93	-77.255	-3,877.06	-826.43	1,251.11	1,081.26	169.84	7.366			
14,250.00	10,973.00	13,828.67	10,697.00	95.31	89.85	-77.256	-3,927.04	-827.98	1,251.14	1,079.51	171.63	7.290			
14,300.00	10,973.00	13,878.67	10,697.00	96.14	90.76	-77.256	-3,977.01	-829.54	1,251.18	1,077.75	173.43	7.214			
14,350.00	10,973.00	13,928.67	10,697.00	96.97	91.68	-77.257	-4,026.99	-831.09	1,251.22	1,075.99	175.23	7.141			
14,400.00	10,973.00	13,978.67	10,697.00	97.81	92.61	-77.257	-4,076.97	-832.64	1,251.26	1,074.23	177.03	7.068			
14,450.00	10,973.00	14,028.67	10,697.00	98.65	93.53	-77.257	-4,126.94	-834.19	1,251.29	1,072.46	178.84	6.997			
14,500.00	10,973.00	14,078.67	10,697.00	99.50	94.46	-77.258	-4,176.92	-835.74	1,251.33	1,070.68	180.65	6.927			
14,550.00	10,973.00	14,128.67	10,697.00	100.35	95.39	-77.258	-4,226.89	-837.30	1,251.37	1,068.90	182.47	6.858			
14,600.00	10,973.00	14,178.67	10,697.00	101.20	96.32	-77.259	-4,276.87	-838.85	1,251.40	1,067.12	184.29	6.791			
14,650.00	10,973.00	14,228.67	10,697.00	102.06	97.25	-77.259	-4,326.85	-840.40	1,251.44	1,065.33	186.11	6.724			
14,700.00	10,973.00	14,278.67	10,697.00	102.92	98.18	-77.259	-4,376.82	-841.95	1,251.48	1,063.54	187.94	6.659			
14,750.00	10,973.00	14,328.67	10,697.00	103.78	99.12	-77.260	-4,426.80	-843.50	1,251.52	1,061.75	189.77	6.595			
14,800.00	10,973.00	14,378.67	10,697.00	104.64	100.06	-77.260	-4,476.77	-845.06	1,251.55	1,059.95	191.60	6.532			
14,850.00	10,973.00	14,428.67	10,697.00	105.51	101.00	-77.260	-4,526.75	-846.61	1,251.59	1,058.15	193.44	6.470			
14,900.00	10,973.00	14,478.67	10,697.00	106.38	101.94	-77.261	-4,576.73	-848.16	1,251.63	1,056.34	195.29	6.409			
14,950.00	10,973.00	14,528.67	10,697.00	107.26	102.88	-77.261	-4,626.70	-849.71	1,251.66	1,054.53	197.13	6.349			
15,000.00	10,973.00	14,578.67	10,697.00	108.13	103.83	-77.262	-4,676.68	-851.26	1,251.70	1,052.72	198.98	6.291			
15,050.00	10,973.00	14,628.67	10,697.00	109.01	104.77	-77.262	-4,726.65	-852.82	1,251.74	1,050.91	200.83	6.233			
15,100.00	10,973.00	14,678.67	10,697.00	109.90	105.72	-77.262	-4,776.63	-854.37	1,251.78	1,049.09	202.69	6.176			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-29 - 15WNH - OH - PERMIT														Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
15,150.00	10,973.00	14,728.67	10,697.00	110.78	106.67	-77.263	-4,826.60	-855.92	1,251.81	1,047.27	204.54	6.120			
15,200.00	10,973.00	14,778.67	10,697.00	111.67	107.62	-77.263	-4,876.58	-857.47	1,251.85	1,045.45	206.40	6.065			
15,250.00	10,973.00	14,828.67	10,697.00	112.56	108.57	-77.264	-4,926.56	-859.02	1,251.89	1,043.62	208.27	6.011			
15,300.00	10,973.00	14,878.67	10,697.00	113.45	109.52	-77.264	-4,976.53	-860.58	1,251.92	1,041.79	210.13	5.958			
15,350.00	10,973.00	14,928.67	10,697.00	114.35	110.48	-77.264	-5,026.51	-862.13	1,251.96	1,039.96	212.00	5.905			
15,400.00	10,973.00	14,978.67	10,697.00	115.24	111.43	-77.265	-5,076.48	-863.68	1,252.00	1,038.12	213.87	5.854			
15,450.00	10,973.00	15,028.67	10,697.00	116.14	112.39	-77.265	-5,126.46	-865.23	1,252.04	1,036.29	215.75	5.803			
15,500.00	10,973.00	15,078.67	10,697.00	117.05	113.35	-77.265	-5,176.44	-866.78	1,252.07	1,034.45	217.63	5.753			
15,550.00	10,973.00	15,128.67	10,697.00	117.95	114.31	-77.266	-5,226.41	-868.34	1,252.11	1,032.61	219.50	5.704			
15,600.00	10,973.00	15,178.67	10,697.00	118.85	115.27	-77.266	-5,276.39	-869.89	1,252.15	1,030.76	221.39	5.656			
15,650.00	10,973.00	15,228.67	10,697.00	119.76	116.23	-77.267	-5,326.36	-871.44	1,252.18	1,028.92	223.27	5.608			
15,700.00	10,973.00	15,278.67	10,697.00	120.67	117.19	-77.267	-5,376.34	-872.99	1,252.22	1,027.07	225.15	5.562			
15,750.00	10,973.00	15,328.67	10,697.00	121.58	118.16	-77.267	-5,426.32	-874.54	1,252.26	1,025.22	227.04	5.516			
15,800.00	10,973.00	15,378.67	10,697.00	122.50	119.12	-77.268	-5,476.29	-876.10	1,252.30	1,023.36	228.93	5.470			
15,850.00	10,973.00	15,428.67	10,697.00	123.41	120.09	-77.268	-5,526.27	-877.65	1,252.33	1,021.51	230.82	5.425			
15,900.00	10,973.00	15,478.67	10,697.00	124.33	121.06	-77.269	-5,576.24	-879.20	1,252.37	1,019.65	232.72	5.381			
15,950.00	10,973.00	15,528.67	10,697.00	125.25	122.02	-77.269	-5,626.22	-880.75	1,252.41	1,017.79	234.61	5.338			
16,000.00	10,973.00	15,578.67	10,697.00	126.17	122.99	-77.269	-5,676.20	-882.30	1,252.44	1,015.93	236.51	5.295			
16,050.00	10,973.00	15,628.67	10,697.00	127.09	123.96	-77.270	-5,726.17	-883.86	1,252.48	1,014.07	238.41	5.253			
16,100.00	10,973.00	15,678.67	10,697.00	128.02	124.93	-77.270	-5,776.15	-885.41	1,252.52	1,012.21	240.31	5.212			
16,150.00	10,973.00	15,728.67	10,697.00	128.94	125.91	-77.270	-5,826.12	-886.96	1,252.56	1,010.34	242.22	5.171			
16,200.00	10,973.00	15,778.67	10,697.00	129.87	126.88	-77.271	-5,876.10	-888.51	1,252.59	1,008.47	244.12	5.131			
16,250.00	10,973.00	15,828.67	10,697.00	130.80	127.85	-77.271	-5,926.07	-890.06	1,252.63	1,006.60	246.03	5.091			
16,300.00	10,973.00	15,878.67	10,697.00	131.73	128.83	-77.272	-5,976.05	-891.62	1,252.67	1,004.73	247.94	5.052			
16,350.00	10,973.00	15,928.67	10,697.00	132.66	129.80	-77.272	-6,026.03	-893.17	1,252.70	1,002.86	249.85	5.014			
16,400.00	10,973.00	15,978.67	10,697.00	133.60	130.78	-77.272	-6,076.00	-894.72	1,252.74	1,000.98	251.76	4.976			
16,450.00	10,973.00	16,028.67	10,697.00	134.53	131.75	-77.273	-6,125.98	-896.27	1,252.78	999.11	253.67	4.939			
16,500.00	10,973.00	16,078.67	10,697.00	135.47	132.73	-77.273	-6,175.95	-897.82	1,252.82	997.23	255.59	4.902			
16,550.00	10,973.00	16,128.67	10,697.00	136.40	133.71	-77.274	-6,225.93	-899.38	1,252.85	995.35	257.50	4.865			
16,600.00	10,973.00	16,178.67	10,697.00	137.34	134.69	-77.274	-6,275.91	-900.93	1,252.89	993.47	259.42	4.830			
16,650.00	10,973.00	16,228.67	10,697.00	138.28	135.67	-77.274	-6,325.88	-902.48	1,252.93	991.59	261.34	4.794			
16,700.00	10,973.00	16,278.67	10,697.00	139.22	136.65	-77.275	-6,375.86	-904.03	1,252.96	989.71	263.26	4.759			
16,750.00	10,973.00	16,328.67	10,697.00	140.17	137.63	-77.275	-6,425.83	-905.58	1,253.00	987.82	265.18	4.725			
16,800.00	10,973.00	16,378.67	10,697.00	141.11	138.61	-77.275	-6,475.81	-907.14	1,253.04	985.93	267.10	4.691			
16,850.00	10,973.00	16,428.67	10,697.00	142.06	139.59	-77.276	-6,525.79	-908.69	1,253.08	984.05	269.03	4.658			
16,900.00	10,973.00	16,478.67	10,697.00	143.00	140.58	-77.276	-6,575.76	-910.24	1,253.11	982.16	270.95	4.625			
16,950.00	10,973.00	16,528.67	10,697.00	143.95	141.56	-77.277	-6,625.74	-911.79	1,253.15	980.27	272.88	4.592			
17,000.00	10,973.00	16,578.67	10,697.00	144.90	142.54	-77.277	-6,675.71	-913.34	1,253.19	978.38	274.81	4.560			
17,050.00	10,973.00	16,628.67	10,697.00	145.85	143.53	-77.277	-6,725.69	-914.90	1,253.22	976.49	276.74	4.529			
17,100.00	10,973.00	16,678.67	10,697.00	146.80	144.51	-77.278	-6,775.66	-916.45	1,253.26	974.59	278.67	4.497			
17,150.00	10,973.00	16,728.67	10,697.00	147.75	145.50	-77.278	-6,825.64	-918.00	1,253.30	972.70	280.60	4.466			
17,200.00	10,973.00	16,778.67	10,697.00	148.70	146.49	-77.278	-6,875.62	-919.55	1,253.34	970.80	282.53	4.436			
17,250.00	10,973.00	16,828.67	10,697.00	149.66	147.47	-77.279	-6,925.59	-921.10	1,253.37	968.91	284.47	4.406			
17,300.00	10,973.00	16,878.67	10,697.00	150.61	148.46	-77.279	-6,975.57	-922.66	1,253.41	967.01	286.40	4.376			
17,350.00	10,973.00	16,928.67	10,697.00	151.57	149.45	-77.280	-7,025.54	-924.21	1,253.45	965.11	288.34	4.347			
17,400.00	10,973.00	16,978.67	10,697.00	152.52	150.44	-77.280	-7,075.52	-925.76	1,253.48	963.21	290.27	4.318			
17,450.00	10,973.00	17,028.67	10,697.00	153.48	151.43	-77.280	-7,125.50	-927.31	1,253.52	961.31	292.21	4.290			
17,500.00	10,973.00	17,078.67	10,697.00	154.44	152.42	-77.281	-7,175.47	-928.86	1,253.56	959.41	294.15	4.262			
17,550.00	10,973.00	17,128.67	10,697.00	155.40	153.41	-77.281	-7,225.45	-930.42	1,253.60	957.50	296.09	4.234			
17,600.00	10,973.00	17,178.67	10,697.00	156.36	154.40	-77.282	-7,275.42	-931.97	1,253.63	955.60	298.03	4.206			
17,650.00	10,973.00	17,228.67	10,697.00	157.32	155.39	-77.282	-7,325.40	-933.52	1,253.67	953.70	299.97	4.179			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-29 - 15WNH - OH - PERMIT														Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
17,700.00	10,973.00	17,278.67	10,697.00	158.28	156.38	-77.282	-7,375.38	-935.07	1,253.71	951.79	301.92	4.152			
17,750.00	10,973.00	17,328.67	10,697.00	159.24	157.37	-77.283	-7,425.35	-936.62	1,253.74	949.88	303.86	4.126			
17,800.00	10,973.00	17,378.67	10,697.00	160.21	158.36	-77.283	-7,475.33	-938.18	1,253.78	947.98	305.80	4.100			
17,850.00	10,973.00	17,428.67	10,697.00	161.17	159.36	-77.283	-7,525.30	-939.73	1,253.82	946.07	307.75	4.074			
17,900.00	10,973.00	17,478.67	10,697.00	162.14	160.35	-77.284	-7,575.28	-941.28	1,253.86	944.16	309.70	4.049			
17,950.00	10,973.00	17,528.67	10,697.00	163.10	161.34	-77.284	-7,625.25	-942.83	1,253.89	942.25	311.64	4.023			
18,000.00	10,973.00	17,578.67	10,697.00	164.07	162.34	-77.285	-7,675.23	-944.38	1,253.93	940.34	313.59	3.999			
18,050.00	10,973.00	17,628.67	10,697.00	165.04	163.33	-77.285	-7,725.21	-945.94	1,253.97	938.43	315.54	3.974			
18,100.00	10,973.00	17,678.67	10,697.00	166.01	164.33	-77.285	-7,775.18	-947.49	1,254.00	936.52	317.49	3.950			
18,150.00	10,973.00	17,728.67	10,697.00	166.97	165.32	-77.286	-7,825.16	-949.04	1,254.04	934.60	319.44	3.926			
18,200.00	10,973.00	17,778.67	10,697.00	167.94	166.32	-77.286	-7,875.13	-950.59	1,254.08	932.69	321.39	3.902			
18,250.00	10,973.00	17,828.67	10,697.00	168.92	167.32	-77.287	-7,925.11	-952.14	1,254.12	930.77	323.34	3.879			
18,300.00	10,973.00	17,878.67	10,697.00	169.89	168.31	-77.287	-7,975.09	-953.70	1,254.15	928.86	325.29	3.855			
18,350.00	10,973.00	17,928.67	10,697.00	170.86	169.31	-77.287	-8,025.06	-955.25	1,254.19	926.94	327.25	3.833			
18,400.00	10,973.00	17,978.67	10,697.00	171.83	170.31	-77.288	-8,075.04	-956.80	1,254.23	925.03	329.20	3.810			
18,450.00	10,973.00	18,028.67	10,697.00	172.80	171.30	-77.288	-8,125.01	-958.35	1,254.26	923.11	331.16	3.788			
18,500.00	10,973.00	18,078.67	10,697.00	173.78	172.30	-77.288	-8,174.99	-959.90	1,254.30	921.19	333.11	3.765			
18,550.00	10,973.00	18,128.67	10,697.00	174.75	173.30	-77.289	-8,224.97	-961.46	1,254.34	919.27	335.07	3.744			
18,600.00	10,973.00	18,178.67	10,697.00	175.73	174.30	-77.289	-8,274.94	-963.01	1,254.38	917.35	337.02	3.722			
18,650.00	10,973.00	18,228.67	10,697.00	176.70	175.30	-77.290	-8,324.92	-964.56	1,254.41	915.43	338.98	3.701			
18,700.00	10,973.00	18,278.67	10,697.00	177.68	176.30	-77.290	-8,374.89	-966.11	1,254.45	913.51	340.94	3.679			
18,750.00	10,973.00	18,328.67	10,697.00	178.65	177.30	-77.290	-8,424.87	-967.66	1,254.49	911.59	342.90	3.658			
18,800.00	10,973.00	18,378.67	10,697.00	179.63	178.30	-77.291	-8,474.85	-969.22	1,254.52	909.67	344.86	3.638			
18,850.00	10,973.00	18,428.67	10,697.00	180.61	179.30	-77.291	-8,524.82	-970.77	1,254.56	907.75	346.82	3.617			
18,900.00	10,973.00	18,478.67	10,697.00	181.59	180.30	-77.292	-8,574.80	-972.32	1,254.60	905.82	348.78	3.597			
18,950.00	10,973.00	18,528.67	10,697.00	182.57	181.30	-77.292	-8,624.77	-973.87	1,254.64	903.90	350.74	3.577			
19,000.00	10,973.00	18,578.67	10,697.00	183.55	182.30	-77.292	-8,674.75	-975.42	1,254.67	901.97	352.70	3.557			
19,050.00	10,973.00	18,628.67	10,697.00	184.53	183.30	-77.293	-8,724.72	-976.98	1,254.71	900.05	354.66	3.538			
19,100.00	10,973.00	18,678.67	10,697.00	185.51	184.30	-77.293	-8,774.70	-978.53	1,254.75	898.12	356.62	3.518			
19,150.00	10,973.00	18,728.67	10,697.00	186.49	185.30	-77.293	-8,824.68	-980.08	1,254.78	896.20	358.59	3.499			
19,200.00	10,973.00	18,778.67	10,697.00	187.47	186.31	-77.294	-8,874.65	-981.63	1,254.82	894.27	360.55	3.480			
19,250.00	10,973.00	18,828.67	10,697.00	188.45	187.31	-77.294	-8,924.63	-983.18	1,254.86	892.34	362.51	3.462			
19,300.00	10,973.00	18,878.67	10,697.00	189.43	188.31	-77.295	-8,974.60	-984.74	1,254.90	890.42	364.48	3.443			
19,350.00	10,973.00	18,928.67	10,697.00	190.42	189.31	-77.295	-9,024.58	-986.29	1,254.93	888.49	366.44	3.425			
19,400.00	10,973.00	18,978.67	10,697.00	191.40	190.32	-77.295	-9,074.56	-987.84	1,254.97	886.56	368.41	3.406			
19,450.00	10,973.00	19,028.67	10,697.00	192.38	191.32	-77.296	-9,124.53	-989.39	1,255.01	884.63	370.38	3.388			
19,500.00	10,973.00	19,078.67	10,697.00	193.37	192.32	-77.296	-9,174.51	-990.94	1,255.04	882.70	372.34	3.371			
19,550.00	10,973.00	19,128.67	10,697.00	194.35	193.33	-77.296	-9,224.48	-992.50	1,255.08	880.77	374.31	3.353			
19,600.00	10,973.00	19,178.67	10,697.00	195.34	194.33	-77.297	-9,274.46	-994.05	1,255.12	878.84	376.28	3.336			
19,650.00	10,973.00	19,228.67	10,697.00	196.32	195.34	-77.297	-9,324.44	-995.60	1,255.16	876.91	378.25	3.318			
19,700.00	10,973.00	19,278.67	10,697.00	197.31	196.34	-77.298	-9,374.41	-997.15	1,255.19	874.98	380.21	3.301			
19,750.00	10,973.00	19,328.67	10,697.00	198.30	197.35	-77.298	-9,424.39	-998.70	1,255.23	873.05	382.18	3.284			
19,800.00	10,973.00	19,378.67	10,697.00	199.28	198.35	-77.298	-9,474.36	-1,000.26	1,255.27	871.11	384.15	3.268			
19,850.00	10,973.00	19,428.67	10,697.00	200.27	199.36	-77.299	-9,524.34	-1,001.81	1,255.30	869.18	386.12	3.251			
19,900.00	10,973.00	19,478.67	10,697.00	201.26	200.36	-77.299	-9,574.31	-1,003.36	1,255.34	867.25	388.09	3.235			
19,950.00	10,973.00	19,528.67	10,697.00	202.25	201.37	-77.300	-9,624.29	-1,004.91	1,255.38	865.31	390.06	3.218			
20,000.00	10,973.00	19,578.67	10,697.00	203.24	202.37	-77.300	-9,674.27	-1,006.46	1,255.42	863.38	392.04	3.202			
20,050.00	10,973.00	19,628.67	10,697.00	204.22	203.38	-77.300	-9,724.24	-1,008.02	1,255.45	861.45	394.01	3.186			
20,100.00	10,973.00	19,678.67	10,697.00	205.21	204.39	-77.301	-9,774.22	-1,009.57	1,255.49	859.51	395.98	3.171			
20,150.00	10,973.00	19,728.67	10,697.00	206.20	205.39	-77.301	-9,824.19	-1,011.12	1,255.53	857.58	397.95	3.155			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - 15WNH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
20,200.00	10,973.00	19,778.67	10,697.00	207.19	206.40	-77.301	-9,874.17	-1,012.67	1,255.56	855.64	399.92	3.140			
20,250.00	10,973.00	19,828.67	10,697.00	208.18	207.41	-77.302	-9,924.15	-1,014.22	1,255.60	853.70	401.90	3.124			
20,300.00	10,973.00	19,878.67	10,697.00	209.17	208.41	-77.302	-9,974.12	-1,015.78	1,255.64	851.77	403.87	3.109			
20,350.00	10,973.00	19,928.67	10,697.00	210.17	209.42	-77.303	-10,024.10	-1,017.33	1,255.68	849.83	405.85	3.094			
20,400.00	10,973.00	19,978.67	10,697.00	211.16	210.43	-77.303	-10,074.07	-1,018.88	1,255.71	847.89	407.82	3.079			
20,450.00	10,973.00	20,028.67	10,697.00	212.15	211.44	-77.303	-10,124.05	-1,020.43	1,255.75	845.96	409.79	3.064			
20,500.00	10,973.00	20,078.67	10,697.00	213.14	212.44	-77.304	-10,174.03	-1,021.98	1,255.79	844.02	411.77	3.050			
20,550.00	10,973.00	20,128.67	10,697.00	214.13	213.45	-77.304	-10,224.00	-1,023.54	1,255.82	842.08	413.75	3.035			
20,600.00	10,973.00	20,178.67	10,697.00	215.13	214.46	-77.305	-10,273.98	-1,025.09	1,255.86	840.14	415.72	3.021			
20,650.00	10,973.00	20,228.67	10,697.00	216.12	215.47	-77.305	-10,323.95	-1,026.64	1,255.90	838.20	417.70	3.007			
20,700.00	10,973.00	20,278.67	10,697.00	217.11	216.48	-77.305	-10,373.93	-1,028.19	1,255.94	836.26	419.67	2.993			
20,750.00	10,973.00	20,328.67	10,697.00	218.11	217.49	-77.306	-10,423.91	-1,029.74	1,255.97	834.32	421.65	2.979			
20,800.00	10,973.00	20,378.67	10,697.00	219.10	218.50	-77.306	-10,473.88	-1,031.30	1,256.01	832.38	423.63	2.965			
20,850.00	10,973.00	20,428.67	10,697.00	220.10	219.50	-77.306	-10,523.86	-1,032.85	1,256.05	830.44	425.61	2.951			
20,900.00	10,973.00	20,478.67	10,697.00	221.09	220.51	-77.307	-10,573.83	-1,034.40	1,256.08	828.50	427.58	2.938			
20,950.00	10,973.00	20,528.67	10,697.00	222.08	221.52	-77.307	-10,623.81	-1,035.95	1,256.12	826.56	429.56	2.924			
21,000.00	10,973.00	20,578.67	10,697.00	223.08	222.53	-77.308	-10,673.78	-1,037.50	1,256.16	824.62	431.54	2.911			
21,050.00	10,973.00	20,628.67	10,697.00	224.08	223.54	-77.308	-10,723.76	-1,039.06	1,256.20	822.68	433.52	2.898			
21,100.00	10,973.00	20,678.67	10,697.00	225.07	224.55	-77.308	-10,773.74	-1,040.61	1,256.23	820.74	435.50	2.885			
21,150.00	10,973.00	20,728.67	10,697.00	226.07	225.56	-77.309	-10,823.71	-1,042.16	1,256.27	818.79	437.48	2.872			
21,200.00	10,973.00	20,778.67	10,697.00	227.06	226.57	-77.309	-10,873.69	-1,043.71	1,256.31	816.85	439.46	2.859			
21,250.00	10,973.00	20,828.67	10,697.00	228.06	227.58	-77.309	-10,923.66	-1,045.26	1,256.34	814.91	441.44	2.846			
21,300.00	10,973.00	20,878.67	10,697.00	229.06	228.59	-77.310	-10,973.64	-1,046.82	1,256.38	812.97	443.42	2.833			
21,350.00	10,973.00	20,928.67	10,697.00	230.05	229.60	-77.310	-11,023.62	-1,048.37	1,256.42	811.02	445.40	2.821			
21,400.00	10,973.00	20,978.67	10,697.00	231.05	230.62	-77.311	-11,073.59	-1,049.92	1,256.46	809.08	447.38	2.808			
21,450.00	10,973.00	21,028.67	10,697.00	232.05	231.63	-77.311	-11,123.57	-1,051.47	1,256.49	807.13	449.36	2.796			
21,500.00	10,973.00	21,078.67	10,697.00	233.05	232.64	-77.311	-11,173.54	-1,053.02	1,256.53	805.19	451.34	2.784			
21,550.00	10,973.00	21,128.67	10,697.00	234.05	233.65	-77.312	-11,223.52	-1,054.58	1,256.57	803.25	453.32	2.772			
21,600.00	10,973.00	21,178.67	10,697.00	235.04	234.66	-77.312	-11,273.50	-1,056.13	1,256.60	801.30	455.30	2.760			
21,650.00	10,973.00	21,228.67	10,697.00	236.04	235.67	-77.313	-11,323.47	-1,057.68	1,256.64	799.36	457.29	2.748			
21,700.00	10,973.00	21,278.67	10,697.00	237.04	236.68	-77.313	-11,373.45	-1,059.23	1,256.68	797.41	459.27	2.736			
21,750.00	10,973.00	21,328.67	10,697.00	238.04	237.70	-77.313	-11,423.42	-1,060.78	1,256.72	795.46	461.25	2.725			
21,800.00	10,973.00	21,378.67	10,697.00	239.04	238.71	-77.314	-11,473.40	-1,062.34	1,256.75	793.52	463.23	2.713			
21,850.00	10,973.00	21,428.67	10,697.00	240.04	239.72	-77.314	-11,523.37	-1,063.89	1,256.79	791.57	465.22	2.702			
21,900.00	10,973.00	21,478.67	10,697.00	241.04	240.73	-77.314	-11,573.35	-1,065.44	1,256.83	789.63	467.20	2.690			
21,950.00	10,973.00	21,528.67	10,697.00	242.04	241.74	-77.315	-11,623.33	-1,066.99	1,256.86	787.68	469.18	2.679			
22,000.00	10,973.00	21,578.67	10,697.00	243.04	242.76	-77.315	-11,673.30	-1,068.54	1,256.90	785.73	471.17	2.668			
22,050.00	10,973.00	21,628.67	10,697.00	244.04	243.77	-77.316	-11,723.28	-1,070.10	1,256.94	783.79	473.15	2.657			
22,100.00	10,973.00	21,678.67	10,697.00	245.04	244.78	-77.316	-11,773.25	-1,071.65	1,256.98	781.84	475.14	2.646			
22,150.00	10,973.00	21,728.67	10,697.00	246.04	245.79	-77.316	-11,823.23	-1,073.20	1,257.01	779.89	477.12	2.635			
22,200.00	10,973.00	21,778.67	10,697.00	247.05	246.81	-77.317	-11,873.21	-1,074.75	1,257.05	777.94	479.11	2.624			
22,250.00	10,973.00	21,828.67	10,697.00	248.05	247.82	-77.317	-11,923.18	-1,076.30	1,257.09	776.00	481.09	2.613			
22,300.00	10,973.00	21,878.67	10,697.00	249.05	248.83	-77.317	-11,973.16	-1,077.86	1,257.12	774.05	483.08	2.602			
22,350.00	10,973.00	21,928.67	10,697.00	250.05	249.85	-77.318	-12,023.13	-1,079.41	1,257.16	772.10	485.06	2.592			
22,400.00	10,973.00	21,978.67	10,697.00	251.05	250.86	-77.318	-12,073.11	-1,080.96	1,257.20	770.15	487.05	2.581			
22,450.00	10,973.00	22,028.67	10,697.00	252.06	251.87	-77.319	-12,123.09	-1,082.51	1,257.24	768.20	489.03	2.571			
22,500.00	10,973.00	22,078.67	10,697.00	253.06	252.89	-77.319	-12,173.06	-1,084.06	1,257.27	766.25	491.02	2.561			
22,550.00	10,973.00	22,128.67	10,697.00	254.06	253.90	-77.319	-12,223.04	-1,085.62	1,257.31	764.30	493.01	2.550			
22,600.00	10,973.00	22,178.67	10,697.00	255.06	254.91	-77.320	-12,273.01	-1,087.17	1,257.35	762.35	494.99	2.540			
22,650.00	10,973.00	22,228.67	10,697.00	256.07	255.93	-77.320	-12,322.99	-1,088.72	1,257.38	760.40	496.98	2.530			
22,700.00	10,973.00	22,278.67	10,697.00	257.07	256.94	-77.321	-12,372.96	-1,090.27	1,257.42	758.45	498.97	2.520			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
22,750.00	10,973.00	22,328.67	10,697.00	258.07	257.96	-77.321	-12,422.94	-1,091.82	1,257.46	756.50	500.95	2.510		
22,800.00	10,973.00	22,378.67	10,697.00	259.08	258.97	-77.321	-12,472.92	-1,093.38	1,257.50	754.55	502.94	2.500		
22,850.00	10,973.00	22,428.67	10,697.00	260.08	259.98	-77.322	-12,522.89	-1,094.93	1,257.53	752.60	504.93	2.491		
22,900.00	10,973.00	22,478.67	10,697.00	261.08	261.00	-77.322	-12,572.87	-1,096.48	1,257.57	750.65	506.92	2.481		
22,950.00	10,973.00	22,528.67	10,697.00	262.09	262.01	-77.322	-12,622.84	-1,098.03	1,257.61	748.70	508.91	2.471		
23,000.00	10,973.00	22,578.67	10,697.00	263.09	263.03	-77.323	-12,672.82	-1,099.58	1,257.64	746.75	510.89	2.462		
23,050.00	10,973.00	22,628.67	10,697.00	264.10	264.04	-77.323	-12,722.80	-1,101.14	1,257.68	744.80	512.88	2.452		
23,100.00	10,973.00	22,678.67	10,697.00	265.10	265.06	-77.324	-12,772.77	-1,102.69	1,257.72	742.85	514.87	2.443		
23,150.00	10,973.00	22,728.67	10,697.00	266.11	266.07	-77.324	-12,822.75	-1,104.24	1,257.76	740.90	516.86	2.433		
23,200.00	10,973.00	22,778.67	10,697.00	267.11	267.09	-77.324	-12,872.72	-1,105.79	1,257.79	738.94	518.85	2.424		
23,250.00	10,973.00	22,828.67	10,697.00	268.12	268.10	-77.325	-12,922.70	-1,107.34	1,257.83	736.99	520.84	2.415		
23,300.00	10,973.00	22,878.67	10,697.00	269.12	269.12	-77.325	-12,972.68	-1,108.90	1,257.87	735.04	522.83	2.406		
23,350.00	10,973.00	22,928.67	10,697.00	270.13	270.13	-77.325	-13,022.65	-1,110.45	1,257.90	733.09	524.82	2.397		
23,400.00	10,973.00	22,978.67	10,697.00	271.13	271.15	-77.326	-13,072.63	-1,112.00	1,257.94	731.13	526.81	2.388		
23,448.12	10,973.00	23,025.03	10,697.00	272.10	272.09	-77.326	-13,118.97	-1,113.44	1,257.98	729.29	528.69	2.379		



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - 16NH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
500.00	500.00	500.00	500.00	1.56	1.56	137.940	-44.53	40.18	59.98	56.85	3.13	19.177			
550.00	550.00	550.00	550.00	1.74	1.74	137.940	-44.53	40.18	59.98	56.49	3.49	17.205			
600.00	600.00	600.00	600.00	1.92	1.92	137.940	-44.53	40.18	59.98	56.13	3.84	15.601			
650.00	650.00	650.00	650.00	2.10	2.10	137.940	-44.53	40.18	59.98	55.77	4.20	14.270			
700.00	700.00	700.00	700.00	2.28	2.28	137.940	-44.53	40.18	59.98	55.42	4.56	13.149			
750.00	750.00	750.00	750.00	2.46	2.46	137.940	-44.53	40.18	59.98	55.06	4.92	12.191			
800.00	800.00	800.00	800.00	2.64	2.64	137.940	-44.53	40.18	59.98	54.70	5.28	11.363			
850.00	850.00	850.00	850.00	2.82	2.82	137.940	-44.53	40.18	59.98	54.34	5.64	10.640			
900.00	900.00	900.00	900.00	3.00	3.00	137.940	-44.53	40.18	59.98	53.98	6.00	10.004			
950.00	950.00	950.00	950.00	3.18	3.18	137.940	-44.53	40.18	59.98	53.62	6.35	9.440			
1,000.00	1,000.00	1,000.00	1,000.00	3.36	3.36	137.940	-44.53	40.18	59.98	53.27	6.71	8.935 CC, ES			
1,050.00	1,050.00	1,049.23	1,049.23	3.53	3.52	-114.451	-44.79	40.36	60.43	53.38	7.05	8.566			
1,100.00	1,099.99	1,098.42	1,098.41	3.70	3.69	-115.136	-45.57	40.91	61.80	54.40	7.40	8.355			
1,150.00	1,149.96	1,147.55	1,147.52	3.87	3.86	-116.211	-46.86	41.81	64.10	56.37	7.73	8.292			
1,200.00	1,199.91	1,196.59	1,196.50	4.04	4.02	-117.588	-48.67	43.08	67.36	59.29	8.06	8.352			
1,250.00	1,249.82	1,245.50	1,245.33	4.22	4.18	-119.168	-50.99	44.70	71.60	63.19	8.40	8.520			
1,300.00	1,299.69	1,294.25	1,293.95	4.39	4.35	-120.855	-53.81	46.68	76.84	68.10	8.74	8.790			
1,350.00	1,349.51	1,342.81	1,342.35	4.57	4.52	-122.564	-57.12	49.00	83.10	74.02	9.08	9.148			
1,400.00	1,399.27	1,392.07	1,391.41	4.75	4.69	-124.309	-60.81	51.58	90.18	80.75	9.43	9.565			
1,450.00	1,448.96	1,441.40	1,440.53	4.93	4.87	-126.098	-64.51	54.17	97.73	87.95	9.78	9.995			
1,500.00	1,498.57	1,490.64	1,489.56	5.12	5.04	-127.895	-68.20	56.75	105.76	95.64	10.13	10.445			
1,550.00	1,548.10	1,539.78	1,538.49	5.31	5.22	-129.674	-71.88	59.33	114.30	103.83	10.48	10.910			
1,600.00	1,597.54	1,588.80	1,587.31	5.50	5.40	-131.418	-75.56	61.90	123.38	112.55	10.83	11.394			
1,650.00	1,646.87	1,637.71	1,636.01	5.71	5.58	-133.113	-79.22	64.47	132.99	121.81	11.18	11.892			
1,700.00	1,696.09	1,686.49	1,684.58	5.91	5.76	-134.748	-82.88	67.03	143.17	131.64	11.54	12.411			
1,750.00	1,745.19	1,735.13	1,733.02	6.13	5.94	-136.319	-86.52	69.58	153.93	142.04	11.89	12.944			
1,776.96	1,771.62	1,761.30	1,759.08	6.24	6.04	-137.137	-88.48	70.96	159.97	147.89	12.08	13.239			
1,800.00	1,794.18	1,783.64	1,781.33	6.35	6.12	-137.860	-90.16	72.13	165.22	152.97	12.25	13.489			
1,850.00	1,843.15	1,832.13	1,829.62	6.57	6.30	-139.280	-93.79	74.67	176.68	164.08	12.61	14.013			
1,900.00	1,892.12	1,880.62	1,877.91	6.80	6.48	-140.527	-97.43	77.22	188.24	175.27	12.97	14.514			
1,950.00	1,941.09	1,929.11	1,926.19	7.03	6.67	-141.631	-101.06	79.76	199.88	186.54	13.33	14.991			
2,000.00	1,990.06	1,977.60	1,974.48	7.26	6.85	-142.613	-104.70	82.31	211.57	197.87	13.70	15.447			
2,050.00	2,039.02	2,026.09	2,022.77	7.50	7.04	-143.493	-108.33	84.85	223.32	209.26	14.06	15.881			
2,100.00	2,087.99	2,074.59	2,071.06	7.74	7.22	-144.285	-111.97	87.40	235.11	220.69	14.43	16.295			
2,150.00	2,136.96	2,123.08	2,119.34	7.98	7.41	-145.002	-115.60	89.94	246.95	232.15	14.80	16.690			
2,200.00	2,185.93	2,171.57	2,167.63	8.22	7.59	-145.653	-119.24	92.49	258.81	243.65	15.16	17.067			
2,250.00	2,234.90	2,220.06	2,215.92	8.47	7.78	-146.247	-122.87	95.03	270.71	255.17	15.53	17.426			
2,300.00	2,283.87	2,268.55	2,264.21	8.71	7.97	-146.791	-126.50	97.58	282.63	266.72	15.90	17.770			
2,350.00	2,332.84	2,317.04	2,312.50	8.96	8.15	-147.291	-130.14	100.12	294.57	278.29	16.28	18.098			
2,400.00	2,381.81	2,364.84	2,360.10	9.21	8.34	-147.751	-133.70	102.65	306.55	289.90	16.65	18.416			
2,450.00	2,430.78	2,411.04	2,406.10	9.46	8.52	-148.228	-136.86	105.43	318.81	301.80	17.01	18.742			
2,500.00	2,479.75	2,458.71	2,453.57	9.71	8.70	-148.746	-139.84	108.61	331.35	313.97	17.38	19.068			
2,550.00	2,528.72	2,507.02	2,501.68	9.96	8.89	-149.236	-142.85	111.85	343.92	326.18	17.75	19.380			
2,600.00	2,577.69	2,555.33	2,549.79	10.22	9.08	-149.692	-145.85	115.09	356.52	338.41	18.12	19.680			
2,650.00	2,626.65	2,603.65	2,597.90	10.47	9.27	-150.117	-148.86	118.33	369.14	350.66	18.49	19.968			
12,950.00	10,973.00	12,787.60	10,973.00	75.53	66.92	-90.000	-2,669.25	622.41	2,629.99	2,497.68	132.31	19.878			
13,000.00	10,973.00	12,837.60	10,973.00	76.21	67.74	-90.000	-2,719.22	620.90	2,630.07	2,496.15	133.92	19.639			
13,050.00	10,973.00	12,887.60	10,973.00	76.90	68.55	-90.000	-2,769.20	619.39	2,630.15	2,494.60	135.55	19.403			
13,100.00	10,973.00	12,937.60	10,973.00	77.59	69.38	-90.000	-2,819.18	617.88	2,630.23	2,493.04	137.19	19.172			
13,150.00	10,973.00	12,987.60	10,973.00	78.30	70.20	-90.000	-2,869.15	616.37	2,630.31	2,491.47	138.84	18.945			
13,200.00	10,973.00	13,037.60	10,973.00	79.00	71.03	-90.000	-2,919.13	614.86	2,630.39	2,489.89	140.50	18.722			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - 16NH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
13,250.00	10,973.00	13,087.60	10,973.00	79.72	71.87	-90.000	-2,969.11	613.35	2,630.47	2,488.30	142.17	18.502			
13,300.00	10,973.00	13,137.60	10,973.00	80.45	72.71	-90.000	-3,019.09	611.84	2,630.55	2,486.70	143.85	18.287			
13,350.00	10,973.00	13,187.60	10,973.00	81.18	73.56	-90.000	-3,069.06	610.33	2,630.63	2,485.09	145.54	18.075			
13,400.00	10,973.00	13,237.60	10,973.00	81.91	74.41	-90.000	-3,119.04	608.82	2,630.71	2,483.47	147.24	17.867			
13,450.00	10,973.00	13,287.60	10,973.00	82.66	75.27	-90.000	-3,169.02	607.31	2,630.79	2,481.84	148.95	17.662			
13,500.00	10,973.00	13,337.60	10,973.00	83.41	76.13	-90.000	-3,218.99	605.80	2,630.87	2,480.20	150.67	17.461			
13,550.00	10,973.00	13,387.60	10,973.00	84.17	76.99	-90.000	-3,268.97	604.29	2,630.95	2,478.56	152.39	17.264			
13,600.00	10,973.00	13,437.60	10,973.00	84.93	77.86	-90.000	-3,318.95	602.78	2,631.03	2,476.90	154.13	17.071			
13,650.00	10,973.00	13,487.60	10,973.00	85.70	78.73	-90.000	-3,368.93	601.27	2,631.11	2,475.24	155.87	16.880			
13,700.00	10,973.00	13,537.60	10,973.00	86.47	79.61	-90.000	-3,418.90	599.76	2,631.19	2,473.57	157.62	16.694			
13,750.00	10,973.00	13,587.60	10,973.00	87.25	80.49	-90.000	-3,468.88	598.25	2,631.27	2,471.90	159.37	16.510			
13,800.00	10,973.00	13,637.60	10,973.00	88.03	81.37	-90.000	-3,518.86	596.74	2,631.35	2,470.21	161.14	16.330			
13,850.00	10,973.00	13,687.60	10,973.00	88.82	82.26	-90.000	-3,568.83	595.23	2,631.43	2,468.52	162.91	16.153			
13,900.00	10,973.00	13,737.60	10,973.00	89.62	83.15	-90.000	-3,618.81	593.72	2,631.51	2,466.83	164.68	15.979			
13,950.00	10,973.00	13,787.60	10,973.00	90.42	84.04	-90.000	-3,668.79	592.21	2,631.59	2,465.12	166.47	15.808			
14,000.00	10,973.00	13,837.60	10,973.00	91.22	84.93	-90.000	-3,718.77	590.70	2,631.67	2,463.42	168.26	15.641			
14,050.00	10,973.00	13,887.60	10,973.00	92.03	85.83	-90.000	-3,768.74	589.19	2,631.75	2,461.70	170.05	15.476			
14,100.00	10,973.00	13,937.60	10,973.00	92.84	86.73	-90.000	-3,818.72	587.68	2,631.83	2,459.98	171.85	15.315			
14,150.00	10,973.00	13,987.60	10,973.00	93.66	87.64	-90.000	-3,868.70	586.17	2,631.91	2,458.25	173.66	15.156			
14,200.00	10,973.00	14,037.60	10,973.00	94.48	88.55	-90.000	-3,918.67	584.66	2,631.99	2,456.52	175.47	15.000			
14,250.00	10,973.00	14,087.60	10,973.00	95.31	89.45	-90.000	-3,968.65	583.15	2,632.07	2,454.78	177.29	14.846			
14,300.00	10,973.00	14,137.60	10,973.00	96.14	90.37	-90.000	-4,018.63	581.64	2,632.15	2,453.04	179.11	14.696			
14,350.00	10,973.00	14,187.60	10,973.00	96.97	91.28	-90.000	-4,068.61	580.13	2,632.23	2,451.29	180.94	14.548			
14,400.00	10,973.00	14,237.60	10,973.00	97.81	92.20	-90.000	-4,118.58	578.62	2,632.31	2,449.54	182.77	14.402			
14,450.00	10,973.00	14,287.60	10,973.00	98.65	93.12	-90.000	-4,168.56	577.11	2,632.39	2,447.78	184.61	14.259			
14,500.00	10,973.00	14,337.60	10,973.00	99.50	94.04	-90.000	-4,218.54	575.60	2,632.47	2,446.02	186.45	14.119			
14,550.00	10,973.00	14,387.60	10,973.00	100.35	94.96	-90.000	-4,268.51	574.09	2,632.55	2,444.26	188.29	13.981			
14,600.00	10,973.00	14,437.59	10,973.00	101.20	95.89	-90.000	-4,318.49	572.58	2,632.63	2,442.49	190.14	13.845			
14,650.00	10,973.00	14,487.59	10,973.00	102.06	96.81	-90.000	-4,368.47	571.07	2,632.71	2,440.71	192.00	13.712			
14,700.00	10,973.00	14,537.59	10,973.00	102.92	97.74	-90.000	-4,418.45	569.56	2,632.79	2,438.94	193.86	13.581			
14,750.00	10,973.00	14,587.59	10,973.00	103.78	98.67	-90.000	-4,468.42	568.05	2,632.87	2,437.15	195.72	13.452			
14,800.00	10,973.00	14,637.59	10,973.00	104.64	99.61	-90.000	-4,518.40	566.54	2,632.95	2,435.37	197.58	13.326			
14,850.00	10,973.00	14,687.59	10,973.00	105.51	100.54	-90.000	-4,568.38	565.03	2,633.03	2,433.58	199.45	13.201			
14,900.00	10,973.00	14,737.59	10,973.00	106.38	101.48	-90.000	-4,618.35	563.52	2,633.11	2,431.78	201.33	13.079			
14,950.00	10,973.00	14,787.59	10,973.00	107.26	102.42	-90.000	-4,668.33	562.01	2,633.19	2,429.99	203.20	12.958			
15,000.00	10,973.00	14,837.59	10,973.00	108.13	103.36	-90.000	-4,718.31	560.50	2,633.27	2,428.19	205.08	12.840			
15,050.00	10,973.00	14,887.59	10,973.00	109.01	104.30	-90.000	-4,768.29	558.99	2,633.35	2,426.38	206.97	12.724			
15,100.00	10,973.00	14,937.59	10,973.00	109.90	105.24	-90.000	-4,818.26	557.48	2,633.43	2,424.58	208.85	12.609			
15,150.00	10,973.00	14,987.59	10,973.00	110.78	106.19	-90.000	-4,868.24	555.97	2,633.51	2,422.77	210.74	12.496			
15,200.00	10,973.00	15,037.59	10,973.00	111.67	107.14	-90.000	-4,918.22	554.46	2,633.59	2,420.96	212.64	12.385			
15,250.00	10,973.00	15,087.59	10,973.00	112.56	108.08	-90.000	-4,968.19	552.95	2,633.67	2,419.14	214.53	12.276			
15,300.00	10,973.00	15,137.59	10,973.00	113.45	109.03	-90.000	-5,018.17	551.44	2,633.75	2,417.32	216.43	12.169			
15,350.00	10,973.00	15,187.59	10,973.00	114.35	109.98	-90.000	-5,068.15	549.93	2,633.83	2,415.50	218.33	12.063			
15,400.00	10,973.00	15,237.59	10,973.00	115.24	110.94	-90.000	-5,118.13	548.42	2,633.91	2,413.68	220.24	11.959			
15,450.00	10,973.00	15,287.59	10,973.00	116.14	111.89	-90.000	-5,168.10	546.91	2,633.99	2,411.85	222.14	11.857			
15,500.00	10,973.00	15,337.59	10,973.00	117.05	112.85	-90.000	-5,218.08	545.40	2,634.07	2,410.02	224.05	11.757			
15,550.00	10,973.00	15,387.59	10,973.00	117.95	113.80	-90.000	-5,268.06	543.89	2,634.15	2,408.19	225.96	11.657			
15,600.00	10,973.00	15,437.59	10,973.00	118.85	114.76	-90.000	-5,318.03	542.38	2,634.23	2,406.35	227.88	11.560			
15,650.00	10,973.00	15,487.59	10,973.00	119.76	115.72	-90.000	-5,368.01	540.87	2,634.31	2,404.52	229.80	11.464			
15,700.00	10,973.00	15,537.59	10,973.00	120.67	116.68	-90.000	-5,417.99	539.36	2,634.39	2,402.68	231.71	11.369			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-29 - 16NH - OH - PERMIT													Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,750.00	10,973.00	15,587.59	10,973.00	121.58	117.64	-90.000	-5,467.97	537.85	2,634.47	2,400.84	233.64	11.276		
15,800.00	10,973.00	15,637.59	10,973.00	122.50	118.60	-90.000	-5,517.94	536.34	2,634.55	2,398.99	235.56	11.184		
15,850.00	10,973.00	15,687.59	10,973.00	123.41	119.56	-90.000	-5,567.92	534.83	2,634.63	2,397.15	237.49	11.094		
15,900.00	10,973.00	15,737.59	10,973.00	124.33	120.53	-90.000	-5,617.90	533.32	2,634.71	2,395.30	239.41	11.005		
15,950.00	10,973.00	15,787.59	10,973.00	125.25	121.49	-90.000	-5,667.87	531.81	2,634.79	2,393.45	241.34	10.917		
16,000.00	10,973.00	15,837.59	10,973.00	126.17	122.46	-90.000	-5,717.85	530.30	2,634.87	2,391.60	243.28	10.831		
16,050.00	10,973.00	15,887.59	10,973.00	127.09	123.43	-90.000	-5,767.83	528.79	2,634.95	2,389.74	245.21	10.746		
16,100.00	10,973.00	15,937.59	10,973.00	128.02	124.39	-90.000	-5,817.81	527.28	2,635.03	2,387.89	247.15	10.662		
16,150.00	10,973.00	15,987.59	10,973.00	128.94	125.36	-90.000	-5,867.78	525.77	2,635.11	2,386.03	249.08	10.579		
16,200.00	10,973.00	16,037.59	10,973.00	129.87	126.33	-90.000	-5,917.76	524.26	2,635.19	2,384.17	251.02	10.498		
16,250.00	10,973.00	16,087.59	10,973.00	130.80	127.30	-90.000	-5,967.74	522.75	2,635.27	2,382.31	252.97	10.418		
16,300.00	10,973.00	16,137.59	10,973.00	131.73	128.28	-90.000	-6,017.71	521.24	2,635.35	2,380.44	254.91	10.338		
16,350.00	10,973.00	16,187.59	10,973.00	132.66	129.25	-90.000	-6,067.69	519.73	2,635.43	2,378.58	256.85	10.260		
16,400.00	10,973.00	16,237.59	10,973.00	133.60	130.22	-90.000	-6,117.67	518.22	2,635.51	2,376.71	258.80	10.184		
16,450.00	10,973.00	16,287.59	10,973.00	134.53	131.20	-90.000	-6,167.65	516.71	2,635.59	2,374.84	260.75	10.108		
16,500.00	10,973.00	16,337.59	10,973.00	135.47	132.17	-90.000	-6,217.62	515.20	2,635.67	2,372.97	262.70	10.033		
16,550.00	10,973.00	16,387.59	10,973.00	136.40	133.15	-90.000	-6,267.60	513.69	2,635.75	2,371.10	264.65	9.959		
16,600.00	10,973.00	16,437.59	10,973.00	137.34	134.12	-90.000	-6,317.58	512.18	2,635.83	2,369.23	266.60	9.887		
16,650.00	10,973.00	16,487.59	10,973.00	138.28	135.10	-90.000	-6,367.55	510.67	2,635.91	2,367.35	268.56	9.815		
16,700.00	10,973.00	16,537.59	10,973.00	139.22	136.08	-90.000	-6,417.53	509.16	2,635.99	2,365.48	270.51	9.744		
16,750.00	10,973.00	16,587.59	10,973.00	140.17	137.06	-90.000	-6,467.51	507.65	2,636.07	2,363.60	272.47	9.675		
16,800.00	10,973.00	16,637.59	10,973.00	141.11	138.04	-90.000	-6,517.49	506.14	2,636.15	2,361.72	274.43	9.606		
16,850.00	10,973.00	16,687.59	10,973.00	142.06	139.02	-90.000	-6,567.46	504.63	2,636.23	2,359.84	276.39	9.538		
16,900.00	10,973.00	16,737.59	10,973.00	143.00	140.00	-90.000	-6,617.44	503.12	2,636.31	2,357.96	278.35	9.471		
16,950.00	10,973.00	16,787.59	10,973.00	143.95	140.98	-90.000	-6,667.42	501.61	2,636.39	2,356.08	280.32	9.405		
17,000.00	10,973.00	16,837.59	10,973.00	144.90	141.96	-90.000	-6,717.39	500.10	2,636.47	2,354.19	282.28	9.340		
17,050.00	10,973.00	16,887.59	10,973.00	145.85	142.94	-90.000	-6,767.37	498.59	2,636.55	2,352.31	284.25	9.276		
17,100.00	10,973.00	16,937.59	10,973.00	146.80	143.93	-90.000	-6,817.35	497.08	2,636.63	2,350.42	286.21	9.212		
17,150.00	10,973.00	16,987.59	10,973.00	147.75	144.91	-90.000	-6,867.33	495.57	2,636.71	2,348.53	288.18	9.150		
17,200.00	10,973.00	17,037.59	10,973.00	148.70	145.90	-90.000	-6,917.30	494.06	2,636.79	2,346.64	290.15	9.088		
17,250.00	10,973.00	17,087.59	10,973.00	149.66	146.88	-90.000	-6,967.28	492.55	2,636.87	2,344.75	292.12	9.027		
17,300.00	10,973.00	17,137.59	10,973.00	150.61	147.87	-90.000	-7,017.26	491.04	2,636.95	2,342.86	294.09	8.966		
17,350.00	10,973.00	17,187.59	10,973.00	151.57	148.85	-90.000	-7,067.23	489.53	2,637.03	2,340.97	296.06	8.907		
17,400.00	10,973.00	17,237.59	10,973.00	152.52	149.84	-90.000	-7,117.21	488.02	2,637.11	2,339.08	298.04	8.848		
17,450.00	10,973.00	17,287.59	10,973.00	153.48	150.83	-90.000	-7,167.19	486.51	2,637.19	2,337.18	300.01	8.790		
17,500.00	10,973.00	17,337.59	10,973.00	154.44	151.82	-90.000	-7,217.17	485.00	2,637.27	2,335.29	301.99	8.733		
17,550.00	10,973.00	17,387.59	10,973.00	155.40	152.80	-90.000	-7,267.14	483.49	2,637.35	2,333.39	303.96	8.677		
17,600.00	10,973.00	17,437.59	10,973.00	156.36	153.79	-90.000	-7,317.12	481.98	2,637.43	2,331.49	305.94	8.621		
17,650.00	10,973.00	17,487.59	10,973.00	157.32	154.78	-90.000	-7,367.10	480.47	2,637.51	2,329.59	307.92	8.566		
17,700.00	10,973.00	17,537.59	10,973.00	158.28	155.77	-90.000	-7,417.07	478.96	2,637.59	2,327.69	309.90	8.511		
17,750.00	10,973.00	17,587.59	10,973.00	159.24	156.76	-90.000	-7,467.05	477.45	2,637.67	2,325.79	311.88	8.457		
17,800.00	10,973.00	17,637.59	10,973.00	160.21	157.75	-90.000	-7,517.03	475.94	2,637.75	2,323.89	313.86	8.404		
17,850.00	10,973.00	17,687.59	10,973.00	161.17	158.75	-90.000	-7,567.01	474.43	2,637.83	2,321.99	315.85	8.352		
17,900.00	10,973.00	17,737.59	10,973.00	162.14	159.74	-90.000	-7,616.98	472.92	2,637.91	2,320.08	317.83	8.300		
17,950.00	10,973.00	17,787.59	10,973.00	163.10	160.73	-90.000	-7,666.96	471.41	2,637.99	2,318.18	319.81	8.249		
18,000.00	10,973.00	17,837.59	10,973.00	164.07	161.72	-90.000	-7,716.94	469.90	2,638.07	2,316.27	321.80	8.198		
18,050.00	10,973.00	17,887.59	10,973.00	165.04	162.72	-90.000	-7,766.91	468.39	2,638.15	2,314.37	323.79	8.148		
18,100.00	10,973.00	17,937.59	10,973.00	166.01	163.71	-90.000	-7,816.89	466.88	2,638.23	2,312.46	325.77	8.098		
18,150.00	10,973.00	17,987.59	10,973.00	166.97	164.70	-90.000	-7,866.87	465.37	2,638.31	2,310.55	327.76	8.050		
18,200.00	10,973.00	18,037.59	10,973.00	167.94	165.70	-90.000	-7,916.84	463.86	2,638.39	2,308.64	329.75	8.001		
18,250.00	10,973.00	18,087.59	10,973.00	168.92	166.69	-90.000	-7,966.82	462.35	2,638.47	2,306.74	331.74	7.953		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-29 - 16NH - OH - PERMIT													Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
18,300.00	10,973.00	18,137.59	10,973.00	169.89	167.69	-90.000	-8,016.80	460.84	2,638.55	2,304.83	333.73	7.906		
18,350.00	10,973.00	18,187.59	10,973.00	170.86	168.68	-90.000	-8,066.78	459.33	2,638.63	2,302.91	335.72	7.860		
18,400.00	10,973.00	18,237.59	10,973.00	171.83	169.68	-90.000	-8,116.75	457.82	2,638.71	2,301.00	337.71	7.814		
18,450.00	10,973.00	18,287.59	10,973.00	172.80	170.67	-90.000	-8,166.73	456.31	2,638.79	2,299.09	339.70	7.768		
18,500.00	10,973.00	18,337.59	10,973.00	173.78	171.67	-90.000	-8,216.71	454.80	2,638.87	2,297.18	341.70	7.723		
18,550.00	10,973.00	18,387.59	10,973.00	174.75	172.67	-90.000	-8,266.68	453.29	2,638.95	2,295.26	343.69	7.678		
18,600.00	10,973.00	18,437.59	10,973.00	175.73	173.67	-90.000	-8,316.66	451.78	2,639.03	2,293.35	345.69	7.634		
18,650.00	10,973.00	18,487.59	10,973.00	176.70	174.66	-90.000	-8,366.64	450.27	2,639.11	2,291.43	347.68	7.591		
18,700.00	10,973.00	18,537.59	10,973.00	177.68	175.66	-90.000	-8,416.62	448.76	2,639.19	2,289.52	349.68	7.548		
18,750.00	10,973.00	18,587.59	10,973.00	178.65	176.66	-90.000	-8,466.59	447.25	2,639.27	2,287.60	351.67	7.505		
18,800.00	10,973.00	18,637.59	10,973.00	179.63	177.66	-90.000	-8,516.57	445.74	2,639.35	2,285.68	353.67	7.463		
18,850.00	10,973.00	18,687.59	10,973.00	180.61	178.66	-90.000	-8,566.55	444.23	2,639.43	2,283.77	355.67	7.421		
18,900.00	10,973.00	18,737.59	10,973.00	181.59	179.66	-90.000	-8,616.52	442.72	2,639.51	2,281.85	357.67	7.380		
18,950.00	10,973.00	18,787.59	10,973.00	182.57	180.66	-90.000	-8,666.50	441.21	2,639.59	2,279.93	359.67	7.339		
19,000.00	10,973.00	18,837.59	10,973.00	183.55	181.66	-90.000	-8,716.48	439.70	2,639.67	2,278.01	361.67	7.299		
19,050.00	10,973.00	18,887.59	10,973.00	184.53	182.66	-90.000	-8,766.46	438.19	2,639.75	2,276.09	363.67	7.259		
19,100.00	10,973.00	18,937.59	10,973.00	185.51	183.66	-90.000	-8,816.43	436.68	2,639.83	2,274.17	365.67	7.219		
19,150.00	10,973.00	18,987.59	10,973.00	186.49	184.66	-90.000	-8,866.41	435.17	2,639.91	2,272.24	367.67	7.180		
19,200.00	10,973.00	19,037.59	10,973.00	187.47	185.66	-90.000	-8,916.39	433.66	2,639.99	2,270.32	369.67	7.141		
19,250.00	10,973.00	19,087.59	10,973.00	188.45	186.66	-90.000	-8,966.36	432.15	2,640.07	2,268.40	371.68	7.103		
19,300.00	10,973.00	19,137.59	10,973.00	189.43	187.66	-90.000	-9,016.34	430.64	2,640.15	2,266.48	373.68	7.065		
19,350.00	10,973.00	19,187.59	10,973.00	190.42	188.66	-90.000	-9,066.32	429.13	2,640.23	2,264.55	375.68	7.028		
19,400.00	10,973.00	19,237.59	10,973.00	191.40	189.67	-90.000	-9,116.30	427.62	2,640.32	2,262.63	377.69	6.991		
19,450.00	10,973.00	19,287.59	10,973.00	192.38	190.67	-90.000	-9,166.27	426.11	2,640.40	2,260.70	379.69	6.954		
19,500.00	10,973.00	19,337.59	10,973.00	193.37	191.67	-90.000	-9,216.25	424.60	2,640.48	2,258.78	381.70	6.918		
19,550.00	10,973.00	19,387.59	10,973.00	194.35	192.67	-90.000	-9,266.23	423.09	2,640.56	2,256.85	383.70	6.882		
19,600.00	10,973.00	19,437.59	10,973.00	195.34	193.68	-90.000	-9,316.20	421.58	2,640.64	2,254.93	385.71	6.846		
19,650.00	10,973.00	19,487.59	10,973.00	196.32	194.68	-90.000	-9,366.18	420.07	2,640.72	2,253.00	387.72	6.811		
19,700.00	10,973.00	19,537.59	10,973.00	197.31	195.69	-90.000	-9,416.16	418.56	2,640.80	2,251.07	389.72	6.776		
19,750.00	10,973.00	19,587.59	10,973.00	198.30	196.69	-90.000	-9,466.14	417.05	2,640.88	2,249.14	391.73	6.742		
19,800.00	10,973.00	19,637.59	10,973.00	199.28	197.69	-90.000	-9,516.11	415.54	2,640.96	2,247.22	393.74	6.707		
19,850.00	10,973.00	19,687.59	10,973.00	200.27	198.70	-90.000	-9,566.09	414.02	2,641.04	2,245.29	395.75	6.674		
19,900.00	10,973.00	19,737.59	10,973.00	201.26	199.70	-90.000	-9,616.07	412.51	2,641.12	2,243.36	397.76	6.640		
19,950.00	10,973.00	19,787.59	10,973.00	202.25	200.71	-90.000	-9,666.04	411.00	2,641.20	2,241.43	399.77	6.607		
20,000.00	10,973.00	19,837.59	10,973.00	203.24	201.71	-90.000	-9,716.02	409.49	2,641.28	2,239.50	401.78	6.574		
20,050.00	10,973.00	19,887.59	10,973.00	204.22	202.72	-90.000	-9,766.00	407.98	2,641.36	2,237.57	403.79	6.541		
20,100.00	10,973.00	19,937.59	10,973.00	205.21	203.72	-90.000	-9,815.98	406.47	2,641.44	2,235.64	405.80	6.509		
20,150.00	10,973.00	19,987.59	10,973.00	206.20	204.73	-90.000	-9,865.95	404.96	2,641.52	2,233.70	407.81	6.477		
20,200.00	10,973.00	20,037.59	10,973.00	207.19	205.74	-90.000	-9,915.93	403.45	2,641.60	2,231.77	409.82	6.446		
20,250.00	10,973.00	20,087.59	10,973.00	208.18	206.74	-90.000	-9,965.91	401.94	2,641.68	2,229.84	411.84	6.414		
20,300.00	10,973.00	20,137.59	10,973.00	209.17	207.75	-90.000	-10,015.88	400.43	2,641.76	2,227.91	413.85	6.383		
20,350.00	10,973.00	20,187.59	10,973.00	210.17	208.76	-90.000	-10,065.86	398.92	2,641.84	2,225.97	415.86	6.353		
20,400.00	10,973.00	20,237.59	10,973.00	211.16	209.76	-90.000	-10,115.84	397.41	2,641.92	2,224.04	417.88	6.322		
20,450.00	10,973.00	20,287.59	10,973.00	212.15	210.77	-90.000	-10,165.82	395.90	2,642.00	2,222.11	419.89	6.292		
20,500.00	10,973.00	20,337.59	10,973.00	213.14	211.78	-90.000	-10,215.79	394.39	2,642.08	2,220.17	421.90	6.262		
20,550.00	10,973.00	20,387.59	10,973.00	214.13	212.78	-90.000	-10,265.77	392.88	2,642.16	2,218.24	423.92	6.233		
20,600.00	10,973.00	20,437.59	10,973.00	215.13	213.79	-90.000	-10,315.75	391.37	2,642.24	2,216.30	425.93	6.203		
20,650.00	10,973.00	20,487.59	10,973.00	216.12	214.80	-90.000	-10,365.72	389.86	2,642.32	2,214.37	427.95	6.174		
20,700.00	10,973.00	20,537.59	10,973.00	217.11	215.81	-90.000	-10,415.70	388.35	2,642.40	2,212.43	429.96	6.146		
20,750.00	10,973.00	20,587.59	10,973.00	218.11	216.82	-90.000	-10,465.68	386.84	2,642.48	2,210.50	431.98	6.117		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - 16NH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
20,800.00	10,973.00	20,637.59	10,973.00	219.10	217.82	-90.000	-10,515.66	385.33	2,642.56	2,208.56	434.00	6.089			
20,850.00	10,973.00	20,687.59	10,973.00	220.10	218.83	-90.000	-10,565.63	383.82	2,642.64	2,206.62	436.01	6.061			
20,900.00	10,973.00	20,737.59	10,973.00	221.09	219.84	-90.000	-10,615.61	382.31	2,642.72	2,204.68	438.03	6.033			
20,950.00	10,973.00	20,787.59	10,973.00	222.08	220.85	-90.000	-10,665.59	380.80	2,642.80	2,202.75	440.05	6.006			
21,000.00	10,973.00	20,837.59	10,973.00	223.08	221.86	-90.000	-10,715.56	379.29	2,642.88	2,200.81	442.07	5.978			
21,050.00	10,973.00	20,887.59	10,973.00	224.08	222.87	-90.000	-10,765.54	377.78	2,642.96	2,198.87	444.09	5.951			
21,100.00	10,973.00	20,937.59	10,973.00	225.07	223.88	-90.000	-10,815.52	376.27	2,643.04	2,196.93	446.10	5.925			
21,150.00	10,973.00	20,987.59	10,973.00	226.07	224.89	-90.000	-10,865.50	374.76	2,643.12	2,194.99	448.12	5.898			
21,200.00	10,973.00	21,037.59	10,973.00	227.06	225.90	-90.000	-10,915.47	373.25	2,643.20	2,193.05	450.14	5.872			
21,250.00	10,973.00	21,087.59	10,973.00	228.06	226.91	-90.000	-10,965.45	371.74	2,643.28	2,191.12	452.16	5.846			
21,300.00	10,973.00	21,137.59	10,973.00	229.06	227.92	-90.000	-11,015.43	370.23	2,643.36	2,189.18	454.18	5.820			
21,350.00	10,973.00	21,187.59	10,973.00	230.05	228.93	-90.000	-11,065.40	368.72	2,643.44	2,187.24	456.20	5.794			
21,400.00	10,973.00	21,237.59	10,973.00	231.05	229.94	-90.000	-11,115.38	367.21	2,643.52	2,185.29	458.22	5.769			
21,450.00	10,973.00	21,287.59	10,973.00	232.05	230.95	-90.000	-11,165.36	365.70	2,643.60	2,183.35	460.24	5.744			
21,500.00	10,973.00	21,337.59	10,973.00	233.05	231.96	-90.000	-11,215.34	364.19	2,643.68	2,181.41	462.26	5.719			
21,550.00	10,973.00	21,387.59	10,973.00	234.05	232.97	-90.000	-11,265.31	362.68	2,643.76	2,179.47	464.28	5.694			
21,600.00	10,973.00	21,437.59	10,973.00	235.04	233.98	-90.000	-11,315.29	361.17	2,643.84	2,177.53	466.31	5.670			
21,650.00	10,973.00	21,487.59	10,973.00	236.04	234.99	-90.000	-11,365.27	359.66	2,643.92	2,175.59	468.33	5.645			
21,700.00	10,973.00	21,537.59	10,973.00	237.04	236.00	-90.000	-11,415.24	358.15	2,644.00	2,173.65	470.35	5.621			
21,750.00	10,973.00	21,587.59	10,973.00	238.04	237.01	-90.000	-11,465.22	356.64	2,644.08	2,171.70	472.37	5.597			
21,800.00	10,973.00	21,637.59	10,973.00	239.04	238.02	-90.000	-11,515.20	355.13	2,644.16	2,169.76	474.40	5.574			
21,850.00	10,973.00	21,687.59	10,973.00	240.04	239.04	-90.000	-11,565.18	353.62	2,644.24	2,167.82	476.42	5.550			
21,900.00	10,973.00	21,737.59	10,973.00	241.04	240.05	-90.000	-11,615.15	352.11	2,644.32	2,165.88	478.44	5.527			
21,950.00	10,973.00	21,787.59	10,973.00	242.04	241.06	-90.000	-11,665.13	350.60	2,644.40	2,163.93	480.46	5.504			
22,000.00	10,973.00	21,837.59	10,973.00	243.04	242.07	-90.000	-11,715.11	349.09	2,644.48	2,161.99	482.49	5.481			
22,050.00	10,973.00	21,887.59	10,973.00	244.04	243.08	-90.000	-11,765.08	347.58	2,644.56	2,160.04	484.51	5.458			
22,100.00	10,973.00	21,937.59	10,973.00	245.04	244.10	-90.000	-11,815.06	346.07	2,644.64	2,158.10	486.54	5.436			
22,150.00	10,973.00	21,987.59	10,973.00	246.04	245.11	-90.000	-11,865.04	344.56	2,644.72	2,156.16	488.56	5.413			
22,200.00	10,973.00	22,037.59	10,973.00	247.05	246.12	-90.000	-11,915.02	343.05	2,644.80	2,154.21	490.59	5.391			
22,250.00	10,973.00	22,087.59	10,973.00	248.05	247.13	-90.000	-11,964.99	341.54	2,644.88	2,152.27	492.61	5.369			
22,300.00	10,973.00	22,137.59	10,973.00	249.05	248.15	-90.000	-12,014.97	340.03	2,644.96	2,150.32	494.64	5.347			
22,350.00	10,973.00	22,187.59	10,973.00	250.05	249.16	-90.000	-12,064.95	338.52	2,645.04	2,148.38	496.66	5.326			
22,400.00	10,973.00	22,237.59	10,973.00	251.05	250.17	-90.000	-12,114.92	337.01	2,645.12	2,146.43	498.69	5.304			
22,450.00	10,973.00	22,287.59	10,973.00	252.06	251.18	-90.000	-12,164.90	335.50	2,645.20	2,144.48	500.71	5.283			
22,500.00	10,973.00	22,337.59	10,973.00	253.06	252.20	-90.000	-12,214.88	333.99	2,645.28	2,142.54	502.74	5.262			
22,550.00	10,973.00	22,387.58	10,973.00	254.06	253.21	-90.000	-12,264.86	332.48	2,645.36	2,140.59	504.77	5.241			
22,600.00	10,973.00	22,437.58	10,973.00	255.06	254.22	-90.000	-12,314.83	330.97	2,645.44	2,138.65	506.79	5.220			
22,650.00	10,973.00	22,487.58	10,973.00	256.07	255.24	-90.000	-12,364.81	329.46	2,645.52	2,136.70	508.82	5.199			
22,700.00	10,973.00	22,537.58	10,973.00	257.07	256.25	-90.000	-12,414.79	327.95	2,645.60	2,134.75	510.85	5.179			
22,750.00	10,973.00	22,587.58	10,973.00	258.07	257.27	-90.000	-12,464.76	326.44	2,645.68	2,132.80	512.87	5.159			
22,800.00	10,973.00	22,637.58	10,973.00	259.08	258.28	-90.000	-12,514.74	324.93	2,645.76	2,130.86	514.90	5.138			
22,850.00	10,973.00	22,687.58	10,973.00	260.08	259.29	-90.000	-12,564.72	323.42	2,645.84	2,128.91	516.93	5.118			
22,900.00	10,973.00	22,737.58	10,973.00	261.08	260.31	-90.000	-12,614.70	321.91	2,645.92	2,126.96	518.96	5.099			
22,950.00	10,973.00	22,787.58	10,973.00	262.09	261.32	-90.000	-12,664.67	320.40	2,646.00	2,125.01	520.98	5.079			
23,000.00	10,973.00	22,837.58	10,973.00	263.09	262.34	-90.000	-12,714.65	318.89	2,646.08	2,123.07	523.01	5.059			
23,050.00	10,973.00	22,887.58	10,973.00	264.10	263.35	-90.000	-12,764.63	317.38	2,646.16	2,121.12	525.04	5.040			
23,100.00	10,973.00	22,937.58	10,973.00	265.10	264.36	-90.000	-12,814.60	315.87	2,646.24	2,119.17	527.07	5.021			
23,150.00	10,973.00	22,987.58	10,973.00	266.11	265.38	-90.000	-12,864.58	314.36	2,646.32	2,117.22	529.10	5.002			
23,200.00	10,973.00	23,037.58	10,973.00	267.11	266.39	-90.000	-12,914.56	312.85	2,646.40	2,115.27	531.13	4.983			
23,250.00	10,973.00	23,087.58	10,973.00	268.12	267.41	-90.000	-12,964.53	311.34	2,646.48	2,113.32	533.16	4.964			
23,300.00	10,973.00	23,137.58	10,973.00	269.12	268.42	-90.000	-13,014.51	309.83	2,646.56	2,111.37	535.19	4.945			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
23,350.00	10,973.00	23,187.58	10,973.00	270.13	269.44	-90.000	-13,064.49	308.32	2,646.64	2,109.42	537.22	4.927		
23,400.00	10,973.00	23,237.58	10,973.00	271.13	270.45	-90.000	-13,114.47	306.81	2,646.72	2,107.47	539.25	4.908		
23,448.12	10,973.00	23,284.31	10,973.00	272.10	271.40	-90.000	-13,161.17	305.40	2,646.80	2,105.62	541.17	4.891 SF		



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - 16WNH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
250.00	250.00	250.00	250.00	0.67	0.67	137.940	-14.84	13.39	19.99	18.65	1.34	14.969			
300.00	300.00	300.00	300.00	0.85	0.85	137.940	-14.84	13.39	19.99	18.29	1.69	11.801			
350.00	350.00	350.00	350.00	1.03	1.03	137.940	-14.84	13.39	19.99	17.94	2.05	9.740			
400.00	400.00	400.00	400.00	1.21	1.21	137.940	-14.84	13.39	19.99	17.58	2.41	8.291			
450.00	450.00	450.00	450.00	1.38	1.38	137.940	-14.84	13.39	19.99	17.22	2.77	7.218			
500.00	500.00	500.00	500.00	1.56	1.56	137.940	-14.84	13.39	19.99	16.86	3.13	6.391			
550.00	550.00	550.00	550.00	1.74	1.74	137.940	-14.84	13.39	19.99	16.50	3.49	5.734			
600.00	600.00	600.00	600.00	1.92	1.92	137.940	-14.84	13.39	19.99	16.14	3.84	5.199			
650.00	650.00	650.00	650.00	2.10	2.10	137.940	-14.84	13.39	19.99	15.78	4.20	4.756			
700.00	700.00	700.00	700.00	2.28	2.28	137.940	-14.84	13.39	19.99	15.43	4.56	4.382			
750.00	750.00	750.00	750.00	2.46	2.46	137.940	-14.84	13.39	19.99	15.07	4.92	4.063			
800.00	800.00	800.00	800.00	2.64	2.64	137.940	-14.84	13.39	19.99	14.71	5.28	3.787			
850.00	850.00	850.00	850.00	2.82	2.82	137.940	-14.84	13.39	19.99	14.35	5.64	3.546			
900.00	900.00	900.00	900.00	3.00	3.00	137.940	-14.84	13.39	19.99	13.99	6.00	3.334			
950.00	950.00	950.00	950.00	3.18	3.18	137.940	-14.84	13.39	19.99	13.63	6.35	3.146			
1,000.00	1,000.00	1,000.00	1,000.00	3.36	3.36	137.940	-14.84	13.39	19.99	13.28	6.71	2.978	CC, ES		
1,050.00	1,050.00	1,049.75	1,049.75	3.53	3.53	-114.731	-15.14	13.51	20.43	13.37	7.06	2.895	SF		
1,100.00	1,099.99	1,099.47	1,099.46	3.70	3.70	-116.149	-16.04	13.88	21.76	14.36	7.40	2.941			
1,150.00	1,149.96	1,149.14	1,149.11	3.87	3.86	-118.159	-17.54	14.48	24.01	16.27	7.73	3.104			
1,200.00	1,199.91	1,198.73	1,198.64	4.04	4.02	-120.406	-19.63	15.33	27.19	19.12	8.07	3.369			
1,250.00	1,249.82	1,248.21	1,248.04	4.22	4.19	-122.612	-22.31	16.41	31.32	22.91	8.41	3.725			
1,300.00	1,299.69	1,297.56	1,297.26	4.39	4.36	-124.615	-25.58	17.73	36.42	27.67	8.75	4.162			
1,350.00	1,349.51	1,346.82	1,346.34	4.57	4.53	-126.359	-29.42	19.28	42.47	33.37	9.09	4.670			
1,400.00	1,399.27	1,396.35	1,395.68	4.75	4.70	-128.115	-33.49	20.92	49.13	39.69	9.44	5.205			
1,450.00	1,448.96	1,445.81	1,444.94	4.93	4.87	-129.947	-37.55	22.56	56.25	46.46	9.79	5.746			
1,500.00	1,498.57	1,495.19	1,494.13	5.12	5.05	-131.788	-41.60	24.20	63.85	53.71	10.14	6.298			
1,550.00	1,548.10	1,544.48	1,543.22	5.31	5.23	-133.599	-45.65	25.84	71.95	61.45	10.49	6.857			
1,600.00	1,597.54	1,593.67	1,592.22	5.50	5.40	-135.353	-49.69	27.47	80.56	69.72	10.84	7.429			
1,650.00	1,646.87	1,642.75	1,641.12	5.71	5.58	-137.036	-53.72	29.10	89.72	78.52	11.20	8.010			
1,700.00	1,696.09	1,691.72	1,689.89	5.91	5.76	-138.640	-57.74	30.72	99.42	87.87	11.55	8.604			
1,750.00	1,745.19	1,740.57	1,738.55	6.13	5.94	-140.161	-61.75	32.34	109.69	97.77	11.91	9.208			
1,776.96	1,771.62	1,766.86	1,764.73	6.24	6.04	-140.946	-63.91	33.21	115.46	103.36	12.10	9.539			
1,800.00	1,794.18	1,789.30	1,787.09	6.35	6.12	-141.626	-65.75	33.96	120.47	108.20	12.27	9.819			
1,850.00	1,843.15	1,838.02	1,835.61	6.57	6.30	-142.923	-69.75	35.57	131.40	118.77	12.63	10.403			
1,900.00	1,892.12	1,886.73	1,884.13	6.80	6.49	-144.021	-73.75	37.19	142.38	129.38	12.99	10.957			
1,950.00	1,941.09	1,935.44	1,932.65	7.03	6.67	-144.962	-77.75	38.81	153.40	140.04	13.36	11.483			
2,000.00	1,990.06	1,984.15	1,981.17	7.26	6.85	-145.777	-81.74	40.42	164.46	150.73	13.72	11.983			
2,050.00	2,039.02	2,032.86	2,029.69	7.50	7.04	-146.489	-85.74	42.04	175.55	161.45	14.09	12.456			
2,100.00	2,087.99	2,081.58	2,078.22	7.74	7.22	-147.117	-89.74	43.65	186.65	172.19	14.46	12.906			
2,150.00	2,136.96	2,130.29	2,126.74	7.98	7.41	-147.674	-93.74	45.27	197.78	182.95	14.83	13.334			
2,200.00	2,185.93	2,179.00	2,175.26	8.22	7.59	-148.172	-97.74	46.88	208.92	193.72	15.20	13.741			
2,250.00	2,234.90	2,227.71	2,223.78	8.47	7.78	-148.619	-101.74	48.50	220.08	204.50	15.58	14.128			
2,300.00	2,283.87	2,276.43	2,272.30	8.71	7.97	-149.024	-105.74	50.12	231.25	215.30	15.95	14.497			
2,350.00	2,332.84	2,325.14	2,320.82	8.96	8.16	-149.391	-109.74	51.73	242.43	226.10	16.33	14.849			
2,400.00	2,381.81	2,372.22	2,367.72	9.21	8.34	-149.738	-113.53	53.42	253.73	237.03	16.70	15.197			
2,450.00	2,430.78	2,418.48	2,413.80	9.46	8.51	-150.133	-117.97	55.54	265.45	248.39	17.06	15.558			
2,500.00	2,479.75	2,465.35	2,460.49	9.71	8.70	-150.577	-120.18	58.15	277.60	260.17	17.43	15.929			
2,550.00	2,528.72	2,513.78	2,508.73	9.96	8.88	-151.016	-123.43	60.95	289.86	272.06	17.80	16.285			
2,600.00	2,577.69	2,562.21	2,556.97	10.22	9.07	-151.418	-126.67	63.75	302.13	283.96	18.17	16.629			
2,650.00	2,626.65	2,610.64	2,605.20	10.47	9.26	-151.790	-129.92	66.55	314.42	295.88	18.54	16.958			
2,700.00	2,675.62	2,659.06	2,653.44	10.73	9.44	-152.133	-133.17	69.35	326.72	307.80	18.91	17.275			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - 16WNH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
2,750.00	2,724.59	2,707.49	2,701.68	10.98	9.63	-152.452	-136.42	72.15	339.02	319.74	19.29	17.579			
2,800.00	2,773.56	2,755.92	2,749.92	11.24	9.82	-152.748	-139.67	74.95	351.34	331.68	19.66	17.873			
2,850.00	2,822.53	2,804.35	2,798.16	11.50	10.01	-153.024	-142.92	77.76	363.67	343.63	20.03	18.155			
2,900.00	2,871.50	2,852.78	2,846.39	11.76	10.20	-153.282	-146.17	80.56	376.00	355.59	20.41	18.426			
2,950.00	2,920.47	2,901.21	2,894.63	12.02	10.38	-153.524	-149.42	83.36	388.34	367.56	20.78	18.688			
3,000.00	2,969.44	2,949.63	2,942.87	12.28	10.57	-153.751	-152.66	86.16	400.68	379.53	21.15	18.941			
3,050.00	3,018.41	2,998.06	2,991.11	12.54	10.76	-153.964	-155.91	88.96	413.03	391.51	21.53	19.185			
3,100.00	3,067.38	3,046.49	3,039.34	12.80	10.95	-154.165	-159.16	91.76	425.39	403.49	21.90	19.420			
3,150.00	3,116.35	3,094.92	3,087.58	13.06	11.14	-154.355	-162.41	94.56	437.75	415.47	22.28	19.647			
3,200.00	3,165.32	3,143.35	3,135.82	13.32	11.33	-154.534	-165.66	97.36	450.12	427.46	22.66	19.867			
12,850.00	10,973.00	12,410.11	10,697.00	74.20	65.26	-83.796	-2,568.68	534.44	2,553.82	2,425.83	127.99	19.954			
12,900.00	10,973.00	12,460.11	10,697.00	74.86	66.08	-83.796	-2,618.66	532.89	2,553.85	2,424.27	129.58	19.708			
12,950.00	10,973.00	12,510.11	10,697.00	75.53	66.89	-83.796	-2,668.63	531.33	2,553.89	2,422.70	131.19	19.467			
13,000.00	10,973.00	12,560.11	10,697.00	76.21	67.72	-83.796	-2,718.61	529.78	2,553.93	2,421.12	132.81	19.229			
13,050.00	10,973.00	12,610.11	10,697.00	76.90	68.55	-83.796	-2,768.59	528.23	2,553.97	2,419.52	134.45	18.996			
13,100.00	10,973.00	12,660.11	10,697.00	77.59	69.39	-83.796	-2,818.56	526.68	2,554.01	2,417.91	136.09	18.767			
13,150.00	10,973.00	12,710.11	10,697.00	78.30	70.23	-83.796	-2,868.54	525.13	2,554.04	2,416.30	137.75	18.542			
13,200.00	10,973.00	12,760.11	10,697.00	79.00	71.08	-83.796	-2,918.51	523.57	2,554.08	2,414.67	139.41	18.321			
13,250.00	10,973.00	12,810.11	10,697.00	79.72	71.93	-83.796	-2,968.49	522.02	2,554.12	2,413.03	141.09	18.103			
13,300.00	10,973.00	12,860.11	10,697.00	80.45	72.78	-83.797	-3,018.46	520.47	2,554.16	2,411.39	142.77	17.890			
13,350.00	10,973.00	12,910.11	10,697.00	81.18	73.64	-83.797	-3,068.44	518.92	2,554.19	2,409.73	144.47	17.680			
13,400.00	10,973.00	12,960.11	10,697.00	81.91	74.51	-83.797	-3,118.42	517.36	2,554.23	2,408.06	146.17	17.475			
13,450.00	10,973.00	13,010.11	10,697.00	82.66	75.38	-83.797	-3,168.39	515.81	2,554.27	2,406.39	147.88	17.273			
13,500.00	10,973.00	13,060.11	10,697.00	83.41	76.25	-83.797	-3,218.37	514.26	2,554.31	2,404.71	149.60	17.074			
13,550.00	10,973.00	13,110.11	10,697.00	84.17	77.12	-83.797	-3,268.34	512.71	2,554.35	2,403.02	151.33	16.880			
13,600.00	10,973.00	13,160.11	10,697.00	84.93	78.00	-83.797	-3,318.32	511.16	2,554.38	2,401.32	153.06	16.689			
13,650.00	10,973.00	13,210.11	10,697.00	85.70	78.89	-83.797	-3,368.30	509.60	2,554.42	2,399.61	154.81	16.501			
13,700.00	10,973.00	13,260.11	10,697.00	86.47	79.77	-83.797	-3,418.27	508.05	2,554.46	2,397.90	156.56	16.317			
13,750.00	10,973.00	13,310.11	10,697.00	87.25	80.66	-83.797	-3,468.25	506.50	2,554.50	2,396.18	158.31	16.136			
13,800.00	10,973.00	13,360.11	10,697.00	88.03	81.56	-83.797	-3,518.22	504.95	2,554.53	2,394.46	160.08	15.958			
13,850.00	10,973.00	13,410.11	10,697.00	88.82	82.45	-83.798	-3,568.20	503.40	2,554.57	2,392.72	161.85	15.784			
13,900.00	10,973.00	13,460.11	10,697.00	89.62	83.35	-83.798	-3,618.18	501.84	2,554.61	2,390.98	163.62	15.613			
13,950.00	10,973.00	13,510.11	10,697.00	90.42	84.25	-83.798	-3,668.15	500.29	2,554.65	2,389.24	165.41	15.444			
14,000.00	10,973.00	13,560.11	10,697.00	91.22	85.16	-83.798	-3,718.13	498.74	2,554.68	2,387.49	167.20	15.279			
14,050.00	10,973.00	13,610.11	10,697.00	92.03	86.07	-83.798	-3,768.10	497.19	2,554.72	2,385.73	168.99	15.117			
14,100.00	10,973.00	13,660.11	10,697.00	92.84	86.98	-83.798	-3,818.08	495.63	2,554.76	2,383.97	170.79	14.958			
14,150.00	10,973.00	13,710.11	10,697.00	93.66	87.89	-83.798	-3,868.05	494.08	2,554.80	2,382.20	172.60	14.802			
14,200.00	10,973.00	13,760.11	10,697.00	94.48	88.80	-83.798	-3,918.03	492.53	2,554.84	2,380.43	174.41	14.648			
14,250.00	10,973.00	13,810.11	10,697.00	95.31	89.72	-83.798	-3,968.01	490.98	2,554.87	2,378.65	176.23	14.498			
14,300.00	10,973.00	13,860.11	10,697.00	96.14	90.64	-83.798	-4,017.98	489.43	2,554.91	2,376.86	178.05	14.350			
14,350.00	10,973.00	13,910.11	10,697.00	96.97	91.56	-83.798	-4,067.96	487.87	2,554.95	2,375.07	179.87	14.204			
14,400.00	10,973.00	13,960.11	10,697.00	97.81	92.49	-83.799	-4,117.93	486.32	2,554.99	2,373.28	181.70	14.061			
14,450.00	10,973.00	14,010.11	10,697.00	98.65	93.42	-83.799	-4,167.91	484.77	2,555.02	2,371.48	183.54	13.921			
14,500.00	10,973.00	14,060.11	10,697.00	99.50	94.34	-83.799	-4,217.89	483.22	2,555.06	2,369.68	185.38	13.783			
14,550.00	10,973.00	14,110.11	10,697.00	100.35	95.28	-83.799	-4,267.86	481.67	2,555.10	2,367.88	187.22	13.647			
14,600.00	10,973.00	14,160.11	10,697.00	101.20	96.21	-83.799	-4,317.84	480.11	2,555.14	2,366.07	189.07	13.514			
14,650.00	10,973.00	14,210.11	10,697.00	102.06	97.14	-83.799	-4,367.81	478.56	2,555.17	2,364.25	190.92	13.383			
14,700.00	10,973.00	14,260.11	10,697.00	102.92	98.08	-83.799	-4,417.79	477.01	2,555.21	2,362.43	192.78	13.255			
14,750.00	10,973.00	14,310.11	10,697.00	103.78	99.02	-83.799	-4,467.77	475.46	2,555.25	2,360.61	194.64	13.128			
14,800.00	10,973.00	14,360.11	10,697.00	104.64	99.96	-83.799	-4,517.74	473.90	2,555.29	2,358.79	196.50	13.004			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - 16WNH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
14,850.00	10,973.00	14,410.11	10,697.00	105.51	100.90	-83.799	-4,567.72	472.35	2,555.33	2,356.96	198.37	12.882			
14,900.00	10,973.00	14,460.11	10,697.00	106.38	101.84	-83.799	-4,617.69	470.80	2,555.36	2,355.13	200.24	12.762			
14,950.00	10,973.00	14,510.11	10,697.00	107.26	102.79	-83.800	-4,667.67	469.25	2,555.40	2,353.29	202.11	12.644			
15,000.00	10,973.00	14,560.11	10,697.00	108.13	103.73	-83.800	-4,717.64	467.70	2,555.44	2,351.45	203.99	12.527			
15,050.00	10,973.00	14,610.11	10,697.00	109.01	104.68	-83.800	-4,767.62	466.14	2,555.48	2,349.61	205.87	12.413			
15,100.00	10,973.00	14,660.11	10,697.00	109.90	105.63	-83.800	-4,817.60	464.59	2,555.51	2,347.76	207.75	12.301			
15,150.00	10,973.00	14,710.11	10,697.00	110.78	106.58	-83.800	-4,867.57	463.04	2,555.55	2,345.91	209.64	12.190			
15,200.00	10,973.00	14,760.11	10,697.00	111.67	107.53	-83.800	-4,917.55	461.49	2,555.59	2,344.06	211.53	12.082			
15,250.00	10,973.00	14,810.11	10,697.00	112.56	108.49	-83.800	-4,967.52	459.93	2,555.63	2,342.21	213.42	11.975			
15,300.00	10,973.00	14,860.11	10,697.00	113.45	109.44	-83.800	-5,017.50	458.38	2,555.66	2,340.35	215.31	11.870			
15,350.00	10,973.00	14,910.11	10,697.00	114.35	110.40	-83.800	-5,067.48	456.83	2,555.70	2,338.49	217.21	11.766			
15,400.00	10,973.00	14,960.11	10,697.00	115.24	111.36	-83.800	-5,117.45	455.28	2,555.74	2,336.63	219.11	11.664			
15,450.00	10,973.00	15,010.11	10,697.00	116.14	112.32	-83.800	-5,167.43	453.73	2,555.78	2,334.77	221.01	11.564			
15,500.00	10,973.00	15,060.11	10,697.00	117.05	113.28	-83.801	-5,217.40	452.17	2,555.82	2,332.90	222.92	11.465			
15,550.00	10,973.00	15,110.11	10,697.00	117.95	114.24	-83.801	-5,267.38	450.62	2,555.85	2,331.03	224.82	11.368			
15,600.00	10,973.00	15,160.11	10,697.00	118.85	115.20	-83.801	-5,317.36	449.07	2,555.89	2,329.16	226.73	11.273			
15,650.00	10,973.00	15,210.11	10,697.00	119.76	116.16	-83.801	-5,367.33	447.52	2,555.93	2,327.28	228.65	11.179			
15,700.00	10,973.00	15,260.11	10,697.00	120.67	117.13	-83.801	-5,417.31	445.97	2,555.97	2,325.41	230.56	11.086			
15,750.00	10,973.00	15,310.11	10,697.00	121.58	118.09	-83.801	-5,467.28	444.41	2,556.00	2,323.53	232.48	10.995			
15,800.00	10,973.00	15,360.11	10,697.00	122.50	119.06	-83.801	-5,517.26	442.86	2,556.04	2,321.65	234.40	10.905			
15,850.00	10,973.00	15,410.11	10,697.00	123.41	120.03	-83.801	-5,567.24	441.31	2,556.08	2,319.76	236.32	10.816			
15,900.00	10,973.00	15,460.11	10,697.00	124.33	120.99	-83.801	-5,617.21	439.76	2,556.12	2,317.88	238.24	10.729			
15,950.00	10,973.00	15,510.11	10,697.00	125.25	121.96	-83.801	-5,667.19	438.20	2,556.16	2,315.99	240.16	10.643			
16,000.00	10,973.00	15,560.11	10,697.00	126.17	122.93	-83.802	-5,717.16	436.65	2,556.19	2,314.10	242.09	10.559			
16,050.00	10,973.00	15,610.11	10,697.00	127.09	123.91	-83.802	-5,767.14	435.10	2,556.23	2,312.21	244.02	10.475			
16,100.00	10,973.00	15,660.11	10,697.00	128.02	124.88	-83.802	-5,817.11	433.55	2,556.27	2,310.32	245.95	10.393			
16,150.00	10,973.00	15,710.11	10,697.00	128.94	125.85	-83.802	-5,867.09	432.00	2,556.31	2,308.42	247.88	10.313			
16,200.00	10,973.00	15,760.11	10,697.00	129.87	126.82	-83.802	-5,917.07	430.44	2,556.34	2,306.53	249.82	10.233			
16,250.00	10,973.00	15,810.11	10,697.00	130.80	127.80	-83.802	-5,967.04	428.89	2,556.38	2,304.63	251.75	10.154			
16,300.00	10,973.00	15,860.11	10,697.00	131.73	128.78	-83.802	-6,017.02	427.34	2,556.42	2,302.73	253.69	10.077			
16,350.00	10,973.00	15,910.11	10,697.00	132.66	129.75	-83.802	-6,066.99	425.79	2,556.46	2,300.83	255.63	10.001			
16,400.00	10,973.00	15,960.11	10,697.00	133.60	130.73	-83.802	-6,116.97	424.24	2,556.49	2,298.92	257.57	9.925			
16,450.00	10,973.00	16,010.11	10,697.00	134.53	131.71	-83.802	-6,166.95	422.68	2,556.53	2,297.02	259.51	9.851			
16,500.00	10,973.00	16,060.11	10,697.00	135.47	132.68	-83.802	-6,216.92	421.13	2,556.57	2,295.11	261.46	9.778			
16,550.00	10,973.00	16,110.11	10,697.00	136.40	133.66	-83.803	-6,266.90	419.58	2,556.61	2,293.21	263.40	9.706			
16,600.00	10,973.00	16,160.11	10,697.00	137.34	134.64	-83.803	-6,316.87	418.03	2,556.65	2,291.30	265.35	9.635			
16,650.00	10,973.00	16,210.11	10,697.00	138.28	135.62	-83.803	-6,366.85	416.47	2,556.68	2,289.39	267.30	9.565			
16,700.00	10,973.00	16,260.11	10,697.00	139.22	136.61	-83.803	-6,416.83	414.92	2,556.72	2,287.47	269.25	9.496			
16,750.00	10,973.00	16,310.11	10,697.00	140.17	137.59	-83.803	-6,466.80	413.37	2,556.76	2,285.56	271.20	9.428			
16,800.00	10,973.00	16,360.11	10,697.00	141.11	138.57	-83.803	-6,516.78	411.82	2,556.80	2,283.65	273.15	9.360			
16,850.00	10,973.00	16,410.11	10,697.00	142.06	139.55	-83.803	-6,566.75	410.27	2,556.83	2,281.73	275.10	9.294			
16,900.00	10,973.00	16,460.11	10,697.00	143.00	140.54	-83.803	-6,616.73	408.71	2,556.87	2,279.81	277.06	9.229			
16,950.00	10,973.00	16,510.11	10,697.00	143.95	141.52	-83.803	-6,666.70	407.16	2,556.91	2,277.89	279.02	9.164			
17,000.00	10,973.00	16,560.11	10,697.00	144.90	142.51	-83.803	-6,716.68	405.61	2,556.95	2,275.97	280.97	9.100			
17,050.00	10,973.00	16,610.11	10,697.00	145.85	143.49	-83.803	-6,766.66	404.06	2,556.98	2,274.05	282.93	9.037			
17,100.00	10,973.00	16,660.11	10,697.00	146.80	144.48	-83.804	-6,816.63	402.51	2,557.02	2,272.13	284.89	8.975			
17,150.00	10,973.00	16,710.11	10,697.00	147.75	145.47	-83.804	-6,866.61	400.95	2,557.06	2,270.21	286.85	8.914			
17,200.00	10,973.00	16,760.11	10,697.00	148.70	146.45	-83.804	-6,916.58	399.40	2,557.10	2,268.28	288.82	8.854			
17,250.00	10,973.00	16,810.11	10,697.00	149.66	147.44	-83.804	-6,966.56	397.85	2,557.14	2,266.36	290.78	8.794			
17,300.00	10,973.00	16,860.11	10,697.00	150.61	148.43	-83.804	-7,016.54	396.30	2,557.17	2,264.43	292.74	8.735			
17,350.00	10,973.00	16,910.11	10,697.00	151.57	149.42	-83.804	-7,066.51	394.74	2,557.21	2,262.50	294.71	8.677			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-29 - 16WNH - OH - PERMIT														Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
17,400.00	10,973.00	16,960.11	10,697.00	152.52	150.41	-83.804	-7,116.49	393.19	2,557.25	2,260.57	296.68	8.620			
17,450.00	10,973.00	17,010.11	10,697.00	153.48	151.40	-83.804	-7,166.46	391.64	2,557.29	2,258.64	298.64	8.563			
17,500.00	10,973.00	17,060.11	10,697.00	154.44	152.39	-83.804	-7,216.44	390.09	2,557.32	2,256.71	300.61	8.507			
17,550.00	10,973.00	17,110.11	10,697.00	155.40	153.38	-83.804	-7,266.42	388.54	2,557.36	2,254.78	302.58	8.452			
17,600.00	10,973.00	17,160.11	10,697.00	156.36	154.37	-83.804	-7,316.39	386.98	2,557.40	2,252.85	304.55	8.397			
17,650.00	10,973.00	17,210.11	10,697.00	157.32	155.36	-83.805	-7,366.37	385.43	2,557.44	2,250.91	306.53	8.343			
17,700.00	10,973.00	17,260.11	10,697.00	158.28	156.36	-83.805	-7,416.34	383.88	2,557.47	2,248.98	308.50	8.290			
17,750.00	10,973.00	17,310.11	10,697.00	159.24	157.35	-83.805	-7,466.32	382.33	2,557.51	2,247.04	310.47	8.238			
17,800.00	10,973.00	17,360.11	10,697.00	160.21	158.34	-83.805	-7,516.29	380.78	2,557.55	2,245.10	312.45	8.186			
17,850.00	10,973.00	17,410.11	10,697.00	161.17	159.34	-83.805	-7,566.27	379.22	2,557.59	2,243.17	314.42	8.134			
17,900.00	10,973.00	17,460.11	10,697.00	162.14	160.33	-83.805	-7,616.25	377.67	2,557.63	2,241.23	316.40	8.084			
17,950.00	10,973.00	17,510.11	10,697.00	163.10	161.33	-83.805	-7,666.22	376.12	2,557.66	2,239.29	318.37	8.034			
18,000.00	10,973.00	17,560.11	10,697.00	164.07	162.32	-83.805	-7,716.20	374.57	2,557.70	2,237.35	320.35	7.984			
18,050.00	10,973.00	17,610.11	10,697.00	165.04	163.32	-83.805	-7,766.17	373.01	2,557.74	2,235.41	322.33	7.935			
18,100.00	10,973.00	17,660.11	10,697.00	166.01	164.31	-83.805	-7,816.15	371.46	2,557.78	2,233.47	324.31	7.887			
18,150.00	10,973.00	17,710.11	10,697.00	166.97	165.31	-83.805	-7,866.13	369.91	2,557.81	2,231.52	326.29	7.839			
18,200.00	10,973.00	17,760.11	10,697.00	167.94	166.30	-83.806	-7,916.10	368.36	2,557.85	2,229.58	328.27	7.792			
18,250.00	10,973.00	17,810.11	10,697.00	168.92	167.30	-83.806	-7,966.08	366.81	2,557.89	2,227.64	330.25	7.745			
18,300.00	10,973.00	17,860.11	10,697.00	169.89	168.30	-83.806	-8,016.05	365.25	2,557.93	2,225.69	332.24	7.699			
18,350.00	10,973.00	17,910.11	10,697.00	170.86	169.29	-83.806	-8,066.03	363.70	2,557.97	2,223.75	334.22	7.654			
18,400.00	10,973.00	17,960.11	10,697.00	171.83	170.29	-83.806	-8,116.01	362.15	2,558.00	2,221.80	336.20	7.608			
18,450.00	10,973.00	18,010.11	10,697.00	172.80	171.29	-83.806	-8,165.98	360.60	2,558.04	2,219.85	338.19	7.564			
18,500.00	10,973.00	18,060.11	10,697.00	173.78	172.29	-83.806	-8,215.96	359.05	2,558.08	2,217.90	340.17	7.520			
18,550.00	10,973.00	18,110.11	10,697.00	174.75	173.29	-83.806	-8,265.93	357.49	2,558.12	2,215.96	342.16	7.476			
18,600.00	10,973.00	18,160.11	10,697.00	175.73	174.29	-83.806	-8,315.91	355.94	2,558.15	2,214.01	344.15	7.433			
18,650.00	10,973.00	18,210.11	10,697.00	176.70	175.29	-83.806	-8,365.88	354.39	2,558.19	2,212.06	346.13	7.391			
18,700.00	10,973.00	18,260.11	10,697.00	177.68	176.29	-83.806	-8,415.86	352.84	2,558.23	2,210.11	348.12	7.349			
18,750.00	10,973.00	18,310.11	10,697.00	178.65	177.29	-83.807	-8,465.84	351.28	2,558.27	2,208.16	350.11	7.307			
18,800.00	10,973.00	18,360.11	10,697.00	179.63	178.29	-83.807	-8,515.81	349.73	2,558.30	2,206.20	352.10	7.266			
18,850.00	10,973.00	18,410.11	10,697.00	180.61	179.29	-83.807	-8,565.79	348.18	2,558.34	2,204.25	354.09	7.225			
18,900.00	10,973.00	18,460.11	10,697.00	181.59	180.29	-83.807	-8,615.76	346.63	2,558.38	2,202.30	356.08	7.185			
18,950.00	10,973.00	18,510.11	10,697.00	182.57	181.29	-83.807	-8,665.74	345.08	2,558.42	2,200.35	358.07	7.145			
19,000.00	10,973.00	18,560.11	10,697.00	183.55	182.29	-83.807	-8,715.72	343.52	2,558.46	2,198.39	360.06	7.106			
19,050.00	10,973.00	18,610.11	10,697.00	184.53	183.29	-83.807	-8,765.69	341.97	2,558.49	2,196.44	362.06	7.067			
19,100.00	10,973.00	18,660.11	10,697.00	185.51	184.30	-83.807	-8,815.67	340.42	2,558.53	2,194.48	364.05	7.028			
19,150.00	10,973.00	18,710.11	10,697.00	186.49	185.30	-83.807	-8,865.64	338.87	2,558.57	2,192.53	366.04	6.990			
19,200.00	10,973.00	18,760.11	10,697.00	187.47	186.30	-83.807	-8,915.62	337.32	2,558.61	2,190.57	368.04	6.952			
19,250.00	10,973.00	18,810.11	10,697.00	188.45	187.30	-83.807	-8,965.60	335.76	2,558.64	2,188.61	370.03	6.915			
19,300.00	10,973.00	18,860.11	10,697.00	189.43	188.31	-83.808	-9,015.57	334.21	2,558.68	2,186.66	372.03	6.878			
19,350.00	10,973.00	18,910.11	10,697.00	190.42	189.31	-83.808	-9,065.55	332.66	2,558.72	2,184.70	374.02	6.841			
19,400.00	10,973.00	18,960.11	10,697.00	191.40	190.32	-83.808	-9,115.52	331.11	2,558.76	2,182.74	376.02	6.805			
19,450.00	10,973.00	19,010.11	10,697.00	192.38	191.32	-83.808	-9,165.50	329.55	2,558.79	2,180.78	378.01	6.769			
19,500.00	10,973.00	19,060.11	10,697.00	193.37	192.32	-83.808	-9,215.47	328.00	2,558.83	2,178.82	380.01	6.734			
19,550.00	10,973.00	19,110.11	10,697.00	194.35	193.33	-83.808	-9,265.45	326.45	2,558.87	2,176.86	382.01	6.698			
19,600.00	10,973.00	19,160.11	10,697.00	195.34	194.33	-83.808	-9,315.43	324.90	2,558.91	2,174.90	384.01	6.664			
19,650.00	10,973.00	19,210.11	10,697.00	196.32	195.34	-83.808	-9,365.40	323.35	2,558.95	2,172.94	386.01	6.629			
19,700.00	10,973.00	19,260.11	10,697.00	197.31	196.34	-83.808	-9,415.38	321.79	2,558.98	2,170.98	388.01	6.595			
19,750.00	10,973.00	19,310.11	10,697.00	198.30	197.35	-83.808	-9,465.35	320.24	2,559.02	2,169.02	390.00	6.562			
19,800.00	10,973.00	19,360.11	10,697.00	199.28	198.35	-83.808	-9,515.33	318.69	2,559.06	2,167.05	392.00	6.528			
19,850.00	10,973.00	19,410.11	10,697.00	200.27	199.36	-83.809	-9,565.31	317.14	2,559.10	2,165.09	394.01	6.495			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - 16WNH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
19,900.00	10,973.00	19,460.11	10,697.00	201.26	200.37	-83.809	-9,615.28	315.59	2,559.13	2,163.13	396.01	6.462			
19,950.00	10,973.00	19,510.11	10,697.00	202.25	201.37	-83.809	-9,665.26	314.03	2,559.17	2,161.16	398.01	6.430			
20,000.00	10,973.00	19,560.11	10,697.00	203.24	202.38	-83.809	-9,715.23	312.48	2,559.21	2,159.20	400.01	6.398			
20,050.00	10,973.00	19,610.11	10,697.00	204.22	203.39	-83.809	-9,765.21	310.93	2,559.25	2,157.24	402.01	6.366			
20,100.00	10,973.00	19,660.11	10,697.00	205.21	204.39	-83.809	-9,815.19	309.38	2,559.28	2,155.27	404.01	6.335			
20,150.00	10,973.00	19,710.11	10,697.00	206.20	205.40	-83.809	-9,865.16	307.82	2,559.32	2,153.31	406.02	6.303			
20,200.00	10,973.00	19,760.11	10,697.00	207.19	206.41	-83.809	-9,915.14	306.27	2,559.36	2,151.34	408.02	6.273			
20,250.00	10,973.00	19,810.11	10,697.00	208.18	207.41	-83.809	-9,965.11	304.72	2,559.40	2,149.37	410.02	6.242			
20,300.00	10,973.00	19,860.11	10,697.00	209.17	208.42	-83.809	-10,015.09	303.17	2,559.44	2,147.41	412.03	6.212			
20,350.00	10,973.00	19,910.11	10,697.00	210.17	209.43	-83.809	-10,065.07	301.62	2,559.47	2,145.44	414.03	6.182			
20,400.00	10,973.00	19,960.11	10,697.00	211.16	210.44	-83.810	-10,115.04	300.06	2,559.51	2,143.47	416.04	6.152			
20,450.00	10,973.00	20,010.11	10,697.00	212.15	211.45	-83.810	-10,165.02	298.51	2,559.55	2,141.51	418.04	6.123			
20,500.00	10,973.00	20,060.11	10,697.00	213.14	212.45	-83.810	-10,214.99	296.96	2,559.59	2,139.54	420.05	6.094			
20,550.00	10,973.00	20,110.11	10,697.00	214.13	213.46	-83.810	-10,264.97	295.41	2,559.62	2,137.57	422.06	6.065			
20,600.00	10,973.00	20,160.11	10,697.00	215.13	214.47	-83.810	-10,314.94	293.86	2,559.66	2,135.60	424.06	6.036			
20,650.00	10,973.00	20,210.11	10,697.00	216.12	215.48	-83.810	-10,364.92	292.30	2,559.70	2,133.63	426.07	6.008			
20,700.00	10,973.00	20,260.11	10,697.00	217.11	216.49	-83.810	-10,414.90	290.75	2,559.74	2,131.66	428.08	5.980			
20,750.00	10,973.00	20,310.11	10,697.00	218.11	217.50	-83.810	-10,464.87	289.20	2,559.78	2,129.69	430.08	5.952			
20,800.00	10,973.00	20,360.11	10,697.00	219.10	218.51	-83.810	-10,514.85	287.65	2,559.81	2,127.72	432.09	5.924			
20,850.00	10,973.00	20,410.11	10,697.00	220.10	219.52	-83.810	-10,564.82	286.09	2,559.85	2,125.75	434.10	5.897			
20,900.00	10,973.00	20,460.11	10,697.00	221.09	220.53	-83.810	-10,614.80	284.54	2,559.89	2,123.78	436.11	5.870			
20,950.00	10,973.00	20,510.11	10,697.00	222.08	221.54	-83.811	-10,664.78	282.99	2,559.93	2,121.81	438.12	5.843			
21,000.00	10,973.00	20,560.11	10,697.00	223.08	222.55	-83.811	-10,714.75	281.44	2,559.96	2,119.84	440.13	5.816			
21,050.00	10,973.00	20,610.11	10,697.00	224.08	223.56	-83.811	-10,764.73	279.89	2,560.00	2,117.87	442.13	5.790			
21,100.00	10,973.00	20,660.11	10,697.00	225.07	224.57	-83.811	-10,814.70	278.33	2,560.04	2,115.89	444.14	5.764			
21,150.00	10,973.00	20,710.11	10,697.00	226.07	225.58	-83.811	-10,864.68	276.78	2,560.08	2,113.92	446.15	5.738			
21,200.00	10,973.00	20,760.11	10,697.00	227.06	226.59	-83.811	-10,914.66	275.23	2,560.11	2,111.95	448.16	5.712			
21,250.00	10,973.00	20,810.11	10,697.00	228.06	227.60	-83.811	-10,964.63	273.68	2,560.15	2,109.98	450.18	5.687			
21,300.00	10,973.00	20,860.11	10,697.00	229.06	228.61	-83.811	-11,014.61	272.13	2,560.19	2,108.00	452.19	5.662			
21,350.00	10,973.00	20,910.11	10,697.00	230.05	229.62	-83.811	-11,064.58	270.57	2,560.23	2,106.03	454.20	5.637			
21,400.00	10,973.00	20,960.11	10,697.00	231.05	230.63	-83.811	-11,114.56	269.02	2,560.27	2,104.06	456.21	5.612			
21,450.00	10,973.00	21,010.11	10,697.00	232.05	231.64	-83.811	-11,164.53	267.47	2,560.30	2,102.08	458.22	5.587			
21,500.00	10,973.00	21,060.11	10,697.00	233.05	232.66	-83.812	-11,214.51	265.92	2,560.34	2,100.11	460.23	5.563			
21,550.00	10,973.00	21,110.11	10,697.00	234.05	233.67	-83.812	-11,264.49	264.36	2,560.38	2,098.13	462.25	5.539			
21,600.00	10,973.00	21,160.11	10,697.00	235.04	234.68	-83.812	-11,314.46	262.81	2,560.42	2,096.16	464.26	5.515			
21,650.00	10,973.00	21,210.11	10,697.00	236.04	235.69	-83.812	-11,364.44	261.26	2,560.45	2,094.18	466.27	5.491			
21,700.00	10,973.00	21,260.11	10,697.00	237.04	236.70	-83.812	-11,414.41	259.71	2,560.49	2,092.21	468.28	5.468			
21,750.00	10,973.00	21,310.11	10,697.00	238.04	237.71	-83.812	-11,464.39	258.16	2,560.53	2,090.23	470.30	5.444			
21,800.00	10,973.00	21,360.11	10,697.00	239.04	238.73	-83.812	-11,514.37	256.60	2,560.57	2,088.26	472.31	5.421			
21,850.00	10,973.00	21,410.11	10,697.00	240.04	239.74	-83.812	-11,564.34	255.05	2,560.60	2,086.28	474.33	5.398			
21,900.00	10,973.00	21,460.11	10,697.00	241.04	240.75	-83.812	-11,614.32	253.50	2,560.64	2,084.30	476.34	5.376			
21,950.00	10,973.00	21,510.11	10,697.00	242.04	241.76	-83.812	-11,664.29	251.95	2,560.68	2,082.33	478.35	5.353			
22,000.00	10,973.00	21,560.11	10,697.00	243.04	242.78	-83.813	-11,714.27	250.40	2,560.72	2,080.35	480.37	5.331			
22,050.00	10,973.00	21,610.11	10,697.00	244.04	243.79	-83.813	-11,764.25	248.84	2,560.76	2,078.37	482.38	5.309			
22,100.00	10,973.00	21,660.11	10,697.00	245.04	244.80	-83.813	-11,814.22	247.29	2,560.79	2,076.39	484.40	5.287			
22,150.00	10,973.00	21,710.11	10,697.00	246.04	245.82	-83.813	-11,864.20	245.74	2,560.83	2,074.42	486.41	5.265			
22,200.00	10,973.00	21,760.11	10,697.00	247.05	246.83	-83.813	-11,914.17	244.19	2,560.87	2,072.44	488.43	5.243			
22,250.00	10,973.00	21,810.11	10,697.00	248.05	247.84	-83.813	-11,964.15	242.63	2,560.91	2,070.46	490.45	5.222			
22,300.00	10,973.00	21,860.11	10,697.00	249.05	248.86	-83.813	-12,014.12	241.08	2,560.94	2,068.48	492.46	5.200			
22,350.00	10,973.00	21,910.11	10,697.00	250.05	249.87	-83.813	-12,064.10	239.53	2,560.98	2,066.50	494.48	5.179			
22,400.00	10,973.00	21,960.11	10,697.00	251.05	250.88	-83.813	-12,114.08	237.98	2,561.02	2,064.52	496.50	5.158			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
22,450.00	10,973.00	22,010.11	10,697.00	252.06	251.90	-83.813	-12,164.05	236.43	2,561.06	2,062.55	498.51	5.137		
22,500.00	10,973.00	22,060.11	10,697.00	253.06	252.91	-83.813	-12,214.03	234.87	2,561.09	2,060.57	500.53	5.117		
22,550.00	10,973.00	22,110.11	10,697.00	254.06	253.93	-83.814	-12,264.00	233.32	2,561.13	2,058.59	502.55	5.096		
22,600.00	10,973.00	22,160.11	10,697.00	255.06	254.94	-83.814	-12,313.98	231.77	2,561.17	2,056.61	504.56	5.076		
22,650.00	10,973.00	22,210.11	10,697.00	256.07	255.95	-83.814	-12,363.96	230.22	2,561.21	2,054.63	506.58	5.056		
22,700.00	10,973.00	22,260.11	10,697.00	257.07	256.97	-83.814	-12,413.93	228.67	2,561.25	2,052.65	508.60	5.036		
22,750.00	10,973.00	22,310.11	10,697.00	258.07	257.98	-83.814	-12,463.91	227.11	2,561.28	2,050.67	510.62	5.016		
22,800.00	10,973.00	22,360.11	10,697.00	259.08	259.00	-83.814	-12,513.88	225.56	2,561.32	2,048.69	512.64	4.996		
22,850.00	10,973.00	22,410.11	10,697.00	260.08	260.01	-83.814	-12,563.86	224.01	2,561.36	2,046.71	514.65	4.977		
22,900.00	10,973.00	22,460.11	10,697.00	261.08	261.03	-83.814	-12,613.84	222.46	2,561.40	2,044.72	516.67	4.957		
22,950.00	10,973.00	22,510.11	10,697.00	262.09	262.04	-83.814	-12,663.81	220.90	2,561.43	2,042.74	518.69	4.938		
23,000.00	10,973.00	22,560.11	10,697.00	263.09	263.06	-83.814	-12,713.79	219.35	2,561.47	2,040.76	520.71	4.919		
23,050.00	10,973.00	22,610.11	10,697.00	264.10	264.07	-83.814	-12,763.76	217.80	2,561.51	2,038.78	522.73	4.900		
23,100.00	10,973.00	22,660.11	10,697.00	265.10	265.09	-83.815	-12,813.74	216.25	2,561.55	2,036.80	524.75	4.881		
23,150.00	10,973.00	22,710.11	10,697.00	266.11	266.10	-83.815	-12,863.71	214.70	2,561.59	2,034.82	526.77	4.863		
23,200.00	10,973.00	22,760.11	10,697.00	267.11	267.12	-83.815	-12,913.69	213.14	2,561.62	2,032.83	528.79	4.844		
23,250.00	10,973.00	22,810.11	10,697.00	268.12	268.13	-83.815	-12,963.67	211.59	2,561.66	2,030.85	530.81	4.826		
23,300.00	10,973.00	22,860.11	10,697.00	269.12	269.15	-83.815	-13,013.64	210.04	2,561.70	2,028.87	532.83	4.808		
23,350.00	10,973.00	22,910.11	10,697.00	270.13	270.16	-83.815	-13,063.62	208.49	2,561.74	2,026.89	534.85	4.790		
23,400.00	10,973.00	22,960.11	10,697.00	271.13	271.18	-83.815	-13,113.59	206.94	2,561.77	2,024.90	536.87	4.772		
23,448.12	10,973.00	23,004.73	10,697.00	272.10	272.08	-83.815	-13,158.20	205.55	2,561.81	2,023.07	538.74	4.755		



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design														Offset Site Error:	0.00 usft					
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft					
Reference														Semi Major Axis		Distance				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor								
1,050.00	1,050.00	672.10	1,050.00	3.53	365.47	-73.432	-7,230.65	160.56	7,232.34	6,863.35	369.00	19.600								
1,100.00	1,099.99	722.09	1,099.99	3.70	400.46	-73.443	-7,230.65	160.56	7,232.06	6,827.91	404.15	17.894								
1,150.00	1,149.96	772.06	1,149.96	3.87	435.44	-73.462	-7,230.65	160.56	7,231.60	6,792.31	439.29	16.462								
1,200.00	1,199.91	822.01	1,199.91	4.04	470.41	-73.489	-7,230.65	160.56	7,230.94	6,756.55	474.40	15.242								
1,250.00	1,249.82	871.92	1,249.82	4.22	505.35	-73.523	-7,230.65	160.56	7,230.11	6,720.63	509.48	14.191								
1,300.00	1,299.69	921.79	1,299.69	4.39	540.25	-73.565	-7,230.65	160.56	7,229.09	6,684.57	544.51	13.276								
1,350.00	1,349.51	971.61	1,349.51	4.57	575.13	-73.615	-7,230.65	160.56	7,227.88	6,648.38	579.51	12.472								
1,400.00	1,399.27	1,021.37	1,399.27	4.75	609.96	-73.672	-7,230.65	160.56	7,226.50	6,612.05	614.44	11.761								
1,450.00	1,448.96	1,071.06	1,448.96	4.93	644.74	-73.736	-7,230.65	160.56	7,224.93	6,575.60	649.32	11.127								
1,500.00	1,498.57	1,120.67	1,498.57	5.12	679.47	-73.808	-7,230.65	160.56	7,223.18	6,539.05	684.14	10.558								
1,550.00	1,548.10	1,170.20	1,548.10	5.31	714.14	-73.888	-7,230.65	160.56	7,221.26	6,502.38	718.88	10.045								
1,600.00	1,597.54	1,219.64	1,597.54	5.50	748.74	-73.975	-7,230.65	160.56	7,219.16	6,465.62	753.55	9.580								
1,650.00	1,646.87	1,268.97	1,646.87	5.71	783.28	-74.069	-7,230.65	160.56	7,216.89	6,428.76	788.13	9.157								
1,700.00	1,696.09	1,318.19	1,696.09	5.91	817.73	-74.170	-7,230.65	160.56	7,214.45	6,391.83	822.62	8.770								
1,750.00	1,745.19	1,367.29	1,745.19	6.13	852.10	-74.279	-7,230.65	160.56	7,211.85	6,354.82	857.03	8.415								
1,776.96	1,771.62	1,393.72	1,771.62	6.24	870.60	-74.340	-7,230.65	160.56	7,210.37	6,334.83	875.54	8.235								
1,800.00	1,794.18	1,416.28	1,794.18	6.35	886.39	-74.375	-7,230.65	160.56	7,209.09	6,317.68	891.41	8.087								
1,850.00	1,843.15	1,465.25	1,843.15	6.57	920.67	-74.451	-7,230.65	160.56	7,206.32	6,280.45	925.88	7.783								
1,900.00	1,892.12	1,514.22	1,892.12	6.80	954.95	-74.527	-7,230.65	160.56	7,203.57	6,243.23	960.34	7.501								
1,950.00	1,941.09	1,563.19	1,941.09	7.03	989.23	-74.603	-7,230.65	160.56	7,200.83	6,206.02	994.81	7.238								
2,000.00	1,990.06	1,612.16	1,990.06	7.26	1,023.51	-74.679	-7,230.65	160.56	7,198.10	6,168.82	1,029.28	6.993								
2,050.00	2,039.02	1,661.12	2,039.02	7.50	1,057.79	-74.755	-7,230.65	160.56	7,195.39	6,131.63	1,063.76	6.764								
2,100.00	2,087.99	1,710.09	2,087.99	7.74	1,092.07	-74.831	-7,230.65	160.56	7,192.69	6,094.45	1,098.24	6.549								
2,150.00	2,136.96	1,759.06	2,136.96	7.98	1,126.34	-74.908	-7,230.65	160.56	7,190.00	6,057.28	1,132.72	6.348								
2,200.00	2,185.93	1,808.03	2,185.93	8.22	1,160.62	-74.984	-7,230.65	160.56	7,187.32	6,020.12	1,167.21	6.158								
2,250.00	2,234.90	1,857.00	2,234.90	8.47	1,194.90	-75.060	-7,230.65	160.56	7,184.66	5,982.97	1,201.70	5.979								
2,300.00	2,283.87	1,905.97	2,283.87	8.71	1,229.18	-75.136	-7,230.65	160.56	7,182.01	5,945.83	1,236.19	5.810								
2,350.00	2,332.84	1,954.94	2,332.84	8.96	1,263.46	-75.213	-7,230.65	160.56	7,179.38	5,908.70	1,270.68	5.650								
2,400.00	2,381.81	2,003.91	2,381.81	9.21	1,297.74	-75.289	-7,230.65	160.56	7,176.76	5,871.58	1,305.18	5.499								
2,450.00	2,430.78	2,052.88	2,430.78	9.46	1,332.01	-75.366	-7,230.65	160.56	7,174.15	5,834.47	1,339.67	5.355								
2,500.00	2,479.75	2,101.85	2,479.75	9.71	1,366.29	-75.442	-7,230.65	160.56	7,171.55	5,797.38	1,374.17	5.219								
2,550.00	2,528.72	2,150.82	2,528.72	9.96	1,400.57	-75.519	-7,230.65	160.56	7,168.97	5,760.30	1,408.68	5.089								
2,600.00	2,577.69	2,199.79	2,577.69	10.22	1,434.85	-75.596	-7,230.65	160.56	7,166.40	5,723.22	1,443.18	4.966								
2,650.00	2,626.65	2,248.75	2,626.65	10.47	1,469.13	-75.672	-7,230.65	160.56	7,163.85	5,686.16	1,477.68	4.848								
2,700.00	2,675.62	2,297.72	2,675.62	10.73	1,503.41	-75.749	-7,230.65	160.56	7,161.30	5,649.11	1,512.19	4.736								
2,750.00	2,724.59	2,346.69	2,724.59	10.98	1,537.69	-75.826	-7,230.65	160.56	7,158.78	5,612.07	1,546.70	4.628								
2,800.00	2,773.56	2,395.66	2,773.56	11.24	1,571.96	-75.903	-7,230.65	160.56	7,156.26	5,575.05	1,581.21	4.526								
2,850.00	2,822.53	2,444.63	2,822.53	11.50	1,606.24	-75.980	-7,230.65	160.56	7,153.76	5,538.03	1,615.72	4.428								
2,900.00	2,871.50	2,493.60	2,871.50	11.76	1,640.52	-76.057	-7,230.65	160.56	7,151.27	5,501.03	1,650.24	4.333								
2,950.00	2,920.47	2,542.57	2,920.47	12.02	1,674.80	-76.134	-7,230.65	160.56	7,148.79	5,464.04	1,684.75	4.243								
3,000.00	2,969.44	2,591.54	2,969.44	12.28	1,709.08	-76.211	-7,230.65	160.56	7,146.33	5,427.06	1,719.27	4.157								
3,050.00	3,018.41	2,640.51	3,018.41	12.54	1,743.36	-76.288	-7,230.65	160.56	7,143.88	5,390.10	1,753.79	4.073								
3,100.00	3,067.38	2,689.48	3,067.38	12.80	1,777.63	-76.365	-7,230.65	160.56	7,141.45	5,353.14	1,788.31	3.993								
3,150.00	3,116.35	2,738.45	3,116.35	13.06	1,811.91	-76.443	-7,230.65	160.56	7,139.03	5,316.20	1,822.83	3.916								
3,200.00	3,165.32	2,787.42	3,165.32	13.32	1,846.19	-76.520	-7,230.65	160.56	7,136.62	5,279.27	1,857.35	3.842								
3,250.00	3,214.28	2,836.38	3,214.28	13.58	1,880.47	-76.597	-7,230.65	160.56	7,134.23	5,242.35	1,891.87	3.771								
3,300.00	3,263.25	2,885.35	3,263.25	13.84	1,914.75	-76.675	-7,230.65	160.56	7,131.84	5,205.45	1,926.40	3.702								
3,350.00	3,312.22	2,934.32	3,312.22	14.11	1,949.03	-76.752	-7,230.65	160.56	7,129.48	5,168.56	1,960.92	3.636								
3,400.00	3,361.19	2,983.29	3,361.19	14.37	1,983.30	-76.830	-7,230.65	160.56	7,127.12	5,131.68	1,995.45	3.572								
3,450.00	3,410.16	3,032.26	3,410.16	14.63	2,017.58	-76.907	-7,230.65	160.56	7,124.78	5,094.81	2,029.98	3.510								
3,500.00	3,459.13	3,075.00	3,459.13	14.90	2,047.50	-76.975	-7,230.65	160.56	7,122.46	5,062.31	2,060.14	3.457								

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: CALDWELL #1-20 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
3,550.00	3,508.10	3,075.00	3,452.90	15.16	2,047.50	-76.975	-7,230.65	160.56	7,120.36	5,059.95	2,060.40	3.456			
3,600.00	3,557.07	3,075.00	3,452.90	15.43	2,047.50	-76.975	-7,230.65	160.56	7,118.60	5,057.94	2,060.66	3.455			
3,650.00	3,606.04	3,075.00	3,452.90	15.69	2,047.50	-76.975	-7,230.65	160.56	7,117.20	5,056.28	2,060.93	3.453			
3,700.00	3,655.01	3,075.00	3,452.90	15.96	2,047.50	-76.975	-7,230.65	160.56	7,116.15	5,054.97	2,061.19	3.452			
3,750.00	3,703.98	3,075.00	3,452.90	16.22	2,047.50	-76.975	-7,230.65	160.56	7,115.46	5,054.01	2,061.45	3.452			
3,800.00	3,752.95	3,075.00	3,452.90	16.49	2,047.50	-76.975	-7,230.65	160.56	7,115.11	5,053.40	2,061.71	3.451			
3,824.39	3,776.84	3,075.00	3,452.90	16.62	2,047.50	-76.975	-7,230.65	160.56	7,115.07	5,053.23	2,061.84	3.451	CC		
3,850.00	3,801.92	3,075.00	3,452.90	16.75	2,047.50	-76.975	-7,230.65	160.56	7,115.11	5,053.14	2,061.97	3.451	ES		
3,900.00	3,850.88	3,075.00	3,452.90	17.02	2,047.50	-76.975	-7,230.65	160.56	7,115.47	5,053.24	2,062.23	3.450			
3,950.00	3,899.85	3,075.00	3,452.90	17.29	2,047.50	-76.975	-7,230.65	160.56	7,116.18	5,053.68	2,062.50	3.450	SF		
4,000.00	3,948.82	3,075.00	3,452.90	17.55	2,047.50	-76.975	-7,230.65	160.56	7,117.23	5,054.48	2,062.76	3.450			
4,050.00	3,997.79	3,075.00	3,452.90	17.82	2,047.50	-76.975	-7,230.65	160.56	7,118.64	5,055.62	2,063.02	3.451			
4,100.00	4,046.76	3,075.00	3,452.90	18.08	2,047.50	-76.975	-7,230.65	160.56	7,120.40	5,057.12	2,063.28	3.451			
4,150.00	4,095.73	3,075.00	3,452.90	18.35	2,047.50	-76.975	-7,230.65	160.56	7,122.51	5,058.97	2,063.55	3.452			
4,200.00	4,144.70	3,075.00	3,452.90	18.62	2,047.50	-76.975	-7,230.65	160.56	7,124.97	5,061.17	2,063.81	3.452			
4,250.00	4,193.67	3,075.00	3,452.90	18.89	2,047.50	-76.975	-7,230.65	160.56	7,127.78	5,063.71	2,064.07	3.453			
4,300.00	4,242.64	3,075.00	3,452.90	19.15	2,047.50	-76.975	-7,230.65	160.56	7,130.95	5,066.61	2,064.34	3.454			
4,350.00	4,291.61	3,075.00	3,452.90	19.42	2,047.50	-76.975	-7,230.65	160.56	7,134.45	5,069.86	2,064.60	3.456			
4,400.00	4,340.58	3,075.00	3,452.90	19.69	2,047.50	-76.975	-7,230.65	160.56	7,138.31	5,073.45	2,064.86	3.457			
4,450.00	4,389.55	3,075.00	3,452.90	19.96	2,047.50	-76.975	-7,230.65	160.56	7,142.52	5,077.39	2,065.13	3.459			
4,500.00	4,438.51	3,075.00	3,452.90	20.22	2,047.50	-76.975	-7,230.65	160.56	7,147.07	5,081.68	2,065.39	3.460			
4,550.00	4,487.48	3,075.00	3,452.90	20.49	2,047.50	-76.975	-7,230.65	160.56	7,151.97	5,086.32	2,065.65	3.462			
4,600.00	4,536.45	3,075.00	3,452.90	20.76	2,047.50	-76.975	-7,230.65	160.56	7,157.22	5,091.30	2,065.92	3.464			
4,650.00	4,585.42	3,075.00	3,452.90	21.03	2,047.50	-76.975	-7,230.65	160.56	7,162.81	5,096.62	2,066.18	3.467			
4,700.00	4,634.39	3,075.00	3,452.90	21.30	2,047.50	-76.975	-7,230.65	160.56	7,168.74	5,102.30	2,066.45	3.469			
4,750.00	4,683.36	3,075.00	3,452.90	21.57	2,047.50	-76.975	-7,230.65	160.56	7,175.02	5,108.31	2,066.71	3.472			
4,800.00	4,732.33	3,075.00	3,452.90	21.83	2,047.50	-76.975	-7,230.65	160.56	7,181.64	5,114.67	2,066.98	3.474			
4,850.00	4,781.30	3,075.00	3,452.90	22.10	2,047.50	-76.975	-7,230.65	160.56	7,188.61	5,121.37	2,067.24	3.477			
4,900.00	4,830.27	3,075.00	3,452.90	22.37	2,047.50	-76.975	-7,230.65	160.56	7,195.91	5,128.40	2,067.50	3.480			
4,950.00	4,879.24	3,075.00	3,452.90	22.64	2,047.50	-76.975	-7,230.65	160.56	7,203.55	5,135.78	2,067.77	3.484			
5,000.00	4,928.21	3,075.00	3,452.90	22.91	2,047.50	-76.975	-7,230.65	160.56	7,211.53	5,143.50	2,068.03	3.487			
5,050.00	4,977.18	3,075.00	3,452.90	23.18	2,047.50	-76.975	-7,230.65	160.56	7,219.85	5,151.55	2,068.30	3.491			
5,100.00	5,026.14	3,075.00	3,452.90	23.45	2,047.50	-76.975	-7,230.65	160.56	7,228.51	5,159.95	2,068.56	3.494			
5,150.00	5,075.11	3,075.00	3,452.90	23.72	2,047.50	-76.975	-7,230.65	160.56	7,237.50	5,168.67	2,068.83	3.498			
5,200.00	5,124.08	3,075.00	3,452.90	23.98	2,047.50	-76.975	-7,230.65	160.56	7,246.82	5,177.73	2,069.09	3.502			
5,250.00	5,173.05	3,075.00	3,452.90	24.25	2,047.50	-76.975	-7,230.65	160.56	7,256.48	5,187.12	2,069.36	3.507			
5,300.00	5,222.02	3,075.00	3,452.90	24.52	2,047.50	-76.975	-7,230.65	160.56	7,266.47	5,196.85	2,069.62	3.511			
5,350.00	5,270.99	3,075.00	3,452.90	24.79	2,047.50	-76.975	-7,230.65	160.56	7,276.79	5,206.90	2,069.89	3.516			
5,400.00	5,319.96	3,075.00	3,452.90	25.06	2,047.50	-76.975	-7,230.65	160.56	7,287.43	5,217.28	2,070.16	3.520			
5,450.00	5,368.93	3,075.00	3,452.90	25.33	2,047.50	-76.975	-7,230.65	160.56	7,298.41	5,227.99	2,070.42	3.525			
5,500.00	5,417.90	3,075.00	3,452.90	25.60	2,047.50	-76.975	-7,230.65	160.56	7,309.71	5,239.02	2,070.69	3.530			
5,550.00	5,466.87	3,075.00	3,452.90	25.87	2,047.50	-76.975	-7,230.65	160.56	7,321.33	5,250.38	2,070.95	3.535			
5,600.00	5,515.84	3,075.00	3,452.90	26.14	2,047.50	-76.975	-7,230.65	160.56	7,333.28	5,262.06	2,071.22	3.541			
5,650.00	5,564.81	3,075.00	3,452.90	26.41	2,047.50	-76.975	-7,230.65	160.56	7,345.54	5,274.06	2,071.48	3.546			
5,700.00	5,613.78	3,075.00	3,452.90	26.68	2,047.50	-76.975	-7,230.65	160.56	7,358.13	5,286.38	2,071.75	3.552			
5,750.00	5,662.74	3,075.00	3,452.90	26.95	2,047.50	-76.975	-7,230.65	160.56	7,371.03	5,299.02	2,072.02	3.557			
5,800.00	5,711.71	3,075.00	3,452.90	27.22	2,047.50	-76.975	-7,230.65	160.56	7,384.25	5,311.97	2,072.28	3.563			
5,850.00	5,760.68	3,075.00	3,452.90	27.49	2,047.50	-76.975	-7,230.65	160.56	7,397.79	5,325.24	2,072.55	3.569			
5,900.00	5,809.65	3,075.00	3,452.90	27.76	2,047.50	-76.975	-7,230.65	160.56	7,411.63	5,338.82	2,072.81	3.576			
5,950.00	5,858.62	3,075.00	3,452.90	28.03	2,047.50	-76.975	-7,230.65	160.56	7,425.79	5,352.71	2,073.08	3.582			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: CALDWELL #1-20 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
6,000.00	5,907.59	3,075.00	3,452.90	28.30	2,047.50	-76.975	-7,230.65	160.56	7,440.26	5,366.91	2,073.35	3.589			
6,050.00	5,956.56	3,075.00	3,452.90	28.57	2,047.50	-76.975	-7,230.65	160.56	7,455.03	5,381.42	2,073.61	3.595			
6,100.00	6,005.53	3,075.00	3,452.90	28.84	2,047.50	-76.975	-7,230.65	160.56	7,470.11	5,396.23	2,073.88	3.602			
6,150.00	6,054.50	3,075.00	3,452.90	29.11	2,047.50	-76.975	-7,230.65	160.56	7,485.49	5,411.35	2,074.14	3.609			
6,200.00	6,103.47	3,075.00	3,452.90	29.38	2,047.50	-76.975	-7,230.65	160.56	7,501.18	5,426.77	2,074.41	3.616			
6,250.00	6,152.44	3,075.00	3,452.90	29.65	2,047.50	-76.975	-7,230.65	160.56	7,517.16	5,442.49	2,074.68	3.623			
6,300.00	6,201.41	3,075.00	3,452.90	29.92	2,047.50	-76.975	-7,230.65	160.56	7,533.45	5,458.50	2,074.94	3.631			
6,350.00	6,250.37	3,075.00	3,452.90	30.19	2,047.50	-76.975	-7,230.65	160.56	7,550.02	5,474.81	2,075.21	3.638			
6,400.00	6,299.34	3,075.00	3,452.90	30.46	2,047.50	-76.975	-7,230.65	160.56	7,566.90	5,491.42	2,075.48	3.646			
6,450.00	6,348.31	3,075.00	3,452.90	30.73	2,047.50	-76.975	-7,230.65	160.56	7,584.06	5,508.32	2,075.74	3.654			
6,500.00	6,397.28	3,075.00	3,452.90	31.00	2,047.50	-76.975	-7,230.65	160.56	7,601.52	5,525.51	2,076.01	3.662			
6,550.00	6,446.25	3,075.00	3,452.90	31.28	2,047.50	-76.975	-7,230.65	160.56	7,619.26	5,542.98	2,076.27	3.670			
6,600.00	6,495.22	3,075.00	3,452.90	31.55	2,047.50	-76.975	-7,230.65	160.56	7,637.29	5,560.75	2,076.54	3.678			
6,650.00	6,544.19	3,075.00	3,452.90	31.82	2,047.50	-76.975	-7,230.65	160.56	7,655.60	5,578.79	2,076.81	3.686			
6,700.00	6,593.16	3,075.00	3,452.90	32.09	2,047.50	-76.975	-7,230.65	160.56	7,674.20	5,597.12	2,077.07	3.695			
6,750.00	6,642.13	3,075.00	3,452.90	32.36	2,047.50	-76.975	-7,230.65	160.56	7,693.07	5,615.73	2,077.34	3.703			
6,800.00	6,691.10	3,075.00	3,452.90	32.63	2,047.50	-76.975	-7,230.65	160.56	7,712.22	5,634.62	2,077.61	3.712			
6,850.00	6,740.07	3,075.00	3,452.90	32.90	2,047.50	-76.975	-7,230.65	160.56	7,731.65	5,653.78	2,077.87	3.721			
6,900.00	6,789.04	3,075.00	3,452.90	33.17	2,047.50	-76.975	-7,230.65	160.56	7,751.36	5,673.22	2,078.14	3.730			
6,950.00	6,838.01	3,075.00	3,452.90	33.44	2,047.50	-76.975	-7,230.65	160.56	7,771.33	5,692.92	2,078.41	3.739			
7,000.00	6,886.97	3,075.00	3,452.90	33.71	2,047.50	-76.975	-7,230.65	160.56	7,791.58	5,712.90	2,078.67	3.748			
7,050.00	6,935.94	3,075.00	3,452.90	33.98	2,047.50	-76.975	-7,230.65	160.56	7,812.09	5,733.15	2,078.94	3.758			
7,100.00	6,984.91	3,075.00	3,452.90	34.25	2,047.50	-76.975	-7,230.65	160.56	7,832.86	5,753.66	2,079.21	3.767			
7,150.00	7,033.88	3,075.00	3,452.90	34.52	2,047.50	-76.975	-7,230.65	160.56	7,853.91	5,774.43	2,079.48	3.777			
7,200.00	7,082.85	3,075.00	3,452.90	34.79	2,047.50	-76.975	-7,230.65	160.56	7,875.21	5,795.47	2,079.74	3.787			
7,250.00	7,131.82	3,075.00	3,452.90	35.07	2,047.50	-76.975	-7,230.65	160.56	7,896.77	5,816.76	2,080.01	3.797			
7,300.00	7,180.79	3,075.00	3,452.90	35.34	2,047.50	-76.975	-7,230.65	160.56	7,918.59	5,838.31	2,080.28	3.807			
7,350.00	7,229.76	3,075.00	3,452.90	35.61	2,047.50	-76.975	-7,230.65	160.56	7,940.66	5,860.12	2,080.54	3.817			
7,400.00	7,278.73	3,075.00	3,452.90	35.88	2,047.50	-76.975	-7,230.65	160.56	7,962.99	5,882.18	2,080.81	3.827			
7,450.00	7,327.70	3,075.00	3,452.90	36.15	2,047.50	-76.975	-7,230.65	160.56	7,985.56	5,904.48	2,081.08	3.837			
7,500.00	7,376.67	3,075.00	3,452.90	36.42	2,047.50	-76.975	-7,230.65	160.56	8,008.39	5,927.04	2,081.34	3.848			
7,550.00	7,425.64	3,075.00	3,452.90	36.69	2,047.50	-76.975	-7,230.65	160.56	8,031.46	5,949.85	2,081.61	3.858			
7,600.00	7,474.60	3,075.00	3,452.90	36.96	2,047.50	-76.975	-7,230.65	160.56	8,054.77	5,972.90	2,081.88	3.869			
7,650.00	7,523.57	3,075.00	3,452.90	37.23	2,047.50	-76.975	-7,230.65	160.56	8,078.33	5,996.19	2,082.14	3.880			
7,700.00	7,572.54	3,075.00	3,452.90	37.51	2,047.50	-76.975	-7,230.65	160.56	8,102.13	6,019.72	2,082.41	3.891			
7,750.00	7,621.51	3,075.00	3,452.90	37.78	2,047.50	-76.975	-7,230.65	160.56	8,126.16	6,043.49	2,082.68	3.902			
7,800.00	7,670.48	3,075.00	3,452.90	38.05	2,047.50	-76.975	-7,230.65	160.56	8,150.44	6,067.49	2,082.95	3.913			
7,850.00	7,719.45	3,075.00	3,452.90	38.32	2,047.50	-76.975	-7,230.65	160.56	8,174.94	6,091.73	2,083.21	3.924			
7,900.00	7,768.42	3,075.00	3,452.90	38.59	2,047.50	-76.975	-7,230.65	160.56	8,199.68	6,116.20	2,083.48	3.936			
7,950.00	7,817.39	3,075.00	3,452.90	38.86	2,047.50	-76.975	-7,230.65	160.56	8,224.65	6,140.90	2,083.75	3.947			
8,000.00	7,866.36	3,075.00	3,452.90	39.13	2,047.50	-76.975	-7,230.65	160.56	8,249.84	6,165.83	2,084.01	3.959			
8,050.00	7,915.33	3,075.00	3,452.90	39.40	2,047.50	-76.975	-7,230.65	160.56	8,275.26	6,190.98	2,084.28	3.970			
8,100.00	7,964.30	3,075.00	3,452.90	39.68	2,047.50	-76.975	-7,230.65	160.56	8,300.90	6,216.35	2,084.55	3.982			
8,150.00	8,013.27	3,075.00	3,452.90	39.95	2,047.50	-76.975	-7,230.65	160.56	8,326.77	6,241.95	2,084.82	3.994			
8,200.00	8,062.23	3,075.00	3,452.90	40.22	2,047.50	-76.975	-7,230.65	160.56	8,352.85	6,267.77	2,085.08	4.006			
8,250.00	8,111.20	3,075.00	3,452.90	40.49	2,047.50	-76.975	-7,230.65	160.56	8,379.15	6,293.80	2,085.35	4.018			
8,300.00	8,160.17	3,075.00	3,452.90	40.76	2,047.50	-76.975	-7,230.65	160.56	8,405.67	6,320.05	2,085.62	4.030			
8,350.00	8,209.14	3,075.00	3,452.90	41.03	2,047.50	-76.975	-7,230.65	160.56	8,432.39	6,346.51	2,085.89	4.043			
8,400.00	8,258.11	3,075.00	3,452.90	41.30	2,047.50	-76.975	-7,230.65	160.56	8,459.33	6,373.18	2,086.15	4.055			
8,450.00	8,307.08	3,075.00	3,452.90	41.57	2,047.50	-76.975	-7,230.65	160.56	8,486.48	6,400.06	2,086.42	4.067			
8,500.00	8,356.05	3,075.00	3,452.90	41.85	2,047.50	-76.975	-7,230.65	160.56	8,513.84	6,427.15	2,086.69	4.080			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design														MOHEE FED 0297-17-29 - OFFSET: CALDWELL #1-20 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND															Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
8,550.00	8,405.02	3,075.00	3,452.90	42.12	2,047.50	-76.975	-7,230.65	160.56	8,541.40	6,454.45	2,086.95	4.093				
8,600.00	8,453.99	3,075.00	3,452.90	42.39	2,047.50	-76.975	-7,230.65	160.56	8,569.16	6,481.94	2,087.22	4.106				
8,650.00	8,502.96	3,075.00	3,452.90	42.66	2,047.50	-76.975	-7,230.65	160.56	8,597.13	6,509.64	2,087.49	4.118				
8,700.00	8,551.93	3,075.00	3,452.90	42.93	2,047.50	-76.975	-7,230.65	160.56	8,625.29	6,537.54	2,087.76	4.131				
8,750.00	8,600.90	3,075.00	3,452.90	43.20	2,047.50	-76.975	-7,230.65	160.56	8,653.66	6,565.63	2,088.02	4.144				
8,800.00	8,649.87	3,075.00	3,452.90	43.47	2,047.50	-76.975	-7,230.65	160.56	8,682.21	6,593.92	2,088.29	4.158				
8,850.00	8,698.83	3,075.00	3,452.90	43.75	2,047.50	-76.975	-7,230.65	160.56	8,710.96	6,622.40	2,088.56	4.171				
8,900.00	8,747.80	3,075.00	3,452.90	44.02	2,047.50	-76.975	-7,230.65	160.56	8,739.91	6,651.08	2,088.83	4.184				
8,950.00	8,796.77	3,075.00	3,452.90	44.29	2,047.50	-76.975	-7,230.65	160.56	8,769.04	6,679.94	2,089.09	4.198				
9,000.00	8,845.74	3,075.00	3,452.90	44.56	2,047.50	-76.975	-7,230.65	160.56	8,798.36	6,708.99	2,089.36	4.211				
9,050.00	8,894.71	3,075.00	3,452.90	44.83	2,047.50	-76.975	-7,230.65	160.56	8,827.86	6,738.23	2,089.63	4.225				
9,100.00	8,943.68	3,075.00	3,452.90	45.10	2,047.50	-76.975	-7,230.65	160.56	8,857.55	6,767.65	2,089.90	4.238				
9,150.00	8,992.65	3,075.00	3,452.90	45.38	2,047.50	-76.975	-7,230.65	160.56	8,887.42	6,797.26	2,090.16	4.252				
9,200.00	9,041.62	3,075.00	3,452.90	45.65	2,047.50	-76.975	-7,230.65	160.56	8,917.47	6,827.04	2,090.43	4.266				
9,250.00	9,090.59	3,075.00	3,452.90	45.92	2,047.50	-76.975	-7,230.65	160.56	8,947.70	6,857.00	2,090.70	4.280				
9,300.00	9,139.56	3,075.00	3,452.90	46.19	2,047.50	-76.975	-7,230.65	160.56	8,978.11	6,887.14	2,090.97	4.294				
9,350.00	9,188.53	3,075.00	3,452.90	46.46	2,047.50	-76.975	-7,230.65	160.56	9,008.69	6,917.46	2,091.23	4.308				
9,400.00	9,237.50	3,075.00	3,452.90	46.73	2,047.50	-76.975	-7,230.65	160.56	9,039.44	6,947.94	2,091.50	4.322				
9,450.00	9,286.46	3,075.00	3,452.90	47.01	2,047.50	-76.975	-7,230.65	160.56	9,070.37	6,978.60	2,091.77	4.336				
9,500.00	9,335.43	3,075.00	3,452.90	47.28	2,047.50	-76.975	-7,230.65	160.56	9,101.47	7,009.43	2,092.04	4.351				
9,550.00	9,384.40	3,075.00	3,452.90	47.55	2,047.50	-76.975	-7,230.65	160.56	9,132.73	7,040.42	2,092.30	4.365				
9,600.00	9,433.37	3,075.00	3,452.90	47.82	2,047.50	-76.975	-7,230.65	160.56	9,164.16	7,071.59	2,092.57	4.379				
9,650.00	9,482.34	3,075.00	3,452.90	48.09	2,047.50	-76.975	-7,230.65	160.56	9,195.75	7,102.91	2,092.84	4.394				
9,700.00	9,531.31	3,075.00	3,452.90	48.36	2,047.50	-76.975	-7,230.65	160.56	9,227.51	7,134.40	2,093.11	4.409				
9,750.00	9,580.28	3,075.00	3,452.90	48.64	2,047.50	-76.975	-7,230.65	160.56	9,259.43	7,166.05	2,093.37	4.423				
9,800.00	9,629.25	3,075.00	3,452.90	48.91	2,047.50	-76.975	-7,230.65	160.56	9,291.50	7,197.86	2,093.64	4.438				
9,850.00	9,678.22	3,075.00	3,452.90	49.18	2,047.50	-76.975	-7,230.65	160.56	9,323.74	7,229.83	2,093.91	4.453				
9,900.00	9,727.19	3,075.00	3,452.90	49.45	2,047.50	-76.975	-7,230.65	160.56	9,356.13	7,261.95	2,094.18	4.468				
9,950.00	9,776.16	3,075.00	3,452.90	49.72	2,047.50	-76.975	-7,230.65	160.56	9,388.68	7,294.23	2,094.44	4.483				
10,000.00	9,825.13	3,075.00	3,452.90	49.99	2,047.50	-76.975	-7,230.65	160.56	9,421.37	7,326.66	2,094.71	4.498				
10,050.00	9,874.09	3,075.00	3,452.90	50.27	2,047.50	-76.975	-7,230.65	160.56	9,454.22	7,359.24	2,094.98	4.513				
10,100.00	9,923.06	3,075.00	3,452.90	50.54	2,047.50	-76.975	-7,230.65	160.56	9,487.22	7,391.98	2,095.25	4.528				
10,150.00	9,972.03	3,075.00	3,452.90	50.81	2,047.50	-76.975	-7,230.65	160.56	9,520.37	7,424.86	2,095.52	4.543				
10,200.00	10,021.00	3,075.00	3,452.90	51.08	2,047.50	-76.975	-7,230.65	160.56	9,553.67	7,457.88	2,095.78	4.559				
10,250.00	10,069.97	3,075.00	3,452.90	51.35	2,047.50	-76.975	-7,230.65	160.56	9,587.10	7,491.05	2,096.05	4.574				
10,300.00	10,118.94	3,075.00	3,452.90	51.62	2,047.50	-76.975	-7,230.65	160.56	9,620.69	7,524.37	2,096.32	4.589				
10,350.00	10,167.91	3,075.00	3,452.90	51.90	2,047.50	-76.975	-7,230.65	160.56	9,654.41	7,557.83	2,096.59	4.605				
10,400.00	10,216.88	3,075.00	3,452.90	52.17	2,047.50	-76.975	-7,230.65	160.56	9,688.28	7,591.43	2,096.85	4.620				
10,450.00	10,265.85	3,075.00	3,452.90	52.44	2,047.50	-76.975	-7,230.65	160.56	9,722.28	7,625.16	2,097.12	4.636				
10,500.00	10,314.82	3,075.00	3,452.90	52.71	2,047.50	-76.975	-7,230.65	160.56	9,756.43	7,659.04	2,097.39	4.652				
10,550.00	10,363.79	3,075.00	3,452.90	52.98	2,047.50	-76.975	-7,230.65	160.56	9,790.71	7,693.05	2,097.66	4.667				
10,600.00	10,412.76	3,075.00	3,452.90	53.25	2,047.50	-76.975	-7,230.65	160.56	9,825.12	7,727.20	2,097.92	4.683				
10,618.11	10,430.50	3,075.00	3,452.90	53.35	2,047.50	-76.975	-7,230.65	160.56	9,837.62	7,739.60	2,098.02	4.689				
10,650.00	10,461.64	3,075.00	3,452.90	53.53	2,047.50	-64.553	-7,230.65	160.56	9,859.06	7,768.75	2,090.32	4.717				
10,700.00	10,509.99	3,075.00	3,452.90	53.83	2,047.50	-50.670	-7,230.65	160.56	9,890.26	7,823.50	2,066.76	4.785				
10,750.00	10,557.44	3,075.00	3,452.90	54.14	2,047.50	-41.638	-7,230.65	160.56	9,918.34	7,888.80	2,029.54	4.887				
10,800.00	10,603.67	3,075.00	3,452.90	54.47	2,047.50	-35.554	-7,230.65	160.56	9,943.14	7,963.95	1,979.19	5.024				
10,850.00	10,648.37	3,075.00	3,452.90	54.81	2,047.50	-31.276	-7,230.65	160.56	9,964.50	8,048.18	1,916.32	5.200				
10,900.00	10,691.23	3,075.00	3,452.90	55.17	2,047.50	-28.160	-7,230.65	160.56	9,982.31	8,140.63	1,841.68	5.420				
10,950.00	10,731.95	3,075.00	3,452.90	55.53	2,047.50	-25.828	-7,230.65	160.56	9,996.47	8,240.29	1,756.18	5.692				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: CALDWELL #1-20 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
11,000.00	10,770.26	3,075.00	3,452.90	55.91	2,047.50	-24.055	-7,230.65	160.56	10,006.88	8,346.00	1,660.88	6.025			
11,050.00	10,805.89	3,075.00	3,452.90	56.29	2,047.50	-22.696	-7,230.65	160.56	10,013.50	8,456.42	1,557.08	6.431			
11,100.00	10,838.59	3,075.00	3,452.90	56.68	2,047.50	-21.656	-7,230.65	160.56	10,016.28	8,569.93	1,446.35	6.925			
11,150.00	10,868.14	3,075.00	3,452.90	57.08	2,047.50	-20.875	-7,230.65	160.56	10,015.21	8,684.57	1,330.64	7.527			
11,200.00	10,894.34	3,075.00	3,452.90	57.48	2,047.50	-20.308	-7,230.65	160.56	10,010.29	8,797.85	1,212.45	8.256			
11,250.00	10,917.01	3,075.00	3,452.90	57.89	2,047.50	-19.928	-7,230.65	160.56	10,001.56	8,906.48	1,095.08	9.133			
11,300.00	10,935.99	3,075.00	3,452.90	58.31	2,047.50	-19.718	-7,230.65	160.56	9,989.05	9,006.04	983.01	10.162			
11,350.00	10,951.16	3,075.00	3,452.90	58.73	2,047.50	-19.668	-7,230.65	160.56	9,972.85	9,090.46	882.39	11.302			
11,400.00	10,962.40	3,075.00	3,452.90	59.15	2,047.50	-19.775	-7,230.65	160.56	9,953.05	9,151.69	801.35	12.420			
11,450.00	10,969.64	3,075.00	3,452.90	59.57	2,047.50	-20.045	-7,230.65	160.56	9,929.76	9,180.28	749.48	13.249			
11,500.00	10,972.84	3,075.00	3,452.90	60.00	2,047.50	-20.490	-7,230.65	160.56	9,903.12	9,167.90	735.21	13.470			
11,514.23	10,973.00	3,075.00	3,452.90	60.12	2,047.50	-20.651	-7,230.65	160.56	9,894.94	9,156.26	738.68	13.395			
11,550.00	10,973.00	3,075.00	3,452.90	60.42	2,047.50	-20.169	-7,230.65	160.56	9,874.05	9,151.74	722.31	13.670			
11,600.00	10,973.00	3,075.00	3,452.90	60.85	2,047.50	-19.490	-7,230.65	160.56	9,844.79	9,145.59	699.19	14.080			
11,650.00	10,973.00	3,075.00	3,452.90	61.27	2,047.50	-18.805	-7,230.65	160.56	9,815.45	9,139.62	675.83	14.524			
11,700.00	10,973.00	3,075.00	3,452.90	61.71	2,047.50	-18.116	-7,230.65	160.56	9,786.06	9,133.84	652.22	15.004			
11,750.00	10,973.00	3,075.00	3,452.90	62.13	2,047.50	-17.422	-7,230.65	160.56	9,756.61	9,128.21	628.40	15.526			
11,773.11	10,973.00	3,075.00	3,452.90	62.33	2,047.50	-17.100	-7,230.65	160.56	9,742.98	9,125.67	617.31	15.783			
11,800.00	10,973.00	3,075.00	3,452.90	62.57	2,047.50	-17.100	-7,230.65	160.56	9,727.15	9,109.69	617.45	15.754			
11,850.00	10,973.00	3,075.00	3,452.90	63.01	2,047.50	-17.100	-7,230.65	160.56	9,697.83	9,080.10	617.73	15.699			
11,900.00	10,973.00	3,075.00	3,452.90	63.46	2,047.50	-17.100	-7,230.65	160.56	9,668.69	9,050.68	618.01	15.645			
11,950.00	10,973.00	3,075.00	3,452.90	63.93	2,047.50	-17.100	-7,230.65	160.56	9,639.71	9,021.41	618.30	15.591			
12,000.00	10,973.00	3,075.00	3,452.90	64.40	2,047.50	-17.100	-7,230.65	160.56	9,610.91	8,992.32	618.59	15.537			
12,050.00	10,973.00	3,075.00	3,452.90	64.89	2,047.50	-17.100	-7,230.65	160.56	9,582.28	8,963.38	618.91	15.483			
12,100.00	10,973.00	3,075.00	3,452.90	65.40	2,047.50	-17.100	-7,230.65	160.56	9,553.83	8,934.61	619.22	15.429			
12,150.00	10,973.00	3,075.00	3,452.90	65.91	2,047.50	-17.100	-7,230.65	160.56	9,525.56	8,906.01	619.54	15.375			
12,200.00	10,973.00	3,075.00	3,452.90	66.43	2,047.50	-17.100	-7,230.65	160.56	9,497.46	8,877.59	619.87	15.322			
12,250.00	10,973.00	3,075.00	3,452.90	66.97	2,047.50	-17.100	-7,230.65	160.56	9,469.55	8,849.34	620.21	15.268			
12,300.00	10,973.00	3,075.00	3,452.90	67.51	2,047.50	-17.100	-7,230.65	160.56	9,441.81	8,821.26	620.55	15.215			
12,350.00	10,973.00	3,075.00	3,452.90	68.07	2,047.50	-17.100	-7,230.65	160.56	9,414.27	8,793.36	620.90	15.162			
12,400.00	10,973.00	3,075.00	3,452.90	68.64	2,047.50	-17.100	-7,230.65	160.56	9,386.90	8,765.65	621.25	15.110			
12,450.00	10,973.00	3,075.00	3,452.90	69.22	2,047.50	-17.100	-7,230.65	160.56	9,359.73	8,738.11	621.62	15.057			
12,500.00	10,973.00	3,075.00	3,452.90	69.81	2,047.50	-17.100	-7,230.65	160.56	9,332.74	8,710.76	621.98	15.005			
12,550.00	10,973.00	3,075.00	3,452.90	70.41	2,047.50	-17.100	-7,230.65	160.56	9,305.94	8,683.59	622.35	14.953			
12,600.00	10,973.00	3,075.00	3,452.90	71.01	2,047.50	-17.100	-7,230.65	160.56	9,279.34	8,656.61	622.73	14.901			
12,650.00	10,973.00	3,075.00	3,452.90	71.63	2,047.50	-17.100	-7,230.65	160.56	9,252.93	8,629.82	623.11	14.850			
12,700.00	10,973.00	3,075.00	3,452.90	72.26	2,047.50	-17.100	-7,230.65	160.56	9,226.71	8,603.22	623.49	14.799			
12,750.00	10,973.00	3,075.00	3,452.90	72.90	2,047.50	-17.100	-7,230.65	160.56	9,200.69	8,576.81	623.88	14.748			
12,800.00	10,973.00	3,075.00	3,452.90	73.54	2,047.50	-17.100	-7,230.65	160.56	9,174.87	8,550.60	624.27	14.697			
12,850.00	10,973.00	3,075.00	3,452.90	74.20	2,047.50	-17.100	-7,230.65	160.56	9,149.25	8,524.59	624.66	14.647			
12,900.00	10,973.00	3,075.00	3,452.90	74.86	2,047.50	-17.100	-7,230.65	160.56	9,123.83	8,498.77	625.06	14.597			
12,950.00	10,973.00	3,075.00	3,452.90	75.53	2,047.50	-17.100	-7,230.65	160.56	9,098.62	8,473.16	625.46	14.547			
13,000.00	10,973.00	3,075.00	3,452.90	76.21	2,047.50	-17.100	-7,230.65	160.56	9,073.61	8,447.75	625.86	14.498			
13,050.00	10,973.00	3,075.00	3,452.90	76.90	2,047.50	-17.100	-7,230.65	160.56	9,048.81	8,422.54	626.27	14.449			
13,100.00	10,973.00	3,075.00	3,452.90	77.59	2,047.50	-17.100	-7,230.65	160.56	9,024.22	8,397.54	626.68	14.400			
13,150.00	10,973.00	3,075.00	3,452.90	78.30	2,047.50	-17.100	-7,230.65	160.56	8,999.84	8,372.74	627.10	14.352			
13,200.00	10,973.00	3,075.00	3,452.90	79.00	2,047.50	-17.100	-7,230.65	160.56	8,975.67	8,348.16	627.51	14.304			
13,250.00	10,973.00	3,075.00	3,452.90	79.72	2,047.50	-17.100	-7,230.65	160.56	8,951.71	8,323.79	627.93	14.256			
13,300.00	10,973.00	3,075.00	3,452.90	80.45	2,047.50	-17.100	-7,230.65	160.56	8,927.97	8,299.63	628.34	14.209			
13,350.00	10,973.00	3,075.00	3,452.90	81.18	2,047.50	-17.100	-7,230.65	160.56	8,904.45	8,275.68	628.77	14.162			
13,400.00	10,973.00	3,075.00	3,452.90	81.91	2,047.50	-17.100	-7,230.65	160.56	8,881.15	8,251.96	629.19	14.115			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: CALDWELL #1-20 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
13,450.00	10,973.00	3,075.00	3,452.90	82.66	2,047.50	-17.100	-7,230.65	160.56	8,858.07	8,228.45	629.62	14.069			
13,500.00	10,973.00	3,075.00	3,452.90	83.41	2,047.50	-17.100	-7,230.65	160.56	8,835.21	8,205.16	630.04	14.023			
13,550.00	10,973.00	3,075.00	3,452.90	84.17	2,047.50	-17.100	-7,230.65	160.56	8,812.57	8,182.10	630.47	13.978			
13,600.00	10,973.00	3,075.00	3,452.90	84.93	2,047.50	-17.100	-7,230.65	160.56	8,790.16	8,159.26	630.90	13.933			
13,650.00	10,973.00	3,075.00	3,452.90	85.70	2,047.50	-17.100	-7,230.65	160.56	8,767.98	8,136.65	631.33	13.888			
13,700.00	10,973.00	3,075.00	3,452.90	86.47	2,047.50	-17.100	-7,230.65	160.56	8,746.03	8,114.26	631.77	13.844			
13,750.00	10,973.00	3,075.00	3,452.90	87.25	2,047.50	-17.100	-7,230.65	160.56	8,724.31	8,092.11	632.20	13.800			
13,800.00	10,973.00	3,075.00	3,452.90	88.03	2,047.50	-17.100	-7,230.65	160.56	8,702.82	8,070.18	632.64	13.756			
13,850.00	10,973.00	3,075.00	3,452.90	88.82	2,047.50	-17.100	-7,230.65	160.56	8,681.57	8,048.49	633.08	13.713			
13,900.00	10,973.00	3,075.00	3,452.90	89.62	2,047.50	-17.100	-7,230.65	160.56	8,660.55	8,027.04	633.51	13.671			
13,950.00	10,973.00	3,075.00	3,452.90	90.42	2,047.50	-17.100	-7,230.65	160.56	8,639.78	8,005.82	633.96	13.628			
14,000.00	10,973.00	3,075.00	3,452.90	91.22	2,047.50	-17.100	-7,230.65	160.56	8,619.24	7,984.84	634.40	13.587			
14,050.00	10,973.00	3,075.00	3,452.90	92.03	2,047.50	-17.100	-7,230.65	160.56	8,598.94	7,964.10	634.84	13.545			
14,100.00	10,973.00	3,075.00	3,452.90	92.84	2,047.50	-17.100	-7,230.65	160.56	8,578.89	7,943.61	635.28	13.504			
14,150.00	10,973.00	3,075.00	3,452.90	93.66	2,047.50	-17.100	-7,230.65	160.56	8,559.08	7,923.36	635.73	13.463			
14,200.00	10,973.00	3,075.00	3,452.90	94.48	2,047.50	-17.100	-7,230.65	160.56	8,539.52	7,903.35	636.17	13.423			
14,250.00	10,973.00	3,075.00	3,452.90	95.31	2,047.50	-17.100	-7,230.65	160.56	8,520.21	7,883.59	636.62	13.383			
14,300.00	10,973.00	3,075.00	3,452.90	96.14	2,047.50	-17.100	-7,230.65	160.56	8,501.15	7,864.08	637.07	13.344			
14,350.00	10,973.00	3,075.00	3,452.90	96.97	2,047.50	-17.100	-7,230.65	160.56	8,482.34	7,844.82	637.52	13.305			
14,400.00	10,973.00	3,075.00	3,452.90	97.81	2,047.50	-17.100	-7,230.65	160.56	8,463.78	7,825.82	637.97	13.267			
14,450.00	10,973.00	3,075.00	3,452.90	98.65	2,047.50	-17.100	-7,230.65	160.56	8,445.48	7,807.07	638.42	13.229			
14,500.00	10,973.00	3,075.00	3,452.90	99.50	2,047.50	-17.100	-7,230.65	160.56	8,427.44	7,788.57	638.87	13.191			
14,550.00	10,973.00	3,075.00	3,452.90	100.35	2,047.50	-17.100	-7,230.65	160.56	8,409.65	7,770.33	639.32	13.154			
14,600.00	10,973.00	3,075.00	3,452.90	101.20	2,047.50	-17.100	-7,230.65	160.56	8,392.13	7,752.36	639.77	13.117			
14,650.00	10,973.00	3,075.00	3,452.90	102.06	2,047.50	-17.100	-7,230.65	160.56	8,374.86	7,734.64	640.23	13.081			
14,700.00	10,973.00	3,075.00	3,452.90	102.92	2,047.50	-17.100	-7,230.65	160.56	8,357.86	7,717.18	640.68	13.045			
14,750.00	10,973.00	3,075.00	3,452.90	103.78	2,047.50	-17.100	-7,230.65	160.56	8,341.13	7,699.99	641.13	13.010			
14,800.00	10,973.00	3,075.00	3,452.90	104.64	2,047.50	-17.100	-7,230.65	160.56	8,324.66	7,683.07	641.59	12.975			
14,850.00	10,973.00	3,075.00	3,452.90	105.51	2,047.50	-17.100	-7,230.65	160.56	8,308.46	7,666.41	642.05	12.941			
14,900.00	10,973.00	3,075.00	3,452.90	106.38	2,047.50	-17.100	-7,230.65	160.56	8,292.53	7,650.03	642.50	12.907			
14,950.00	10,973.00	3,075.00	3,452.90	107.26	2,047.50	-17.100	-7,230.65	160.56	8,276.87	7,633.91	642.96	12.873			
15,000.00	10,973.00	3,075.00	3,452.90	108.13	2,047.50	-17.100	-7,230.65	160.56	8,261.48	7,618.07	643.42	12.840			
15,050.00	10,973.00	3,075.00	3,452.90	109.01	2,047.50	-17.100	-7,230.65	160.56	8,246.37	7,602.50	643.87	12.807			
15,100.00	10,973.00	3,075.00	3,452.90	109.90	2,047.50	-17.100	-7,230.65	160.56	8,231.54	7,587.20	644.33	12.775			
15,150.00	10,973.00	3,075.00	3,452.90	110.78	2,047.50	-17.100	-7,230.65	160.56	8,216.98	7,572.19	644.79	12.744			
15,200.00	10,973.00	3,075.00	3,452.90	111.67	2,047.50	-17.100	-7,230.65	160.56	8,202.70	7,557.45	645.25	12.712			
15,250.00	10,973.00	3,075.00	3,452.90	112.56	2,047.50	-17.100	-7,230.65	160.56	8,188.70	7,542.99	645.71	12.682			
15,300.00	10,973.00	3,075.00	3,452.90	113.45	2,047.50	-17.100	-7,230.65	160.56	8,174.99	7,528.81	646.17	12.651			
15,350.00	10,973.00	3,075.00	3,452.90	114.35	2,047.50	-17.100	-7,230.65	160.56	8,161.55	7,514.92	646.63	12.622			
15,400.00	10,973.00	3,075.00	3,452.90	115.24	2,047.50	-17.100	-7,230.65	160.56	8,148.40	7,501.31	647.10	12.592			
15,450.00	10,973.00	3,075.00	3,452.90	116.14	2,047.50	-17.100	-7,230.65	160.56	8,135.54	7,487.98	647.56	12.563			
15,500.00	10,973.00	3,075.00	3,452.90	117.05	2,047.50	-17.100	-7,230.65	160.56	8,122.96	7,474.94	648.02	12.535			
15,550.00	10,973.00	3,075.00	3,452.90	117.95	2,047.50	-17.100	-7,230.65	160.56	8,110.68	7,462.20	648.48	12.507			
15,600.00	10,973.00	3,075.00	3,452.90	118.85	2,047.50	-17.100	-7,230.65	160.56	8,098.68	7,449.74	648.95	12.480			
15,650.00	10,973.00	3,075.00	3,452.90	119.76	2,047.50	-17.100	-7,230.65	160.56	8,086.98	7,437.57	649.41	12.453			
15,700.00	10,973.00	3,075.00	3,452.90	120.67	2,047.50	-17.100	-7,230.65	160.56	8,075.56	7,425.69	649.87	12.426			
15,750.00	10,973.00	3,075.00	3,452.90	121.58	2,047.50	-17.100	-7,230.65	160.56	8,064.44	7,414.11	650.34	12.400			
15,800.00	10,973.00	3,075.00	3,452.90	122.50	2,047.50	-17.100	-7,230.65	160.56	8,053.62	7,402.82	650.80	12.375			
15,850.00	10,973.00	3,075.00	3,452.90	123.41	2,047.50	-17.100	-7,230.65	160.56	8,043.09	7,391.83	651.27	12.350			
15,900.00	10,973.00	3,075.00	3,452.90	124.33	2,047.50	-17.100	-7,230.65	160.56	8,032.86	7,381.13	651.73	12.325			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: CALDWELL #1-20 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
15,950.00	10,973.00	3,075.00	3,452.90	125.25	2,047.50	-17.100	-7,230.65	160.56	8,022.93	7,370.73	652.20	12.301			
16,000.00	10,973.00	3,075.00	3,452.90	126.17	2,047.50	-17.100	-7,230.65	160.56	8,013.30	7,360.64	652.66	12.278			
16,050.00	10,973.00	3,075.00	3,452.90	127.09	2,047.50	-17.100	-7,230.65	160.56	8,003.97	7,350.84	653.13	12.255			
16,100.00	10,973.00	3,075.00	3,452.90	128.02	2,047.50	-17.100	-7,230.65	160.56	7,994.94	7,341.34	653.60	12.232			
16,150.00	10,973.00	3,075.00	3,452.90	128.94	2,047.50	-17.100	-7,230.65	160.56	7,986.21	7,332.15	654.06	12.210			
16,200.00	10,973.00	3,075.00	3,452.90	129.87	2,047.50	-17.100	-7,230.65	160.56	7,977.79	7,323.26	654.53	12.189			
16,250.00	10,973.00	3,075.00	3,452.90	130.80	2,047.50	-17.100	-7,230.65	160.56	7,969.67	7,314.68	655.00	12.168			
16,300.00	10,973.00	3,075.00	3,452.90	131.73	2,047.50	-17.100	-7,230.65	160.56	7,961.86	7,306.40	655.46	12.147			
16,350.00	10,973.00	3,075.00	3,452.90	132.66	2,047.50	-17.100	-7,230.65	160.56	7,954.36	7,298.42	655.93	12.127			
16,400.00	10,973.00	3,075.00	3,452.90	133.60	2,047.50	-17.100	-7,230.65	160.56	7,947.16	7,290.76	656.40	12.107			
16,450.00	10,973.00	3,075.00	3,452.90	134.53	2,047.50	-17.100	-7,230.65	160.56	7,940.27	7,283.40	656.87	12.088			
16,500.00	10,973.00	3,075.00	3,452.90	135.47	2,047.50	-17.100	-7,230.65	160.56	7,933.69	7,276.35	657.34	12.069			
16,550.00	10,973.00	3,075.00	3,452.90	136.40	2,047.50	-17.100	-7,230.65	160.56	7,927.42	7,269.61	657.81	12.051			
16,600.00	10,973.00	3,075.00	3,452.90	137.34	2,047.50	-17.100	-7,230.65	160.56	7,921.46	7,263.18	658.27	12.034			
16,650.00	10,973.00	3,075.00	3,452.90	138.28	2,047.50	-17.100	-7,230.65	160.56	7,915.81	7,257.06	658.74	12.017			
16,700.00	10,973.00	3,075.00	3,452.90	139.22	2,047.50	-17.100	-7,230.65	160.56	7,910.47	7,251.26	659.21	12.000			
16,750.00	10,973.00	3,075.00	3,452.90	140.17	2,047.50	-17.100	-7,230.65	160.56	7,905.45	7,245.77	659.68	11.984			
16,800.00	10,973.00	3,075.00	3,452.90	141.11	2,047.50	-17.100	-7,230.65	160.56	7,900.74	7,240.59	660.15	11.968			
16,850.00	10,973.00	3,075.00	3,452.90	142.06	2,047.50	-17.100	-7,230.65	160.56	7,896.34	7,235.72	660.62	11.953			
16,900.00	10,973.00	3,075.00	3,452.90	143.00	2,047.50	-17.100	-7,230.65	160.56	7,892.26	7,231.17	661.09	11.938			
16,950.00	10,973.00	3,075.00	3,452.90	143.95	2,047.50	-17.100	-7,230.65	160.56	7,888.49	7,226.93	661.56	11.924			
17,000.00	10,973.00	3,075.00	3,452.90	144.90	2,047.50	-17.100	-7,230.65	160.56	7,885.04	7,223.00	662.03	11.910			
17,050.00	10,973.00	3,075.00	3,452.90	145.85	2,047.50	-17.100	-7,230.65	160.56	7,881.90	7,219.40	662.50	11.897			
17,100.00	10,973.00	3,075.00	3,452.90	146.80	2,047.50	-17.100	-7,230.65	160.56	7,879.08	7,216.11	662.97	11.884			
17,150.00	10,973.00	3,075.00	3,452.90	147.75	2,047.50	-17.100	-7,230.65	160.56	7,876.58	7,213.13	663.45	11.872			
17,200.00	10,973.00	3,075.00	3,452.90	148.70	2,047.50	-17.100	-7,230.65	160.56	7,874.39	7,210.47	663.92	11.861			
17,250.00	10,973.00	3,075.00	3,452.90	149.66	2,047.50	-17.100	-7,230.65	160.56	7,872.52	7,208.13	664.39	11.849			
17,300.00	10,973.00	3,075.00	3,452.90	150.61	2,047.50	-17.100	-7,230.65	160.56	7,870.96	7,206.10	664.86	11.839			
17,350.00	10,973.00	3,075.00	3,452.90	151.57	2,047.50	-17.100	-7,230.65	160.56	7,869.73	7,204.40	665.33	11.828			
17,400.00	10,973.00	3,075.00	3,452.90	152.52	2,047.50	-17.100	-7,230.65	160.56	7,868.81	7,203.01	665.80	11.819			
17,450.00	10,973.00	3,075.00	3,452.90	153.48	2,047.50	-17.100	-7,230.65	160.56	7,868.21	7,201.93	666.27	11.809			
17,500.00	10,973.00	3,075.00	3,452.90	154.44	2,047.50	-17.100	-7,230.65	160.56	7,867.92	7,201.18	666.75	11.800			
17,519.58	10,973.00	3,075.00	3,452.90	154.81	2,047.50	-17.100	-7,230.65	160.56	7,867.90	7,200.97	666.93	11.797			
17,550.00	10,973.00	3,075.00	3,452.90	155.40	2,047.50	-17.100	-7,230.65	160.56	7,867.96	7,200.74	667.22	11.792			
17,600.00	10,973.00	3,075.00	3,452.90	156.36	2,047.50	-17.100	-7,230.65	160.56	7,868.31	7,200.62	667.69	11.784			
17,650.00	10,973.00	3,075.00	3,452.90	157.32	2,047.50	-17.100	-7,230.65	160.56	7,868.98	7,200.82	668.16	11.777			
17,700.00	10,973.00	3,075.00	3,452.90	158.28	2,047.50	-17.100	-7,230.65	160.56	7,869.97	7,201.33	668.64	11.770			
17,750.00	10,973.00	3,075.00	3,452.90	159.24	2,047.50	-17.100	-7,230.65	160.56	7,871.27	7,202.16	669.11	11.764			
17,800.00	10,973.00	3,075.00	3,452.90	160.21	2,047.50	-17.100	-7,230.65	160.56	7,872.90	7,203.31	669.58	11.758			
17,850.00	10,973.00	3,075.00	3,452.90	161.17	2,047.50	-17.100	-7,230.65	160.56	7,874.84	7,204.78	670.06	11.753			
17,900.00	10,973.00	3,075.00	3,452.90	162.14	2,047.50	-17.100	-7,230.65	160.56	7,877.09	7,206.56	670.53	11.748			
17,950.00	10,973.00	3,075.00	3,452.90	163.10	2,047.50	-17.100	-7,230.65	160.56	7,879.66	7,208.66	671.00	11.743			
18,000.00	10,973.00	3,075.00	3,452.90	164.07	2,047.50	-17.100	-7,230.65	160.56	7,882.55	7,211.08	671.48	11.739			
18,050.00	10,973.00	3,075.00	3,452.90	165.04	2,047.50	-17.100	-7,230.65	160.56	7,885.76	7,213.81	671.95	11.736			
18,100.00	10,973.00	3,075.00	3,452.90	166.01	2,047.50	-17.100	-7,230.65	160.56	7,889.28	7,216.86	672.42	11.733			
18,150.00	10,973.00	3,075.00	3,452.90	166.97	2,047.50	-17.100	-7,230.65	160.56	7,893.12	7,220.22	672.90	11.730			
18,200.00	10,973.00	3,075.00	3,452.90	167.94	2,047.50	-17.100	-7,230.65	160.56	7,897.27	7,223.90	673.37	11.728			
18,250.00	10,973.00	3,075.00	3,452.90	168.92	2,047.50	-17.100	-7,230.65	160.56	7,901.73	7,227.89	673.84	11.726			
18,300.00	10,973.00	3,075.00	3,452.90	169.89	2,047.50	-17.100	-7,230.65	160.56	7,906.51	7,232.19	674.32	11.725			
18,350.00	10,973.00	3,075.00	3,452.90	170.86	2,047.50	-17.100	-7,230.65	160.56	7,911.60	7,236.81	674.79	11.725			
18,400.00	10,973.00	3,075.00	3,452.90	171.83	2,047.50	-17.100	-7,230.65	160.56	7,917.01	7,241.74	675.27	11.724			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: CALDWELL #1-20 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
18,450.00	10,973.00	3,075.00	3,452.90	172.80	2,047.50	-17.100	-7,230.65	160.56	7,922.72	7,246.98	675.74	11.725			
18,500.00	10,973.00	3,075.00	3,452.90	173.78	2,047.50	-17.100	-7,230.65	160.56	7,928.75	7,252.54	676.22	11.725			
18,550.00	10,973.00	3,075.00	3,452.90	174.75	2,047.50	-17.100	-7,230.65	160.56	7,935.09	7,258.40	676.69	11.726			
18,600.00	10,973.00	3,075.00	3,452.90	175.73	2,047.50	-17.100	-7,230.65	160.56	7,941.74	7,264.57	677.16	11.728			
18,650.00	10,973.00	3,075.00	3,452.90	176.70	2,047.50	-17.100	-7,230.65	160.56	7,948.69	7,271.05	677.64	11.730			
18,700.00	10,973.00	3,075.00	3,452.90	177.68	2,047.50	-17.100	-7,230.65	160.56	7,955.96	7,277.84	678.11	11.732			
18,750.00	10,973.00	3,075.00	3,452.90	178.65	2,047.50	-17.100	-7,230.65	160.56	7,963.53	7,284.94	678.59	11.735			
18,800.00	10,973.00	3,075.00	3,452.90	179.63	2,047.50	-17.100	-7,230.65	160.56	7,971.41	7,292.34	679.06	11.739			
18,850.00	10,973.00	3,075.00	3,452.90	180.61	2,047.50	-17.100	-7,230.65	160.56	7,979.59	7,300.05	679.54	11.743			
18,900.00	10,973.00	3,075.00	3,452.90	181.59	2,047.50	-17.100	-7,230.65	160.56	7,988.08	7,308.07	680.01	11.747			
18,950.00	10,973.00	3,075.00	3,452.90	182.57	2,047.50	-17.100	-7,230.65	160.56	7,996.87	7,316.38	680.49	11.752			
19,000.00	10,973.00	3,075.00	3,452.90	183.55	2,047.50	-17.100	-7,230.65	160.56	8,005.97	7,325.00	680.96	11.757			
19,050.00	10,973.00	3,075.00	3,452.90	184.53	2,047.50	-17.100	-7,230.65	160.56	8,015.36	7,333.92	681.44	11.762			
19,100.00	10,973.00	3,075.00	3,452.90	185.51	2,047.50	-17.100	-7,230.65	160.56	8,025.06	7,343.14	681.92	11.768			
19,150.00	10,973.00	3,075.00	3,452.90	186.49	2,047.50	-17.100	-7,230.65	160.56	8,035.06	7,352.67	682.39	11.775			
19,200.00	10,973.00	3,075.00	3,452.90	187.47	2,047.50	-17.100	-7,230.65	160.56	8,045.35	7,362.48	682.87	11.782			
19,250.00	10,973.00	3,075.00	3,452.90	188.45	2,047.50	-17.100	-7,230.65	160.56	8,055.94	7,372.60	683.34	11.789			
19,300.00	10,973.00	3,075.00	3,452.90	189.43	2,047.50	-17.100	-7,230.65	160.56	8,066.83	7,383.01	683.82	11.797			
19,350.00	10,973.00	3,075.00	3,452.90	190.42	2,047.50	-17.100	-7,230.65	160.56	8,078.01	7,393.72	684.29	11.805			
19,400.00	10,973.00	3,075.00	3,452.90	191.40	2,047.50	-17.100	-7,230.65	160.56	8,089.49	7,404.72	684.77	11.813			
19,450.00	10,973.00	3,075.00	3,452.90	192.38	2,047.50	-17.100	-7,230.65	160.56	8,101.26	7,416.01	685.25	11.822			
19,500.00	10,973.00	3,075.00	3,452.90	193.37	2,047.50	-17.100	-7,230.65	160.56	8,113.32	7,427.60	685.72	11.832			
19,550.00	10,973.00	3,075.00	3,452.90	194.35	2,047.50	-17.100	-7,230.65	160.56	8,125.67	7,439.47	686.20	11.842			
19,600.00	10,973.00	3,075.00	3,452.90	195.34	2,047.50	-17.100	-7,230.65	160.56	8,138.31	7,451.63	686.67	11.852			
19,650.00	10,973.00	3,075.00	3,452.90	196.32	2,047.50	-17.100	-7,230.65	160.56	8,151.23	7,464.08	687.15	11.862			
19,700.00	10,973.00	3,075.00	3,452.90	197.31	2,047.50	-17.100	-7,230.65	160.56	8,164.44	7,476.81	687.63	11.873			
19,750.00	10,973.00	3,075.00	3,452.90	198.30	2,047.50	-17.100	-7,230.65	160.56	8,177.94	7,489.83	688.10	11.885			
19,800.00	10,973.00	3,075.00	3,452.90	199.28	2,047.50	-17.100	-7,230.65	160.56	8,191.71	7,503.13	688.58	11.897			
19,850.00	10,973.00	3,075.00	3,452.90	200.27	2,047.50	-17.100	-7,230.65	160.56	8,205.77	7,516.72	689.06	11.909			
19,900.00	10,973.00	3,075.00	3,452.90	201.26	2,047.50	-17.100	-7,230.65	160.56	8,220.11	7,530.58	689.53	11.921			
19,950.00	10,973.00	3,075.00	3,452.90	202.25	2,047.50	-17.100	-7,230.65	160.56	8,234.73	7,544.72	690.01	11.934			
20,000.00	10,973.00	3,075.00	3,452.90	203.24	2,047.50	-17.100	-7,230.65	160.56	8,249.63	7,559.14	690.49	11.948			
20,050.00	10,973.00	3,075.00	3,452.90	204.22	2,047.50	-17.100	-7,230.65	160.56	8,264.80	7,573.84	690.96	11.961			
20,100.00	10,973.00	3,075.00	3,452.90	205.21	2,047.50	-17.100	-7,230.65	160.56	8,280.24	7,588.80	691.44	11.975			
20,150.00	10,973.00	3,075.00	3,452.90	206.20	2,047.50	-17.100	-7,230.65	160.56	8,295.96	7,604.05	691.92	11.990			
20,200.00	10,973.00	3,075.00	3,452.90	207.19	2,047.50	-17.100	-7,230.65	160.56	8,311.95	7,619.56	692.39	12.005			
20,250.00	10,973.00	3,075.00	3,452.90	208.18	2,047.50	-17.100	-7,230.65	160.56	8,328.21	7,635.34	692.87	12.020			
20,300.00	10,973.00	3,075.00	3,452.90	209.17	2,047.50	-17.100	-7,230.65	160.56	8,344.74	7,651.39	693.35	12.035			
20,350.00	10,973.00	3,075.00	3,452.90	210.17	2,047.50	-17.100	-7,230.65	160.56	8,361.53	7,667.70	693.82	12.051			
20,400.00	10,973.00	3,075.00	3,452.90	211.16	2,047.50	-17.100	-7,230.65	160.56	8,378.59	7,684.28	694.30	12.068			
20,450.00	10,973.00	3,075.00	3,452.90	212.15	2,047.50	-17.100	-7,230.65	160.56	8,395.91	7,701.13	694.78	12.084			
20,500.00	10,973.00	3,075.00	3,452.90	213.14	2,047.50	-17.100	-7,230.65	160.56	8,413.49	7,718.23	695.25	12.101			
20,550.00	10,973.00	3,075.00	3,452.90	214.13	2,047.50	-17.100	-7,230.65	160.56	8,431.33	7,735.60	695.73	12.119			
20,600.00	10,973.00	3,075.00	3,452.90	215.13	2,047.50	-17.100	-7,230.65	160.56	8,449.43	7,753.22	696.21	12.136			
20,650.00	10,973.00	3,075.00	3,452.90	216.12	2,047.50	-17.100	-7,230.65	160.56	8,467.79	7,771.10	696.69	12.154			
20,700.00	10,973.00	3,075.00	3,452.90	217.11	2,047.50	-17.100	-7,230.65	160.56	8,486.40	7,789.23	697.16	12.173			
20,750.00	10,973.00	3,075.00	3,452.90	218.11	2,047.50	-17.100	-7,230.65	160.56	8,505.26	7,807.62	697.64	12.191			
20,800.00	10,973.00	3,075.00	3,452.90	219.10	2,047.50	-17.100	-7,230.65	160.56	8,524.38	7,826.26	698.12	12.210			
20,850.00	10,973.00	3,075.00	3,452.90	220.10	2,047.50	-17.100	-7,230.65	160.56	8,543.74	7,845.15	698.60	12.230			
20,900.00	10,973.00	3,075.00	3,452.90	221.09	2,047.50	-17.100	-7,230.65	160.56	8,563.36	7,864.28	699.07	12.250			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: CALDWELL #1-20 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
20,950.00	10,973.00	3,075.00	3,452.90	222.08	2,047.50	-17.100	-7,230.65	160.56	8,583.22	7,883.67	699.55	12.270			
21,000.00	10,973.00	3,075.00	3,452.90	223.08	2,047.50	-17.100	-7,230.65	160.56	8,603.32	7,903.30	700.03	12.290			
21,050.00	10,973.00	3,075.00	3,452.90	224.08	2,047.50	-17.100	-7,230.65	160.56	8,623.67	7,923.17	700.51	12.311			
21,100.00	10,973.00	3,075.00	3,452.90	225.07	2,047.50	-17.100	-7,230.65	160.56	8,644.26	7,943.28	700.98	12.332			
21,150.00	10,973.00	3,075.00	3,452.90	226.07	2,047.50	-17.100	-7,230.65	160.56	8,665.09	7,963.63	701.46	12.353			
21,200.00	10,973.00	3,075.00	3,452.90	227.06	2,047.50	-17.100	-7,230.65	160.56	8,686.16	7,984.22	701.94	12.375			
21,250.00	10,973.00	3,075.00	3,452.90	228.06	2,047.50	-17.100	-7,230.65	160.56	8,707.46	8,005.05	702.42	12.396			
21,300.00	10,973.00	3,075.00	3,452.90	229.06	2,047.50	-17.100	-7,230.65	160.56	8,729.00	8,026.10	702.90	12.419			
21,350.00	10,973.00	3,075.00	3,452.90	230.05	2,047.50	-17.100	-7,230.65	160.56	8,750.77	8,047.40	703.37	12.441			
21,400.00	10,973.00	3,075.00	3,452.90	231.05	2,047.50	-17.100	-7,230.65	160.56	8,772.77	8,068.92	703.85	12.464			
21,450.00	10,973.00	3,075.00	3,452.90	232.05	2,047.50	-17.100	-7,230.65	160.56	8,795.00	8,090.67	704.33	12.487			
21,500.00	10,973.00	3,075.00	3,452.90	233.05	2,047.50	-17.100	-7,230.65	160.56	8,817.46	8,112.65	704.81	12.510			
21,550.00	10,973.00	3,075.00	3,452.90	234.05	2,047.50	-17.100	-7,230.65	160.56	8,840.14	8,134.86	705.29	12.534			
21,600.00	10,973.00	3,075.00	3,452.90	235.04	2,047.50	-17.100	-7,230.65	160.56	8,863.05	8,157.29	705.76	12.558			
21,650.00	10,973.00	3,075.00	3,452.90	236.04	2,047.50	-17.100	-7,230.65	160.56	8,886.18	8,179.94	706.24	12.582			
21,700.00	10,973.00	3,075.00	3,452.90	237.04	2,047.50	-17.100	-7,230.65	160.56	8,909.53	8,202.81	706.72	12.607			
21,750.00	10,973.00	3,075.00	3,452.90	238.04	2,047.50	-17.100	-7,230.65	160.56	8,933.10	8,225.91	707.20	12.632			
21,800.00	10,973.00	3,075.00	3,452.90	239.04	2,047.50	-17.100	-7,230.65	160.56	8,956.89	8,249.21	707.68	12.657			
21,850.00	10,973.00	3,075.00	3,452.90	240.04	2,047.50	-17.100	-7,230.65	160.56	8,980.89	8,272.74	708.15	12.682			
21,900.00	10,973.00	3,075.00	3,452.90	241.04	2,047.50	-17.100	-7,230.65	160.56	9,005.11	8,296.47	708.63	12.708			
21,950.00	10,973.00	3,075.00	3,452.90	242.04	2,047.50	-17.100	-7,230.65	160.56	9,029.53	8,320.42	709.11	12.734			
22,000.00	10,973.00	3,075.00	3,452.90	243.04	2,047.50	-17.100	-7,230.65	160.56	9,054.17	8,344.58	709.59	12.760			
22,050.00	10,973.00	3,075.00	3,452.90	244.04	2,047.50	-17.100	-7,230.65	160.56	9,079.02	8,368.95	710.07	12.786			
22,100.00	10,973.00	3,075.00	3,452.90	245.04	2,047.50	-17.100	-7,230.65	160.56	9,104.07	8,393.53	710.55	12.813			
22,150.00	10,973.00	3,075.00	3,452.90	246.04	2,047.50	-17.100	-7,230.65	160.56	9,129.33	8,418.31	711.02	12.840			
22,200.00	10,973.00	3,075.00	3,452.90	247.05	2,047.50	-17.100	-7,230.65	160.56	9,154.79	8,443.29	711.50	12.867			
22,250.00	10,973.00	3,075.00	3,452.90	248.05	2,047.50	-17.100	-7,230.65	160.56	9,180.45	8,468.47	711.98	12.894			
22,300.00	10,973.00	3,075.00	3,452.90	249.05	2,047.50	-17.100	-7,230.65	160.56	9,206.32	8,493.86	712.46	12.922			
22,350.00	10,973.00	3,075.00	3,452.90	250.05	2,047.50	-17.100	-7,230.65	160.56	9,232.38	8,519.44	712.94	12.950			
22,400.00	10,973.00	3,075.00	3,452.90	251.05	2,047.50	-17.100	-7,230.65	160.56	9,258.64	8,545.22	713.42	12.978			
22,450.00	10,973.00	3,075.00	3,452.90	252.06	2,047.50	-17.100	-7,230.65	160.56	9,285.09	8,571.20	713.90	13.006			
22,500.00	10,973.00	3,075.00	3,452.90	253.06	2,047.50	-17.100	-7,230.65	160.56	9,311.74	8,597.36	714.37	13.035			
22,550.00	10,973.00	3,075.00	3,452.90	254.06	2,047.50	-17.100	-7,230.65	160.56	9,338.58	8,623.72	714.85	13.064			
22,600.00	10,973.00	3,075.00	3,452.90	255.06	2,047.50	-17.100	-7,230.65	160.56	9,365.60	8,650.27	715.33	13.093			
22,650.00	10,973.00	3,075.00	3,452.90	256.07	2,047.50	-17.100	-7,230.65	160.56	9,392.82	8,677.01	715.81	13.122			
22,700.00	10,973.00	3,075.00	3,452.90	257.07	2,047.50	-17.100	-7,230.65	160.56	9,420.22	8,703.94	716.29	13.151			
22,750.00	10,973.00	3,075.00	3,452.90	258.07	2,047.50	-17.100	-7,230.65	160.56	9,447.81	8,731.05	716.77	13.181			
22,800.00	10,973.00	3,075.00	3,452.90	259.08	2,047.50	-17.100	-7,230.65	160.56	9,475.59	8,758.34	717.25	13.211			
22,850.00	10,973.00	3,075.00	3,452.90	260.08	2,047.50	-17.100	-7,230.65	160.56	9,503.54	8,785.81	717.72	13.241			
22,900.00	10,973.00	3,075.00	3,452.90	261.08	2,047.50	-17.100	-7,230.65	160.56	9,531.67	8,813.47	718.20	13.272			
22,950.00	10,973.00	3,075.00	3,452.90	262.09	2,047.50	-17.100	-7,230.65	160.56	9,559.99	8,841.30	718.68	13.302			
23,000.00	10,973.00	3,075.00	3,452.90	263.09	2,047.50	-17.100	-7,230.65	160.56	9,588.48	8,869.32	719.16	13.333			
23,050.00	10,973.00	3,075.00	3,452.90	264.10	2,047.50	-17.100	-7,230.65	160.56	9,617.14	8,897.50	719.64	13.364			
23,100.00	10,973.00	3,075.00	3,452.90	265.10	2,047.50	-17.100	-7,230.65	160.56	9,645.98	8,925.86	720.12	13.395			
23,150.00	10,973.00	3,075.00	3,452.90	266.11	2,047.50	-17.100	-7,230.65	160.56	9,674.99	8,954.40	720.60	13.426			
23,200.00	10,973.00	3,075.00	3,452.90	267.11	2,047.50	-17.100	-7,230.65	160.56	9,704.18	8,983.10	721.08	13.458			
23,250.00	10,973.00	3,075.00	3,452.90	268.12	2,047.50	-17.100	-7,230.65	160.56	9,733.53	9,011.97	721.56	13.490			
23,300.00	10,973.00	3,075.00	3,452.90	269.12	2,047.50	-17.100	-7,230.65	160.56	9,763.05	9,041.01	722.04	13.522			
23,350.00	10,973.00	3,075.00	3,452.90	270.13	2,047.50	-17.100	-7,230.65	160.56	9,792.74	9,070.22	722.51	13.554			
23,400.00	10,973.00	3,075.00	3,452.90	271.13	2,047.50	-17.100	-7,230.65	160.56	9,822.59	9,099.59	722.99	13.586			
23,448.12	10,973.00	3,075.00	3,452.90	272.10	2,047.50	-17.100	-7,230.65	160.56	9,851.47	9,128.02	723.45	13.617			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft	
MOHEE FED 0297-17-29 - OFFSET: CALDWELL #1-20 - Wellbore #1 - Wellbore #1												<b>Offset Well Error:</b>	0.00 usft	
Survey Program: 300-BLIND														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design														Offset Site Error:
Survey Program: 300-BLIND														Offset Well Error:
MOHEE FED 0297-17-29 - OFFSET: COLOROW DEEP UNIT-GOV #2 - Wellbore #1 - Wellbore #1														0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
450.00	450.00	311.10	450.00	1.38	112.77	-136.038	-1,525.25	-1,470.95	2,118.98	2,004.83	114.15	18.562		
500.00	500.00	361.10	500.00	1.56	147.77	-136.038	-1,525.25	-1,470.95	2,118.98	1,969.65	149.33	14.190		
550.00	550.00	411.10	550.00	1.74	182.77	-136.038	-1,525.25	-1,470.95	2,118.98	1,934.47	184.51	11.484		
600.00	600.00	461.10	600.00	1.92	217.77	-136.038	-1,525.25	-1,470.95	2,118.98	1,899.29	219.69	9.645		
650.00	650.00	511.10	650.00	2.10	252.77	-136.038	-1,525.25	-1,470.95	2,118.98	1,864.11	254.87	8.314		
700.00	700.00	561.10	700.00	2.28	287.77	-136.038	-1,525.25	-1,470.95	2,118.98	1,828.93	290.05	7.306		
750.00	750.00	611.10	750.00	2.46	322.77	-136.038	-1,525.25	-1,470.95	2,118.98	1,793.75	325.23	6.515		
800.00	800.00	661.10	800.00	2.64	357.77	-136.038	-1,525.25	-1,470.95	2,118.98	1,758.57	360.41	5.879		
850.00	850.00	711.10	850.00	2.82	392.77	-136.038	-1,525.25	-1,470.95	2,118.98	1,723.39	395.59	5.357		
900.00	900.00	761.10	900.00	3.00	427.77	-136.038	-1,525.25	-1,470.95	2,118.98	1,688.21	430.77	4.919		
950.00	950.00	811.10	950.00	3.18	462.77	-136.038	-1,525.25	-1,470.95	2,118.98	1,653.03	465.95	4.548		
1,000.00	1,000.00	861.10	1,000.00	3.36	497.77	-136.038	-1,525.25	-1,470.95	2,118.98	1,617.85	501.13	4.228		
1,050.00	1,050.00	911.10	1,050.00	3.53	532.77	-28.200	-1,525.25	-1,470.95	2,118.69	1,582.43	536.26	3.951		
1,100.00	1,099.99	961.09	1,099.99	3.70	567.76	-28.219	-1,525.25	-1,470.95	2,117.83	1,546.51	571.32	3.707		
1,150.00	1,149.96	1,011.06	1,149.96	3.87	602.74	-28.250	-1,525.25	-1,470.95	2,116.39	1,510.13	606.26	3.491		
1,200.00	1,199.91	1,061.01	1,199.91	4.04	637.71	-28.294	-1,525.25	-1,470.95	2,114.37	1,473.29	641.08	3.298		
1,250.00	1,249.82	1,110.92	1,249.82	4.22	672.65	-28.350	-1,525.25	-1,470.95	2,111.78	1,436.03	675.75	3.125		
1,300.00	1,299.69	1,160.79	1,299.69	4.39	707.55	-28.419	-1,525.25	-1,470.95	2,108.61	1,398.35	710.26	2.969		
1,350.00	1,349.51	1,210.61	1,349.51	4.57	742.43	-28.501	-1,525.25	-1,470.95	2,104.87	1,360.28	744.59	2.827		
1,400.00	1,399.27	1,260.37	1,399.27	4.75	777.26	-28.596	-1,525.25	-1,470.95	2,100.56	1,321.84	778.72	2.697		
1,450.00	1,448.96	1,310.06	1,448.96	4.93	812.04	-28.703	-1,525.25	-1,470.95	2,095.68	1,283.05	812.64	2.579		
1,500.00	1,498.57	1,359.67	1,498.57	5.12	846.77	-28.824	-1,525.25	-1,470.95	2,090.24	1,243.92	846.32	2.470		
1,550.00	1,548.10	1,409.20	1,548.10	5.31	881.44	-28.959	-1,525.25	-1,470.95	2,084.23	1,204.48	879.75	2.369		
1,600.00	1,597.54	1,458.64	1,597.54	5.50	916.04	-29.107	-1,525.25	-1,470.95	2,077.65	1,164.75	912.91	2.276		
1,650.00	1,646.87	1,507.97	1,646.87	5.71	950.58	-29.269	-1,525.25	-1,470.95	2,070.52	1,124.73	945.79	2.189		
1,700.00	1,696.09	1,557.19	1,696.09	5.91	985.03	-29.446	-1,525.25	-1,470.95	2,062.83	1,084.46	978.37	2.108		
1,750.00	1,745.19	1,606.29	1,745.19	6.13	1,019.40	-29.636	-1,525.25	-1,470.95	2,054.59	1,043.94	1,010.65	2.033		
1,776.96	1,771.62	1,632.72	1,771.62	6.24	1,037.90	-29.745	-1,525.25	-1,470.95	2,049.91	1,021.99	1,027.92	1.994		
1,800.00	1,794.18	1,655.28	1,794.18	6.35	1,053.69	-29.810	-1,525.25	-1,470.95	2,045.85	1,002.28	1,043.58	1.960		
1,850.00	1,843.15	1,704.25	1,843.15	6.57	1,087.97	-29.950	-1,525.25	-1,470.95	2,037.05	959.49	1,077.56	1.890		
1,900.00	1,892.12	1,753.22	1,892.12	6.80	1,122.25	-30.092	-1,525.25	-1,470.95	2,028.26	916.71	1,111.55	1.825		
1,950.00	1,941.09	1,802.19	1,941.09	7.03	1,156.53	-30.235	-1,525.25	-1,470.95	2,019.48	873.94	1,145.55	1.763		
2,000.00	1,990.06	1,851.16	1,990.06	7.26	1,190.81	-30.379	-1,525.25	-1,470.95	2,010.72	831.17	1,179.55	1.705		
2,050.00	2,039.02	1,900.12	2,039.02	7.50	1,225.09	-30.524	-1,525.25	-1,470.95	2,001.96	788.41	1,213.55	1.650		
2,100.00	2,087.99	1,949.09	2,087.99	7.74	1,259.37	-30.671	-1,525.25	-1,470.95	1,993.22	745.66	1,247.56	1.598		
2,150.00	2,136.96	1,998.06	2,136.96	7.98	1,293.64	-30.819	-1,525.25	-1,470.95	1,984.50	702.92	1,281.58	1.548		
2,200.00	2,185.93	2,047.03	2,185.93	8.22	1,327.92	-30.968	-1,525.25	-1,470.95	1,975.78	660.18	1,315.60	1.502		
2,250.00	2,234.90	2,096.00	2,234.90	8.47	1,362.20	-31.119	-1,525.25	-1,470.95	1,967.08	617.45	1,349.63	1.457	Level 3	
2,300.00	2,283.87	2,144.97	2,283.87	8.71	1,396.48	-31.271	-1,525.25	-1,470.95	1,958.39	574.73	1,383.66	1.415	Level 3	
2,350.00	2,332.84	2,193.94	2,332.84	8.96	1,430.76	-31.424	-1,525.25	-1,470.95	1,949.72	532.02	1,417.70	1.375	Level 3	
2,400.00	2,381.81	2,242.91	2,381.81	9.21	1,465.04	-31.578	-1,525.25	-1,470.95	1,941.06	489.32	1,451.74	1.337	Level 3	
2,450.00	2,430.78	2,291.88	2,430.78	9.46	1,499.31	-31.734	-1,525.25	-1,470.95	1,932.41	446.63	1,485.79	1.301	Level 3	
2,500.00	2,479.75	2,340.85	2,479.75	9.71	1,533.59	-31.892	-1,525.25	-1,470.95	1,923.78	403.94	1,519.84	1.266	Level 3	
2,550.00	2,528.72	2,389.82	2,528.72	9.96	1,567.87	-32.050	-1,525.25	-1,470.95	1,915.16	361.26	1,553.90	1.232	Level 2	
2,600.00	2,577.69	2,438.79	2,577.69	10.22	1,602.15	-32.210	-1,525.25	-1,470.95	1,906.56	318.60	1,587.96	1.201	Level 2	
2,650.00	2,626.65	2,487.75	2,626.65	10.47	1,636.43	-32.372	-1,525.25	-1,470.95	1,897.97	275.94	1,622.03	1.170	Level 2	
2,700.00	2,675.62	2,536.72	2,675.62	10.73	1,670.71	-32.535	-1,525.25	-1,470.95	1,889.40	233.29	1,656.11	1.141	Level 2	
2,750.00	2,724.59	2,585.69	2,724.59	10.98	1,704.99	-32.700	-1,525.25	-1,470.95	1,880.84	190.65	1,690.19	1.113	Level 2	
2,800.00	2,773.56	2,634.66	2,773.56	11.24	1,739.26	-32.866	-1,525.25	-1,470.95	1,872.30	148.02	1,724.27	1.086	Level 2	
2,850.00	2,822.53	2,683.63	2,822.53	11.50	1,773.54	-33.033	-1,525.25	-1,470.95	1,863.77	105.40	1,758.36	1.060	Level 2	
2,900.00	2,871.50	2,732.60	2,871.50	11.76	1,807.82	-33.202	-1,525.25	-1,470.95	1,855.26	62.80	1,792.46	1.035	Level 2	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: COLOROW DEEP UNIT-GOV #2 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
2,950.00	2,920.47	2,781.57	2,920.47	12.02	1,842.10	-33.373	-1,525.25	-1,470.95	1,846.76	20.20	1,826.56	1.011	Level 2		
3,000.00	2,969.44	2,830.54	2,969.44	12.28	1,876.38	-33.545	-1,525.25	-1,470.95	1,838.28	-22.39	1,860.67	0.988	Level 1		
3,050.00	3,018.41	2,879.51	3,018.41	12.54	1,910.66	-33.718	-1,525.25	-1,470.95	1,829.82	-64.97	1,894.79	0.866	Level 1		
3,100.00	3,067.38	2,928.48	3,067.38	12.80	1,944.93	-33.894	-1,525.25	-1,470.95	1,821.37	-107.54	1,928.91	0.944	Level 1		
3,150.00	3,116.35	2,977.45	3,116.35	13.06	1,979.21	-34.070	-1,525.25	-1,470.95	1,812.94	-150.09	1,963.04	0.924	Level 1		
3,200.00	3,165.32	3,026.42	3,165.32	13.32	2,013.49	-34.249	-1,525.25	-1,470.95	1,804.53	-192.64	1,997.17	0.904	Level 1		
3,250.00	3,214.28	3,075.38	3,214.28	13.58	2,047.77	-34.429	-1,525.25	-1,470.95	1,796.14	-235.18	2,031.31	0.884	Level 1		
3,300.00	3,263.25	3,124.35	3,263.25	13.84	2,082.05	-34.611	-1,525.25	-1,470.95	1,787.76	-277.70	2,065.46	0.866	Level 1		
3,350.00	3,312.22	3,173.32	3,312.22	14.11	2,116.33	-34.794	-1,525.25	-1,470.95	1,779.40	-320.21	2,099.61	0.847	Level 1		
3,400.00	3,361.19	3,222.29	3,361.19	14.37	2,150.60	-34.980	-1,525.25	-1,470.95	1,771.06	-362.71	2,133.77	0.830	Level 1		
3,450.00	3,410.16	3,271.26	3,410.16	14.63	2,184.88	-35.167	-1,525.25	-1,470.95	1,762.74	-405.20	2,167.94	0.813	Level 1		
3,500.00	3,459.13	3,320.23	3,459.13	14.90	2,219.16	-35.355	-1,525.25	-1,470.95	1,754.43	-447.68	2,202.11	0.797	Level 1		
3,550.00	3,508.10	3,369.20	3,508.10	15.16	2,253.44	-35.546	-1,525.25	-1,470.95	1,746.15	-490.14	2,236.29	0.781	Level 1		
3,600.00	3,557.07	3,418.17	3,557.07	15.43	2,287.72	-35.738	-1,525.25	-1,470.95	1,737.88	-532.59	2,270.48	0.765	Level 1		
3,650.00	3,606.04	3,467.14	3,606.04	15.69	2,322.00	-35.932	-1,525.25	-1,470.95	1,729.63	-575.03	2,304.67	0.750	Level 1		
3,700.00	3,655.01	3,516.11	3,655.01	15.96	2,356.28	-36.128	-1,525.25	-1,470.95	1,721.41	-617.46	2,338.87	0.736	Level 1		
3,750.00	3,703.98	3,565.08	3,703.98	16.22	2,390.55	-36.326	-1,525.25	-1,470.95	1,713.20	-659.88	2,373.08	0.722	Level 1		
3,800.00	3,752.95	3,614.05	3,752.95	16.49	2,424.83	-36.525	-1,525.25	-1,470.95	1,705.02	-702.28	2,407.29	0.708	Level 1		
3,850.00	3,801.92	3,663.02	3,801.92	16.75	2,459.11	-36.727	-1,525.25	-1,470.95	1,696.85	-744.67	2,441.52	0.695	Level 1		
3,900.00	3,850.88	3,711.98	3,850.88	17.02	2,493.39	-36.930	-1,525.25	-1,470.95	1,688.71	-787.04	2,475.75	0.682	Level 1		
3,950.00	3,899.85	3,760.95	3,899.85	17.29	2,527.67	-37.135	-1,525.25	-1,470.95	1,680.58	-829.40	2,509.99	0.670	Level 1		
4,000.00	3,948.82	3,809.92	3,948.82	17.55	2,561.95	-37.343	-1,525.25	-1,470.95	1,672.48	-871.75	2,544.23	0.657	Level 1		
4,050.00	3,997.79	3,858.89	3,997.79	17.82	2,596.22	-37.552	-1,525.25	-1,470.95	1,664.40	-914.09	2,578.49	0.645	Level 1		
4,100.00	4,046.76	3,907.86	4,046.76	18.08	2,630.50	-37.763	-1,525.25	-1,470.95	1,656.34	-956.41	2,612.75	0.634	Level 1		
4,150.00	4,095.73	3,956.83	4,095.73	18.35	2,664.78	-37.977	-1,525.25	-1,470.95	1,648.31	-998.71	2,647.02	0.623	Level 1		
4,200.00	4,144.70	4,005.80	4,144.70	18.62	2,699.06	-38.192	-1,525.25	-1,470.95	1,640.29	-1,041.00	2,681.30	0.612	Level 1		
4,250.00	4,193.67	4,054.77	4,193.67	18.89	2,733.34	-38.410	-1,525.25	-1,470.95	1,632.30	-1,083.28	2,715.58	0.601	Level 1		
4,300.00	4,242.64	4,103.74	4,242.64	19.15	2,767.62	-38.629	-1,525.25	-1,470.95	1,624.34	-1,125.54	2,749.88	0.591	Level 1		
4,350.00	4,291.61	4,152.71	4,291.61	19.42	2,801.89	-38.851	-1,525.25	-1,470.95	1,616.40	-1,167.79	2,784.18	0.581	Level 1		
4,400.00	4,340.58	4,201.68	4,340.58	19.69	2,836.17	-39.075	-1,525.25	-1,470.95	1,608.48	-1,210.02	2,818.50	0.571	Level 1		
4,450.00	4,389.55	4,250.65	4,389.55	19.96	2,870.45	-39.301	-1,525.25	-1,470.95	1,600.59	-1,252.23	2,852.82	0.561	Level 1		
4,500.00	4,438.51	4,299.61	4,438.51	20.22	2,904.73	-39.529	-1,525.25	-1,470.95	1,592.72	-1,294.43	2,887.15	0.552	Level 1		
4,550.00	4,487.48	4,348.58	4,487.48	20.49	2,939.01	-39.759	-1,525.25	-1,470.95	1,584.87	-1,336.61	2,921.49	0.542	Level 1		
4,600.00	4,536.45	4,397.55	4,536.45	20.76	2,973.29	-39.992	-1,525.25	-1,470.95	1,577.06	-1,378.78	2,955.83	0.534	Level 1		
4,650.00	4,585.42	4,446.52	4,585.42	21.03	3,007.57	-40.227	-1,525.25	-1,470.95	1,569.27	-1,420.93	2,990.19	0.525	Level 1		
4,700.00	4,634.39	4,495.49	4,634.39	21.30	3,041.84	-40.464	-1,525.25	-1,470.95	1,561.50	-1,463.06	3,024.56	0.516	Level 1		
4,750.00	4,683.36	4,544.46	4,683.36	21.57	3,076.12	-40.704	-1,525.25	-1,470.95	1,553.76	-1,505.17	3,058.94	0.508	Level 1		
4,800.00	4,732.33	4,593.43	4,732.33	21.83	3,110.40	-40.946	-1,525.25	-1,470.95	1,546.05	-1,547.27	3,093.32	0.500	Level 1		
4,850.00	4,781.30	4,642.40	4,781.30	22.10	3,144.68	-41.190	-1,525.25	-1,470.95	1,538.37	-1,589.35	3,127.72	0.492	Level 1		
4,900.00	4,830.27	4,691.37	4,830.27	22.37	3,178.96	-41.437	-1,525.25	-1,470.95	1,530.72	-1,631.41	3,162.13	0.484	Level 1		
4,950.00	4,879.24	4,740.34	4,879.24	22.64	3,213.24	-41.686	-1,525.25	-1,470.95	1,523.09	-1,673.45	3,196.54	0.476	Level 1		
5,000.00	4,928.21	4,789.31	4,928.21	22.91	3,247.51	-41.938	-1,525.25	-1,470.95	1,515.49	-1,715.48	3,230.97	0.469	Level 1		
5,050.00	4,977.18	4,838.28	4,977.18	23.18	3,281.79	-42.192	-1,525.25	-1,470.95	1,507.92	-1,757.48	3,265.41	0.462	Level 1		
5,100.00	5,026.14	4,887.24	5,026.14	23.45	3,316.07	-42.449	-1,525.25	-1,470.95	1,500.38	-1,799.47	3,299.85	0.455	Level 1		
5,150.00	5,075.11	4,936.21	5,075.11	23.72	3,350.35	-42.708	-1,525.25	-1,470.95	1,492.88	-1,841.43	3,334.31	0.448	Level 1		
5,200.00	5,124.08	4,985.18	5,124.08	23.98	3,384.63	-42.970	-1,525.25	-1,470.95	1,485.40	-1,883.38	3,368.78	0.441	Level 1		
5,250.00	5,173.05	5,034.15	5,173.05	24.25	3,418.91	-43.234	-1,525.25	-1,470.95	1,477.95	-1,925.31	3,403.26	0.434	Level 1		
5,300.00	5,222.02	5,083.12	5,222.02	24.52	3,453.19	-43.501	-1,525.25	-1,470.95	1,470.54	-1,967.21	3,437.75	0.428	Level 1		
5,350.00	5,270.99	5,132.09	5,270.99	24.79	3,487.46	-43.770	-1,525.25	-1,470.95	1,463.16	-2,009.09	3,472.25	0.421	Level 1		
5,400.00	5,319.96	5,181.06	5,319.96	25.06	3,521.74	-44.043	-1,525.25	-1,470.95	1,455.81	-2,050.96	3,506.76	0.415	Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

**Offset Design** MOHEE FED 0297-17-29 - OFFSET: COLOROW DEEP UNIT-GOV #2 - Wellbore #1 - Wellbore #1 **Offset Site Error:** 0.00 usft  
**Survey Program:** 300-BLIND **Offset Well Error:** 0.00 usft

Measured Depth (usft)	Vertical Depth (usft)	Offset		Semi Major Axis			Offset Wellbore Centre		Distance				Warning
		Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,450.00	5,368.93	5,230.03	5,368.93	25.33	3,556.02	-44.318	-1,525.25	-1,470.95	1,448.49	-2,092.80	3,541.29	0.409	Level 1
5,500.00	5,417.90	5,279.00	5,417.90	25.60	3,590.30	-44.595	-1,525.25	-1,470.95	1,441.21	-2,134.61	3,575.82	0.403	Level 1
5,550.00	5,466.87	5,327.97	5,466.87	25.87	3,624.58	-44.876	-1,525.25	-1,470.95	1,433.96	-2,176.41	3,610.37	0.397	Level 1
5,600.00	5,515.84	5,376.94	5,515.84	26.14	3,658.86	-45.159	-1,525.25	-1,470.95	1,426.75	-2,218.18	3,644.93	0.391	Level 1
5,650.00	5,564.81	5,425.91	5,564.81	26.41	3,693.13	-45.445	-1,525.25	-1,470.95	1,419.57	-2,259.93	3,679.50	0.386	Level 1
5,700.00	5,613.78	5,474.88	5,613.78	26.68	3,727.41	-45.734	-1,525.25	-1,470.95	1,412.42	-2,301.66	3,714.08	0.380	Level 1
5,750.00	5,662.74	5,523.84	5,662.74	26.95	3,761.69	-46.026	-1,525.25	-1,470.95	1,405.32	-2,343.36	3,748.67	0.375	Level 1
5,800.00	5,711.71	5,572.81	5,711.71	27.22	3,795.97	-46.320	-1,525.25	-1,470.95	1,398.25	-2,385.03	3,783.28	0.370	Level 1
5,850.00	5,760.68	5,621.78	5,760.68	27.49	3,830.25	-46.618	-1,525.25	-1,470.95	1,391.22	-2,426.68	3,817.90	0.364	Level 1
5,900.00	5,809.65	5,670.75	5,809.65	27.76	3,864.53	-46.919	-1,525.25	-1,470.95	1,384.22	-2,468.31	3,852.53	0.359	Level 1
5,950.00	5,858.62	5,719.72	5,858.62	28.03	3,898.80	-47.222	-1,525.25	-1,470.95	1,377.26	-2,509.91	3,887.17	0.354	Level 1
6,000.00	5,907.59	5,768.69	5,907.59	28.30	3,933.08	-47.529	-1,525.25	-1,470.95	1,370.35	-2,551.48	3,921.83	0.349	Level 1
6,050.00	5,956.56	5,817.66	5,956.56	28.57	3,967.36	-47.838	-1,525.25	-1,470.95	1,363.47	-2,593.02	3,956.49	0.345	Level 1
6,100.00	6,005.53	5,866.63	6,005.53	28.84	4,001.64	-48.151	-1,525.25	-1,470.95	1,356.63	-2,634.54	3,991.17	0.340	Level 1
6,150.00	6,054.50	5,915.60	6,054.50	29.11	4,035.92	-48.466	-1,525.25	-1,470.95	1,349.84	-2,676.03	4,025.87	0.335	Level 1
6,200.00	6,103.47	5,964.57	6,103.47	29.38	4,070.20	-48.785	-1,525.25	-1,470.95	1,343.08	-2,717.49	4,060.57	0.331	Level 1
6,250.00	6,152.44	6,013.54	6,152.44	29.65	4,104.48	-49.107	-1,525.25	-1,470.95	1,336.37	-2,758.92	4,095.29	0.326	Level 1
6,300.00	6,201.41	6,062.51	6,201.41	29.92	4,138.75	-49.432	-1,525.25	-1,470.95	1,329.70	-2,800.32	4,130.02	0.322	Level 1
6,350.00	6,250.37	6,111.47	6,250.37	30.19	4,173.03	-49.760	-1,525.25	-1,470.95	1,323.08	-2,841.69	4,164.77	0.318	Level 1
6,400.00	6,299.34	6,160.44	6,299.34	30.46	4,207.31	-50.092	-1,525.25	-1,470.95	1,316.50	-2,883.03	4,199.52	0.313	Level 1
6,450.00	6,348.31	6,209.41	6,348.31	30.73	4,241.59	-50.427	-1,525.25	-1,470.95	1,309.96	-2,924.33	4,234.29	0.309	Level 1
6,500.00	6,397.28	6,258.38	6,397.28	31.00	4,275.87	-50.765	-1,525.25	-1,470.95	1,303.47	-2,965.61	4,269.07	0.305	Level 1
6,550.00	6,446.25	6,307.35	6,446.25	31.28	4,310.15	-51.106	-1,525.25	-1,470.95	1,297.02	-3,006.85	4,303.87	0.301	Level 1
6,600.00	6,495.22	6,356.32	6,495.22	31.55	4,344.42	-51.451	-1,525.25	-1,470.95	1,290.62	-3,048.06	4,338.68	0.297	Level 1
6,650.00	6,544.19	6,405.29	6,544.19	31.82	4,378.70	-51.799	-1,525.25	-1,470.95	1,284.27	-3,089.23	4,373.50	0.294	Level 1
6,700.00	6,593.16	6,454.26	6,593.16	32.09	4,412.98	-52.150	-1,525.25	-1,470.95	1,277.97	-3,130.37	4,408.34	0.290	Level 1
6,750.00	6,642.13	6,503.23	6,642.13	32.36	4,447.26	-52.505	-1,525.25	-1,470.95	1,271.72	-3,171.47	4,443.18	0.286	Level 1
6,800.00	6,691.10	6,552.20	6,691.10	32.63	4,481.54	-52.863	-1,525.25	-1,470.95	1,265.51	-3,212.53	4,478.05	0.283	Level 1
6,850.00	6,740.07	6,601.17	6,740.07	32.90	4,515.82	-53.224	-1,525.25	-1,470.95	1,259.36	-3,253.56	4,512.92	0.279	Level 1
6,900.00	6,789.04	6,650.14	6,789.04	33.17	4,550.10	-53.589	-1,525.25	-1,470.95	1,253.26	-3,294.55	4,547.81	0.276	Level 1
6,950.00	6,838.01	6,699.11	6,838.01	33.44	4,584.37	-53.958	-1,525.25	-1,470.95	1,247.21	-3,335.50	4,582.71	0.272	Level 1
7,000.00	6,886.97	6,748.07	6,886.97	33.71	4,618.65	-54.329	-1,525.25	-1,470.95	1,241.21	-3,376.41	4,617.62	0.269	Level 1
7,050.00	6,935.94	6,797.04	6,935.94	33.98	4,652.93	-54.705	-1,525.25	-1,470.95	1,235.27	-3,417.28	4,652.54	0.266	Level 1
7,100.00	6,984.91	6,846.01	6,984.91	34.25	4,687.21	-55.084	-1,525.25	-1,470.95	1,229.38	-3,458.10	4,687.48	0.262	Level 1
7,150.00	7,033.88	6,894.98	7,033.88	34.52	4,721.49	-55.466	-1,525.25	-1,470.95	1,223.54	-3,498.89	4,722.43	0.259	Level 1
7,200.00	7,082.85	6,943.95	7,082.85	34.79	4,755.77	-55.852	-1,525.25	-1,470.95	1,217.77	-3,539.63	4,757.39	0.256	Level 1
7,250.00	7,131.82	6,992.92	7,131.82	35.07	4,790.04	-56.242	-1,525.25	-1,470.95	1,212.04	-3,580.32	4,792.37	0.253	Level 1
7,300.00	7,180.79	7,041.89	7,180.79	35.34	4,824.32	-56.635	-1,525.25	-1,470.95	1,206.38	-3,620.98	4,827.35	0.250	Level 1
7,350.00	7,229.76	7,090.86	7,229.76	35.61	4,858.60	-57.031	-1,525.25	-1,470.95	1,200.77	-3,661.58	4,862.35	0.247	Level 1
7,400.00	7,278.73	7,139.83	7,278.73	35.88	4,892.88	-57.432	-1,525.25	-1,470.95	1,195.22	-3,702.14	4,897.36	0.244	Level 1
7,450.00	7,327.70	7,188.80	7,327.70	36.15	4,927.16	-57.836	-1,525.25	-1,470.95	1,189.74	-3,742.65	4,932.39	0.241	Level 1
7,500.00	7,376.67	7,237.77	7,376.67	36.42	4,961.44	-58.243	-1,525.25	-1,470.95	1,184.31	-3,783.11	4,967.42	0.238	Level 1
7,550.00	7,425.64	7,286.74	7,425.64	36.69	4,995.71	-58.654	-1,525.25	-1,470.95	1,178.94	-3,823.52	5,002.46	0.236	Level 1
7,600.00	7,474.60	7,335.70	7,474.60	36.96	5,029.99	-59.069	-1,525.25	-1,470.95	1,173.64	-3,863.88	5,037.52	0.233	Level 1
7,650.00	7,523.57	7,384.67	7,523.57	37.23	5,064.27	-59.487	-1,525.25	-1,470.95	1,168.40	-3,904.18	5,072.58	0.230	Level 1
7,700.00	7,572.54	7,433.64	7,572.54	37.51	5,098.55	-59.909	-1,525.25	-1,470.95	1,163.23	-3,944.43	5,107.66	0.228	Level 1
7,750.00	7,621.51	7,482.61	7,621.51	37.78	5,132.83	-60.335	-1,525.25	-1,470.95	1,158.12	-3,984.63	5,142.74	0.225	Level 1
7,800.00	7,670.48	7,531.58	7,670.48	38.05	5,167.11	-60.764	-1,525.25	-1,470.95	1,153.07	-4,024.77	5,177.84	0.223	Level 1
7,850.00	7,719.45	7,580.55	7,719.45	38.32	5,201.39	-61.197	-1,525.25	-1,470.95	1,148.09	-4,064.85	5,212.94	0.220	Level 1
7,900.00	7,768.42	7,629.52	7,768.42	38.59	5,235.66	-61.634	-1,525.25	-1,470.95	1,143.18	-4,104.87	5,248.06	0.218	Level 1
7,950.00	7,817.39	7,678.49	7,817.39	38.86	5,269.94	-62.074	-1,525.25	-1,470.95	1,138.34	-4,144.84	5,283.18	0.215	Level 1

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: COLOROW DEEP UNIT-GOV #2 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
8,000.00	7,866.36	7,727.46	7,866.36	39.13	5,304.22	-62.518	-1,525.25	-1,470.95	1,133.57	-4,184.74	5,318.31	0.213	Level 1		
8,050.00	7,915.33	7,776.43	7,915.33	39.40	5,338.50	-62.965	-1,525.25	-1,470.95	1,128.87	-4,224.58	5,353.45	0.211	Level 1		
8,100.00	7,964.30	7,825.40	7,964.30	39.68	5,372.78	-63.416	-1,525.25	-1,470.95	1,124.23	-4,264.36	5,388.59	0.209	Level 1		
8,150.00	8,013.27	7,874.37	8,013.27	39.95	5,407.06	-63.871	-1,525.25	-1,470.95	1,119.67	-4,304.07	5,423.74	0.206	Level 1		
8,200.00	8,062.23	7,923.33	8,062.23	40.22	5,441.33	-64.329	-1,525.25	-1,470.95	1,115.19	-4,343.71	5,458.90	0.204	Level 1		
8,250.00	8,111.20	7,972.30	8,111.20	40.49	5,475.61	-64.790	-1,525.25	-1,470.95	1,110.77	-4,383.29	5,494.06	0.202	Level 1		
8,300.00	8,160.17	8,021.27	8,160.17	40.76	5,509.89	-65.256	-1,525.25	-1,470.95	1,106.44	-4,422.80	5,529.23	0.200	Level 1		
8,350.00	8,209.14	8,070.24	8,209.14	41.03	5,544.17	-65.724	-1,525.25	-1,470.95	1,102.17	-4,462.23	5,564.41	0.198	Level 1		
8,400.00	8,258.11	8,119.21	8,258.11	41.30	5,578.45	-66.197	-1,525.25	-1,470.95	1,097.99	-4,501.60	5,599.58	0.196	Level 1		
8,450.00	8,307.08	8,168.18	8,307.08	41.57	5,612.73	-66.672	-1,525.25	-1,470.95	1,093.88	-4,540.89	5,634.76	0.194	Level 1		
8,500.00	8,356.05	8,217.15	8,356.05	41.85	5,647.00	-67.151	-1,525.25	-1,470.95	1,089.85	-4,580.10	5,669.95	0.192	Level 1		
8,550.00	8,405.02	8,266.12	8,405.02	42.12	5,681.28	-67.634	-1,525.25	-1,470.95	1,085.89	-4,619.24	5,705.13	0.190	Level 1		
8,600.00	8,453.99	8,315.09	8,453.99	42.39	5,715.56	-68.120	-1,525.25	-1,470.95	1,082.02	-4,658.30	5,740.32	0.188	Level 1		
8,650.00	8,502.96	8,364.06	8,502.96	42.66	5,749.84	-68.609	-1,525.25	-1,470.95	1,078.23	-4,697.28	5,775.51	0.187	Level 1		
8,700.00	8,551.93	8,413.03	8,551.93	42.93	5,784.12	-69.101	-1,525.25	-1,470.95	1,074.52	-4,736.18	5,810.70	0.185	Level 1		
8,750.00	8,600.90	8,462.00	8,600.90	43.20	5,818.40	-69.597	-1,525.25	-1,470.95	1,070.89	-4,774.99	5,845.89	0.183	Level 1		
8,800.00	8,649.87	8,510.97	8,649.87	43.47	5,852.68	-70.096	-1,525.25	-1,470.95	1,067.35	-4,813.72	5,881.07	0.181	Level 1		
8,850.00	8,698.83	8,559.93	8,698.83	43.75	5,886.95	-70.598	-1,525.25	-1,470.95	1,063.89	-4,852.37	5,916.26	0.180	Level 1		
8,900.00	8,747.80	8,608.90	8,747.80	44.02	5,921.23	-71.103	-1,525.25	-1,470.95	1,060.51	-4,890.93	5,951.44	0.178	Level 1		
8,950.00	8,796.77	8,657.87	8,796.77	44.29	5,955.51	-71.612	-1,525.25	-1,470.95	1,057.22	-4,929.39	5,986.62	0.177	Level 1		
9,000.00	8,845.74	8,706.84	8,845.74	44.56	5,989.79	-72.123	-1,525.25	-1,470.95	1,054.02	-4,967.77	6,021.79	0.175	Level 1		
9,050.00	8,894.71	8,755.81	8,894.71	44.83	6,024.07	-72.637	-1,525.25	-1,470.95	1,050.91	-5,006.06	6,056.96	0.174	Level 1		
9,100.00	8,943.68	8,804.78	8,943.68	45.10	6,058.35	-73.154	-1,525.25	-1,470.95	1,047.88	-5,044.25	6,092.12	0.172	Level 1		
9,150.00	8,992.65	8,853.75	8,992.65	45.38	6,092.62	-73.674	-1,525.25	-1,470.95	1,044.94	-5,082.34	6,127.28	0.171	Level 1		
9,200.00	9,041.62	8,902.72	9,041.62	45.65	6,126.90	-74.197	-1,525.25	-1,470.95	1,042.09	-5,120.34	6,162.43	0.169	Level 1		
9,250.00	9,090.59	8,951.69	9,090.59	45.92	6,161.18	-74.723	-1,525.25	-1,470.95	1,039.33	-5,158.24	6,197.57	0.168	Level 1		
9,300.00	9,139.56	9,000.66	9,139.56	46.19	6,195.46	-75.251	-1,525.25	-1,470.95	1,036.66	-5,196.03	6,232.70	0.166	Level 1		
9,350.00	9,188.53	9,049.63	9,188.53	46.46	6,229.74	-75.781	-1,525.25	-1,470.95	1,034.09	-5,233.73	6,267.82	0.165	Level 1		
9,400.00	9,237.50	9,098.60	9,237.50	46.73	6,264.02	-76.315	-1,525.25	-1,470.95	1,031.60	-5,271.32	6,302.93	0.164	Level 1		
9,450.00	9,286.46	9,147.56	9,286.46	47.01	6,298.30	-76.850	-1,525.25	-1,470.95	1,029.21	-5,308.81	6,338.02	0.162	Level 1		
9,500.00	9,335.43	9,196.53	9,335.43	47.28	6,332.57	-77.388	-1,525.25	-1,470.95	1,026.92	-5,346.19	6,373.11	0.161	Level 1		
9,550.00	9,384.40	9,245.50	9,384.40	47.55	6,366.85	-77.929	-1,525.25	-1,470.95	1,024.71	-5,383.46	6,408.18	0.160	Level 1		
9,600.00	9,433.37	9,294.47	9,433.37	47.82	6,401.13	-78.471	-1,525.25	-1,470.95	1,022.61	-5,420.62	6,443.23	0.159	Level 1		
9,650.00	9,482.34	9,343.44	9,482.34	48.09	6,435.41	-79.016	-1,525.25	-1,470.95	1,020.60	-5,457.67	6,478.27	0.158	Level 1		
9,700.00	9,531.31	9,392.41	9,531.31	48.36	6,469.69	-79.562	-1,525.25	-1,470.95	1,018.68	-5,494.61	6,513.29	0.156	Level 1		
9,750.00	9,580.28	9,441.38	9,580.28	48.64	6,503.97	-80.111	-1,525.25	-1,470.95	1,016.86	-5,531.44	6,548.30	0.155	Level 1		
9,800.00	9,629.25	9,490.35	9,629.25	48.91	6,538.24	-80.661	-1,525.25	-1,470.95	1,015.14	-5,568.15	6,583.29	0.154	Level 1		
9,850.00	9,678.22	9,539.32	9,678.22	49.18	6,572.52	-81.213	-1,525.25	-1,470.95	1,013.52	-5,604.74	6,618.25	0.153	Level 1		
9,900.00	9,727.19	9,588.29	9,727.19	49.45	6,606.80	-81.767	-1,525.25	-1,470.95	1,011.99	-5,641.21	6,653.20	0.152	Level 1		
9,950.00	9,776.16	9,637.26	9,776.16	49.72	6,641.08	-82.322	-1,525.25	-1,470.95	1,010.56	-5,677.56	6,688.13	0.151	Level 1		
10,000.00	9,825.13	9,686.23	9,825.13	49.99	6,675.36	-82.879	-1,525.25	-1,470.95	1,009.24	-5,713.80	6,723.03	0.150	Level 1		
10,050.00	9,874.09	9,735.19	9,874.09	50.27	6,709.64	-83.437	-1,525.25	-1,470.95	1,008.01	-5,749.91	6,757.92	0.149	Level 1		
10,100.00	9,923.06	9,784.16	9,923.06	50.54	6,743.91	-83.996	-1,525.25	-1,470.95	1,006.88	-5,785.90	6,792.78	0.148	Level 1		
10,150.00	9,972.03	9,833.13	9,972.03	50.81	6,778.19	-84.557	-1,525.25	-1,470.95	1,005.85	-5,821.76	6,827.61	0.147	Level 1		
10,200.00	10,021.00	9,882.10	10,021.00	51.08	6,812.47	-85.118	-1,525.25	-1,470.95	1,004.92	-5,857.50	6,862.42	0.146	Level 1		
10,250.00	10,069.97	9,931.07	10,069.97	51.35	6,846.75	-85.681	-1,525.25	-1,470.95	1,004.10	-5,893.11	6,897.21	0.146	Level 1		
10,300.00	10,118.94	9,980.04	10,118.94	51.62	6,881.03	-86.244	-1,525.25	-1,470.95	1,003.37	-5,928.60	6,931.97	0.145	Level 1		
10,350.00	10,167.91	10,029.01	10,167.91	51.90	6,915.31	-86.808	-1,525.25	-1,470.95	1,002.75	-5,963.96	6,966.70	0.144	Level 1		
10,400.00	10,216.88	10,077.98	10,216.88	52.17	6,949.59	-87.373	-1,525.25	-1,470.95	1,002.22	-5,999.19	7,001.41	0.143	Level 1		
10,450.00	10,265.85	10,126.95	10,265.85	52.44	6,983.86	-87.938	-1,525.25	-1,470.95	1,001.80	-6,034.28	7,036.08	0.142	Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 300-BLIND													Offset Well Error:	0.00 usft
MOHEE FED 0297-17-29 - OFFSET: COLOROW DEEP UNIT-GOV #2 - Wellbore #1 - Wellbore #1														
Reference				Offset			Semi Major Axis			Distance				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,500.00	10,314.82	10,175.92	10,314.82	52.71	7,018.14	-88.504	-1,525.25	-1,470.95	1,001.48	-6,069.25	7,070.73	0.142	Level 1	
10,550.00	10,363.79	10,224.89	10,363.79	52.98	7,052.42	-89.070	-1,525.25	-1,470.95	1,001.26	-6,104.09	7,105.35	0.141	Level 1	
10,600.00	10,412.76	10,273.86	10,412.76	53.25	7,086.70	-89.636	-1,525.25	-1,470.95	1,001.15	-6,138.80	7,139.94	0.140	Level 1	
10,618.11	10,430.50	10,291.60	10,430.50	53.35	7,099.12	-89.841	-1,525.25	-1,470.95	1,001.13	-6,151.34	7,152.46	0.140	Level 1	
10,650.00	10,461.64	10,322.74	10,461.64	53.53	7,120.92	-78.359	-1,525.25	-1,470.95	1,000.36	-6,166.47	7,166.83	0.140	Level 1	
10,700.00	10,509.99	10,371.09	10,509.99	53.83	7,154.76	-66.007	-1,525.25	-1,470.95	996.20	-6,164.42	7,160.62	0.139	Level 1	
10,750.00	10,557.44	10,418.54	10,557.44	54.14	7,187.98	-58.622	-1,525.25	-1,470.95	988.48	-6,134.53	7,123.01	0.139	Level 1	
10,800.00	10,603.67	10,464.77	10,603.67	54.47	7,220.34	-54.351	-1,525.25	-1,470.95	977.34	-6,082.58	7,059.93	0.138	Level 1	
10,850.00	10,648.37	10,509.47	10,648.37	54.81	7,251.63	-52.098	-1,525.25	-1,470.95	962.94	-6,016.47	6,979.41	0.138	Level 1	
10,900.00	10,691.23	10,552.33	10,691.23	55.17	7,281.63	-51.265	-1,525.25	-1,470.95	945.46	-5,946.45	6,891.91	0.137	Level 1	
10,950.00	10,731.95	10,593.05	10,731.95	55.53	7,310.14	-51.521	-1,525.25	-1,470.95	925.12	-5,885.06	6,810.18	0.136	Level 1	
11,000.00	10,770.26	10,631.36	10,770.26	55.91	7,336.95	-52.682	-1,525.25	-1,470.95	902.20	-5,846.46	6,748.66	0.134	Level 1	
11,050.00	10,805.89	10,666.99	10,805.89	56.29	7,361.89	-54.636	-1,525.25	-1,470.95	876.98	-5,844.78	6,721.76	0.130	Level 1	
11,100.00	10,838.59	10,699.69	10,838.59	56.68	7,384.78	-57.306	-1,525.25	-1,470.95	849.80	-5,891.12	6,740.91	0.126	Level 1	
11,150.00	10,868.14	10,729.24	10,868.14	57.08	7,405.47	-60.616	-1,525.25	-1,470.95	821.01	-5,989.78	6,810.79	0.121	Level 1	
11,200.00	10,894.34	10,755.44	10,894.34	57.48	7,423.81	-64.470	-1,525.25	-1,470.95	791.01	-6,134.95	6,925.96	0.114	Level 1	
11,250.00	10,917.01	10,778.11	10,917.01	57.89	7,439.68	-68.730	-1,525.25	-1,470.95	760.23	-6,310.05	7,070.29	0.108	Level 1	
11,300.00	10,935.99	10,797.09	10,935.99	58.31	7,452.96	-73.217	-1,525.25	-1,470.95	729.14	-6,491.19	7,220.33	0.101	Level 1	
11,350.00	10,951.16	10,812.26	10,951.16	58.73	7,463.58	-77.718	-1,525.25	-1,470.95	698.23	-6,654.09	7,352.33	0.095	Level 1	
11,400.00	10,962.40	10,823.50	10,962.40	59.15	7,471.45	-82.007	-1,525.25	-1,470.95	668.01	-6,781.46	7,449.47	0.090	Level 1	
11,450.00	10,969.64	10,830.74	10,969.64	59.57	7,476.52	-85.882	-1,525.25	-1,470.95	639.01	-6,867.12	7,506.13	0.085	Level 1	
11,500.00	10,972.84	10,833.94	10,972.84	60.00	7,478.75	-89.182	-1,525.25	-1,470.95	611.76	-6,915.51	7,527.26	0.081	Level 1	
11,514.23	10,973.00	10,834.10	10,973.00	60.12	7,478.87	-90.000	-1,525.25	-1,470.95	604.39	-6,923.90	7,528.30	0.080	Level 1	
11,550.00	10,973.00	10,834.10	10,973.00	60.42	7,478.87	-90.000	-1,525.25	-1,470.95	586.73	-6,941.71	7,528.44	0.078	Level 1	
11,600.00	10,973.00	10,834.10	10,973.00	60.85	7,478.87	-90.000	-1,525.25	-1,470.95	564.24	-6,964.40	7,528.63	0.075	Level 1	
11,650.00	10,973.00	10,834.10	10,973.00	61.27	7,478.87	-90.000	-1,525.25	-1,470.95	544.59	-6,984.24	7,528.83	0.072	Level 1	
11,700.00	10,973.00	10,834.10	10,973.00	61.71	7,478.87	-90.000	-1,525.25	-1,470.95	528.12	-7,000.90	7,529.01	0.070	Level 1	
11,750.00	10,973.00	10,834.10	10,973.00	62.13	7,478.87	-90.000	-1,525.25	-1,470.95	515.13	-7,014.08	7,529.20	0.068	Level 1	
11,773.11	10,973.00	10,834.10	10,973.00	62.33	7,478.87	-90.000	-1,525.25	-1,470.95	510.38	-7,018.91	7,529.29	0.068	Level 1	
11,800.00	10,973.00	10,834.10	10,973.00	62.57	7,478.87	-90.000	-1,525.25	-1,470.95	506.02	-7,023.56	7,529.58	0.067	Level 1	
11,850.00	10,973.00	10,834.10	10,973.00	63.01	7,478.87	-90.000	-1,525.25	-1,470.95	501.66	-7,028.50	7,530.16	0.067	Level 1	
11,868.94	10,973.00	10,834.10	10,973.00	63.18	7,478.87	-90.000	-1,525.25	-1,470.95	501.30	-7,029.07	7,530.37	0.067	Level 1, CC, ES, SF	
11,900.00	10,973.00	10,834.10	10,973.00	63.46	7,478.87	-90.000	-1,525.25	-1,470.95	502.26	-7,028.47	7,530.73	0.067	Level 1	
11,950.00	10,973.00	10,834.10	10,973.00	63.93	7,478.87	-90.000	-1,525.25	-1,470.95	507.81	-7,023.51	7,531.33	0.067	Level 1	
12,000.00	10,973.00	10,834.10	10,973.00	64.40	7,478.87	-90.000	-1,525.25	-1,470.95	518.15	-7,013.78	7,531.93	0.069	Level 1	
12,050.00	10,973.00	10,834.10	10,973.00	64.89	7,478.87	-90.000	-1,525.25	-1,470.95	533.00	-6,999.55	7,532.55	0.071	Level 1	
12,100.00	10,973.00	10,834.10	10,973.00	65.40	7,478.87	-90.000	-1,525.25	-1,470.95	551.99	-6,981.19	7,533.17	0.073	Level 1	
12,150.00	10,973.00	10,834.10	10,973.00	65.91	7,478.87	-90.000	-1,525.25	-1,470.95	574.71	-6,959.11	7,533.82	0.076	Level 1	
12,200.00	10,973.00	10,834.10	10,973.00	66.43	7,478.87	-90.000	-1,525.25	-1,470.95	600.75	-6,933.72	7,534.47	0.080	Level 1	
12,250.00	10,973.00	10,834.10	10,973.00	66.97	7,478.87	-90.000	-1,525.25	-1,470.95	629.69	-6,905.45	7,535.14	0.084	Level 1	
12,300.00	10,973.00	10,834.10	10,973.00	67.51	7,478.87	-90.000	-1,525.25	-1,470.95	661.15	-6,874.67	7,535.81	0.088	Level 1	
12,350.00	10,973.00	10,834.10	10,973.00	68.07	7,478.87	-90.000	-1,525.25	-1,470.95	694.78	-6,841.72	7,536.50	0.092	Level 1	
12,400.00	10,973.00	10,834.10	10,973.00	68.64	7,478.87	-90.000	-1,525.25	-1,470.95	730.29	-6,806.90	7,537.20	0.097	Level 1	
12,450.00	10,973.00	10,834.10	10,973.00	69.22	7,478.87	-90.000	-1,525.25	-1,470.95	767.42	-6,770.49	7,537.91	0.102	Level 1	
12,500.00	10,973.00	10,834.10	10,973.00	69.81	7,478.87	-90.000	-1,525.25	-1,470.95	805.94	-6,732.68	7,538.62	0.107	Level 1	
12,550.00	10,973.00	10,834.10	10,973.00	70.41	7,478.87	-90.000	-1,525.25	-1,470.95	845.66	-6,693.68	7,539.35	0.112	Level 1	
12,600.00	10,973.00	10,834.10	10,973.00	71.01	7,478.87	-90.000	-1,525.25	-1,470.95	886.42	-6,653.65	7,540.07	0.118	Level 1	
12,650.00	10,973.00	10,834.10	10,973.00	71.63	7,478.87	-90.000	-1,525.25	-1,470.95	928.09	-6,612.73	7,540.82	0.123	Level 1	
12,700.00	10,973.00	10,834.10	10,973.00	72.26	7,478.87	-90.000	-1,525.25	-1,470.95	970.55	-6,571.02	7,541.56	0.129	Level 1	
12,750.00	10,973.00	10,834.10	10,973.00	72.90	7,478.87	-90.000	-1,525.25	-1,470.95	1,013.69	-6,528.64	7,542.33	0.134	Level 1	
12,800.00	10,973.00	10,834.10	10,973.00	73.54	7,478.87	-90.000	-1,525.25	-1,470.95	1,057.44	-6,485.65	7,543.09	0.140	Level 1	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: COLOROW DEEP UNIT-GOV #2 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
12,850.00	10,973.00	10,834.10	10,973.00	74.20	7,478.87	-90.000	-1,525.25	-1,470.95	1,101.72	-6,442.15	7,543.86	0.146	Level 1		
12,900.00	10,973.00	10,834.10	10,973.00	74.86	7,478.87	-90.000	-1,525.25	-1,470.95	1,146.47	-6,398.17	7,544.64	0.152	Level 1		
12,950.00	10,973.00	10,834.10	10,973.00	75.53	7,478.87	-90.000	-1,525.25	-1,470.95	1,191.63	-6,353.79	7,545.43	0.158	Level 1		
13,000.00	10,973.00	10,834.10	10,973.00	76.21	7,478.87	-90.000	-1,525.25	-1,470.95	1,237.17	-6,309.04	7,546.21	0.164	Level 1		
13,050.00	10,973.00	10,834.10	10,973.00	76.90	7,478.87	-90.000	-1,525.25	-1,470.95	1,283.04	-6,263.97	7,547.02	0.170	Level 1		
13,100.00	10,973.00	10,834.10	10,973.00	77.59	7,478.87	-90.000	-1,525.25	-1,470.95	1,329.21	-6,218.61	7,547.82	0.176	Level 1		
13,150.00	10,973.00	10,834.10	10,973.00	78.30	7,478.87	-90.000	-1,525.25	-1,470.95	1,375.65	-6,172.98	7,548.63	0.182	Level 1		
13,200.00	10,973.00	10,834.10	10,973.00	79.00	7,478.87	-90.000	-1,525.25	-1,470.95	1,422.33	-6,127.12	7,549.44	0.188	Level 1		
13,250.00	10,973.00	10,834.10	10,973.00	79.72	7,478.87	-90.000	-1,525.25	-1,470.95	1,469.23	-6,081.04	7,550.27	0.195	Level 1		
13,300.00	10,973.00	10,834.10	10,973.00	80.45	7,478.87	-90.000	-1,525.25	-1,470.95	1,516.32	-6,034.77	7,551.09	0.201	Level 1		
13,350.00	10,973.00	10,834.10	10,973.00	81.18	7,478.87	-90.000	-1,525.25	-1,470.95	1,563.60	-5,988.33	7,551.93	0.207	Level 1		
13,400.00	10,973.00	10,834.10	10,973.00	81.91	7,478.87	-90.000	-1,525.25	-1,470.95	1,611.04	-5,941.72	7,552.76	0.213	Level 1		
13,450.00	10,973.00	10,834.10	10,973.00	82.66	7,478.87	-90.000	-1,525.25	-1,470.95	1,658.63	-5,894.98	7,553.60	0.220	Level 1		
13,500.00	10,973.00	10,834.10	10,973.00	83.41	7,478.87	-90.000	-1,525.25	-1,470.95	1,706.36	-5,848.09	7,554.45	0.226	Level 1		
13,550.00	10,973.00	10,834.10	10,973.00	84.17	7,478.87	-90.000	-1,525.25	-1,470.95	1,754.21	-5,801.09	7,555.30	0.232	Level 1		
13,600.00	10,973.00	10,834.10	10,973.00	84.93	7,478.87	-90.000	-1,525.25	-1,470.95	1,802.18	-5,753.97	7,556.15	0.239	Level 1		
13,650.00	10,973.00	10,834.10	10,973.00	85.70	7,478.87	-90.000	-1,525.25	-1,470.95	1,850.26	-5,706.75	7,557.01	0.245	Level 1		
13,700.00	10,973.00	10,834.10	10,973.00	86.47	7,478.87	-90.000	-1,525.25	-1,470.95	1,898.44	-5,659.43	7,557.87	0.251	Level 1		
13,750.00	10,973.00	10,834.10	10,973.00	87.25	7,478.87	-90.000	-1,525.25	-1,470.95	1,946.71	-5,612.03	7,558.74	0.258	Level 1		
13,800.00	10,973.00	10,834.10	10,973.00	88.03	7,478.87	-90.000	-1,525.25	-1,470.95	1,995.07	-5,564.54	7,559.61	0.264	Level 1		
13,850.00	10,973.00	10,834.10	10,973.00	88.82	7,478.87	-90.000	-1,525.25	-1,470.95	2,043.50	-5,516.99	7,560.49	0.270	Level 1		
13,900.00	10,973.00	10,834.10	10,973.00	89.62	7,478.87	-90.000	-1,525.25	-1,470.95	2,092.01	-5,469.35	7,561.36	0.277	Level 1		
13,950.00	10,973.00	10,834.10	10,973.00	90.42	7,478.87	-90.000	-1,525.25	-1,470.95	2,140.58	-5,421.66	7,562.24	0.283	Level 1		
14,000.00	10,973.00	10,834.10	10,973.00	91.22	7,478.87	-90.000	-1,525.25	-1,470.95	2,189.23	-5,373.90	7,563.13	0.289	Level 1		
14,050.00	10,973.00	10,834.10	10,973.00	92.03	7,478.87	-90.000	-1,525.25	-1,470.95	2,237.93	-5,326.09	7,564.01	0.296	Level 1		
14,100.00	10,973.00	10,834.10	10,973.00	92.84	7,478.87	-90.000	-1,525.25	-1,470.95	2,286.68	-5,278.22	7,564.90	0.302	Level 1		
14,150.00	10,973.00	10,834.10	10,973.00	93.66	7,478.87	-90.000	-1,525.25	-1,470.95	2,335.49	-5,230.31	7,565.80	0.309	Level 1		
14,200.00	10,973.00	10,834.10	10,973.00	94.48	7,478.87	-90.000	-1,525.25	-1,470.95	2,384.35	-5,182.34	7,566.69	0.315	Level 1		
14,250.00	10,973.00	10,834.10	10,973.00	95.31	7,478.87	-90.000	-1,525.25	-1,470.95	2,433.26	-5,134.34	7,567.59	0.322	Level 1		
14,300.00	10,973.00	10,834.10	10,973.00	96.14	7,478.87	-90.000	-1,525.25	-1,470.95	2,482.21	-5,086.29	7,568.49	0.328	Level 1		
14,350.00	10,973.00	10,834.10	10,973.00	96.97	7,478.87	-90.000	-1,525.25	-1,470.95	2,531.20	-5,038.21	7,569.40	0.334	Level 1		
14,400.00	10,973.00	10,834.10	10,973.00	97.81	7,478.87	-90.000	-1,525.25	-1,470.95	2,580.22	-4,990.08	7,570.31	0.341	Level 1		
14,450.00	10,973.00	10,834.10	10,973.00	98.65	7,478.87	-90.000	-1,525.25	-1,470.95	2,629.29	-4,941.93	7,571.22	0.347	Level 1		
14,500.00	10,973.00	10,834.10	10,973.00	99.50	7,478.87	-90.000	-1,525.25	-1,470.95	2,678.39	-4,893.74	7,572.13	0.354	Level 1		
14,550.00	10,973.00	10,834.10	10,973.00	100.35	7,478.87	-90.000	-1,525.25	-1,470.95	2,727.52	-4,845.52	7,573.04	0.360	Level 1		
14,600.00	10,973.00	10,834.10	10,973.00	101.20	7,478.87	-90.000	-1,525.25	-1,470.95	2,776.68	-4,797.28	7,573.96	0.367	Level 1		
14,650.00	10,973.00	10,834.10	10,973.00	102.06	7,478.87	-90.000	-1,525.25	-1,470.95	2,825.88	-4,749.00	7,574.88	0.373	Level 1		
14,700.00	10,973.00	10,834.10	10,973.00	102.92	7,478.87	-90.000	-1,525.25	-1,470.95	2,875.10	-4,700.70	7,575.80	0.380	Level 1		
14,750.00	10,973.00	10,834.10	10,973.00	103.78	7,478.87	-90.000	-1,525.25	-1,470.95	2,924.35	-4,652.38	7,576.72	0.386	Level 1		
14,800.00	10,973.00	10,834.10	10,973.00	104.64	7,478.87	-90.000	-1,525.25	-1,470.95	2,973.62	-4,604.03	7,577.65	0.392	Level 1		
14,850.00	10,973.00	10,834.10	10,973.00	105.51	7,478.87	-90.000	-1,525.25	-1,470.95	3,022.91	-4,555.66	7,578.58	0.399	Level 1		
14,900.00	10,973.00	10,834.10	10,973.00	106.38	7,478.87	-90.000	-1,525.25	-1,470.95	3,072.23	-4,507.27	7,579.51	0.405	Level 1		
14,950.00	10,973.00	10,834.10	10,973.00	107.26	7,478.87	-90.000	-1,525.25	-1,470.95	3,121.57	-4,458.86	7,580.44	0.412	Level 1		
15,000.00	10,973.00	10,834.10	10,973.00	108.13	7,478.87	-90.000	-1,525.25	-1,470.95	3,170.93	-4,410.43	7,581.37	0.418	Level 1		
15,050.00	10,973.00	10,834.10	10,973.00	109.01	7,478.87	-90.000	-1,525.25	-1,470.95	3,220.32	-4,361.99	7,582.30	0.425	Level 1		
15,100.00	10,973.00	10,834.10	10,973.00	109.90	7,478.87	-90.000	-1,525.25	-1,470.95	3,269.71	-4,313.53	7,583.24	0.431	Level 1		
15,150.00	10,973.00	10,834.10	10,973.00	110.78	7,478.87	-90.000	-1,525.25	-1,470.95	3,319.13	-4,265.05	7,584.18	0.438	Level 1		
15,200.00	10,973.00	10,834.10	10,973.00	111.67	7,478.87	-90.000	-1,525.25	-1,470.95	3,368.57	-4,216.55	7,585.12	0.444	Level 1		
15,250.00	10,973.00	10,834.10	10,973.00	112.56	7,478.87	-90.000	-1,525.25	-1,470.95	3,418.02	-4,168.04	7,586.06	0.451	Level 1		
15,300.00	10,973.00	10,834.10	10,973.00	113.45	7,478.87	-90.000	-1,525.25	-1,470.95	3,467.49	-4,119.52	7,587.00	0.457	Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design														Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference				Offset				Semi Major Axis			Distance				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
15,350.00	10,973.00	10,834.10	10,973.00	114.35	7,478.87	-90.000	-1,525.25	-1,470.95	3,516.97	-4,070.98	7,587.95	0.463	Level 1		
15,400.00	10,973.00	10,834.10	10,973.00	115.24	7,478.87	-90.000	-1,525.25	-1,470.95	3,566.46	-4,022.43	7,588.89	0.470	Level 1		
15,450.00	10,973.00	10,834.10	10,973.00	116.14	7,478.87	-90.000	-1,525.25	-1,470.95	3,615.98	-3,973.87	7,589.84	0.476	Level 1		
15,500.00	10,973.00	10,834.10	10,973.00	117.05	7,478.87	-90.000	-1,525.25	-1,470.95	3,665.50	-3,925.29	7,590.79	0.483	Level 1		
15,550.00	10,973.00	10,834.10	10,973.00	117.95	7,478.87	-90.000	-1,525.25	-1,470.95	3,715.04	-3,876.70	7,591.74	0.489	Level 1		
15,600.00	10,973.00	10,834.10	10,973.00	118.85	7,478.87	-90.000	-1,525.25	-1,470.95	3,764.58	-3,828.11	7,592.69	0.496	Level 1		
15,650.00	10,973.00	10,834.10	10,973.00	119.76	7,478.87	-90.000	-1,525.25	-1,470.95	3,814.14	-3,779.50	7,593.64	0.502	Level 1		
15,700.00	10,973.00	10,834.10	10,973.00	120.67	7,478.87	-90.000	-1,525.25	-1,470.95	3,863.72	-3,730.88	7,594.60	0.509	Level 1		
15,750.00	10,973.00	10,834.10	10,973.00	121.58	7,478.87	-90.000	-1,525.25	-1,470.95	3,913.30	-3,682.25	7,595.55	0.515	Level 1		
15,800.00	10,973.00	10,834.10	10,973.00	122.50	7,478.87	-90.000	-1,525.25	-1,470.95	3,962.89	-3,633.62	7,596.51	0.522	Level 1		
15,850.00	10,973.00	10,834.10	10,973.00	123.41	7,478.87	-90.000	-1,525.25	-1,470.95	4,012.50	-3,584.97	7,597.47	0.528	Level 1		
15,900.00	10,973.00	10,834.10	10,973.00	124.33	7,478.87	-90.000	-1,525.25	-1,470.95	4,062.11	-3,536.32	7,598.42	0.535	Level 1		
15,950.00	10,973.00	10,834.10	10,973.00	125.25	7,478.87	-90.000	-1,525.25	-1,470.95	4,111.73	-3,487.65	7,599.39	0.541	Level 1		
16,000.00	10,973.00	10,834.10	10,973.00	126.17	7,478.87	-90.000	-1,525.25	-1,470.95	4,161.36	-3,438.98	7,600.35	0.548	Level 1		
16,050.00	10,973.00	10,834.10	10,973.00	127.09	7,478.87	-90.000	-1,525.25	-1,470.95	4,211.00	-3,390.31	7,601.31	0.554	Level 1		
16,100.00	10,973.00	10,834.10	10,973.00	128.02	7,478.87	-90.000	-1,525.25	-1,470.95	4,260.65	-3,341.62	7,602.27	0.560	Level 1		
16,150.00	10,973.00	10,834.10	10,973.00	128.94	7,478.87	-90.000	-1,525.25	-1,470.95	4,310.31	-3,292.93	7,603.24	0.567	Level 1		
16,200.00	10,973.00	10,834.10	10,973.00	129.87	7,478.87	-90.000	-1,525.25	-1,470.95	4,359.97	-3,244.23	7,604.20	0.573	Level 1		
16,250.00	10,973.00	10,834.10	10,973.00	130.80	7,478.87	-90.000	-1,525.25	-1,470.95	4,409.64	-3,195.52	7,605.17	0.580	Level 1		
16,300.00	10,973.00	10,834.10	10,973.00	131.73	7,478.87	-90.000	-1,525.25	-1,470.95	4,459.32	-3,146.81	7,606.13	0.586	Level 1		
16,350.00	10,973.00	10,834.10	10,973.00	132.66	7,478.87	-90.000	-1,525.25	-1,470.95	4,509.01	-3,098.09	7,607.10	0.593	Level 1		
16,400.00	10,973.00	10,834.10	10,973.00	133.60	7,478.87	-90.000	-1,525.25	-1,470.95	4,558.70	-3,049.37	7,608.07	0.599	Level 1		
16,450.00	10,973.00	10,834.10	10,973.00	134.53	7,478.87	-90.000	-1,525.25	-1,470.95	4,608.40	-3,000.64	7,609.04	0.606	Level 1		
16,500.00	10,973.00	10,834.10	10,973.00	135.47	7,478.87	-90.000	-1,525.25	-1,470.95	4,658.11	-2,951.90	7,610.01	0.612	Level 1		
16,550.00	10,973.00	10,834.10	10,973.00	136.40	7,478.87	-90.000	-1,525.25	-1,470.95	4,707.82	-2,903.16	7,610.98	0.619	Level 1		
16,600.00	10,973.00	10,834.10	10,973.00	137.34	7,478.87	-90.000	-1,525.25	-1,470.95	4,757.54	-2,854.41	7,611.95	0.625	Level 1		
16,650.00	10,973.00	10,834.10	10,973.00	138.28	7,478.87	-90.000	-1,525.25	-1,470.95	4,807.27	-2,805.66	7,612.93	0.631	Level 1		
16,700.00	10,973.00	10,834.10	10,973.00	139.22	7,478.87	-90.000	-1,525.25	-1,470.95	4,857.00	-2,756.90	7,613.90	0.638	Level 1		
16,750.00	10,973.00	10,834.10	10,973.00	140.17	7,478.87	-90.000	-1,525.25	-1,470.95	4,906.73	-2,708.14	7,614.88	0.644	Level 1		
16,800.00	10,973.00	10,834.10	10,973.00	141.11	7,478.87	-90.000	-1,525.25	-1,470.95	4,956.47	-2,659.38	7,615.85	0.651	Level 1		
16,850.00	10,973.00	10,834.10	10,973.00	142.06	7,478.87	-90.000	-1,525.25	-1,470.95	5,006.22	-2,610.61	7,616.83	0.657	Level 1		
16,900.00	10,973.00	10,834.10	10,973.00	143.00	7,478.87	-90.000	-1,525.25	-1,470.95	5,055.97	-2,561.83	7,617.80	0.664	Level 1		
16,950.00	10,973.00	10,834.10	10,973.00	143.95	7,478.87	-90.000	-1,525.25	-1,470.95	5,105.73	-2,513.05	7,618.78	0.670	Level 1		
17,000.00	10,973.00	10,834.10	10,973.00	144.90	7,478.87	-90.000	-1,525.25	-1,470.95	5,155.49	-2,464.27	7,619.76	0.677	Level 1		
17,050.00	10,973.00	10,834.10	10,973.00	145.85	7,478.87	-90.000	-1,525.25	-1,470.95	5,205.25	-2,415.49	7,620.74	0.683	Level 1		
17,100.00	10,973.00	10,834.10	10,973.00	146.80	7,478.87	-90.000	-1,525.25	-1,470.95	5,255.02	-2,366.70	7,621.72	0.689	Level 1		
17,150.00	10,973.00	10,834.10	10,973.00	147.75	7,478.87	-90.000	-1,525.25	-1,470.95	5,304.80	-2,317.90	7,622.70	0.696	Level 1		
17,200.00	10,973.00	10,834.10	10,973.00	148.70	7,478.87	-90.000	-1,525.25	-1,470.95	5,354.58	-2,269.10	7,623.68	0.702	Level 1		
17,250.00	10,973.00	10,834.10	10,973.00	149.66	7,478.87	-90.000	-1,525.25	-1,470.95	5,404.36	-2,220.30	7,624.66	0.709	Level 1		
17,300.00	10,973.00	10,834.10	10,973.00	150.61	7,478.87	-90.000	-1,525.25	-1,470.95	5,454.14	-2,171.50	7,625.64	0.715	Level 1		
17,350.00	10,973.00	10,834.10	10,973.00	151.57	7,478.87	-90.000	-1,525.25	-1,470.95	5,503.93	-2,122.69	7,626.63	0.722	Level 1		
17,400.00	10,973.00	10,834.10	10,973.00	152.52	7,478.87	-90.000	-1,525.25	-1,470.95	5,553.73	-2,073.88	7,627.61	0.728	Level 1		
17,450.00	10,973.00	10,834.10	10,973.00	153.48	7,478.87	-90.000	-1,525.25	-1,470.95	5,603.53	-2,025.07	7,628.59	0.735	Level 1		
17,500.00	10,973.00	10,834.10	10,973.00	154.44	7,478.87	-90.000	-1,525.25	-1,470.95	5,653.33	-1,976.25	7,629.58	0.741	Level 1		
17,550.00	10,973.00	10,834.10	10,973.00	155.40	7,478.87	-90.000	-1,525.25	-1,470.95	5,703.13	-1,927.43	7,630.56	0.747	Level 1		
17,600.00	10,973.00	10,834.10	10,973.00	156.36	7,478.87	-90.000	-1,525.25	-1,470.95	5,752.94	-1,878.61	7,631.55	0.754	Level 1		
17,650.00	10,973.00	10,834.10	10,973.00	157.32	7,478.87	-90.000	-1,525.25	-1,470.95	5,802.75	-1,829.78	7,632.53	0.760	Level 1		
17,700.00	10,973.00	10,834.10	10,973.00	158.28	7,478.87	-90.000	-1,525.25	-1,470.95	5,852.57	-1,780.95	7,633.52	0.767	Level 1		
17,750.00	10,973.00	10,834.10	10,973.00	159.24	7,478.87	-90.000	-1,525.25	-1,470.95	5,902.38	-1,732.12	7,634.51	0.773	Level 1		
17,800.00	10,973.00	10,834.10	10,973.00	160.21	7,478.87	-90.000	-1,525.25	-1,470.95	5,952.21	-1,683.29	7,635.50	0.780	Level 1		
17,850.00	10,973.00	10,834.10	10,973.00	161.17	7,478.87	-90.000	-1,525.25	-1,470.95	6,002.03	-1,634.46	7,636.48	0.786	Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design														MOHEE FED 0297-17-29 - OFFSET: COLOROW DEEP UNIT-GOV #2 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND															Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
17,900.00	10,973.00	10,834.10	10,973.00	162.14	7,478.87	-90.000	-1,525.25	-1,470.95	6,051.86	-1,585.62	7,637.47	0.792	Level 1			
17,950.00	10,973.00	10,834.10	10,973.00	163.10	7,478.87	-90.000	-1,525.25	-1,470.95	6,101.69	-1,536.78	7,638.46	0.799	Level 1			
18,000.00	10,973.00	10,834.10	10,973.00	164.07	7,478.87	-90.000	-1,525.25	-1,470.95	6,151.52	-1,487.93	7,639.45	0.805	Level 1			
18,050.00	10,973.00	10,834.10	10,973.00	165.04	7,478.87	-90.000	-1,525.25	-1,470.95	6,201.35	-1,439.09	7,640.44	0.812	Level 1			
18,100.00	10,973.00	10,834.10	10,973.00	166.01	7,478.87	-90.000	-1,525.25	-1,470.95	6,251.19	-1,390.24	7,641.43	0.818	Level 1			
18,150.00	10,973.00	10,834.10	10,973.00	166.97	7,478.87	-90.000	-1,525.25	-1,470.95	6,301.03	-1,341.39	7,642.42	0.824	Level 1			
18,200.00	10,973.00	10,834.10	10,973.00	167.94	7,478.87	-90.000	-1,525.25	-1,470.95	6,350.87	-1,292.54	7,643.42	0.831	Level 1			
18,250.00	10,973.00	10,834.10	10,973.00	168.92	7,478.87	-90.000	-1,525.25	-1,470.95	6,400.72	-1,243.69	7,644.41	0.837	Level 1			
18,300.00	10,973.00	10,834.10	10,973.00	169.89	7,478.87	-90.000	-1,525.25	-1,470.95	6,450.57	-1,194.83	7,645.40	0.844	Level 1			
18,350.00	10,973.00	10,834.10	10,973.00	170.86	7,478.87	-90.000	-1,525.25	-1,470.95	6,500.42	-1,145.98	7,646.39	0.850	Level 1			
18,400.00	10,973.00	10,834.10	10,973.00	171.83	7,478.87	-90.000	-1,525.25	-1,470.95	6,550.27	-1,097.12	7,647.39	0.857	Level 1			
18,450.00	10,973.00	10,834.10	10,973.00	172.80	7,478.87	-90.000	-1,525.25	-1,470.95	6,600.12	-1,048.26	7,648.38	0.863	Level 1			
18,500.00	10,973.00	10,834.10	10,973.00	173.78	7,478.87	-90.000	-1,525.25	-1,470.95	6,649.98	-999.39	7,649.37	0.869	Level 1			
18,550.00	10,973.00	10,834.10	10,973.00	174.75	7,478.87	-90.000	-1,525.25	-1,470.95	6,699.84	-950.53	7,650.37	0.876	Level 1			
18,600.00	10,973.00	10,834.10	10,973.00	175.73	7,478.87	-90.000	-1,525.25	-1,470.95	6,749.70	-901.66	7,651.36	0.882	Level 1			
18,650.00	10,973.00	10,834.10	10,973.00	176.70	7,478.87	-90.000	-1,525.25	-1,470.95	6,799.56	-852.79	7,652.36	0.889	Level 1			
18,700.00	10,973.00	10,834.10	10,973.00	177.68	7,478.87	-90.000	-1,525.25	-1,470.95	6,849.43	-803.93	7,653.35	0.895	Level 1			
18,750.00	10,973.00	10,834.10	10,973.00	178.65	7,478.87	-90.000	-1,525.25	-1,470.95	6,899.29	-755.05	7,654.35	0.901	Level 1			
18,800.00	10,973.00	10,834.10	10,973.00	179.63	7,478.87	-90.000	-1,525.25	-1,470.95	6,949.16	-706.18	7,655.34	0.908	Level 1			
18,850.00	10,973.00	10,834.10	10,973.00	180.61	7,478.87	-90.000	-1,525.25	-1,470.95	6,999.03	-657.31	7,656.34	0.914	Level 1			
18,900.00	10,973.00	10,834.10	10,973.00	181.59	7,478.87	-90.000	-1,525.25	-1,470.95	7,048.91	-608.43	7,657.34	0.921	Level 1			
18,950.00	10,973.00	10,834.10	10,973.00	182.57	7,478.87	-90.000	-1,525.25	-1,470.95	7,098.78	-559.55	7,658.33	0.927	Level 1			
19,000.00	10,973.00	10,834.10	10,973.00	183.55	7,478.87	-90.000	-1,525.25	-1,470.95	7,148.66	-510.68	7,659.33	0.933	Level 1			
19,050.00	10,973.00	10,834.10	10,973.00	184.53	7,478.87	-90.000	-1,525.25	-1,470.95	7,198.53	-461.80	7,660.33	0.940	Level 1			
19,100.00	10,973.00	10,834.10	10,973.00	185.51	7,478.87	-90.000	-1,525.25	-1,470.95	7,248.41	-412.91	7,661.33	0.946	Level 1			
19,150.00	10,973.00	10,834.10	10,973.00	186.49	7,478.87	-90.000	-1,525.25	-1,470.95	7,298.29	-364.03	7,662.33	0.952	Level 1			
19,200.00	10,973.00	10,834.10	10,973.00	187.47	7,478.87	-90.000	-1,525.25	-1,470.95	7,348.18	-315.15	7,663.33	0.959	Level 1			
19,250.00	10,973.00	10,834.10	10,973.00	188.45	7,478.87	-90.000	-1,525.25	-1,470.95	7,398.06	-266.26	7,664.32	0.965	Level 1			
19,300.00	10,973.00	10,834.10	10,973.00	189.43	7,478.87	-90.000	-1,525.25	-1,470.95	7,447.95	-217.38	7,665.32	0.972	Level 1			
19,350.00	10,973.00	10,834.10	10,973.00	190.42	7,478.87	-90.000	-1,525.25	-1,470.95	7,497.83	-168.49	7,666.32	0.978	Level 1			
19,400.00	10,973.00	10,834.10	10,973.00	191.40	7,478.87	-90.000	-1,525.25	-1,470.95	7,547.72	-119.60	7,667.32	0.984	Level 1			
19,450.00	10,973.00	10,834.10	10,973.00	192.38	7,478.87	-90.000	-1,525.25	-1,470.95	7,597.61	-70.71	7,668.32	0.991	Level 1			
19,500.00	10,973.00	10,834.10	10,973.00	193.37	7,478.87	-90.000	-1,525.25	-1,470.95	7,647.51	-21.82	7,669.32	0.997	Level 1			
19,550.00	10,973.00	10,834.10	10,973.00	194.35	7,478.87	-90.000	-1,525.25	-1,470.95	7,697.40	27.07	7,670.32	1.004	Level 2			
19,600.00	10,973.00	10,834.10	10,973.00	195.34	7,478.87	-90.000	-1,525.25	-1,470.95	7,747.29	75.97	7,671.33	1.010	Level 2			
19,650.00	10,973.00	10,834.10	10,973.00	196.32	7,478.87	-90.000	-1,525.25	-1,470.95	7,797.19	124.86	7,672.33	1.016	Level 2			
19,700.00	10,973.00	10,834.10	10,973.00	197.31	7,478.87	-90.000	-1,525.25	-1,470.95	7,847.09	173.76	7,673.33	1.023	Level 2			
19,750.00	10,973.00	10,834.10	10,973.00	198.30	7,478.87	-90.000	-1,525.25	-1,470.95	7,896.98	222.65	7,674.33	1.029	Level 2			
19,800.00	10,973.00	10,834.10	10,973.00	199.28	7,478.87	-90.000	-1,525.25	-1,470.95	7,946.88	271.55	7,675.33	1.035	Level 2			
19,850.00	10,973.00	10,834.10	10,973.00	200.27	7,478.87	-90.000	-1,525.25	-1,470.95	7,996.79	320.45	7,676.34	1.042	Level 2			
19,900.00	10,973.00	10,834.10	10,973.00	201.26	7,478.87	-90.000	-1,525.25	-1,470.95	8,046.69	369.35	7,677.34	1.048	Level 2			
19,950.00	10,973.00	10,834.10	10,973.00	202.25	7,478.87	-90.000	-1,525.25	-1,470.95	8,096.59	418.25	7,678.34	1.054	Level 2			
20,000.00	10,973.00	10,834.10	10,973.00	203.24	7,478.87	-90.000	-1,525.25	-1,470.95	8,146.50	467.15	7,679.34	1.061	Level 2			
20,050.00	10,973.00	10,834.10	10,973.00	204.22	7,478.87	-90.000	-1,525.25	-1,470.95	8,196.40	516.05	7,680.35	1.067	Level 2			
20,100.00	10,973.00	10,834.10	10,973.00	205.21	7,478.87	-90.000	-1,525.25	-1,470.95	8,246.31	564.96	7,681.35	1.074	Level 2			
20,150.00	10,973.00	10,834.10	10,973.00	206.20	7,478.87	-90.000	-1,525.25	-1,470.95	8,296.22	613.86	7,682.35	1.080	Level 2			
20,200.00	10,973.00	10,834.10	10,973.00	207.19	7,478.87	-90.000	-1,525.25	-1,470.95	8,346.13	662.77	7,683.36	1.086	Level 2			
20,250.00	10,973.00	10,834.10	10,973.00	208.18	7,478.87	-90.000	-1,525.25	-1,470.95	8,396.04	711.67	7,684.36	1.093	Level 2			
20,300.00	10,973.00	10,834.10	10,973.00	209.17	7,478.87	-90.000	-1,525.25	-1,470.95	8,445.95	760.58	7,685.37	1.099	Level 2			
20,350.00	10,973.00	10,834.10	10,973.00	210.17	7,478.87	-90.000	-1,525.25	-1,470.95	8,495.86	809.49	7,686.37	1.105	Level 2			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report

Company: ANSCHUTZ EXPLORATION CORP. Local Co-ordinate Reference: Well 14NH - Slot Mohee Fed 0297-17-29-14NH
Project: RIO BLANCO COUNTY, COLORADO (NAD-83) TVD Reference: RKB = 27.5 @ 6018.90usft (TBD)
Reference Site: MOHEE FED 0297-17-29 MD Reference: RKB = 27.5 @ 6018.90usft (TBD)
Site Error: 0.00 usft North Reference: Grid
Reference Well: 14NH Survey Calculation Method: Minimum Curvature
Well Error: 0.00 usft Output errors are at 2.00 sigma
Reference Wellbore: OH Database: EDM 5000.1.13 Single User Db
Reference Design: PERMIT Offset TVD Reference: Reference Datum

Offset Design MOHEE FED 0297-17-29 - OFFSET: COLOROW DEEP UNIT-GOV #2 - Wellbore #1 - Wellbore #1 Offset Site Error: 0.00 usft
Survey Program: 300-BLIND Offset Well Error: 0.00 usft

Table with 14 columns: Measured Depth (usft), Vertical Depth (usft), Reference, Offset, Semi Major Axis (Reference, Offset, Highside Toolface), Distance (Between Centres, Between Ellipses, Minimum Separation, Separation Factor), Warning. Rows range from 20,400.00 to 22,900.00 usft.

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: COLOROW DEEP UNIT-GOV #2 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
22,950.00	10,973.00	10,834.10	10,973.00	262.09	7,478.87	-90.000	-1,525.25	-1,470.95	11,092.39	3,353.54	7,738.85	1.433	Level 3		
23,000.00	10,973.00	10,834.10	10,973.00	263.09	7,478.87	-90.000	-1,525.25	-1,470.95	11,142.34	3,402.47	7,739.87	1.440	Level 3		
23,050.00	10,973.00	10,834.10	10,973.00	264.10	7,478.87	-90.000	-1,525.25	-1,470.95	11,192.29	3,451.41	7,740.88	1.446	Level 3		
23,100.00	10,973.00	10,834.10	10,973.00	265.10	7,478.87	-90.000	-1,525.25	-1,470.95	11,242.24	3,500.35	7,741.89	1.452	Level 3		
23,150.00	10,973.00	10,834.10	10,973.00	266.11	7,478.87	-90.000	-1,525.25	-1,470.95	11,292.19	3,549.28	7,742.91	1.458	Level 3		
23,200.00	10,973.00	10,834.10	10,973.00	267.11	7,478.87	-90.000	-1,525.25	-1,470.95	11,342.14	3,598.22	7,743.92	1.465	Level 3		
23,250.00	10,973.00	10,834.10	10,973.00	268.12	7,478.87	-90.000	-1,525.25	-1,470.95	11,392.09	3,647.16	7,744.93	1.471	Level 3		
23,300.00	10,973.00	10,834.10	10,973.00	269.12	7,478.87	-90.000	-1,525.25	-1,470.95	11,442.04	3,696.10	7,745.95	1.477	Level 3		
23,350.00	10,973.00	10,834.10	10,973.00	270.13	7,478.87	-90.000	-1,525.25	-1,470.95	11,492.00	3,745.04	7,746.96	1.483	Level 3		
23,400.00	10,973.00	10,834.10	10,973.00	271.13	7,478.87	-90.000	-1,525.25	-1,470.95	11,541.95	3,793.98	7,747.97	1.490	Level 3		
23,448.12	10,973.00	10,834.10	10,973.00	272.10	7,478.87	-90.000	-1,525.25	-1,470.95	11,590.03	3,841.08	7,748.95	1.496	Level 3		



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design														Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
MOHEE FED 0297-17-29 - OFFSET: COLOROW UNIT #1 - Wellbore #1 - Wellbore #1															
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
550.00	550.00	441.10	550.00	1.74	147.77	-163.808	-2,546.98	-739.58	2,652.19	2,502.68	149.51	17.739			
600.00	600.00	491.10	600.00	1.92	182.77	-163.808	-2,546.98	-739.58	2,652.19	2,467.50	184.69	14.360			
650.00	650.00	541.10	650.00	2.10	217.77	-163.808	-2,546.98	-739.58	2,652.19	2,432.32	219.87	12.062			
700.00	700.00	591.10	700.00	2.28	252.77	-163.808	-2,546.98	-739.58	2,652.19	2,397.14	255.05	10.399			
750.00	750.00	641.10	750.00	2.46	287.77	-163.808	-2,546.98	-739.58	2,652.19	2,361.96	290.23	9.138			
800.00	800.00	691.10	800.00	2.64	322.77	-163.808	-2,546.98	-739.58	2,652.19	2,326.78	325.41	8.150			
850.00	850.00	741.10	850.00	2.82	357.77	-163.808	-2,546.98	-739.58	2,652.19	2,291.60	360.59	7.355			
900.00	900.00	791.10	900.00	3.00	392.77	-163.808	-2,546.98	-739.58	2,652.19	2,256.42	395.77	6.701			
950.00	950.00	841.10	950.00	3.18	427.77	-163.808	-2,546.98	-739.58	2,652.19	2,221.24	430.95	6.154			
1,000.00	1,000.00	891.10	1,000.00	3.36	462.77	-163.808	-2,546.98	-739.58	2,652.19	2,186.06	466.13	5.690			
1,050.00	1,050.00	941.10	1,050.00	3.53	497.77	-55.972	-2,546.98	-739.58	2,652.01	2,150.72	501.29	5.290			
1,100.00	1,099.99	991.09	1,099.99	3.70	532.76	-55.996	-2,546.98	-739.58	2,651.46	2,115.05	536.41	4.943			
1,150.00	1,149.96	1,041.06	1,149.96	3.87	567.74	-56.037	-2,546.98	-739.58	2,650.54	2,079.06	571.48	4.638			
1,200.00	1,199.91	1,091.01	1,199.91	4.04	602.71	-56.094	-2,546.98	-739.58	2,649.26	2,042.77	606.49	4.368			
1,250.00	1,249.82	1,140.92	1,249.82	4.22	637.65	-56.167	-2,546.98	-739.58	2,647.62	2,006.18	641.44	4.128			
1,300.00	1,299.69	1,190.79	1,299.69	4.39	672.55	-56.257	-2,546.98	-739.58	2,645.62	1,969.31	676.31	3.912			
1,350.00	1,349.51	1,240.61	1,349.51	4.57	707.43	-56.363	-2,546.98	-739.58	2,643.25	1,932.17	711.09	3.717			
1,400.00	1,399.27	1,290.37	1,399.27	4.75	742.26	-56.485	-2,546.98	-739.58	2,640.54	1,894.77	745.77	3.541			
1,450.00	1,448.96	1,340.06	1,448.96	4.93	777.04	-56.624	-2,546.98	-739.58	2,637.46	1,857.12	780.35	3.380			
1,500.00	1,498.57	1,389.67	1,498.57	5.12	811.77	-56.779	-2,546.98	-739.58	2,634.04	1,819.23	814.80	3.233			
1,550.00	1,548.10	1,439.20	1,548.10	5.31	846.44	-56.950	-2,546.98	-739.58	2,630.27	1,781.12	849.14	3.098			
1,600.00	1,597.54	1,488.64	1,597.54	5.50	881.05	-57.138	-2,546.98	-739.58	2,626.16	1,742.80	883.35	2.973			
1,650.00	1,646.87	1,537.97	1,646.87	5.71	915.58	-57.343	-2,546.98	-739.58	2,621.71	1,704.28	917.43	2.858			
1,700.00	1,696.09	1,587.19	1,696.09	5.91	950.03	-57.564	-2,546.98	-739.58	2,616.93	1,665.57	951.36	2.751			
1,750.00	1,745.19	1,636.29	1,745.19	6.13	984.40	-57.801	-2,546.98	-739.58	2,611.82	1,626.67	985.15	2.651			
1,776.96	1,771.62	1,662.72	1,771.62	6.24	1,002.90	-57.936	-2,546.98	-739.58	2,608.93	1,605.62	1,003.31	2.600			
1,800.00	1,794.18	1,685.28	1,794.18	6.35	1,018.69	-58.022	-2,546.98	-739.58	2,606.42	1,587.29	1,019.14	2.557			
1,850.00	1,843.15	1,734.25	1,843.15	6.57	1,052.97	-58.208	-2,546.98	-739.58	2,601.01	1,547.51	1,053.49	2.469			
1,900.00	1,892.12	1,783.22	1,892.12	6.80	1,087.25	-58.394	-2,546.98	-739.58	2,595.62	1,507.77	1,087.86	2.386			
1,950.00	1,941.09	1,832.19	1,941.09	7.03	1,121.53	-58.582	-2,546.98	-739.58	2,590.26	1,468.03	1,122.23	2.308			
2,000.00	1,990.06	1,881.16	1,990.06	7.26	1,155.81	-58.770	-2,546.98	-739.58	2,584.93	1,428.33	1,156.60	2.235			
2,050.00	2,039.02	1,930.12	2,039.02	7.50	1,190.09	-58.959	-2,546.98	-739.58	2,579.63	1,388.64	1,190.99	2.166			
2,100.00	2,087.99	1,979.09	2,087.99	7.74	1,224.37	-59.149	-2,546.98	-739.58	2,574.36	1,348.98	1,225.38	2.101			
2,150.00	2,136.96	2,028.06	2,136.96	7.98	1,258.64	-59.339	-2,546.98	-739.58	2,569.11	1,309.34	1,259.78	2.039			
2,200.00	2,185.93	2,077.03	2,185.93	8.22	1,292.92	-59.530	-2,546.98	-739.58	2,563.89	1,269.72	1,294.18	1.981			
2,250.00	2,234.90	2,126.00	2,234.90	8.47	1,327.20	-59.722	-2,546.98	-739.58	2,558.71	1,230.12	1,328.59	1.926			
2,300.00	2,283.87	2,174.97	2,283.87	8.71	1,361.48	-59.915	-2,546.98	-739.58	2,553.55	1,190.55	1,363.00	1.873			
2,350.00	2,332.84	2,223.94	2,332.84	8.96	1,395.76	-60.108	-2,546.98	-739.58	2,548.42	1,151.00	1,397.42	1.824			
2,400.00	2,381.81	2,272.91	2,381.81	9.21	1,430.04	-60.302	-2,546.98	-739.58	2,543.33	1,111.48	1,431.85	1.776			
2,450.00	2,430.78	2,321.88	2,430.78	9.46	1,464.31	-60.497	-2,546.98	-739.58	2,538.26	1,071.98	1,466.28	1.731			
2,500.00	2,479.75	2,370.85	2,479.75	9.71	1,498.59	-60.693	-2,546.98	-739.58	2,533.22	1,032.51	1,500.71	1.688			
2,550.00	2,528.72	2,419.82	2,528.72	9.96	1,532.87	-60.890	-2,546.98	-739.58	2,528.21	993.06	1,535.16	1.647			
2,600.00	2,577.69	2,468.79	2,577.69	10.22	1,567.15	-61.087	-2,546.98	-739.58	2,523.24	953.63	1,569.60	1.608			
2,650.00	2,626.65	2,517.75	2,626.65	10.47	1,601.43	-61.285	-2,546.98	-739.58	2,518.29	914.23	1,604.06	1.570			
2,700.00	2,675.62	2,566.72	2,675.62	10.73	1,635.71	-61.484	-2,546.98	-739.58	2,513.37	874.86	1,638.51	1.534			
2,750.00	2,724.59	2,615.69	2,724.59	10.98	1,669.99	-61.683	-2,546.98	-739.58	2,508.49	835.51	1,672.98	1.499	Level 3		
2,800.00	2,773.56	2,664.66	2,773.56	11.24	1,704.26	-61.883	-2,546.98	-739.58	2,503.64	796.19	1,707.44	1.466	Level 3		
2,850.00	2,822.53	2,713.63	2,822.53	11.50	1,738.54	-62.084	-2,546.98	-739.58	2,498.82	756.90	1,741.92	1.435	Level 3		
2,900.00	2,871.50	2,762.60	2,871.50	11.76	1,772.82	-62.286	-2,546.98	-739.58	2,494.03	717.63	1,776.40	1.404	Level 3		
2,950.00	2,920.47	2,811.57	2,920.47	12.02	1,807.10	-62.488	-2,546.98	-739.58	2,489.27	678.39	1,810.88	1.375	Level 3		
3,000.00	2,969.44	2,860.54	2,969.44	12.28	1,841.38	-62.692	-2,546.98	-739.58	2,484.54	639.17	1,845.37	1.346	Level 3		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-29 - OFFSET: COLOROW UNIT #1 - Wellbore #1 - Wellbore #1													Offset Site Error:	0.00 usft
Survey Program: 300-BLIND													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance			Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
3,050.00	3,018.41	2,909.51	3,018.41	12.54	1,875.66	-62.896	-2,546.98	-739.58	2,479.85	599.99	1,879.86	1.319	Level 3	
3,100.00	3,067.38	2,958.48	3,067.38	12.80	1,909.93	-63.100	-2,546.98	-739.58	2,475.18	560.83	1,914.36	1.293	Level 3	
3,150.00	3,116.35	3,007.45	3,116.35	13.06	1,944.21	-63.306	-2,546.98	-739.58	2,470.55	521.70	1,948.86	1.268	Level 3	
3,200.00	3,165.32	3,056.42	3,165.32	13.32	1,978.49	-63.512	-2,546.98	-739.58	2,465.96	482.59	1,983.36	1.243	Level 2	
3,250.00	3,214.28	3,105.38	3,214.28	13.58	2,012.77	-63.719	-2,546.98	-739.58	2,461.39	443.52	2,017.88	1.220	Level 2	
3,300.00	3,263.25	3,154.35	3,263.25	13.84	2,047.05	-63.927	-2,546.98	-739.58	2,456.86	404.47	2,052.39	1.197	Level 2	
3,350.00	3,312.22	3,203.32	3,312.22	14.11	2,081.33	-64.135	-2,546.98	-739.58	2,452.37	365.45	2,086.91	1.175	Level 2	
3,400.00	3,361.19	3,252.29	3,361.19	14.37	2,115.60	-64.344	-2,546.98	-739.58	2,447.90	326.46	2,121.44	1.154	Level 2	
3,450.00	3,410.16	3,301.26	3,410.16	14.63	2,149.88	-64.554	-2,546.98	-739.58	2,443.47	287.50	2,155.97	1.133	Level 2	
3,500.00	3,459.13	3,350.23	3,459.13	14.90	2,184.16	-64.765	-2,546.98	-739.58	2,439.07	248.57	2,190.50	1.113	Level 2	
3,550.00	3,508.10	3,399.20	3,508.10	15.16	2,218.44	-64.976	-2,546.98	-739.58	2,434.71	209.67	2,225.04	1.094	Level 2	
3,600.00	3,557.07	3,448.17	3,557.07	15.43	2,252.72	-65.188	-2,546.98	-739.58	2,430.38	170.80	2,259.58	1.076	Level 2	
3,650.00	3,606.04	3,497.14	3,606.04	15.69	2,287.00	-65.401	-2,546.98	-739.58	2,426.09	131.96	2,294.13	1.058	Level 2	
3,700.00	3,655.01	3,546.11	3,655.01	15.96	2,321.28	-65.615	-2,546.98	-739.58	2,421.83	93.15	2,328.68	1.040	Level 2	
3,750.00	3,703.98	3,595.08	3,703.98	16.22	2,355.55	-65.829	-2,546.98	-739.58	2,417.60	54.37	2,363.23	1.023	Level 2	
3,800.00	3,752.95	3,644.05	3,752.95	16.49	2,389.83	-66.044	-2,546.98	-739.58	2,413.41	15.62	2,397.79	1.007	Level 2	
3,850.00	3,801.92	3,693.02	3,801.92	16.75	2,424.11	-66.260	-2,546.98	-739.58	2,409.26	-23.10	2,432.35	0.991	Level 1	
3,900.00	3,850.88	3,741.98	3,850.88	17.02	2,458.39	-66.476	-2,546.98	-739.58	2,405.14	-61.78	2,466.92	0.975	Level 1	
3,950.00	3,899.85	3,790.95	3,899.85	17.29	2,492.67	-66.693	-2,546.98	-739.58	2,401.05	-100.44	2,501.49	0.960	Level 1	
4,000.00	3,948.82	3,839.92	3,948.82	17.55	2,526.95	-66.911	-2,546.98	-739.58	2,397.00	-139.06	2,536.06	0.945	Level 1	
4,050.00	3,997.79	3,888.89	3,997.79	17.82	2,561.22	-67.130	-2,546.98	-739.58	2,392.99	-177.65	2,570.64	0.931	Level 1	
4,100.00	4,046.76	3,937.86	4,046.76	18.08	2,595.50	-67.349	-2,546.98	-739.58	2,389.01	-216.21	2,605.22	0.917	Level 1	
4,150.00	4,095.73	3,986.83	4,095.73	18.35	2,629.78	-67.569	-2,546.98	-739.58	2,385.07	-254.74	2,639.81	0.904	Level 1	
4,200.00	4,144.70	4,035.80	4,144.70	18.62	2,664.06	-67.790	-2,546.98	-739.58	2,381.17	-293.23	2,674.40	0.890	Level 1	
4,250.00	4,193.67	4,084.77	4,193.67	18.89	2,698.34	-68.011	-2,546.98	-739.58	2,377.30	-331.69	2,708.99	0.878	Level 1	
4,300.00	4,242.64	4,133.74	4,242.64	19.15	2,732.62	-68.233	-2,546.98	-739.58	2,373.47	-370.12	2,743.59	0.865	Level 1	
4,350.00	4,291.61	4,182.71	4,291.61	19.42	2,766.89	-68.456	-2,546.98	-739.58	2,369.67	-408.52	2,778.19	0.853	Level 1	
4,400.00	4,340.58	4,231.68	4,340.58	19.69	2,801.17	-68.679	-2,546.98	-739.58	2,365.91	-446.88	2,812.79	0.841	Level 1	
4,450.00	4,389.55	4,280.65	4,389.55	19.96	2,835.45	-68.904	-2,546.98	-739.58	2,362.19	-485.20	2,847.40	0.830	Level 1	
4,500.00	4,438.51	4,329.61	4,438.51	20.22	2,869.73	-69.128	-2,546.98	-739.58	2,358.51	-523.50	2,882.01	0.818	Level 1	
4,550.00	4,487.48	4,378.58	4,487.48	20.49	2,904.01	-69.354	-2,546.98	-739.58	2,354.87	-561.76	2,916.62	0.807	Level 1	
4,600.00	4,536.45	4,427.55	4,536.45	20.76	2,938.29	-69.580	-2,546.98	-739.58	2,351.26	-599.98	2,951.24	0.797	Level 1	
4,650.00	4,585.42	4,476.52	4,585.42	21.03	2,972.57	-69.807	-2,546.98	-739.58	2,347.69	-638.17	2,985.86	0.786	Level 1	
4,700.00	4,634.39	4,525.49	4,634.39	21.30	3,006.84	-70.034	-2,546.98	-739.58	2,344.16	-676.32	3,020.48	0.776	Level 1	
4,750.00	4,683.36	4,574.46	4,683.36	21.57	3,041.12	-70.262	-2,546.98	-739.58	2,340.66	-714.44	3,055.11	0.766	Level 1	
4,800.00	4,732.33	4,623.43	4,732.33	21.83	3,075.40	-70.491	-2,546.98	-739.58	2,337.21	-752.53	3,089.73	0.756	Level 1	
4,850.00	4,781.30	4,672.40	4,781.30	22.10	3,109.68	-70.721	-2,546.98	-739.58	2,333.79	-790.57	3,124.36	0.747	Level 1	
4,900.00	4,830.27	4,721.37	4,830.27	22.37	3,143.96	-70.951	-2,546.98	-739.58	2,330.41	-828.59	3,159.00	0.738	Level 1	
4,950.00	4,879.24	4,770.34	4,879.24	22.64	3,178.24	-71.182	-2,546.98	-739.58	2,327.07	-866.56	3,193.63	0.729	Level 1	
5,000.00	4,928.21	4,819.31	4,928.21	22.91	3,212.51	-71.413	-2,546.98	-739.58	2,323.77	-904.50	3,228.27	0.720	Level 1	
5,050.00	4,977.18	4,868.28	4,977.18	23.18	3,246.79	-71.645	-2,546.98	-739.58	2,320.51	-942.40	3,262.91	0.711	Level 1	
5,100.00	5,026.14	4,917.24	5,026.14	23.45	3,281.07	-71.878	-2,546.98	-739.58	2,317.29	-980.27	3,297.56	0.703	Level 1	
5,150.00	5,075.11	4,966.21	5,075.11	23.72	3,315.35	-72.111	-2,546.98	-739.58	2,314.11	-1,018.09	3,332.20	0.694	Level 1	
5,200.00	5,124.08	5,015.18	5,124.08	23.98	3,349.63	-72.345	-2,546.98	-739.58	2,310.97	-1,055.88	3,366.85	0.686	Level 1	
5,250.00	5,173.05	5,064.15	5,173.05	24.25	3,383.91	-72.579	-2,546.98	-739.58	2,307.87	-1,093.64	3,401.50	0.678	Level 1	
5,300.00	5,222.02	5,113.12	5,222.02	24.52	3,418.19	-72.814	-2,546.98	-739.58	2,304.81	-1,131.35	3,436.16	0.671	Level 1	
5,350.00	5,270.99	5,162.09	5,270.99	24.79	3,452.46	-73.050	-2,546.98	-739.58	2,301.78	-1,169.03	3,470.81	0.663	Level 1	
5,400.00	5,319.96	5,211.06	5,319.96	25.06	3,486.74	-73.286	-2,546.98	-739.58	2,298.80	-1,206.66	3,505.47	0.656	Level 1	
5,450.00	5,368.93	5,260.03	5,368.93	25.33	3,521.02	-73.523	-2,546.98	-739.58	2,295.86	-1,244.26	3,540.13	0.649	Level 1	
5,500.00	5,417.90	5,309.00	5,417.90	25.60	3,555.30	-73.760	-2,546.98	-739.58	2,292.96	-1,281.82	3,574.79	0.641	Level 1	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-29 - OFFSET: COLOROW UNIT #1 - Wellbore #1 - Wellbore #1													Offset Site Error:	0.00 usft
Survey Program: 300-BLIND													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance			Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
5,550.00	5,466.87	5,357.97	5,466.87	25.87	3,589.58	-73.998	-2,546.98	-739.58	2,290.10	-1,319.34	3,609.45	0.634	Level 1	
5,600.00	5,515.84	5,406.94	5,515.84	26.14	3,623.86	-74.237	-2,546.98	-739.58	2,287.29	-1,356.82	3,644.11	0.628	Level 1	
5,650.00	5,564.81	5,455.91	5,564.81	26.41	3,658.13	-74.476	-2,546.98	-739.58	2,284.51	-1,394.27	3,678.78	0.621	Level 1	
5,700.00	5,613.78	5,504.88	5,613.78	26.68	3,692.41	-74.716	-2,546.98	-739.58	2,281.77	-1,431.67	3,713.44	0.614	Level 1	
5,750.00	5,662.74	5,553.84	5,662.74	26.95	3,726.69	-74.956	-2,546.98	-739.58	2,279.08	-1,469.03	3,748.11	0.608	Level 1	
5,800.00	5,711.71	5,602.81	5,711.71	27.22	3,760.97	-75.197	-2,546.98	-739.58	2,276.43	-1,506.35	3,782.78	0.602	Level 1	
5,850.00	5,760.68	5,651.78	5,760.68	27.49	3,795.25	-75.438	-2,546.98	-739.58	2,273.82	-1,543.63	3,817.45	0.596	Level 1	
5,900.00	5,809.65	5,700.75	5,809.65	27.76	3,829.53	-75.680	-2,546.98	-739.58	2,271.25	-1,580.87	3,852.12	0.590	Level 1	
5,950.00	5,858.62	5,749.72	5,858.62	28.03	3,863.80	-75.922	-2,546.98	-739.58	2,268.72	-1,618.07	3,886.79	0.584	Level 1	
6,000.00	5,907.59	5,798.69	5,907.59	28.30	3,898.08	-76.165	-2,546.98	-739.58	2,266.24	-1,655.22	3,921.46	0.578	Level 1	
6,050.00	5,956.56	5,847.66	5,956.56	28.57	3,932.36	-76.409	-2,546.98	-739.58	2,263.80	-1,692.34	3,956.14	0.572	Level 1	
6,100.00	6,005.53	5,896.63	6,005.53	28.84	3,966.64	-76.652	-2,546.98	-739.58	2,261.40	-1,729.41	3,990.81	0.567	Level 1	
6,150.00	6,054.50	5,945.60	6,054.50	29.11	4,000.92	-76.897	-2,546.98	-739.58	2,259.04	-1,766.44	4,025.48	0.561	Level 1	
6,200.00	6,103.47	5,994.57	6,103.47	29.38	4,035.20	-77.142	-2,546.98	-739.58	2,256.73	-1,803.43	4,060.16	0.556	Level 1	
6,250.00	6,152.44	6,043.54	6,152.44	29.65	4,069.48	-77.387	-2,546.98	-739.58	2,254.46	-1,840.38	4,094.83	0.551	Level 1	
6,300.00	6,201.41	6,092.51	6,201.41	29.92	4,103.75	-77.633	-2,546.98	-739.58	2,252.23	-1,877.28	4,129.51	0.545	Level 1	
6,350.00	6,250.37	6,141.47	6,250.37	30.19	4,138.03	-77.879	-2,546.98	-739.58	2,250.04	-1,914.14	4,164.18	0.540	Level 1	
6,400.00	6,299.34	6,190.44	6,299.34	30.46	4,172.31	-78.126	-2,546.98	-739.58	2,247.90	-1,950.96	4,198.86	0.535	Level 1	
6,450.00	6,348.31	6,239.41	6,348.31	30.73	4,206.59	-78.373	-2,546.98	-739.58	2,245.80	-1,987.73	4,233.54	0.530	Level 1	
6,500.00	6,397.28	6,288.38	6,397.28	31.00	4,240.87	-78.621	-2,546.98	-739.58	2,243.75	-2,024.46	4,268.21	0.526	Level 1	
6,550.00	6,446.25	6,337.35	6,446.25	31.28	4,275.15	-78.869	-2,546.98	-739.58	2,241.74	-2,061.15	4,302.89	0.521	Level 1	
6,600.00	6,495.22	6,386.32	6,495.22	31.55	4,309.42	-79.117	-2,546.98	-739.58	2,239.77	-2,097.79	4,337.56	0.516	Level 1	
6,650.00	6,544.19	6,435.29	6,544.19	31.82	4,343.70	-79.366	-2,546.98	-739.58	2,237.84	-2,134.39	4,372.23	0.512	Level 1	
6,700.00	6,593.16	6,484.26	6,593.16	32.09	4,377.98	-79.615	-2,546.98	-739.58	2,235.97	-2,170.94	4,406.91	0.507	Level 1	
6,750.00	6,642.13	6,533.23	6,642.13	32.36	4,412.26	-79.865	-2,546.98	-739.58	2,234.13	-2,207.45	4,441.58	0.503	Level 1	
6,800.00	6,691.10	6,582.20	6,691.10	32.63	4,446.54	-80.115	-2,546.98	-739.58	2,232.34	-2,243.91	4,476.25	0.499	Level 1	
6,850.00	6,740.07	6,631.17	6,740.07	32.90	4,480.82	-80.366	-2,546.98	-739.58	2,230.59	-2,280.33	4,510.92	0.494	Level 1	
6,900.00	6,789.04	6,680.14	6,789.04	33.17	4,515.10	-80.617	-2,546.98	-739.58	2,228.89	-2,316.70	4,545.59	0.490	Level 1	
6,950.00	6,838.01	6,729.11	6,838.01	33.44	4,549.37	-80.868	-2,546.98	-739.58	2,227.23	-2,353.03	4,580.26	0.486	Level 1	
7,000.00	6,886.97	6,778.07	6,886.97	33.71	4,583.65	-81.119	-2,546.98	-739.58	2,225.62	-2,389.31	4,614.93	0.482	Level 1	
7,050.00	6,935.94	6,827.04	6,935.94	33.98	4,617.93	-81.371	-2,546.98	-739.58	2,224.05	-2,425.55	4,649.59	0.478	Level 1	
7,100.00	6,984.91	6,876.01	6,984.91	34.25	4,652.21	-81.624	-2,546.98	-739.58	2,222.52	-2,461.73	4,684.26	0.474	Level 1	
7,150.00	7,033.88	6,924.98	7,033.88	34.52	4,686.49	-81.876	-2,546.98	-739.58	2,221.04	-2,497.88	4,718.92	0.471	Level 1	
7,200.00	7,082.85	6,973.95	7,082.85	34.79	4,720.77	-82.129	-2,546.98	-739.58	2,219.61	-2,533.97	4,753.58	0.467	Level 1	
7,250.00	7,131.82	7,022.92	7,131.82	35.07	4,755.04	-82.382	-2,546.98	-739.58	2,218.22	-2,570.02	4,788.24	0.463	Level 1	
7,300.00	7,180.79	7,071.89	7,180.79	35.34	4,789.32	-82.636	-2,546.98	-739.58	2,216.88	-2,606.02	4,822.90	0.460	Level 1	
7,350.00	7,229.76	7,120.86	7,229.76	35.61	4,823.60	-82.889	-2,546.98	-739.58	2,215.58	-2,641.97	4,857.55	0.456	Level 1	
7,400.00	7,278.73	7,169.83	7,278.73	35.88	4,857.88	-83.144	-2,546.98	-739.58	2,214.32	-2,677.88	4,892.20	0.453	Level 1	
7,450.00	7,327.70	7,218.80	7,327.70	36.15	4,892.16	-83.398	-2,546.98	-739.58	2,213.12	-2,713.74	4,926.85	0.449	Level 1	
7,500.00	7,376.67	7,267.77	7,376.67	36.42	4,926.44	-83.652	-2,546.98	-739.58	2,211.95	-2,749.55	4,961.50	0.446	Level 1	
7,550.00	7,425.64	7,316.74	7,425.64	36.69	4,960.71	-83.907	-2,546.98	-739.58	2,210.84	-2,785.31	4,996.15	0.443	Level 1	
7,600.00	7,474.60	7,365.70	7,474.60	36.96	4,994.99	-84.162	-2,546.98	-739.58	2,209.77	-2,821.03	5,030.79	0.439	Level 1	
7,650.00	7,523.57	7,414.67	7,523.57	37.23	5,029.27	-84.418	-2,546.98	-739.58	2,208.74	-2,856.69	5,065.43	0.436	Level 1	
7,700.00	7,572.54	7,463.64	7,572.54	37.51	5,063.55	-84.673	-2,546.98	-739.58	2,207.76	-2,892.31	5,100.07	0.433	Level 1	
7,750.00	7,621.51	7,512.61	7,621.51	37.78	5,097.83	-84.929	-2,546.98	-739.58	2,206.82	-2,927.88	5,134.70	0.430	Level 1	
7,800.00	7,670.48	7,561.58	7,670.48	38.05	5,132.11	-85.185	-2,546.98	-739.58	2,205.94	-2,963.40	5,169.33	0.427	Level 1	
7,850.00	7,719.45	7,610.55	7,719.45	38.32	5,166.39	-85.441	-2,546.98	-739.58	2,205.09	-2,998.87	5,203.96	0.424	Level 1	
7,900.00	7,768.42	7,659.52	7,768.42	38.59	5,200.66	-85.698	-2,546.98	-739.58	2,204.30	-3,034.29	5,238.59	0.421	Level 1	
7,950.00	7,817.39	7,708.49	7,817.39	38.86	5,234.94	-85.954	-2,546.98	-739.58	2,203.55	-3,069.66	5,273.21	0.418	Level 1	
8,000.00	7,866.36	7,757.46	7,866.36	39.13	5,269.22	-86.211	-2,546.98	-739.58	2,202.84	-3,104.98	5,307.82	0.415	Level 1	
8,050.00	7,915.33	7,806.43	7,915.33	39.40	5,303.50	-86.468	-2,546.98	-739.58	2,202.18	-3,140.26	5,342.44	0.412	Level 1	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-29 - OFFSET: COLOROW UNIT #1 - Wellbore #1 - Wellbore #1														Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
8,100.00	7,964.30	7,855.40	7,964.30	39.68	5,337.78	-86.725	-2,546.98	-739.58	2,201.57	-3,175.48	5,377.05	0.409	Level 1		
8,150.00	8,013.27	7,904.37	8,013.27	39.95	5,372.06	-86.982	-2,546.98	-739.58	2,201.01	-3,210.65	5,411.66	0.407	Level 1		
8,200.00	8,062.23	7,953.33	8,062.23	40.22	5,406.33	-87.239	-2,546.98	-739.58	2,200.49	-3,245.77	5,446.26	0.404	Level 1		
8,250.00	8,111.20	8,002.30	8,111.20	40.49	5,440.61	-87.496	-2,546.98	-739.58	2,200.01	-3,280.85	5,480.86	0.401	Level 1		
8,300.00	8,160.17	8,051.27	8,160.17	40.76	5,474.89	-87.754	-2,546.98	-739.58	2,199.58	-3,315.87	5,515.45	0.399	Level 1		
8,350.00	8,209.14	8,100.24	8,209.14	41.03	5,509.17	-88.011	-2,546.98	-739.58	2,199.20	-3,350.84	5,550.04	0.396	Level 1		
8,400.00	8,258.11	8,149.21	8,258.11	41.30	5,543.45	-88.269	-2,546.98	-739.58	2,198.87	-3,385.76	5,584.63	0.394	Level 1		
8,450.00	8,307.08	8,198.18	8,307.08	41.57	5,577.73	-88.526	-2,546.98	-739.58	2,198.58	-3,420.63	5,619.21	0.391	Level 1		
8,500.00	8,356.05	8,247.15	8,356.05	41.85	5,612.00	-88.784	-2,546.98	-739.58	2,198.34	-3,455.45	5,653.79	0.389	Level 1		
8,550.00	8,405.02	8,296.12	8,405.02	42.12	5,646.28	-89.042	-2,546.98	-739.58	2,198.14	-3,490.22	5,688.36	0.386	Level 1		
8,600.00	8,453.99	8,345.09	8,453.99	42.39	5,680.56	-89.300	-2,546.98	-739.58	2,197.99	-3,524.93	5,722.93	0.384	Level 1		
8,650.00	8,502.96	8,394.06	8,502.96	42.66	5,714.84	-89.558	-2,546.98	-739.58	2,197.89	-3,559.60	5,757.49	0.382	Level 1		
8,700.00	8,551.93	8,443.03	8,551.93	42.93	5,749.12	-89.816	-2,546.98	-739.58	2,197.83	-3,594.21	5,792.05	0.379	Level 1		
8,735.76	8,586.95	8,478.05	8,586.95	43.13	5,773.63	-90.000	-2,546.98	-739.58	2,197.82	-3,618.94	5,816.76	0.378	Level 1		
8,750.00	8,600.90	8,492.00	8,600.90	43.20	5,783.40	-90.073	-2,546.98	-739.58	2,197.82	-3,628.77	5,826.60	0.377	Level 1		
8,800.00	8,649.87	8,540.97	8,649.87	43.47	5,817.68	-90.331	-2,546.98	-739.58	2,197.86	-3,663.28	5,861.15	0.375	Level 1		
8,850.00	8,698.83	8,589.93	8,698.83	43.75	5,851.95	-90.589	-2,546.98	-739.58	2,197.94	-3,697.74	5,895.69	0.373	Level 1		
8,900.00	8,747.80	8,638.90	8,747.80	44.02	5,886.23	-90.847	-2,546.98	-739.58	2,198.07	-3,732.15	5,930.22	0.371	Level 1		
8,950.00	8,796.77	8,687.87	8,796.77	44.29	5,920.51	-91.105	-2,546.98	-739.58	2,198.25	-3,766.51	5,964.76	0.369	Level 1		
9,000.00	8,845.74	8,736.84	8,845.74	44.56	5,954.79	-91.363	-2,546.98	-739.58	2,198.47	-3,800.81	5,999.28	0.366	Level 1		
9,050.00	8,894.71	8,785.81	8,894.71	44.83	5,989.07	-91.620	-2,546.98	-739.58	2,198.74	-3,835.06	6,033.80	0.364	Level 1		
9,100.00	8,943.68	8,834.78	8,943.68	45.10	6,023.35	-91.878	-2,546.98	-739.58	2,199.05	-3,869.26	6,068.32	0.362	Level 1		
9,150.00	8,992.65	8,883.75	8,992.65	45.38	6,057.62	-92.136	-2,546.98	-739.58	2,199.41	-3,903.41	6,102.83	0.360	Level 1		
9,200.00	9,041.62	8,932.72	9,041.62	45.65	6,091.90	-92.393	-2,546.98	-739.58	2,199.82	-3,937.51	6,137.33	0.358	Level 1		
9,250.00	9,090.59	8,981.69	9,090.59	45.92	6,126.18	-92.650	-2,546.98	-739.58	2,200.28	-3,971.55	6,171.83	0.357	Level 1		
9,300.00	9,139.56	9,030.66	9,139.56	46.19	6,160.46	-92.908	-2,546.98	-739.58	2,200.78	-4,005.54	6,206.32	0.355	Level 1		
9,350.00	9,188.53	9,079.63	9,188.53	46.46	6,194.74	-93.165	-2,546.98	-739.58	2,201.32	-4,039.48	6,240.80	0.353	Level 1		
9,400.00	9,237.50	9,128.60	9,237.50	46.73	6,229.02	-93.422	-2,546.98	-739.58	2,201.91	-4,073.37	6,275.28	0.351	Level 1		
9,450.00	9,286.46	9,177.56	9,286.46	47.01	6,263.30	-93.679	-2,546.98	-739.58	2,202.55	-4,107.20	6,309.75	0.349	Level 1		
9,500.00	9,335.43	9,226.53	9,335.43	47.28	6,297.57	-93.935	-2,546.98	-739.58	2,203.24	-4,140.98	6,344.22	0.347	Level 1		
9,550.00	9,384.40	9,275.50	9,384.40	47.55	6,331.85	-94.192	-2,546.98	-739.58	2,203.97	-4,174.71	6,378.68	0.346	Level 1		
9,600.00	9,433.37	9,324.47	9,433.37	47.82	6,366.13	-94.448	-2,546.98	-739.58	2,204.75	-4,208.39	6,413.13	0.344	Level 1		
9,650.00	9,482.34	9,373.44	9,482.34	48.09	6,400.41	-94.705	-2,546.98	-739.58	2,205.57	-4,242.01	6,447.58	0.342	Level 1		
9,700.00	9,531.31	9,422.41	9,531.31	48.36	6,434.69	-94.961	-2,546.98	-739.58	2,206.44	-4,275.58	6,482.02	0.340	Level 1		
9,750.00	9,580.28	9,471.38	9,580.28	48.64	6,468.97	-95.217	-2,546.98	-739.58	2,207.35	-4,309.10	6,516.45	0.339	Level 1		
9,800.00	9,629.25	9,520.35	9,629.25	48.91	6,503.24	-95.472	-2,546.98	-739.58	2,208.31	-4,342.57	6,550.88	0.337	Level 1		
9,850.00	9,678.22	9,569.32	9,678.22	49.18	6,537.52	-95.728	-2,546.98	-739.58	2,209.32	-4,375.98	6,585.30	0.335	Level 1		
9,900.00	9,727.19	9,618.29	9,727.19	49.45	6,571.80	-95.983	-2,546.98	-739.58	2,210.37	-4,409.34	6,619.71	0.334	Level 1		
9,950.00	9,776.16	9,667.26	9,776.16	49.72	6,606.08	-96.238	-2,546.98	-739.58	2,211.47	-4,442.65	6,654.12	0.332	Level 1		
10,000.00	9,825.13	9,716.23	9,825.13	49.99	6,640.36	-96.493	-2,546.98	-739.58	2,212.61	-4,475.91	6,688.52	0.331	Level 1		
10,050.00	9,874.09	9,765.19	9,874.09	50.27	6,674.64	-96.747	-2,546.98	-739.58	2,213.80	-4,509.11	6,722.91	0.329	Level 1		
10,100.00	9,923.06	9,814.16	9,923.06	50.54	6,708.91	-97.001	-2,546.98	-739.58	2,215.03	-4,542.27	6,757.30	0.328	Level 1		
10,150.00	9,972.03	9,863.13	9,972.03	50.81	6,743.19	-97.255	-2,546.98	-739.58	2,216.31	-4,575.36	6,791.68	0.326	Level 1		
10,200.00	10,021.00	9,912.10	10,021.00	51.08	6,777.47	-97.509	-2,546.98	-739.58	2,217.64	-4,608.41	6,826.05	0.325	Level 1		
10,250.00	10,069.97	9,961.07	10,069.97	51.35	6,811.75	-97.762	-2,546.98	-739.58	2,219.01	-4,641.41	6,860.41	0.323	Level 1		
10,300.00	10,118.94	10,010.04	10,118.94	51.62	6,846.03	-98.015	-2,546.98	-739.58	2,220.42	-4,674.35	6,894.77	0.322	Level 1		
10,350.00	10,167.91	10,059.01	10,167.91	51.90	6,880.31	-98.268	-2,546.98	-739.58	2,221.88	-4,707.24	6,929.12	0.321	Level 1		
10,400.00	10,216.88	10,107.98	10,216.88	52.17	6,914.59	-98.520	-2,546.98	-739.58	2,223.39	-4,740.07	6,963.46	0.319	Level 1		
10,450.00	10,265.85	10,156.95	10,265.85	52.44	6,948.86	-98.772	-2,546.98	-739.58	2,224.94	-4,772.86	6,997.80	0.318	Level 1		
10,500.00	10,314.82	10,205.92	10,314.82	52.71	6,983.14	-99.024	-2,546.98	-739.58	2,226.53	-4,805.59	7,032.12	0.317	Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft	
Survey Program: 300-BLIND													Offset Well Error:	0.00 usft	
MOHEE FED 0297-17-29 - OFFSET: COLOROW UNIT #1 - Wellbore #1 - Wellbore #1															
Reference		Offset		Semi Major Axis			Distance			Separation		Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor		
10,550.00	10,363.79	10,254.89	10,363.79	52.98	7,017.42	-99.275	-2,546.98	-739.58	2,228.17	-4,838.27	7,066.44	0.315	Level 1		
10,600.00	10,412.76	10,303.86	10,412.76	53.25	7,051.70	-99.526	-2,546.98	-739.58	2,229.85	-4,870.90	7,100.75	0.314	Level 1		
10,618.11	10,430.50	10,321.60	10,430.50	53.35	7,064.12	-99.617	-2,546.98	-739.58	2,230.47	-4,882.71	7,113.18	0.314	Level 1		
10,650.00	10,461.64	10,352.74	10,461.64	53.53	7,085.92	-87.875	-2,546.98	-739.58	2,230.88	-4,907.99	7,138.88	0.312	Level 1		
10,700.00	10,509.99	10,401.09	10,509.99	53.83	7,119.76	-75.109	-2,546.98	-739.58	2,228.77	-4,925.33	7,154.10	0.312	Level 1		
10,750.00	10,557.44	10,448.54	10,557.44	54.14	7,152.98	-67.291	-2,546.98	-739.58	2,223.34	-4,918.24	7,141.58	0.311	Level 1		
10,800.00	10,603.67	10,494.77	10,603.67	54.47	7,185.34	-62.553	-2,546.98	-739.58	2,214.67	-4,891.35	7,106.02	0.312	Level 1		
10,850.00	10,648.37	10,539.47	10,648.37	54.81	7,216.63	-59.783	-2,546.98	-739.58	2,202.88	-4,850.81	7,053.69	0.312	Level 1		
10,900.00	10,691.23	10,582.33	10,691.23	55.17	7,246.63	-58.362	-2,546.98	-739.58	2,188.09	-4,804.32	6,992.41	0.313	Level 1		
10,950.00	10,731.95	10,623.05	10,731.95	55.53	7,275.14	-57.939	-2,546.98	-739.58	2,170.47	-4,760.90	6,931.37	0.313	Level 1		
11,000.00	10,770.26	10,661.36	10,770.26	55.91	7,301.95	-58.312	-2,546.98	-739.58	2,150.20	-4,730.43	6,880.62	0.313	Level 1		
11,050.00	10,805.89	10,696.99	10,805.89	56.29	7,326.89	-59.356	-2,546.98	-739.58	2,127.47	-4,722.71	6,850.18	0.311	Level 1		
11,100.00	10,838.59	10,729.69	10,838.59	56.68	7,349.78	-60.994	-2,546.98	-739.58	2,102.52	-4,746.09	6,848.61	0.307	Level 1		
11,150.00	10,868.14	10,759.24	10,868.14	57.08	7,370.47	-63.172	-2,546.98	-739.58	2,075.58	-4,805.78	6,881.36	0.302	Level 1		
11,200.00	10,894.34	10,785.44	10,894.34	57.48	7,388.81	-65.844	-2,546.98	-739.58	2,046.89	-4,902.10	6,948.99	0.295	Level 1		
11,250.00	10,917.01	10,808.11	10,917.01	57.89	7,404.68	-68.963	-2,546.98	-739.58	2,016.73	-5,029.40	7,046.13	0.286	Level 1		
11,300.00	10,935.99	10,827.09	10,935.99	58.31	7,417.96	-72.471	-2,546.98	-739.58	1,985.36	-5,176.13	7,161.49	0.277	Level 1		
11,350.00	10,951.16	10,842.26	10,951.16	58.73	7,428.58	-76.299	-2,546.98	-739.58	1,953.05	-5,326.40	7,279.45	0.268	Level 1		
11,400.00	10,962.40	10,853.50	10,962.40	59.15	7,436.45	-80.362	-2,546.98	-739.58	1,920.07	-5,462.87	7,382.94	0.260	Level 1		
11,450.00	10,969.64	10,860.74	10,969.64	59.57	7,441.52	-84.562	-2,546.98	-739.58	1,886.69	-5,570.22	7,456.91	0.253	Level 1		
11,500.00	10,972.84	10,863.94	10,972.84	60.00	7,443.75	-88.800	-2,546.98	-739.58	1,853.18	-5,638.17	7,491.35	0.247	Level 1		
11,514.23	10,973.00	10,864.10	10,973.00	60.12	7,443.87	-90.000	-2,546.98	-739.58	1,843.65	-5,649.65	7,493.30	0.246	Level 1		
11,550.00	10,973.00	10,864.10	10,973.00	60.42	7,443.87	-90.000	-2,546.98	-739.58	1,819.74	-5,673.70	7,493.44	0.243	Level 1		
11,600.00	10,973.00	10,864.10	10,973.00	60.85	7,443.87	-90.000	-2,546.98	-739.58	1,786.41	-5,707.22	7,493.63	0.238	Level 1		
11,650.00	10,973.00	10,864.10	10,973.00	61.27	7,443.87	-90.000	-2,546.98	-739.58	1,753.22	-5,740.61	7,493.83	0.234	Level 1		
11,700.00	10,973.00	10,864.10	10,973.00	61.71	7,443.87	-90.000	-2,546.98	-739.58	1,720.17	-5,773.84	7,494.01	0.230	Level 1		
11,750.00	10,973.00	10,864.10	10,973.00	62.13	7,443.87	-90.000	-2,546.98	-739.58	1,687.29	-5,806.92	7,494.20	0.225	Level 1		
11,773.11	10,973.00	10,864.10	10,973.00	62.33	7,443.87	-90.000	-2,546.98	-739.58	1,672.15	-5,822.14	7,494.29	0.223	Level 1		
11,800.00	10,973.00	10,864.10	10,973.00	62.57	7,443.87	-90.000	-2,546.98	-739.58	1,654.68	-5,839.90	7,494.58	0.221	Level 1		
11,850.00	10,973.00	10,864.10	10,973.00	63.01	7,443.87	-90.000	-2,546.98	-739.58	1,622.90	-5,872.26	7,495.16	0.217	Level 1		
11,900.00	10,973.00	10,864.10	10,973.00	63.46	7,443.87	-90.000	-2,546.98	-739.58	1,592.04	-5,903.68	7,495.73	0.212	Level 1		
11,950.00	10,973.00	10,864.10	10,973.00	63.93	7,443.87	-90.000	-2,546.98	-739.58	1,562.18	-5,934.15	7,496.33	0.208	Level 1		
12,000.00	10,973.00	10,864.10	10,973.00	64.40	7,443.87	-90.000	-2,546.98	-739.58	1,533.37	-5,963.56	7,496.93	0.205	Level 1		
12,050.00	10,973.00	10,864.10	10,973.00	64.89	7,443.87	-90.000	-2,546.98	-739.58	1,505.67	-5,991.88	7,497.55	0.201	Level 1		
12,100.00	10,973.00	10,864.10	10,973.00	65.40	7,443.87	-90.000	-2,546.98	-739.58	1,479.13	-6,019.04	7,498.17	0.197	Level 1		
12,150.00	10,973.00	10,864.10	10,973.00	65.91	7,443.87	-90.000	-2,546.98	-739.58	1,453.84	-6,044.98	7,498.82	0.194	Level 1		
12,200.00	10,973.00	10,864.10	10,973.00	66.43	7,443.87	-90.000	-2,546.98	-739.58	1,429.85	-6,069.63	7,499.47	0.191	Level 1		
12,250.00	10,973.00	10,864.10	10,973.00	66.97	7,443.87	-90.000	-2,546.98	-739.58	1,407.22	-6,092.92	7,500.14	0.188	Level 1		
12,300.00	10,973.00	10,864.10	10,973.00	67.51	7,443.87	-90.000	-2,546.98	-739.58	1,386.03	-6,114.78	7,500.81	0.185	Level 1		
12,350.00	10,973.00	10,864.10	10,973.00	68.07	7,443.87	-90.000	-2,546.98	-739.58	1,366.34	-6,135.16	7,501.50	0.182	Level 1		
12,400.00	10,973.00	10,864.10	10,973.00	68.64	7,443.87	-90.000	-2,546.98	-739.58	1,348.22	-6,153.98	7,502.20	0.180	Level 1		
12,450.00	10,973.00	10,864.10	10,973.00	69.22	7,443.87	-90.000	-2,546.98	-739.58	1,331.73	-6,171.18	7,502.91	0.177	Level 1		
12,500.00	10,973.00	10,864.10	10,973.00	69.81	7,443.87	-90.000	-2,546.98	-739.58	1,316.93	-6,186.68	7,503.62	0.176	Level 1		
12,550.00	10,973.00	10,864.10	10,973.00	70.41	7,443.87	-90.000	-2,546.98	-739.58	1,303.89	-6,200.46	7,504.35	0.174	Level 1		
12,600.00	10,973.00	10,864.10	10,973.00	71.01	7,443.87	-90.000	-2,546.98	-739.58	1,292.65	-6,212.43	7,505.07	0.172	Level 1		
12,650.00	10,973.00	10,864.10	10,973.00	71.63	7,443.87	-90.000	-2,546.98	-739.58	1,283.26	-6,222.56	7,505.82	0.171	Level 1		
12,700.00	10,973.00	10,864.10	10,973.00	72.26	7,443.87	-90.000	-2,546.98	-739.58	1,275.76	-6,230.81	7,506.56	0.170	Level 1		
12,750.00	10,973.00	10,864.10	10,973.00	72.90	7,443.87	-90.000	-2,546.98	-739.58	1,270.18	-6,237.14	7,507.33	0.169	Level 1		
12,800.00	10,973.00	10,864.10	10,973.00	73.54	7,443.87	-90.000	-2,546.98	-739.58	1,266.56	-6,241.53	7,508.09	0.169	Level 1		
12,850.00	10,973.00	10,864.10	10,973.00	74.20	7,443.87	-90.000	-2,546.98	-739.58	1,264.90	-6,243.96	7,508.86	0.168	Level 1		
12,866.90	10,973.00	10,864.10	10,973.00	74.42	7,443.87	-90.000	-2,546.98	-739.58	1,264.79	-6,244.33	7,509.12	0.168	Level 1, CC, SF		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: COLOROW UNIT #1 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance			Separation		Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
12,900.00	10,973.00	10,864.10	10,973.00	74.86	7,443.87	-90.000	-2,546.98	-739.58	1,265.22	-6,244.41	7,509.64	0.168	Level 1, ES		
12,950.00	10,973.00	10,864.10	10,973.00	75.53	7,443.87	-90.000	-2,546.98	-739.58	1,267.52	-6,242.91	7,510.43	0.169	Level 1		
13,000.00	10,973.00	10,864.10	10,973.00	76.21	7,443.87	-90.000	-2,546.98	-739.58	1,271.78	-6,239.44	7,511.21	0.169	Level 1		
13,050.00	10,973.00	10,864.10	10,973.00	76.90	7,443.87	-90.000	-2,546.98	-739.58	1,277.98	-6,234.04	7,512.02	0.170	Level 1		
13,100.00	10,973.00	10,864.10	10,973.00	77.59	7,443.87	-90.000	-2,546.98	-739.58	1,286.09	-6,226.73	7,512.82	0.171	Level 1		
13,150.00	10,973.00	10,864.10	10,973.00	78.30	7,443.87	-90.000	-2,546.98	-739.58	1,296.09	-6,217.54	7,513.63	0.172	Level 1		
13,200.00	10,973.00	10,864.10	10,973.00	79.00	7,443.87	-90.000	-2,546.98	-739.58	1,307.92	-6,206.52	7,514.44	0.174	Level 1		
13,250.00	10,973.00	10,864.10	10,973.00	79.72	7,443.87	-90.000	-2,546.98	-739.58	1,321.54	-6,193.73	7,515.27	0.176	Level 1		
13,300.00	10,973.00	10,864.10	10,973.00	80.45	7,443.87	-90.000	-2,546.98	-739.58	1,336.89	-6,179.20	7,516.09	0.178	Level 1		
13,350.00	10,973.00	10,864.10	10,973.00	81.18	7,443.87	-90.000	-2,546.98	-739.58	1,353.91	-6,163.01	7,516.93	0.180	Level 1		
13,400.00	10,973.00	10,864.10	10,973.00	81.91	7,443.87	-90.000	-2,546.98	-739.58	1,372.55	-6,145.21	7,517.76	0.183	Level 1		
13,450.00	10,973.00	10,864.10	10,973.00	82.66	7,443.87	-90.000	-2,546.98	-739.58	1,392.73	-6,125.87	7,518.60	0.185	Level 1		
13,500.00	10,973.00	10,864.10	10,973.00	83.41	7,443.87	-90.000	-2,546.98	-739.58	1,414.39	-6,105.05	7,519.45	0.188	Level 1		
13,550.00	10,973.00	10,864.10	10,973.00	84.17	7,443.87	-90.000	-2,546.98	-739.58	1,437.47	-6,082.83	7,520.30	0.191	Level 1		
13,600.00	10,973.00	10,864.10	10,973.00	84.93	7,443.87	-90.000	-2,546.98	-739.58	1,461.89	-6,059.26	7,521.15	0.194	Level 1		
13,650.00	10,973.00	10,864.10	10,973.00	85.70	7,443.87	-90.000	-2,546.98	-739.58	1,487.60	-6,034.42	7,522.01	0.198	Level 1		
13,700.00	10,973.00	10,864.10	10,973.00	86.47	7,443.87	-90.000	-2,546.98	-739.58	1,514.51	-6,008.36	7,522.87	0.201	Level 1		
13,750.00	10,973.00	10,864.10	10,973.00	87.25	7,443.87	-90.000	-2,546.98	-739.58	1,542.58	-5,981.16	7,523.74	0.205	Level 1		
13,800.00	10,973.00	10,864.10	10,973.00	88.03	7,443.87	-90.000	-2,546.98	-739.58	1,571.74	-5,952.87	7,524.61	0.209	Level 1		
13,850.00	10,973.00	10,864.10	10,973.00	88.82	7,443.87	-90.000	-2,546.98	-739.58	1,601.93	-5,923.56	7,525.49	0.213	Level 1		
13,900.00	10,973.00	10,864.10	10,973.00	89.62	7,443.87	-90.000	-2,546.98	-739.58	1,633.09	-5,893.27	7,526.36	0.217	Level 1		
13,950.00	10,973.00	10,864.10	10,973.00	90.42	7,443.87	-90.000	-2,546.98	-739.58	1,665.17	-5,862.07	7,527.24	0.221	Level 1		
14,000.00	10,973.00	10,864.10	10,973.00	91.22	7,443.87	-90.000	-2,546.98	-739.58	1,698.12	-5,830.01	7,528.13	0.226	Level 1		
14,050.00	10,973.00	10,864.10	10,973.00	92.03	7,443.87	-90.000	-2,546.98	-739.58	1,731.88	-5,797.13	7,529.01	0.230	Level 1		
14,100.00	10,973.00	10,864.10	10,973.00	92.84	7,443.87	-90.000	-2,546.98	-739.58	1,766.42	-5,763.49	7,529.90	0.235	Level 1		
14,150.00	10,973.00	10,864.10	10,973.00	93.66	7,443.87	-90.000	-2,546.98	-739.58	1,801.68	-5,729.12	7,530.80	0.239	Level 1		
14,200.00	10,973.00	10,864.10	10,973.00	94.48	7,443.87	-90.000	-2,546.98	-739.58	1,837.62	-5,694.07	7,531.69	0.244	Level 1		
14,250.00	10,973.00	10,864.10	10,973.00	95.31	7,443.87	-90.000	-2,546.98	-739.58	1,874.21	-5,658.39	7,532.59	0.249	Level 1		
14,300.00	10,973.00	10,864.10	10,973.00	96.14	7,443.87	-90.000	-2,546.98	-739.58	1,911.40	-5,622.09	7,533.49	0.254	Level 1		
14,350.00	10,973.00	10,864.10	10,973.00	96.97	7,443.87	-90.000	-2,546.98	-739.58	1,949.17	-5,585.23	7,534.40	0.259	Level 1		
14,400.00	10,973.00	10,864.10	10,973.00	97.81	7,443.87	-90.000	-2,546.98	-739.58	1,987.48	-5,547.82	7,535.31	0.264	Level 1		
14,450.00	10,973.00	10,864.10	10,973.00	98.65	7,443.87	-90.000	-2,546.98	-739.58	2,026.30	-5,509.92	7,536.22	0.269	Level 1		
14,500.00	10,973.00	10,864.10	10,973.00	99.50	7,443.87	-90.000	-2,546.98	-739.58	2,065.60	-5,471.53	7,537.13	0.274	Level 1		
14,550.00	10,973.00	10,864.10	10,973.00	100.35	7,443.87	-90.000	-2,546.98	-739.58	2,105.35	-5,432.69	7,538.04	0.279	Level 1		
14,600.00	10,973.00	10,864.10	10,973.00	101.20	7,443.87	-90.000	-2,546.98	-739.58	2,145.54	-5,393.42	7,538.96	0.285	Level 1		
14,650.00	10,973.00	10,864.10	10,973.00	102.06	7,443.87	-90.000	-2,546.98	-739.58	2,186.12	-5,353.76	7,539.88	0.290	Level 1		
14,700.00	10,973.00	10,864.10	10,973.00	102.92	7,443.87	-90.000	-2,546.98	-739.58	2,227.09	-5,313.71	7,540.80	0.295	Level 1		
14,750.00	10,973.00	10,864.10	10,973.00	103.78	7,443.87	-90.000	-2,546.98	-739.58	2,268.43	-5,273.30	7,541.72	0.301	Level 1		
14,800.00	10,973.00	10,864.10	10,973.00	104.64	7,443.87	-90.000	-2,546.98	-739.58	2,310.10	-5,232.55	7,542.65	0.306	Level 1		
14,850.00	10,973.00	10,864.10	10,973.00	105.51	7,443.87	-90.000	-2,546.98	-739.58	2,352.10	-5,191.48	7,543.58	0.312	Level 1		
14,900.00	10,973.00	10,864.10	10,973.00	106.38	7,443.87	-90.000	-2,546.98	-739.58	2,394.41	-5,150.10	7,544.50	0.317	Level 1		
14,950.00	10,973.00	10,864.10	10,973.00	107.26	7,443.87	-90.000	-2,546.98	-739.58	2,437.00	-5,108.43	7,545.44	0.323	Level 1		
15,000.00	10,973.00	10,864.10	10,973.00	108.13	7,443.87	-90.000	-2,546.98	-739.58	2,479.88	-5,066.49	7,546.37	0.329	Level 1		
15,050.00	10,973.00	10,864.10	10,973.00	109.01	7,443.87	-90.000	-2,546.98	-739.58	2,523.02	-5,024.29	7,547.30	0.334	Level 1		
15,100.00	10,973.00	10,864.10	10,973.00	109.90	7,443.87	-90.000	-2,546.98	-739.58	2,566.40	-4,981.84	7,548.24	0.340	Level 1		
15,150.00	10,973.00	10,864.10	10,973.00	110.78	7,443.87	-90.000	-2,546.98	-739.58	2,610.02	-4,939.15	7,549.18	0.346	Level 1		
15,200.00	10,973.00	10,864.10	10,973.00	111.67	7,443.87	-90.000	-2,546.98	-739.58	2,653.87	-4,896.25	7,550.12	0.352	Level 1		
15,250.00	10,973.00	10,864.10	10,973.00	112.56	7,443.87	-90.000	-2,546.98	-739.58	2,697.93	-4,853.13	7,551.06	0.357	Level 1		
15,300.00	10,973.00	10,864.10	10,973.00	113.45	7,443.87	-90.000	-2,546.98	-739.58	2,742.20	-4,809.80	7,552.00	0.363	Level 1		
15,350.00	10,973.00	10,864.10	10,973.00	114.35	7,443.87	-90.000	-2,546.98	-739.58	2,786.66	-4,766.29	7,552.95	0.369	Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: COLOROW UNIT #1 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
15,400.00	10,973.00	10,864.10	10,973.00	115.24	7,443.87	-90.000	-2,546.98	-739.58	2,831.30	-4,722.59	7,553.89	0.375	Level 1		
15,450.00	10,973.00	10,864.10	10,973.00	116.14	7,443.87	-90.000	-2,546.98	-739.58	2,876.12	-4,678.72	7,554.84	0.381	Level 1		
15,500.00	10,973.00	10,864.10	10,973.00	117.05	7,443.87	-90.000	-2,546.98	-739.58	2,921.11	-4,634.68	7,555.79	0.387	Level 1		
15,550.00	10,973.00	10,864.10	10,973.00	117.95	7,443.87	-90.000	-2,546.98	-739.58	2,966.26	-4,590.48	7,556.74	0.393	Level 1		
15,600.00	10,973.00	10,864.10	10,973.00	118.85	7,443.87	-90.000	-2,546.98	-739.58	3,011.56	-4,546.13	7,557.69	0.398	Level 1		
15,650.00	10,973.00	10,864.10	10,973.00	119.76	7,443.87	-90.000	-2,546.98	-739.58	3,057.01	-4,501.63	7,558.64	0.404	Level 1		
15,700.00	10,973.00	10,864.10	10,973.00	120.67	7,443.87	-90.000	-2,546.98	-739.58	3,102.60	-4,457.00	7,559.60	0.410	Level 1		
15,750.00	10,973.00	10,864.10	10,973.00	121.58	7,443.87	-90.000	-2,546.98	-739.58	3,148.32	-4,412.23	7,560.55	0.416	Level 1		
15,800.00	10,973.00	10,864.10	10,973.00	122.50	7,443.87	-90.000	-2,546.98	-739.58	3,194.18	-4,367.33	7,561.51	0.422	Level 1		
15,850.00	10,973.00	10,864.10	10,973.00	123.41	7,443.87	-90.000	-2,546.98	-739.58	3,240.15	-4,322.32	7,562.47	0.428	Level 1		
15,900.00	10,973.00	10,864.10	10,973.00	124.33	7,443.87	-90.000	-2,546.98	-739.58	3,286.24	-4,277.18	7,563.42	0.434	Level 1		
15,950.00	10,973.00	10,864.10	10,973.00	125.25	7,443.87	-90.000	-2,546.98	-739.58	3,332.44	-4,231.94	7,564.39	0.441	Level 1		
16,000.00	10,973.00	10,864.10	10,973.00	126.17	7,443.87	-90.000	-2,546.98	-739.58	3,378.76	-4,186.59	7,565.35	0.447	Level 1		
16,050.00	10,973.00	10,864.10	10,973.00	127.09	7,443.87	-90.000	-2,546.98	-739.58	3,425.17	-4,141.14	7,566.31	0.453	Level 1		
16,100.00	10,973.00	10,864.10	10,973.00	128.02	7,443.87	-90.000	-2,546.98	-739.58	3,471.69	-4,095.58	7,567.27	0.459	Level 1		
16,150.00	10,973.00	10,864.10	10,973.00	128.94	7,443.87	-90.000	-2,546.98	-739.58	3,518.30	-4,049.94	7,568.24	0.465	Level 1		
16,200.00	10,973.00	10,864.10	10,973.00	129.87	7,443.87	-90.000	-2,546.98	-739.58	3,565.00	-4,004.20	7,569.20	0.471	Level 1		
16,250.00	10,973.00	10,864.10	10,973.00	130.80	7,443.87	-90.000	-2,546.98	-739.58	3,611.79	-3,958.37	7,570.17	0.477	Level 1		
16,300.00	10,973.00	10,864.10	10,973.00	131.73	7,443.87	-90.000	-2,546.98	-739.58	3,658.67	-3,912.46	7,571.13	0.483	Level 1		
16,350.00	10,973.00	10,864.10	10,973.00	132.66	7,443.87	-90.000	-2,546.98	-739.58	3,705.63	-3,866.48	7,572.10	0.489	Level 1		
16,400.00	10,973.00	10,864.10	10,973.00	133.60	7,443.87	-90.000	-2,546.98	-739.58	3,752.66	-3,820.41	7,573.07	0.496	Level 1		
16,450.00	10,973.00	10,864.10	10,973.00	134.53	7,443.87	-90.000	-2,546.98	-739.58	3,799.77	-3,774.27	7,574.04	0.502	Level 1		
16,500.00	10,973.00	10,864.10	10,973.00	135.47	7,443.87	-90.000	-2,546.98	-739.58	3,846.96	-3,728.05	7,575.01	0.508	Level 1		
16,550.00	10,973.00	10,864.10	10,973.00	136.40	7,443.87	-90.000	-2,546.98	-739.58	3,894.21	-3,681.77	7,575.98	0.514	Level 1		
16,600.00	10,973.00	10,864.10	10,973.00	137.34	7,443.87	-90.000	-2,546.98	-739.58	3,941.54	-3,635.42	7,576.95	0.520	Level 1		
16,650.00	10,973.00	10,864.10	10,973.00	138.28	7,443.87	-90.000	-2,546.98	-739.58	3,988.92	-3,589.00	7,577.93	0.526	Level 1		
16,700.00	10,973.00	10,864.10	10,973.00	139.22	7,443.87	-90.000	-2,546.98	-739.58	4,036.38	-3,542.52	7,578.90	0.533	Level 1		
16,750.00	10,973.00	10,864.10	10,973.00	140.17	7,443.87	-90.000	-2,546.98	-739.58	4,083.89	-3,495.99	7,579.88	0.539	Level 1		
16,800.00	10,973.00	10,864.10	10,973.00	141.11	7,443.87	-90.000	-2,546.98	-739.58	4,131.46	-3,449.39	7,580.85	0.545	Level 1		
16,850.00	10,973.00	10,864.10	10,973.00	142.06	7,443.87	-90.000	-2,546.98	-739.58	4,179.09	-3,402.74	7,581.83	0.551	Level 1		
16,900.00	10,973.00	10,864.10	10,973.00	143.00	7,443.87	-90.000	-2,546.98	-739.58	4,226.77	-3,356.04	7,582.80	0.557	Level 1		
16,950.00	10,973.00	10,864.10	10,973.00	143.95	7,443.87	-90.000	-2,546.98	-739.58	4,274.50	-3,309.28	7,583.78	0.564	Level 1		
17,000.00	10,973.00	10,864.10	10,973.00	144.90	7,443.87	-90.000	-2,546.98	-739.58	4,322.29	-3,262.47	7,584.76	0.570	Level 1		
17,050.00	10,973.00	10,864.10	10,973.00	145.85	7,443.87	-90.000	-2,546.98	-739.58	4,370.13	-3,215.61	7,585.74	0.576	Level 1		
17,100.00	10,973.00	10,864.10	10,973.00	146.80	7,443.87	-90.000	-2,546.98	-739.58	4,418.01	-3,168.71	7,586.72	0.582	Level 1		
17,150.00	10,973.00	10,864.10	10,973.00	147.75	7,443.87	-90.000	-2,546.98	-739.58	4,465.94	-3,121.76	7,587.70	0.589	Level 1		
17,200.00	10,973.00	10,864.10	10,973.00	148.70	7,443.87	-90.000	-2,546.98	-739.58	4,513.91	-3,074.76	7,588.68	0.595	Level 1		
17,250.00	10,973.00	10,864.10	10,973.00	149.66	7,443.87	-90.000	-2,546.98	-739.58	4,561.93	-3,027.73	7,589.66	0.601	Level 1		
17,300.00	10,973.00	10,864.10	10,973.00	150.61	7,443.87	-90.000	-2,546.98	-739.58	4,609.99	-2,980.65	7,590.64	0.607	Level 1		
17,350.00	10,973.00	10,864.10	10,973.00	151.57	7,443.87	-90.000	-2,546.98	-739.58	4,658.10	-2,933.53	7,591.63	0.614	Level 1		
17,400.00	10,973.00	10,864.10	10,973.00	152.52	7,443.87	-90.000	-2,546.98	-739.58	4,706.24	-2,886.37	7,592.61	0.620	Level 1		
17,450.00	10,973.00	10,864.10	10,973.00	153.48	7,443.87	-90.000	-2,546.98	-739.58	4,754.42	-2,839.18	7,593.59	0.626	Level 1		
17,500.00	10,973.00	10,864.10	10,973.00	154.44	7,443.87	-90.000	-2,546.98	-739.58	4,802.63	-2,791.94	7,594.58	0.632	Level 1		
17,550.00	10,973.00	10,864.10	10,973.00	155.40	7,443.87	-90.000	-2,546.98	-739.58	4,850.89	-2,744.68	7,595.56	0.639	Level 1		
17,600.00	10,973.00	10,864.10	10,973.00	156.36	7,443.87	-90.000	-2,546.98	-739.58	4,899.17	-2,697.37	7,596.55	0.645	Level 1		
17,650.00	10,973.00	10,864.10	10,973.00	157.32	7,443.87	-90.000	-2,546.98	-739.58	4,947.50	-2,650.04	7,597.53	0.651	Level 1		
17,700.00	10,973.00	10,864.10	10,973.00	158.28	7,443.87	-90.000	-2,546.98	-739.58	4,995.85	-2,602.67	7,598.52	0.657	Level 1		
17,750.00	10,973.00	10,864.10	10,973.00	159.24	7,443.87	-90.000	-2,546.98	-739.58	5,044.24	-2,555.27	7,599.51	0.664	Level 1		
17,800.00	10,973.00	10,864.10	10,973.00	160.21	7,443.87	-90.000	-2,546.98	-739.58	5,092.66	-2,507.84	7,600.50	0.670	Level 1		
17,850.00	10,973.00	10,864.10	10,973.00	161.17	7,443.87	-90.000	-2,546.98	-739.58	5,141.10	-2,460.38	7,601.48	0.676	Level 1		
17,900.00	10,973.00	10,864.10	10,973.00	162.14	7,443.87	-90.000	-2,546.98	-739.58	5,189.58	-2,412.89	7,602.47	0.683	Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design														Offset Site Error:
Survey Program: 300-BLIND														Offset Well Error:
MOHEE FED 0297-17-29 - OFFSET: COLOROW UNIT #1 - Wellbore #1 - Wellbore #1														0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
17,950.00	10,973.00	10,864.10	10,973.00	163.10	7,443.87	-90.000	-2,546.98	-739.58	5,238.09	-2,365.37	7,603.46	0.689	Level 1	
18,000.00	10,973.00	10,864.10	10,973.00	164.07	7,443.87	-90.000	-2,546.98	-739.58	5,286.62	-2,317.83	7,604.45	0.695	Level 1	
18,050.00	10,973.00	10,864.10	10,973.00	165.04	7,443.87	-90.000	-2,546.98	-739.58	5,335.18	-2,270.26	7,605.44	0.701	Level 1	
18,100.00	10,973.00	10,864.10	10,973.00	166.01	7,443.87	-90.000	-2,546.98	-739.58	5,383.77	-2,222.66	7,606.43	0.708	Level 1	
18,150.00	10,973.00	10,864.10	10,973.00	166.97	7,443.87	-90.000	-2,546.98	-739.58	5,432.39	-2,175.04	7,607.42	0.714	Level 1	
18,200.00	10,973.00	10,864.10	10,973.00	167.94	7,443.87	-90.000	-2,546.98	-739.58	5,481.02	-2,127.39	7,608.41	0.720	Level 1	
18,250.00	10,973.00	10,864.10	10,973.00	168.92	7,443.87	-90.000	-2,546.98	-739.58	5,529.69	-2,079.72	7,609.41	0.727	Level 1	
18,300.00	10,973.00	10,864.10	10,973.00	169.89	7,443.87	-90.000	-2,546.98	-739.58	5,578.37	-2,032.03	7,610.40	0.733	Level 1	
18,350.00	10,973.00	10,864.10	10,973.00	170.86	7,443.87	-90.000	-2,546.98	-739.58	5,627.08	-1,984.31	7,611.39	0.739	Level 1	
18,400.00	10,973.00	10,864.10	10,973.00	171.83	7,443.87	-90.000	-2,546.98	-739.58	5,675.81	-1,936.57	7,612.39	0.746	Level 1	
18,450.00	10,973.00	10,864.10	10,973.00	172.80	7,443.87	-90.000	-2,546.98	-739.58	5,724.57	-1,888.81	7,613.38	0.752	Level 1	
18,500.00	10,973.00	10,864.10	10,973.00	173.78	7,443.87	-90.000	-2,546.98	-739.58	5,773.34	-1,841.03	7,614.37	0.758	Level 1	
18,550.00	10,973.00	10,864.10	10,973.00	174.75	7,443.87	-90.000	-2,546.98	-739.58	5,822.14	-1,793.23	7,615.37	0.765	Level 1	
18,600.00	10,973.00	10,864.10	10,973.00	175.73	7,443.87	-90.000	-2,546.98	-739.58	5,870.95	-1,745.41	7,616.36	0.771	Level 1	
18,650.00	10,973.00	10,864.10	10,973.00	176.70	7,443.87	-90.000	-2,546.98	-739.58	5,919.79	-1,697.57	7,617.36	0.777	Level 1	
18,700.00	10,973.00	10,864.10	10,973.00	177.68	7,443.87	-90.000	-2,546.98	-739.58	5,968.64	-1,649.71	7,618.35	0.783	Level 1	
18,750.00	10,973.00	10,864.10	10,973.00	178.65	7,443.87	-90.000	-2,546.98	-739.58	6,017.52	-1,601.83	7,619.35	0.790	Level 1	
18,800.00	10,973.00	10,864.10	10,973.00	179.63	7,443.87	-90.000	-2,546.98	-739.58	6,066.41	-1,553.93	7,620.34	0.796	Level 1	
18,850.00	10,973.00	10,864.10	10,973.00	180.61	7,443.87	-90.000	-2,546.98	-739.58	6,115.32	-1,506.02	7,621.34	0.802	Level 1	
18,900.00	10,973.00	10,864.10	10,973.00	181.59	7,443.87	-90.000	-2,546.98	-739.58	6,164.25	-1,458.09	7,622.34	0.809	Level 1	
18,950.00	10,973.00	10,864.10	10,973.00	182.57	7,443.87	-90.000	-2,546.98	-739.58	6,213.19	-1,410.14	7,623.33	0.815	Level 1	
19,000.00	10,973.00	10,864.10	10,973.00	183.55	7,443.87	-90.000	-2,546.98	-739.58	6,262.15	-1,362.18	7,624.33	0.821	Level 1	
19,050.00	10,973.00	10,864.10	10,973.00	184.53	7,443.87	-90.000	-2,546.98	-739.58	6,311.13	-1,314.20	7,625.33	0.828	Level 1	
19,100.00	10,973.00	10,864.10	10,973.00	185.51	7,443.87	-90.000	-2,546.98	-739.58	6,360.13	-1,266.20	7,626.33	0.834	Level 1	
19,150.00	10,973.00	10,864.10	10,973.00	186.49	7,443.87	-90.000	-2,546.98	-739.58	6,409.13	-1,218.19	7,627.33	0.840	Level 1	
19,200.00	10,973.00	10,864.10	10,973.00	187.47	7,443.87	-90.000	-2,546.98	-739.58	6,458.16	-1,170.17	7,628.33	0.847	Level 1	
19,250.00	10,973.00	10,864.10	10,973.00	188.45	7,443.87	-90.000	-2,546.98	-739.58	6,507.20	-1,122.13	7,629.32	0.853	Level 1	
19,300.00	10,973.00	10,864.10	10,973.00	189.43	7,443.87	-90.000	-2,546.98	-739.58	6,556.25	-1,074.07	7,630.32	0.859	Level 1	
19,350.00	10,973.00	10,864.10	10,973.00	190.42	7,443.87	-90.000	-2,546.98	-739.58	6,605.32	-1,026.00	7,631.32	0.866	Level 1	
19,400.00	10,973.00	10,864.10	10,973.00	191.40	7,443.87	-90.000	-2,546.98	-739.58	6,654.40	-977.92	7,632.32	0.872	Level 1	
19,450.00	10,973.00	10,864.10	10,973.00	192.38	7,443.87	-90.000	-2,546.98	-739.58	6,703.50	-929.83	7,633.32	0.878	Level 1	
19,500.00	10,973.00	10,864.10	10,973.00	193.37	7,443.87	-90.000	-2,546.98	-739.58	6,752.61	-881.72	7,634.32	0.885	Level 1	
19,550.00	10,973.00	10,864.10	10,973.00	194.35	7,443.87	-90.000	-2,546.98	-739.58	6,801.73	-833.60	7,635.32	0.891	Level 1	
19,600.00	10,973.00	10,864.10	10,973.00	195.34	7,443.87	-90.000	-2,546.98	-739.58	6,850.86	-785.47	7,636.33	0.897	Level 1	
19,650.00	10,973.00	10,864.10	10,973.00	196.32	7,443.87	-90.000	-2,546.98	-739.58	6,900.01	-737.32	7,637.33	0.903	Level 1	
19,700.00	10,973.00	10,864.10	10,973.00	197.31	7,443.87	-90.000	-2,546.98	-739.58	6,949.17	-689.16	7,638.33	0.910	Level 1	
19,750.00	10,973.00	10,864.10	10,973.00	198.30	7,443.87	-90.000	-2,546.98	-739.58	6,998.34	-640.99	7,639.33	0.916	Level 1	
19,800.00	10,973.00	10,864.10	10,973.00	199.28	7,443.87	-90.000	-2,546.98	-739.58	7,047.52	-592.81	7,640.33	0.922	Level 1	
19,850.00	10,973.00	10,864.10	10,973.00	200.27	7,443.87	-90.000	-2,546.98	-739.58	7,096.71	-544.62	7,641.34	0.929	Level 1	
19,900.00	10,973.00	10,864.10	10,973.00	201.26	7,443.87	-90.000	-2,546.98	-739.58	7,145.92	-496.42	7,642.34	0.935	Level 1	
19,950.00	10,973.00	10,864.10	10,973.00	202.25	7,443.87	-90.000	-2,546.98	-739.58	7,195.13	-448.21	7,643.34	0.941	Level 1	
20,000.00	10,973.00	10,864.10	10,973.00	203.24	7,443.87	-90.000	-2,546.98	-739.58	7,244.36	-399.98	7,644.34	0.948	Level 1	
20,050.00	10,973.00	10,864.10	10,973.00	204.22	7,443.87	-90.000	-2,546.98	-739.58	7,293.60	-351.75	7,645.35	0.954	Level 1	
20,100.00	10,973.00	10,864.10	10,973.00	205.21	7,443.87	-90.000	-2,546.98	-739.58	7,342.85	-303.50	7,646.35	0.960	Level 1	
20,150.00	10,973.00	10,864.10	10,973.00	206.20	7,443.87	-90.000	-2,546.98	-739.58	7,392.10	-255.25	7,647.35	0.967	Level 1	
20,200.00	10,973.00	10,864.10	10,973.00	207.19	7,443.87	-90.000	-2,546.98	-739.58	7,441.37	-206.99	7,648.36	0.973	Level 1	
20,250.00	10,973.00	10,864.10	10,973.00	208.18	7,443.87	-90.000	-2,546.98	-739.58	7,490.65	-158.71	7,649.36	0.979	Level 1	
20,300.00	10,973.00	10,864.10	10,973.00	209.17	7,443.87	-90.000	-2,546.98	-739.58	7,539.94	-110.43	7,650.37	0.986	Level 1	
20,350.00	10,973.00	10,864.10	10,973.00	210.17	7,443.87	-90.000	-2,546.98	-739.58	7,589.23	-62.14	7,651.37	0.992	Level 1	
20,400.00	10,973.00	10,864.10	10,973.00	211.16	7,443.87	-90.000	-2,546.98	-739.58	7,638.54	-13.84	7,652.38	0.998	Level 1	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

<b>Offset Design</b>	MOHEE FED 0297-17-29 - OFFSET: COLOROW UNIT #1 - Wellbore #1 - Wellbore #1	<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b>	300-BLIND	<b>Offset Well Error:</b>	0.00 usft

Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance				Warning
				Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,450.00	10,973.00	10,864.10	10,973.00	212.15	7,443.87	-90.000	-2,546.98	-739.58	7,687.85	34.47	7,653.38	1.005	Level 2
20,500.00	10,973.00	10,864.10	10,973.00	213.14	7,443.87	-90.000	-2,546.98	-739.58	7,737.17	82.79	7,654.39	1.011	Level 2
20,550.00	10,973.00	10,864.10	10,973.00	214.13	7,443.87	-90.000	-2,546.98	-739.58	7,786.51	131.11	7,655.39	1.017	Level 2
20,600.00	10,973.00	10,864.10	10,973.00	215.13	7,443.87	-90.000	-2,546.98	-739.58	7,835.85	179.45	7,656.40	1.023	Level 2
20,650.00	10,973.00	10,864.10	10,973.00	216.12	7,443.87	-90.000	-2,546.98	-739.58	7,885.19	227.79	7,657.40	1.030	Level 2
20,700.00	10,973.00	10,864.10	10,973.00	217.11	7,443.87	-90.000	-2,546.98	-739.58	7,934.55	276.14	7,658.41	1.036	Level 2
20,750.00	10,973.00	10,864.10	10,973.00	218.11	7,443.87	-90.000	-2,546.98	-739.58	7,983.92	324.50	7,659.42	1.042	Level 2
20,800.00	10,973.00	10,864.10	10,973.00	219.10	7,443.87	-90.000	-2,546.98	-739.58	8,033.29	372.86	7,660.42	1.049	Level 2
20,850.00	10,973.00	10,864.10	10,973.00	220.10	7,443.87	-90.000	-2,546.98	-739.58	8,082.67	421.24	7,661.43	1.055	Level 2
20,900.00	10,973.00	10,864.10	10,973.00	221.09	7,443.87	-90.000	-2,546.98	-739.58	8,132.06	469.62	7,662.44	1.061	Level 2
20,950.00	10,973.00	10,864.10	10,973.00	222.08	7,443.87	-90.000	-2,546.98	-739.58	8,181.45	518.01	7,663.44	1.068	Level 2
21,000.00	10,973.00	10,864.10	10,973.00	223.08	7,443.87	-90.000	-2,546.98	-739.58	8,230.85	566.40	7,664.45	1.074	Level 2
21,050.00	10,973.00	10,864.10	10,973.00	224.08	7,443.87	-90.000	-2,546.98	-739.58	8,280.26	614.80	7,665.46	1.080	Level 2
21,100.00	10,973.00	10,864.10	10,973.00	225.07	7,443.87	-90.000	-2,546.98	-739.58	8,329.68	663.21	7,666.47	1.087	Level 2
21,150.00	10,973.00	10,864.10	10,973.00	226.07	7,443.87	-90.000	-2,546.98	-739.58	8,379.10	711.63	7,667.47	1.093	Level 2
21,200.00	10,973.00	10,864.10	10,973.00	227.06	7,443.87	-90.000	-2,546.98	-739.58	8,428.54	760.05	7,668.48	1.099	Level 2
21,250.00	10,973.00	10,864.10	10,973.00	228.06	7,443.87	-90.000	-2,546.98	-739.58	8,477.97	808.48	7,669.49	1.105	Level 2
21,300.00	10,973.00	10,864.10	10,973.00	229.06	7,443.87	-90.000	-2,546.98	-739.58	8,527.42	856.92	7,670.50	1.112	Level 2
21,350.00	10,973.00	10,864.10	10,973.00	230.05	7,443.87	-90.000	-2,546.98	-739.58	8,576.87	905.36	7,671.51	1.118	Level 2
21,400.00	10,973.00	10,864.10	10,973.00	231.05	7,443.87	-90.000	-2,546.98	-739.58	8,626.32	953.81	7,672.52	1.124	Level 2
21,450.00	10,973.00	10,864.10	10,973.00	232.05	7,443.87	-90.000	-2,546.98	-739.58	8,675.79	1,002.26	7,673.52	1.131	Level 2
21,500.00	10,973.00	10,864.10	10,973.00	233.05	7,443.87	-90.000	-2,546.98	-739.58	8,725.25	1,050.72	7,674.53	1.137	Level 2
21,550.00	10,973.00	10,864.10	10,973.00	234.05	7,443.87	-90.000	-2,546.98	-739.58	8,774.73	1,099.19	7,675.54	1.143	Level 2
21,600.00	10,973.00	10,864.10	10,973.00	235.04	7,443.87	-90.000	-2,546.98	-739.58	8,824.21	1,147.66	7,676.55	1.150	Level 2
21,650.00	10,973.00	10,864.10	10,973.00	236.04	7,443.87	-90.000	-2,546.98	-739.58	8,873.70	1,196.14	7,677.56	1.156	Level 2
21,700.00	10,973.00	10,864.10	10,973.00	237.04	7,443.87	-90.000	-2,546.98	-739.58	8,923.19	1,244.62	7,678.57	1.162	Level 2
21,750.00	10,973.00	10,864.10	10,973.00	238.04	7,443.87	-90.000	-2,546.98	-739.58	8,972.69	1,293.11	7,679.58	1.168	Level 2
21,800.00	10,973.00	10,864.10	10,973.00	239.04	7,443.87	-90.000	-2,546.98	-739.58	9,022.19	1,341.60	7,680.59	1.175	Level 2
21,850.00	10,973.00	10,864.10	10,973.00	240.04	7,443.87	-90.000	-2,546.98	-739.58	9,071.70	1,390.10	7,681.60	1.181	Level 2
21,900.00	10,973.00	10,864.10	10,973.00	241.04	7,443.87	-90.000	-2,546.98	-739.58	9,121.21	1,438.60	7,682.61	1.187	Level 2
21,950.00	10,973.00	10,864.10	10,973.00	242.04	7,443.87	-90.000	-2,546.98	-739.58	9,170.73	1,487.11	7,683.62	1.194	Level 2
22,000.00	10,973.00	10,864.10	10,973.00	243.04	7,443.87	-90.000	-2,546.98	-739.58	9,220.26	1,535.63	7,684.63	1.200	Level 2
22,050.00	10,973.00	10,864.10	10,973.00	244.04	7,443.87	-90.000	-2,546.98	-739.58	9,269.79	1,584.15	7,685.64	1.206	Level 2
22,100.00	10,973.00	10,864.10	10,973.00	245.04	7,443.87	-90.000	-2,546.98	-739.58	9,319.32	1,632.67	7,686.65	1.212	Level 2
22,150.00	10,973.00	10,864.10	10,973.00	246.04	7,443.87	-90.000	-2,546.98	-739.58	9,368.86	1,681.20	7,687.66	1.219	Level 2
22,200.00	10,973.00	10,864.10	10,973.00	247.05	7,443.87	-90.000	-2,546.98	-739.58	9,418.41	1,729.73	7,688.67	1.225	Level 2
22,250.00	10,973.00	10,864.10	10,973.00	248.05	7,443.87	-90.000	-2,546.98	-739.58	9,467.96	1,778.27	7,689.69	1.231	Level 2
22,300.00	10,973.00	10,864.10	10,973.00	249.05	7,443.87	-90.000	-2,546.98	-739.58	9,517.51	1,826.81	7,690.70	1.238	Level 2
22,350.00	10,973.00	10,864.10	10,973.00	250.05	7,443.87	-90.000	-2,546.98	-739.58	9,567.07	1,875.36	7,691.71	1.244	Level 2
22,400.00	10,973.00	10,864.10	10,973.00	251.05	7,443.87	-90.000	-2,546.98	-739.58	9,616.63	1,923.91	7,692.72	1.250	Level 3
22,450.00	10,973.00	10,864.10	10,973.00	252.06	7,443.87	-90.000	-2,546.98	-739.58	9,666.20	1,972.47	7,693.73	1.256	Level 3
22,500.00	10,973.00	10,864.10	10,973.00	253.06	7,443.87	-90.000	-2,546.98	-739.58	9,715.77	2,021.03	7,694.74	1.263	Level 3
22,550.00	10,973.00	10,864.10	10,973.00	254.06	7,443.87	-90.000	-2,546.98	-739.58	9,765.35	2,069.60	7,695.75	1.269	Level 3
22,600.00	10,973.00	10,864.10	10,973.00	255.06	7,443.87	-90.000	-2,546.98	-739.58	9,814.93	2,118.16	7,696.77	1.275	Level 3
22,650.00	10,973.00	10,864.10	10,973.00	256.07	7,443.87	-90.000	-2,546.98	-739.58	9,864.52	2,166.74	7,697.78	1.281	Level 3
22,700.00	10,973.00	10,864.10	10,973.00	257.07	7,443.87	-90.000	-2,546.98	-739.58	9,914.11	2,215.32	7,698.79	1.288	Level 3
22,750.00	10,973.00	10,864.10	10,973.00	258.07	7,443.87	-90.000	-2,546.98	-739.58	9,963.70	2,263.90	7,699.80	1.294	Level 3
22,800.00	10,973.00	10,864.10	10,973.00	259.08	7,443.87	-90.000	-2,546.98	-739.58	10,013.30	2,312.48	7,700.82	1.300	Level 3
22,850.00	10,973.00	10,864.10	10,973.00	260.08	7,443.87	-90.000	-2,546.98	-739.58	10,062.90	2,361.07	7,701.83	1.307	Level 3
22,900.00	10,973.00	10,864.10	10,973.00	261.08	7,443.87	-90.000	-2,546.98	-739.58	10,112.50	2,409.66	7,702.84	1.313	Level 3
22,950.00	10,973.00	10,864.10	10,973.00	262.09	7,443.87	-90.000	-2,546.98	-739.58	10,162.11	2,458.26	7,703.85	1.319	Level 3

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft	
Survey Program: 300-BLIND													Offset Well Error:	0.00 usft	
Reference															
Offset				Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
23,000.00	10,973.00	10,864.10	10,973.00	263.09	7,443.87	-90.000	-2,546.98	-739.58	10,211.73	2,506.86	7,704.87	1.325	Level 3		
23,050.00	10,973.00	10,864.10	10,973.00	264.10	7,443.87	-90.000	-2,546.98	-739.58	10,261.34	2,555.46	7,705.88	1.332	Level 3		
23,100.00	10,973.00	10,864.10	10,973.00	265.10	7,443.87	-90.000	-2,546.98	-739.58	10,310.96	2,604.07	7,706.89	1.338	Level 3		
23,150.00	10,973.00	10,864.10	10,973.00	266.11	7,443.87	-90.000	-2,546.98	-739.58	10,360.59	2,652.68	7,707.91	1.344	Level 3		
23,200.00	10,973.00	10,864.10	10,973.00	267.11	7,443.87	-90.000	-2,546.98	-739.58	10,410.22	2,701.30	7,708.92	1.350	Level 3		
23,250.00	10,973.00	10,864.10	10,973.00	268.12	7,443.87	-90.000	-2,546.98	-739.58	10,459.85	2,749.91	7,709.93	1.357	Level 3		
23,300.00	10,973.00	10,864.10	10,973.00	269.12	7,443.87	-90.000	-2,546.98	-739.58	10,509.48	2,798.54	7,710.95	1.363	Level 3		
23,350.00	10,973.00	10,864.10	10,973.00	270.13	7,443.87	-90.000	-2,546.98	-739.58	10,559.12	2,847.16	7,711.96	1.369	Level 3		
23,400.00	10,973.00	10,864.10	10,973.00	271.13	7,443.87	-90.000	-2,546.98	-739.58	10,608.76	2,895.79	7,712.97	1.375	Level 3		
23,448.12	10,973.00	10,864.10	10,973.00	272.10	7,443.87	-90.000	-2,546.98	-739.58	10,656.54	2,942.59	7,713.95	1.381	Level 3		



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design														Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
MOHEE FED 0297-17-29 - OFFSET: FEDERAL #7-29 (OWP) - Wellbore #1 - Wellbore #1															
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
850.00	850.00	933.10	850.00	2.82	548.17	-174.809	-10,578.90	-961.08	10,622.47	10,071.48	550.99	19.279			
900.00	900.00	983.10	900.00	3.00	583.17	-174.809	-10,578.90	-961.08	10,622.47	10,036.30	586.17	18.122			
950.00	950.00	1,033.10	950.00	3.18	618.17	-174.809	-10,578.90	-961.08	10,622.47	10,001.12	621.35	17.096			
1,000.00	1,000.00	1,083.10	1,000.00	3.36	653.17	-174.809	-10,578.90	-961.08	10,622.47	9,965.94	656.53	16.180			
1,050.00	1,050.00	1,133.10	1,050.00	3.53	688.17	-66.968	-10,578.90	-961.08	10,622.34	9,930.65	691.69	15.357			
1,100.00	1,099.99	1,183.09	1,099.99	3.70	723.16	-66.978	-10,578.90	-961.08	10,621.96	9,895.13	726.83	14.614			
1,150.00	1,149.96	1,233.06	1,149.96	3.87	758.14	-66.995	-10,578.90	-961.08	10,621.32	9,859.39	761.93	13.940			
1,200.00	1,199.91	1,283.01	1,199.91	4.04	793.11	-67.019	-10,578.90	-961.08	10,620.42	9,823.44	796.99	13.326			
1,250.00	1,249.82	1,332.92	1,249.82	4.22	828.05	-67.049	-10,578.90	-961.08	10,619.27	9,787.28	831.99	12.764			
1,300.00	1,299.69	1,382.79	1,299.69	4.39	862.95	-67.087	-10,578.90	-961.08	10,617.87	9,750.92	866.94	12.247			
1,350.00	1,349.51	1,432.61	1,349.51	4.57	897.83	-67.131	-10,578.90	-961.08	10,616.21	9,714.38	901.83	11.772			
1,400.00	1,399.27	1,482.37	1,399.27	4.75	932.66	-67.181	-10,578.90	-961.08	10,614.30	9,677.66	936.64	11.332			
1,450.00	1,448.96	1,532.06	1,448.96	4.93	967.44	-67.239	-10,578.90	-961.08	10,612.14	9,640.76	971.37	10.925			
1,500.00	1,498.57	1,581.67	1,498.57	5.12	1,002.17	-67.303	-10,578.90	-961.08	10,609.72	9,603.71	1,006.01	10.546			
1,550.00	1,548.10	1,631.20	1,548.10	5.31	1,036.84	-67.374	-10,578.90	-961.08	10,607.06	9,566.50	1,040.57	10.194			
1,600.00	1,597.54	1,680.64	1,597.54	5.50	1,071.44	-67.451	-10,578.90	-961.08	10,604.15	9,529.14	1,075.01	9.864			
1,650.00	1,646.87	1,729.97	1,646.87	5.71	1,105.98	-67.535	-10,578.90	-961.08	10,601.00	9,491.65	1,109.35	9.556			
1,700.00	1,696.09	1,779.19	1,696.09	5.91	1,140.43	-67.625	-10,578.90	-961.08	10,597.60	9,454.02	1,143.58	9.267			
1,750.00	1,745.19	1,828.29	1,745.19	6.13	1,174.80	-67.723	-10,578.90	-961.08	10,593.96	9,416.27	1,177.69	8.996			
1,776.96	1,771.62	1,854.72	1,771.62	6.24	1,193.30	-67.778	-10,578.90	-961.08	10,591.90	9,395.87	1,196.03	8.856			
1,800.00	1,794.18	1,877.28	1,794.18	6.35	1,209.09	-67.800	-10,578.90	-961.08	10,590.11	9,378.23	1,211.88	8.739			
1,850.00	1,843.15	1,926.25	1,843.15	6.57	1,243.37	-67.850	-10,578.90	-961.08	10,586.23	9,339.93	1,246.30	8.494			
1,900.00	1,892.12	1,975.22	1,892.12	6.80	1,277.65	-67.900	-10,578.90	-961.08	10,582.36	9,301.65	1,280.71	8.263			
1,950.00	1,941.09	2,024.19	1,941.09	7.03	1,311.93	-67.950	-10,578.90	-961.08	10,578.49	9,263.36	1,315.13	8.044			
2,000.00	1,990.06	2,073.16	1,990.06	7.26	1,346.21	-68.000	-10,578.90	-961.08	10,574.64	9,225.09	1,349.55	7.836			
2,050.00	2,039.02	2,122.12	2,039.02	7.50	1,380.49	-68.049	-10,578.90	-961.08	10,570.79	9,186.81	1,383.98	7.638			
2,100.00	2,087.99	2,171.09	2,087.99	7.74	1,414.77	-68.099	-10,578.90	-961.08	10,566.95	9,148.54	1,418.41	7.450			
2,150.00	2,136.96	2,220.06	2,136.96	7.98	1,449.04	-68.149	-10,578.90	-961.08	10,563.12	9,110.28	1,452.84	7.271			
2,200.00	2,185.93	2,269.03	2,185.93	8.22	1,483.32	-68.199	-10,578.90	-961.08	10,559.30	9,072.02	1,487.27	7.100			
2,250.00	2,234.90	2,318.00	2,234.90	8.47	1,517.60	-68.249	-10,578.90	-961.08	10,555.48	9,033.77	1,521.71	6.937			
2,300.00	2,283.87	2,366.97	2,283.87	8.71	1,551.88	-68.299	-10,578.90	-961.08	10,551.67	8,995.53	1,556.15	6.781			
2,350.00	2,332.84	2,415.94	2,332.84	8.96	1,586.16	-68.349	-10,578.90	-961.08	10,547.88	8,957.29	1,590.59	6.631			
2,400.00	2,381.81	2,464.91	2,381.81	9.21	1,620.44	-68.399	-10,578.90	-961.08	10,544.09	8,919.05	1,625.03	6.489			
2,450.00	2,430.78	2,513.88	2,430.78	9.46	1,654.71	-68.450	-10,578.90	-961.08	10,540.31	8,880.82	1,659.48	6.352			
2,500.00	2,479.75	2,562.85	2,479.75	9.71	1,688.99	-68.500	-10,578.90	-961.08	10,536.53	8,842.60	1,693.93	6.220			
2,550.00	2,528.72	2,611.82	2,528.72	9.96	1,723.27	-68.550	-10,578.90	-961.08	10,532.77	8,804.39	1,728.38	6.094			
2,600.00	2,577.69	2,660.79	2,577.69	10.22	1,757.55	-68.600	-10,578.90	-961.08	10,529.01	8,766.18	1,762.83	5.973			
2,650.00	2,626.65	2,709.75	2,626.65	10.47	1,791.83	-68.650	-10,578.90	-961.08	10,525.26	8,727.98	1,797.28	5.856			
2,700.00	2,675.62	2,758.72	2,675.62	10.73	1,826.11	-68.701	-10,578.90	-961.08	10,521.52	8,689.79	1,831.74	5.744			
2,750.00	2,724.59	2,807.69	2,724.59	10.98	1,860.39	-68.751	-10,578.90	-961.08	10,517.79	8,651.60	1,866.19	5.636			
2,800.00	2,773.56	2,856.66	2,773.56	11.24	1,894.66	-68.802	-10,578.90	-961.08	10,514.07	8,613.42	1,900.65	5.532			
2,850.00	2,822.53	2,905.63	2,822.53	11.50	1,928.94	-68.852	-10,578.90	-961.08	10,510.35	8,575.24	1,935.11	5.431			
2,900.00	2,871.50	2,954.60	2,871.50	11.76	1,963.22	-68.902	-10,578.90	-961.08	10,506.65	8,537.07	1,969.57	5.334			
2,950.00	2,920.47	3,003.57	2,920.47	12.02	1,997.50	-68.953	-10,578.90	-961.08	10,502.95	8,498.91	2,004.04	5.241			
3,000.00	2,969.44	3,052.54	2,969.44	12.28	2,031.78	-69.003	-10,578.90	-961.08	10,499.26	8,460.76	2,038.50	5.150			
3,050.00	3,018.41	3,101.51	3,018.41	12.54	2,066.06	-69.054	-10,578.90	-961.08	10,495.58	8,422.61	2,072.97	5.063			
3,100.00	3,067.38	3,150.48	3,067.38	12.80	2,100.33	-69.105	-10,578.90	-961.08	10,491.91	8,384.47	2,107.43	4.979			
3,150.00	3,116.35	3,199.45	3,116.35	13.06	2,134.61	-69.155	-10,578.90	-961.08	10,488.24	8,346.34	2,141.90	4.897			
3,200.00	3,165.32	3,248.42	3,165.32	13.32	2,168.89	-69.206	-10,578.90	-961.08	10,484.59	8,308.22	2,176.37	4.817			
3,250.00	3,214.28	3,297.38	3,214.28	13.58	2,203.17	-69.257	-10,578.90	-961.08	10,480.94	8,270.10	2,210.84	4.741			
3,300.00	3,263.25	3,346.35	3,263.25	13.84	2,237.45	-69.307	-10,578.90	-961.08	10,477.30	8,231.99	2,245.31	4.666			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-29 - OFFSET: FEDERAL #7-29 (OWP) - Wellbore #1 - Wellbore #1													Offset Site Error:	0.00 usft
Survey Program: 300-BLIND													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance		Warning					
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
3,350.00	3,312.22	3,395.32	3,312.22	14.11	2,271.73	-69.358	-10,578.90	-961.08	10,473.67	8,193.88	2,279.79	4.594		
3,400.00	3,361.19	3,444.29	3,361.19	14.37	2,306.00	-69.409	-10,578.90	-961.08	10,470.05	8,155.79	2,314.26	4.524		
3,450.00	3,410.16	3,493.26	3,410.16	14.63	2,340.28	-69.460	-10,578.90	-961.08	10,466.44	8,117.70	2,348.74	4.456		
3,500.00	3,459.13	3,542.23	3,459.13	14.90	2,374.56	-69.510	-10,578.90	-961.08	10,462.83	8,079.62	2,383.21	4.390		
3,550.00	3,508.10	3,591.20	3,508.10	15.16	2,408.84	-69.561	-10,578.90	-961.08	10,459.23	8,041.54	2,417.69	4.326		
3,600.00	3,557.07	3,640.17	3,557.07	15.43	2,443.12	-69.612	-10,578.90	-961.08	10,455.65	8,003.48	2,452.17	4.264		
3,650.00	3,606.04	3,689.14	3,606.04	15.69	2,477.40	-69.663	-10,578.90	-961.08	10,452.07	7,965.42	2,486.65	4.203		
3,700.00	3,655.01	3,738.11	3,655.01	15.96	2,511.68	-69.714	-10,578.90	-961.08	10,448.50	7,927.37	2,521.13	4.144		
3,750.00	3,703.98	3,787.08	3,703.98	16.22	2,545.95	-69.765	-10,578.90	-961.08	10,444.93	7,889.32	2,555.61	4.087		
3,800.00	3,752.95	3,836.05	3,752.95	16.49	2,580.23	-69.816	-10,578.90	-961.08	10,441.38	7,851.28	2,590.10	4.031		
3,850.00	3,801.92	3,885.02	3,801.92	16.75	2,614.51	-69.867	-10,578.90	-961.08	10,437.84	7,813.25	2,624.58	3.977		
3,900.00	3,850.88	3,933.98	3,850.88	17.02	2,648.79	-69.919	-10,578.90	-961.08	10,434.30	7,775.23	2,659.07	3.924		
3,950.00	3,899.85	3,982.95	3,899.85	17.29	2,683.07	-69.970	-10,578.90	-961.08	10,430.77	7,737.22	2,693.55	3.872		
4,000.00	3,948.82	4,031.92	3,948.82	17.55	2,717.35	-70.021	-10,578.90	-961.08	10,427.25	7,699.21	2,728.04	3.822		
4,050.00	3,997.79	4,080.89	3,997.79	17.82	2,751.62	-70.072	-10,578.90	-961.08	10,423.74	7,661.21	2,762.53	3.773		
4,100.00	4,046.76	4,129.86	4,046.76	18.08	2,785.90	-70.123	-10,578.90	-961.08	10,420.24	7,623.22	2,797.02	3.725		
4,150.00	4,095.73	4,178.83	4,095.73	18.35	2,820.18	-70.175	-10,578.90	-961.08	10,416.75	7,585.24	2,831.51	3.679		
4,200.00	4,144.70	4,227.80	4,144.70	18.62	2,854.46	-70.226	-10,578.90	-961.08	10,413.26	7,547.26	2,866.00	3.633		
4,250.00	4,193.67	4,276.77	4,193.67	18.89	2,888.74	-70.277	-10,578.90	-961.08	10,409.78	7,509.29	2,900.49	3.589		
4,300.00	4,242.64	4,325.74	4,242.64	19.15	2,923.02	-70.329	-10,578.90	-961.08	10,406.32	7,471.33	2,934.99	3.546		
4,350.00	4,291.61	4,374.71	4,291.61	19.42	2,957.29	-70.380	-10,578.90	-961.08	10,402.86	7,433.38	2,969.48	3.503		
4,400.00	4,340.58	4,423.68	4,340.58	19.69	2,991.57	-70.432	-10,578.90	-961.08	10,399.41	7,395.43	3,003.98	3.462		
4,450.00	4,389.55	4,472.65	4,389.55	19.96	3,025.85	-70.483	-10,578.90	-961.08	10,395.97	7,357.49	3,038.47	3.421		
4,500.00	4,438.52	4,521.61	4,438.52	20.22	3,060.13	-70.535	-10,578.90	-961.08	10,392.53	7,319.56	3,072.97	3.382		
4,550.00	4,487.48	4,570.58	4,487.48	20.49	3,094.41	-70.586	-10,578.90	-961.08	10,389.11	7,281.64	3,107.47	3.343		
4,600.00	4,536.45	4,619.55	4,536.45	20.76	3,128.69	-70.638	-10,578.90	-961.08	10,385.69	7,243.73	3,141.97	3.305		
4,650.00	4,585.42	4,668.52	4,585.42	21.03	3,162.97	-70.689	-10,578.90	-961.08	10,382.29	7,205.82	3,176.47	3.269		
4,700.00	4,634.39	4,717.49	4,634.39	21.30	3,197.24	-70.741	-10,578.90	-961.08	10,378.89	7,167.92	3,210.97	3.232		
4,750.00	4,683.36	4,766.46	4,683.36	21.57	3,231.52	-70.793	-10,578.90	-961.08	10,375.50	7,130.03	3,245.47	3.197		
4,800.00	4,732.33	4,815.43	4,732.33	21.83	3,265.80	-70.845	-10,578.90	-961.08	10,372.12	7,092.15	3,279.97	3.162		
4,850.00	4,781.30	4,864.40	4,781.30	22.10	3,300.08	-70.896	-10,578.90	-961.08	10,368.75	7,054.27	3,314.48	3.128		
4,900.00	4,830.27	4,913.37	4,830.27	22.37	3,334.36	-70.948	-10,578.90	-961.08	10,365.38	7,016.40	3,348.98	3.095		
4,950.00	4,879.24	4,962.34	4,879.24	22.64	3,368.64	-71.000	-10,578.90	-961.08	10,362.03	6,978.54	3,383.49	3.063		
5,000.00	4,928.21	5,011.31	4,928.21	22.91	3,402.91	-71.052	-10,578.90	-961.08	10,358.68	6,940.69	3,417.99	3.031		
5,050.00	4,977.18	5,060.28	4,977.18	23.18	3,437.19	-71.104	-10,578.90	-961.08	10,355.35	6,902.85	3,452.50	2.999		
5,100.00	5,026.14	5,109.24	5,026.14	23.45	3,471.47	-71.156	-10,578.90	-961.08	10,352.02	6,865.01	3,487.01	2.969		
5,150.00	5,075.11	5,158.21	5,075.11	23.72	3,505.75	-71.207	-10,578.90	-961.08	10,348.70	6,827.18	3,521.52	2.939		
5,200.00	5,124.08	5,207.18	5,124.08	23.98	3,540.03	-71.259	-10,578.90	-961.08	10,345.39	6,789.36	3,556.03	2.909		
5,250.00	5,173.05	5,256.15	5,173.05	24.25	3,574.31	-71.311	-10,578.90	-961.08	10,342.09	6,751.55	3,590.54	2.880		
5,300.00	5,222.02	5,305.12	5,222.02	24.52	3,608.59	-71.363	-10,578.90	-961.08	10,338.79	6,713.74	3,625.05	2.852		
5,350.00	5,270.99	5,354.09	5,270.99	24.79	3,642.86	-71.416	-10,578.90	-961.08	10,335.51	6,675.95	3,659.56	2.824		
5,400.00	5,319.96	5,403.06	5,319.96	25.06	3,677.14	-71.468	-10,578.90	-961.08	10,332.23	6,638.16	3,694.07	2.797		
5,450.00	5,368.93	5,452.03	5,368.93	25.33	3,711.42	-71.520	-10,578.90	-961.08	10,328.97	6,600.38	3,728.59	2.770		
5,500.00	5,417.90	5,501.00	5,417.90	25.60	3,745.70	-71.572	-10,578.90	-961.08	10,325.71	6,562.61	3,763.10	2.744		
5,550.00	5,466.87	5,549.97	5,466.87	25.87	3,779.98	-71.624	-10,578.90	-961.08	10,322.46	6,524.84	3,797.62	2.718		
5,600.00	5,515.84	5,598.94	5,515.84	26.14	3,814.26	-71.676	-10,578.90	-961.08	10,319.22	6,487.09	3,832.14	2.693		
5,650.00	5,564.81	5,647.91	5,564.81	26.41	3,848.53	-71.729	-10,578.90	-961.08	10,315.99	6,449.34	3,866.65	2.668		
5,700.00	5,613.78	5,696.88	5,613.78	26.68	3,882.81	-71.781	-10,578.90	-961.08	10,312.77	6,411.60	3,901.17	2.644		
5,750.00	5,662.74	5,745.84	5,662.74	26.95	3,917.09	-71.833	-10,578.90	-961.08	10,309.55	6,373.87	3,935.69	2.620		
5,800.00	5,711.71	5,794.81	5,711.71	27.22	3,951.37	-71.886	-10,578.90	-961.08	10,306.35	6,336.14	3,970.21	2.596		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

**Offset Design** MOHEE FED 0297-17-29 - OFFSET: FEDERAL #7-29 (OWP) - Wellbore #1 - Wellbore #1 Offset Site Error: 0.00 usft  
 Survey Program: 300-BLIND Offset Well Error: 0.00 usft

Measured Depth (usft)	Vertical Depth (usft)	Offset		Semi Major Axis			Offset Wellbore Centre		Distance				Warning
		Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,850.00	5,760.68	5,843.78	5,760.68	27.49	3,985.65	-71.938	-10,578.90	-961.08	10,303.16	6,298.43	4,004.73	2.573	
5,900.00	5,809.65	5,892.75	5,809.65	27.76	4,019.93	-71.990	-10,578.90	-961.08	10,299.97	6,260.72	4,039.25	2.550	
5,950.00	5,858.62	5,941.72	5,858.62	28.03	4,054.20	-72.043	-10,578.90	-961.08	10,296.79	6,223.02	4,073.77	2.528	
6,000.00	5,907.59	5,990.69	5,907.59	28.30	4,088.48	-72.095	-10,578.90	-961.08	10,293.62	6,185.33	4,108.30	2.506	
6,050.00	5,956.56	6,039.66	5,956.56	28.57	4,122.76	-72.148	-10,578.90	-961.08	10,290.46	6,147.64	4,142.82	2.484	
6,100.00	6,005.53	6,088.63	6,005.53	28.84	4,157.04	-72.200	-10,578.90	-961.08	10,287.31	6,109.97	4,177.34	2.463	
6,150.00	6,054.50	6,137.60	6,054.50	29.11	4,191.32	-72.253	-10,578.90	-961.08	10,284.17	6,072.30	4,211.87	2.442	
6,200.00	6,103.47	6,186.57	6,103.47	29.38	4,225.60	-72.306	-10,578.90	-961.08	10,281.04	6,034.64	4,246.39	2.421	
6,250.00	6,152.44	6,235.54	6,152.44	29.65	4,259.88	-72.358	-10,578.90	-961.08	10,277.91	5,996.99	4,280.92	2.401	
6,300.00	6,201.41	6,284.51	6,201.41	29.92	4,294.15	-72.411	-10,578.90	-961.08	10,274.80	5,959.35	4,315.45	2.381	
6,350.00	6,250.37	6,333.47	6,250.37	30.19	4,328.43	-72.464	-10,578.90	-961.08	10,271.69	5,921.72	4,349.98	2.361	
6,400.00	6,299.34	6,382.44	6,299.34	30.46	4,362.71	-72.516	-10,578.90	-961.08	10,268.60	5,884.09	4,384.51	2.342	
6,450.00	6,348.31	6,431.41	6,348.31	30.73	4,396.99	-72.569	-10,578.90	-961.08	10,265.51	5,846.47	4,419.04	2.323	
6,500.00	6,397.28	6,480.38	6,397.28	31.00	4,431.27	-72.622	-10,578.90	-961.08	10,262.43	5,808.86	4,453.57	2.304	
6,550.00	6,446.25	6,529.35	6,446.25	31.28	4,465.55	-72.675	-10,578.90	-961.08	10,259.36	5,771.26	4,488.10	2.286	
6,600.00	6,495.22	6,578.32	6,495.22	31.55	4,499.82	-72.728	-10,578.90	-961.08	10,256.30	5,733.67	4,522.63	2.268	
6,650.00	6,544.19	6,627.29	6,544.19	31.82	4,534.10	-72.781	-10,578.90	-961.08	10,253.25	5,696.08	4,557.16	2.250	
6,700.00	6,593.16	6,676.26	6,593.16	32.09	4,568.38	-72.833	-10,578.90	-961.08	10,250.20	5,658.51	4,591.69	2.232	
6,750.00	6,642.13	6,725.23	6,642.13	32.36	4,602.66	-72.886	-10,578.90	-961.08	10,247.17	5,620.94	4,626.23	2.215	
6,800.00	6,691.10	6,774.20	6,691.10	32.63	4,636.94	-72.939	-10,578.90	-961.08	10,244.14	5,583.38	4,660.76	2.198	
6,850.00	6,740.07	6,823.17	6,740.07	32.90	4,671.22	-72.992	-10,578.90	-961.08	10,241.13	5,545.83	4,695.30	2.181	
6,900.00	6,789.04	6,872.14	6,789.04	33.17	4,705.50	-73.045	-10,578.90	-961.08	10,238.12	5,508.29	4,729.84	2.165	
6,950.00	6,838.01	6,921.11	6,838.01	33.44	4,739.77	-73.098	-10,578.90	-961.08	10,235.13	5,470.75	4,764.37	2.148	
7,000.00	6,886.97	6,970.07	6,886.97	33.71	4,774.05	-73.152	-10,578.90	-961.08	10,232.14	5,433.23	4,798.91	2.132	
7,050.00	6,935.94	7,019.04	6,935.94	33.98	4,808.33	-73.205	-10,578.90	-961.08	10,229.16	5,395.71	4,833.45	2.116	
7,100.00	6,984.91	7,068.01	6,984.91	34.25	4,842.61	-73.258	-10,578.90	-961.08	10,226.19	5,358.20	4,867.99	2.101	
7,150.00	7,033.88	7,116.98	7,033.88	34.52	4,876.89	-73.311	-10,578.90	-961.08	10,223.23	5,320.70	4,902.53	2.085	
7,200.00	7,082.85	7,165.95	7,082.85	34.79	4,911.17	-73.364	-10,578.90	-961.08	10,220.27	5,283.21	4,937.07	2.070	
7,250.00	7,131.82	7,214.92	7,131.82	35.07	4,945.44	-73.417	-10,578.90	-961.08	10,217.33	5,245.72	4,971.61	2.055	
7,300.00	7,180.79	7,263.89	7,180.79	35.34	4,979.72	-73.471	-10,578.90	-961.08	10,214.40	5,208.25	5,006.15	2.040	
7,350.00	7,229.76	7,312.86	7,229.76	35.61	5,014.00	-73.524	-10,578.90	-961.08	10,211.47	5,170.78	5,040.69	2.026	
7,400.00	7,278.73	7,361.83	7,278.73	35.88	5,048.28	-73.577	-10,578.90	-961.08	10,208.56	5,133.32	5,075.24	2.011	
7,450.00	7,327.70	7,410.80	7,327.70	36.15	5,082.56	-73.631	-10,578.90	-961.08	10,205.65	5,095.87	5,109.78	1.997	
7,500.00	7,376.67	7,459.77	7,376.67	36.42	5,116.84	-73.684	-10,578.90	-961.08	10,202.75	5,058.43	5,144.32	1.983	
7,550.00	7,425.64	7,508.74	7,425.64	36.69	5,151.11	-73.738	-10,578.90	-961.08	10,199.87	5,021.00	5,178.87	1.970	
7,600.00	7,474.60	7,557.70	7,474.60	36.96	5,185.39	-73.791	-10,578.90	-961.08	10,196.99	4,983.57	5,213.41	1.956	
7,650.00	7,523.57	7,606.67	7,523.57	37.23	5,219.67	-73.844	-10,578.90	-961.08	10,194.12	4,946.16	5,247.96	1.942	
7,700.00	7,572.54	7,655.64	7,572.54	37.51	5,253.95	-73.898	-10,578.90	-961.08	10,191.26	4,908.75	5,282.51	1.929	
7,750.00	7,621.51	7,704.61	7,621.51	37.78	5,288.23	-73.952	-10,578.90	-961.08	10,188.41	4,871.35	5,317.06	1.916	
7,800.00	7,670.48	7,753.58	7,670.48	38.05	5,322.51	-74.005	-10,578.90	-961.08	10,185.57	4,833.96	5,351.60	1.903	
7,850.00	7,719.45	7,787.00	7,703.90	38.32	5,345.90	-74.042	-10,578.90	-961.08	10,182.75	4,807.48	5,375.27	1.894	
7,900.00	7,768.42	7,787.00	7,703.90	38.59	5,345.90	-74.042	-10,578.90	-961.08	10,180.11	4,804.58	5,375.53	1.894	
7,950.00	7,817.39	7,787.00	7,703.90	38.86	5,345.90	-74.042	-10,578.90	-961.08	10,177.73	4,801.93	5,375.80	1.893	
8,000.00	7,866.36	7,787.00	7,703.90	39.13	5,345.90	-74.042	-10,578.90	-961.08	10,175.59	4,799.52	5,376.06	1.893	
8,050.00	7,915.33	7,787.00	7,703.90	39.40	5,345.90	-74.042	-10,578.90	-961.08	10,173.69	4,797.36	5,376.33	1.892	
8,100.00	7,964.30	7,787.00	7,703.90	39.68	5,345.90	-74.042	-10,578.90	-961.08	10,172.04	4,795.45	5,376.59	1.892	
8,150.00	8,013.27	7,787.00	7,703.90	39.95	5,345.90	-74.042	-10,578.90	-961.08	10,170.64	4,793.78	5,376.86	1.892	
8,200.00	8,062.23	7,787.00	7,703.90	40.22	5,345.90	-74.042	-10,578.90	-961.08	10,169.48	4,792.35	5,377.12	1.891	
8,250.00	8,111.20	7,787.00	7,703.90	40.49	5,345.90	-74.042	-10,578.90	-961.08	10,168.57	4,791.18	5,377.39	1.891	
8,300.00	8,160.17	7,787.00	7,703.90	40.76	5,345.90	-74.042	-10,578.90	-961.08	10,167.90	4,790.24	5,377.66	1.891	
8,350.00	8,209.14	7,787.00	7,703.90	41.03	5,345.90	-74.042	-10,578.90	-961.08	10,167.48	4,789.56	5,377.92	1.891	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: FEDERAL #7-29 (OWP) - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft	
Survey Program: 300-BLIND															Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning			
8,400.00	8,258.11	7,787.00	7,703.90	41.30	5,345.90	-74.042	-10,578.90	-961.08	10,167.30	4,789.12	5,378.19	1.890				
8,410.70	8,268.59	7,787.00	7,703.90	41.36	5,345.90	-74.042	-10,578.90	-961.08	10,167.30	4,789.05	5,378.24	1.890				
8,450.00	8,307.08	7,787.00	7,703.90	41.57	5,345.90	-74.042	-10,578.90	-961.08	10,167.37	4,788.92	5,378.45	1.890				
8,500.00	8,356.05	7,787.00	7,703.90	41.85	5,345.90	-74.042	-10,578.90	-961.08	10,167.69	4,788.97	5,378.72	1.890				
8,550.00	8,405.02	7,787.00	7,703.90	42.12	5,345.90	-74.042	-10,578.90	-961.08	10,168.25	4,789.27	5,378.98	1.890				
8,600.00	8,453.99	7,787.00	7,703.90	42.39	5,345.90	-74.042	-10,578.90	-961.08	10,169.06	4,789.81	5,379.25	1.890				
8,650.00	8,502.96	7,787.00	7,703.90	42.66	5,345.90	-74.042	-10,578.90	-961.08	10,170.11	4,790.60	5,379.51	1.891				
8,700.00	8,551.93	7,787.00	7,703.90	42.93	5,345.90	-74.042	-10,578.90	-961.08	10,171.41	4,791.63	5,379.78	1.891				
8,750.00	8,600.90	7,787.00	7,703.90	43.20	5,345.90	-74.042	-10,578.90	-961.08	10,172.96	4,792.91	5,380.05	1.891				
8,800.00	8,649.87	7,787.00	7,703.90	43.47	5,345.90	-74.042	-10,578.90	-961.08	10,174.75	4,794.44	5,380.31	1.891				
8,850.00	8,698.83	7,787.00	7,703.90	43.75	5,345.90	-74.042	-10,578.90	-961.08	10,176.78	4,796.21	5,380.58	1.891				
8,900.00	8,747.80	7,787.00	7,703.90	44.02	5,345.90	-74.042	-10,578.90	-961.08	10,179.06	4,798.22	5,380.84	1.892				
8,950.00	8,796.77	7,787.00	7,703.90	44.29	5,345.90	-74.042	-10,578.90	-961.08	10,181.59	4,800.48	5,381.11	1.892				
9,000.00	8,845.74	7,787.00	7,703.90	44.56	5,345.90	-74.042	-10,578.90	-961.08	10,184.36	4,802.99	5,381.37	1.893				
9,050.00	8,894.71	7,787.00	7,703.90	44.83	5,345.90	-74.042	-10,578.90	-961.08	10,187.38	4,805.74	5,381.64	1.893				
9,100.00	8,943.68	7,787.00	7,703.90	45.10	5,345.90	-74.042	-10,578.90	-961.08	10,190.64	4,808.73	5,381.90	1.893				
9,150.00	8,992.65	7,787.00	7,703.90	45.38	5,345.90	-74.042	-10,578.90	-961.08	10,194.14	4,811.97	5,382.17	1.894				
9,200.00	9,041.62	7,787.00	7,703.90	45.65	5,345.90	-74.042	-10,578.90	-961.08	10,197.89	4,815.45	5,382.44	1.895				
9,250.00	9,090.59	7,787.00	7,703.90	45.92	5,345.90	-74.042	-10,578.90	-961.08	10,201.88	4,819.18	5,382.70	1.895				
9,300.00	9,139.56	7,787.00	7,703.90	46.19	5,345.90	-74.042	-10,578.90	-961.08	10,206.11	4,823.15	5,382.97	1.896				
9,350.00	9,188.53	7,787.00	7,703.90	46.46	5,345.90	-74.042	-10,578.90	-961.08	10,210.59	4,827.36	5,383.23	1.897				
9,400.00	9,237.50	7,787.00	7,703.90	46.73	5,345.90	-74.042	-10,578.90	-961.08	10,215.31	4,831.81	5,383.50	1.898				
9,450.00	9,286.46	7,787.00	7,703.90	47.01	5,345.90	-74.042	-10,578.90	-961.08	10,220.28	4,836.51	5,383.76	1.898				
9,500.00	9,335.43	7,787.00	7,703.90	47.28	5,345.90	-74.042	-10,578.90	-961.08	10,225.48	4,841.45	5,384.03	1.899				
9,550.00	9,384.40	7,787.00	7,703.90	47.55	5,345.90	-74.042	-10,578.90	-961.08	10,230.93	4,846.63	5,384.30	1.900				
9,600.00	9,433.37	7,787.00	7,703.90	47.82	5,345.90	-74.042	-10,578.90	-961.08	10,236.62	4,852.06	5,384.56	1.901				
9,650.00	9,482.34	7,787.00	7,703.90	48.09	5,345.90	-74.042	-10,578.90	-961.08	10,242.55	4,857.72	5,384.83	1.902				
9,700.00	9,531.31	7,787.00	7,703.90	48.36	5,345.90	-74.042	-10,578.90	-961.08	10,248.72	4,863.62	5,385.09	1.903				
9,750.00	9,580.28	7,787.00	7,703.90	48.64	5,345.90	-74.042	-10,578.90	-961.08	10,255.13	4,869.77	5,385.36	1.904				
9,800.00	9,629.25	7,787.00	7,703.90	48.91	5,345.90	-74.042	-10,578.90	-961.08	10,261.78	4,876.15	5,385.62	1.905				
9,850.00	9,678.22	7,787.00	7,703.90	49.18	5,345.90	-74.042	-10,578.90	-961.08	10,268.67	4,882.78	5,385.89	1.907				
9,900.00	9,727.19	7,787.00	7,703.90	49.45	5,345.90	-74.042	-10,578.90	-961.08	10,275.79	4,889.64	5,386.16	1.908				
9,950.00	9,776.16	7,787.00	7,703.90	49.72	5,345.90	-74.042	-10,578.90	-961.08	10,283.16	4,896.74	5,386.42	1.909				
10,000.00	9,825.13	7,787.00	7,703.90	49.99	5,345.90	-74.042	-10,578.90	-961.08	10,290.76	4,904.07	5,386.69	1.910				
10,050.00	9,874.09	7,787.00	7,703.90	50.27	5,345.90	-74.042	-10,578.90	-961.08	10,298.60	4,911.65	5,386.95	1.912				
10,100.00	9,923.06	7,787.00	7,703.90	50.54	5,345.90	-74.042	-10,578.90	-961.08	10,306.68	4,919.46	5,387.22	1.913				
10,150.00	9,972.03	7,787.00	7,703.90	50.81	5,345.90	-74.042	-10,578.90	-961.08	10,314.99	4,927.51	5,387.49	1.915				
10,200.00	10,021.00	7,787.00	7,703.90	51.08	5,345.90	-74.042	-10,578.90	-961.08	10,323.54	4,935.79	5,387.75	1.916				
10,250.00	10,069.97	7,787.00	7,703.90	51.35	5,345.90	-74.042	-10,578.90	-961.08	10,332.32	4,944.31	5,388.02	1.918				
10,300.00	10,118.94	7,787.00	7,703.90	51.62	5,345.90	-74.042	-10,578.90	-961.08	10,341.34	4,953.06	5,388.28	1.919				
10,350.00	10,167.91	7,787.00	7,703.90	51.90	5,345.90	-74.042	-10,578.90	-961.08	10,350.59	4,962.05	5,388.55	1.921				
10,400.00	10,216.88	7,787.00	7,703.90	52.17	5,345.90	-74.042	-10,578.90	-961.08	10,360.08	4,971.26	5,388.81	1.923				
10,450.00	10,265.85	7,787.00	7,703.90	52.44	5,345.90	-74.042	-10,578.90	-961.08	10,369.80	4,980.72	5,389.08	1.924				
10,500.00	10,314.82	7,787.00	7,703.90	52.71	5,345.90	-74.042	-10,578.90	-961.08	10,379.74	4,990.40	5,389.35	1.926				
10,550.00	10,363.79	7,787.00	7,703.90	52.98	5,345.90	-74.042	-10,578.90	-961.08	10,389.92	5,000.31	5,389.61	1.928				
10,600.00	10,412.76	7,787.00	7,703.90	53.25	5,345.90	-74.042	-10,578.90	-961.08	10,400.33	5,010.46	5,389.88	1.930				
10,618.11	10,430.50	7,787.00	7,703.90	53.35	5,345.90	-74.042	-10,578.90	-961.08	10,404.16	5,014.19	5,389.97	1.930				
10,650.00	10,461.64	7,787.00	7,703.90	53.53	5,345.90	-62.066	-10,578.90	-961.08	10,410.16	5,042.49	5,367.66	1.939				
10,700.00	10,509.99	7,787.00	7,703.90	53.83	5,345.90	-48.787	-10,578.90	-961.08	10,416.43	5,112.11	5,304.32	1.964				
10,750.00	10,557.44	7,787.00	7,703.90	54.14	5,345.90	-40.275	-10,578.90	-961.08	10,418.86	5,211.60	5,207.26	2.001				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-29 - OFFSET: FEDERAL #7-29 (OWP) - Wellbore #1 - Wellbore #1														Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
10,800.00	10,603.67	7,787.00	7,703.90	54.47	5,345.90	-34.652	-10,578.90	-961.08	10,417.43	5,339.62	5,077.81	2.052			
10,850.00	10,648.37	7,787.00	7,703.90	54.81	5,345.90	-30.798	-10,578.90	-961.08	10,412.14	5,494.42	4,917.72	2.117			
10,900.00	10,691.23	7,787.00	7,703.90	55.17	5,345.90	-28.083	-10,578.90	-961.08	10,403.04	5,673.81	4,729.23	2.200			
10,950.00	10,731.95	7,787.00	7,703.90	55.53	5,345.90	-26.145	-10,578.90	-961.08	10,390.16	5,875.08	4,515.08	2.301			
11,000.00	10,770.26	7,787.00	7,703.90	55.91	5,345.90	-24.771	-10,578.90	-961.08	10,373.59	6,094.82	4,278.77	2.424			
11,050.00	10,805.89	7,787.00	7,703.90	56.29	5,345.90	-23.832	-10,578.90	-961.08	10,353.42	6,328.73	4,024.70	2.572			
11,100.00	10,838.59	7,787.00	7,703.90	56.68	5,345.90	-23.248	-10,578.90	-961.08	10,329.78	6,571.23	3,758.55	2.748			
11,150.00	10,868.14	7,787.00	7,703.90	57.08	5,345.90	-22.976	-10,578.90	-961.08	10,302.79	6,814.97	3,487.82	2.954			
11,200.00	10,894.34	7,787.00	7,703.90	57.48	5,345.90	-22.998	-10,578.90	-961.08	10,272.61	7,049.98	3,222.63	3.188			
11,250.00	10,917.01	7,787.00	7,703.90	57.89	5,345.90	-23.319	-10,578.90	-961.08	10,239.44	7,262.57	2,976.87	3.440			
11,300.00	10,935.99	7,787.00	7,703.90	58.31	5,345.90	-23.969	-10,578.90	-961.08	10,203.47	7,434.04	2,769.43	3.684			
11,350.00	10,951.16	7,787.00	7,703.90	58.73	5,345.90	-25.005	-10,578.90	-961.08	10,164.91	7,539.97	2,624.95	3.872			
11,400.00	10,962.40	7,787.00	7,703.90	59.15	5,345.90	-26.534	-10,578.90	-961.08	10,124.01	7,551.61	2,572.40	3.936			
11,450.00	10,969.64	7,787.00	7,703.90	59.57	5,345.90	-28.735	-10,578.90	-961.08	10,081.02	7,440.54	2,640.48	3.818			
11,500.00	10,972.84	7,787.00	7,703.90	60.00	5,345.90	-31.919	-10,578.90	-961.08	10,036.20	7,183.82	2,852.39	3.519			
11,514.23	10,973.00	7,787.00	7,703.90	60.12	5,345.90	-33.074	-10,578.90	-961.08	10,023.15	7,081.55	2,941.60	3.407			
11,550.00	10,973.00	7,787.00	7,703.90	60.42	5,345.90	-31.634	-10,578.90	-961.08	9,990.17	7,163.03	2,827.13	3.534			
11,600.00	10,973.00	7,787.00	7,703.90	60.85	5,345.90	-29.545	-10,578.90	-961.08	9,943.94	7,285.84	2,658.10	3.741			
11,650.00	10,973.00	7,787.00	7,703.90	61.27	5,345.90	-27.371	-10,578.90	-961.08	9,897.59	7,419.14	2,478.45	3.993			
11,700.00	10,973.00	7,787.00	7,703.90	61.71	5,345.90	-25.113	-10,578.90	-961.08	9,851.12	7,562.94	2,288.18	4.305			
11,750.00	10,973.00	7,787.00	7,703.90	62.13	5,345.90	-22.775	-10,578.90	-961.08	9,804.55	7,717.05	2,087.50	4.697			
11,773.11	10,973.00	7,787.00	7,703.90	62.33	5,345.90	-21.668	-10,578.90	-961.08	9,782.99	7,791.67	1,991.32	4.913			
11,800.00	10,973.00	7,787.00	7,703.90	62.57	5,345.90	-21.668	-10,578.90	-961.08	9,757.91	7,766.43	1,991.47	4.900			
11,850.00	10,973.00	7,787.00	7,703.90	63.01	5,345.90	-21.668	-10,578.90	-961.08	9,711.29	7,719.52	1,991.77	4.876			
11,900.00	10,973.00	7,787.00	7,703.90	63.46	5,345.90	-21.668	-10,578.90	-961.08	9,664.70	7,672.64	1,992.06	4.852			
11,950.00	10,973.00	7,787.00	7,703.90	63.93	5,345.90	-21.668	-10,578.90	-961.08	9,618.15	7,625.77	1,992.38	4.827			
12,000.00	10,973.00	7,787.00	7,703.90	64.40	5,345.90	-21.668	-10,578.90	-961.08	9,571.63	7,578.94	1,992.69	4.803			
12,050.00	10,973.00	7,787.00	7,703.90	64.89	5,345.90	-21.668	-10,578.90	-961.08	9,525.14	7,532.12	1,993.02	4.779			
12,100.00	10,973.00	7,787.00	7,703.90	65.40	5,345.90	-21.668	-10,578.90	-961.08	9,478.70	7,485.34	1,993.35	4.755			
12,150.00	10,973.00	7,787.00	7,703.90	65.91	5,345.90	-21.668	-10,578.90	-961.08	9,432.28	7,438.58	1,993.70	4.731			
12,200.00	10,973.00	7,787.00	7,703.90	66.43	5,345.90	-21.668	-10,578.90	-961.08	9,385.91	7,391.86	1,994.05	4.707			
12,250.00	10,973.00	7,787.00	7,703.90	66.97	5,345.90	-21.668	-10,578.90	-961.08	9,339.57	7,345.16	1,994.41	4.683			
12,300.00	10,973.00	7,787.00	7,703.90	67.51	5,345.90	-21.668	-10,578.90	-961.08	9,293.27	7,298.50	1,994.78	4.659			
12,350.00	10,973.00	7,787.00	7,703.90	68.07	5,345.90	-21.668	-10,578.90	-961.08	9,247.01	7,251.86	1,995.15	4.635			
12,400.00	10,973.00	7,787.00	7,703.90	68.64	5,345.90	-21.668	-10,578.90	-961.08	9,200.79	7,205.26	1,995.53	4.611			
12,450.00	10,973.00	7,787.00	7,703.90	69.22	5,345.90	-21.668	-10,578.90	-961.08	9,154.61	7,158.69	1,995.92	4.587			
12,500.00	10,973.00	7,787.00	7,703.90	69.81	5,345.90	-21.668	-10,578.90	-961.08	9,108.47	7,112.16	1,996.31	4.563			
12,550.00	10,973.00	7,787.00	7,703.90	70.41	5,345.90	-21.668	-10,578.90	-961.08	9,062.37	7,065.66	1,996.71	4.539			
12,600.00	10,973.00	7,787.00	7,703.90	71.01	5,345.90	-21.668	-10,578.90	-961.08	9,016.31	7,019.20	1,997.11	4.515			
12,650.00	10,973.00	7,787.00	7,703.90	71.63	5,345.90	-21.668	-10,578.90	-961.08	8,970.30	6,972.78	1,997.52	4.491			
12,700.00	10,973.00	7,787.00	7,703.90	72.26	5,345.90	-21.668	-10,578.90	-961.08	8,924.32	6,926.39	1,997.93	4.467			
12,750.00	10,973.00	7,787.00	7,703.90	72.90	5,345.90	-21.668	-10,578.90	-961.08	8,878.39	6,880.05	1,998.35	4.443			
12,800.00	10,973.00	7,787.00	7,703.90	73.54	5,345.90	-21.668	-10,578.90	-961.08	8,832.51	6,833.74	1,998.76	4.419			
12,850.00	10,973.00	7,787.00	7,703.90	74.20	5,345.90	-21.668	-10,578.90	-961.08	8,786.66	6,787.47	1,999.19	4.395			
12,900.00	10,973.00	7,787.00	7,703.90	74.86	5,345.90	-21.668	-10,578.90	-961.08	8,740.87	6,741.25	1,999.62	4.371			
12,950.00	10,973.00	7,787.00	7,703.90	75.53	5,345.90	-21.668	-10,578.90	-961.08	8,695.12	6,695.07	2,000.05	4.347			
13,000.00	10,973.00	7,787.00	7,703.90	76.21	5,345.90	-21.668	-10,578.90	-961.08	8,649.42	6,648.94	2,000.48	4.324			
13,050.00	10,973.00	7,787.00	7,703.90	76.90	5,345.90	-21.668	-10,578.90	-961.08	8,603.76	6,602.84	2,000.92	4.300			
13,100.00	10,973.00	7,787.00	7,703.90	77.59	5,345.90	-21.668	-10,578.90	-961.08	8,558.16	6,556.80	2,001.36	4.276			
13,150.00	10,973.00	7,787.00	7,703.90	78.30	5,345.90	-21.668	-10,578.90	-961.08	8,512.60	6,510.79	2,001.81	4.252			
13,200.00	10,973.00	7,787.00	7,703.90	79.00	5,345.90	-21.668	-10,578.90	-961.08	8,467.10	6,464.84	2,002.25	4.229			

CC - Min centre to centre distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design														MOHEE FED 0297-17-29 - OFFSET: FEDERAL #7-29 (OWP) - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND															Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
13,250.00	10,973.00	7,787.00	7,703.90	79.72	5,345.90	-21.668	-10,578.90	-961.08	8,421.64	6,418.93	2,002.71	4.205				
13,300.00	10,973.00	7,787.00	7,703.90	80.45	5,345.90	-21.668	-10,578.90	-961.08	8,376.24	6,373.08	2,003.16	4.182				
13,350.00	10,973.00	7,787.00	7,703.90	81.18	5,345.90	-21.668	-10,578.90	-961.08	8,330.89	6,327.27	2,003.61	4.158				
13,400.00	10,973.00	7,787.00	7,703.90	81.91	5,345.90	-21.668	-10,578.90	-961.08	8,285.59	6,281.52	2,004.07	4.134				
13,450.00	10,973.00	7,787.00	7,703.90	82.66	5,345.90	-21.668	-10,578.90	-961.08	8,240.35	6,235.82	2,004.53	4.111				
13,500.00	10,973.00	7,787.00	7,703.90	83.41	5,345.90	-21.668	-10,578.90	-961.08	8,195.16	6,190.17	2,004.99	4.087				
13,550.00	10,973.00	7,787.00	7,703.90	84.17	5,345.90	-21.668	-10,578.90	-961.08	8,150.03	6,144.57	2,005.45	4.064				
13,600.00	10,973.00	7,787.00	7,703.90	84.93	5,345.90	-21.668	-10,578.90	-961.08	8,104.95	6,099.03	2,005.92	4.041				
13,650.00	10,973.00	7,787.00	7,703.90	85.70	5,345.90	-21.668	-10,578.90	-961.08	8,059.94	6,053.55	2,006.39	4.017				
13,700.00	10,973.00	7,787.00	7,703.90	86.47	5,345.90	-21.668	-10,578.90	-961.08	8,014.98	6,008.13	2,006.86	3.994				
13,750.00	10,973.00	7,787.00	7,703.90	87.25	5,345.90	-21.668	-10,578.90	-961.08	7,970.08	5,962.76	2,007.33	3.970				
13,800.00	10,973.00	7,787.00	7,703.90	88.03	5,345.90	-21.668	-10,578.90	-961.08	7,925.25	5,917.45	2,007.80	3.947				
13,850.00	10,973.00	7,787.00	7,703.90	88.82	5,345.90	-21.668	-10,578.90	-961.08	7,880.47	5,872.20	2,008.27	3.924				
13,900.00	10,973.00	7,787.00	7,703.90	89.62	5,345.90	-21.668	-10,578.90	-961.08	7,835.76	5,827.02	2,008.75	3.901				
13,950.00	10,973.00	7,787.00	7,703.90	90.42	5,345.90	-21.668	-10,578.90	-961.08	7,791.12	5,781.89	2,009.23	3.878				
14,000.00	10,973.00	7,787.00	7,703.90	91.22	5,345.90	-21.668	-10,578.90	-961.08	7,746.54	5,736.83	2,009.70	3.855				
14,050.00	10,973.00	7,787.00	7,703.90	92.03	5,345.90	-21.668	-10,578.90	-961.08	7,702.02	5,691.84	2,010.18	3.832				
14,100.00	10,973.00	7,787.00	7,703.90	92.84	5,345.90	-21.668	-10,578.90	-961.08	7,657.58	5,646.91	2,010.66	3.808				
14,150.00	10,973.00	7,787.00	7,703.90	93.66	5,345.90	-21.668	-10,578.90	-961.08	7,613.20	5,602.05	2,011.15	3.785				
14,200.00	10,973.00	7,787.00	7,703.90	94.48	5,345.90	-21.668	-10,578.90	-961.08	7,568.89	5,557.26	2,011.63	3.763				
14,250.00	10,973.00	7,787.00	7,703.90	95.31	5,345.90	-21.668	-10,578.90	-961.08	7,524.65	5,512.54	2,012.12	3.740				
14,300.00	10,973.00	7,787.00	7,703.90	96.14	5,345.90	-21.668	-10,578.90	-961.08	7,480.49	5,467.89	2,012.60	3.717				
14,350.00	10,973.00	7,787.00	7,703.90	96.97	5,345.90	-21.668	-10,578.90	-961.08	7,436.40	5,423.31	2,013.09	3.694				
14,400.00	10,973.00	7,787.00	7,703.90	97.81	5,345.90	-21.668	-10,578.90	-961.08	7,392.39	5,378.81	2,013.57	3.671				
14,450.00	10,973.00	7,787.00	7,703.90	98.65	5,345.90	-21.668	-10,578.90	-961.08	7,348.45	5,334.39	2,014.06	3.649				
14,500.00	10,973.00	7,787.00	7,703.90	99.50	5,345.90	-21.668	-10,578.90	-961.08	7,304.59	5,290.04	2,014.55	3.626				
14,550.00	10,973.00	7,787.00	7,703.90	100.35	5,345.90	-21.668	-10,578.90	-961.08	7,260.81	5,245.77	2,015.04	3.603				
14,600.00	10,973.00	7,787.00	7,703.90	101.20	5,345.90	-21.668	-10,578.90	-961.08	7,217.11	5,201.58	2,015.53	3.581				
14,650.00	10,973.00	7,787.00	7,703.90	102.06	5,345.90	-21.668	-10,578.90	-961.08	7,173.49	5,157.46	2,016.03	3.558				
14,700.00	10,973.00	7,787.00	7,703.90	102.92	5,345.90	-21.668	-10,578.90	-961.08	7,129.96	5,113.44	2,016.52	3.536				
14,750.00	10,973.00	7,787.00	7,703.90	103.78	5,345.90	-21.668	-10,578.90	-961.08	7,086.51	5,069.50	2,017.01	3.513				
14,800.00	10,973.00	7,787.00	7,703.90	104.64	5,345.90	-21.668	-10,578.90	-961.08	7,043.15	5,025.64	2,017.51	3.491				
14,850.00	10,973.00	7,787.00	7,703.90	105.51	5,345.90	-21.668	-10,578.90	-961.08	6,999.88	4,981.87	2,018.00	3.469				
14,900.00	10,973.00	7,787.00	7,703.90	106.38	5,345.90	-21.668	-10,578.90	-961.08	6,956.69	4,938.19	2,018.50	3.446				
14,950.00	10,973.00	7,787.00	7,703.90	107.26	5,345.90	-21.668	-10,578.90	-961.08	6,913.60	4,894.61	2,019.00	3.424				
15,000.00	10,973.00	7,787.00	7,703.90	108.13	5,345.90	-21.668	-10,578.90	-961.08	6,870.61	4,851.11	2,019.49	3.402				
15,050.00	10,973.00	7,787.00	7,703.90	109.01	5,345.90	-21.668	-10,578.90	-961.08	6,827.70	4,807.71	2,019.99	3.380				
15,100.00	10,973.00	7,787.00	7,703.90	109.90	5,345.90	-21.668	-10,578.90	-961.08	6,784.90	4,764.41	2,020.49	3.358				
15,150.00	10,973.00	7,787.00	7,703.90	110.78	5,345.90	-21.668	-10,578.90	-961.08	6,742.19	4,721.20	2,020.99	3.336				
15,200.00	10,973.00	7,787.00	7,703.90	111.67	5,345.90	-21.668	-10,578.90	-961.08	6,699.59	4,678.10	2,021.49	3.314				
15,250.00	10,973.00	7,787.00	7,703.90	112.56	5,345.90	-21.668	-10,578.90	-961.08	6,657.09	4,635.10	2,021.99	3.292				
15,300.00	10,973.00	7,787.00	7,703.90	113.45	5,345.90	-21.668	-10,578.90	-961.08	6,614.69	4,592.20	2,022.49	3.271				
15,350.00	10,973.00	7,787.00	7,703.90	114.35	5,345.90	-21.668	-10,578.90	-961.08	6,572.40	4,549.41	2,022.99	3.249				
15,400.00	10,973.00	7,787.00	7,703.90	115.24	5,345.90	-21.668	-10,578.90	-961.08	6,530.22	4,506.73	2,023.49	3.227				
15,450.00	10,973.00	7,787.00	7,703.90	116.14	5,345.90	-21.668	-10,578.90	-961.08	6,488.15	4,464.15	2,024.00	3.206				
15,500.00	10,973.00	7,787.00	7,703.90	117.05	5,345.90	-21.668	-10,578.90	-961.08	6,446.19	4,421.70	2,024.50	3.184				
15,550.00	10,973.00	7,787.00	7,703.90	117.95	5,345.90	-21.668	-10,578.90	-961.08	6,404.35	4,379.35	2,025.00	3.163				
15,600.00	10,973.00	7,787.00	7,703.90	118.85	5,345.90	-21.668	-10,578.90	-961.08	6,362.63	4,337.12	2,025.51	3.141				
15,650.00	10,973.00	7,787.00	7,703.90	119.76	5,345.90	-21.668	-10,578.90	-961.08	6,321.03	4,295.02	2,026.01	3.120				
15,700.00	10,973.00	7,787.00	7,703.90	120.67	5,345.90	-21.668	-10,578.90	-961.08	6,279.55	4,253.03	2,026.52	3.099				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 300-BLIND													Offset Well Error:	0.00 usft
MOHEE FED 0297-17-29 - OFFSET: FEDERAL #7-29 (OWP) - Wellbore #1 - Wellbore #1														
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,750.00	10,973.00	7,787.00	7,703.90	121.58	5,345.90	-21.668	-10,578.90	-961.08	6,238.19	4,211.17	2,027.02	3.078		
15,800.00	10,973.00	7,787.00	7,703.90	122.50	5,345.90	-21.668	-10,578.90	-961.08	6,196.96	4,169.44	2,027.53	3.056		
15,850.00	10,973.00	7,787.00	7,703.90	123.41	5,345.90	-21.668	-10,578.90	-961.08	6,155.86	4,127.83	2,028.03	3.035		
15,900.00	10,973.00	7,787.00	7,703.90	124.33	5,345.90	-21.668	-10,578.90	-961.08	6,114.90	4,086.36	2,028.54	3.014		
15,950.00	10,973.00	7,787.00	7,703.90	125.25	5,345.90	-21.668	-10,578.90	-961.08	6,074.07	4,045.02	2,029.05	2.994		
16,000.00	10,973.00	7,787.00	7,703.90	126.17	5,345.90	-21.668	-10,578.90	-961.08	6,033.38	4,003.82	2,029.55	2.973		
16,050.00	10,973.00	7,787.00	7,703.90	127.09	5,345.90	-21.668	-10,578.90	-961.08	5,992.82	3,962.76	2,030.06	2.952		
16,100.00	10,973.00	7,787.00	7,703.90	128.02	5,345.90	-21.668	-10,578.90	-961.08	5,952.42	3,921.85	2,030.57	2.931		
16,150.00	10,973.00	7,787.00	7,703.90	128.94	5,345.90	-21.668	-10,578.90	-961.08	5,912.16	3,881.08	2,031.08	2.911		
16,200.00	10,973.00	7,787.00	7,703.90	129.87	5,345.90	-21.668	-10,578.90	-961.08	5,872.04	3,840.46	2,031.59	2.890		
16,250.00	10,973.00	7,787.00	7,703.90	130.80	5,345.90	-21.668	-10,578.90	-961.08	5,832.09	3,799.99	2,032.09	2.870		
16,300.00	10,973.00	7,787.00	7,703.90	131.73	5,345.90	-21.668	-10,578.90	-961.08	5,792.28	3,759.68	2,032.60	2.850		
16,350.00	10,973.00	7,787.00	7,703.90	132.66	5,345.90	-21.668	-10,578.90	-961.08	5,752.64	3,719.53	2,033.11	2.829		
16,400.00	10,973.00	7,787.00	7,703.90	133.60	5,345.90	-21.668	-10,578.90	-961.08	5,713.16	3,679.54	2,033.62	2.809		
16,450.00	10,973.00	7,787.00	7,703.90	134.53	5,345.90	-21.668	-10,578.90	-961.08	5,673.84	3,639.71	2,034.13	2.789		
16,500.00	10,973.00	7,787.00	7,703.90	135.47	5,345.90	-21.668	-10,578.90	-961.08	5,634.70	3,600.06	2,034.64	2.769		
16,550.00	10,973.00	7,787.00	7,703.90	136.40	5,345.90	-21.668	-10,578.90	-961.08	5,595.73	3,560.57	2,035.15	2.750		
16,600.00	10,973.00	7,787.00	7,703.90	137.34	5,345.90	-21.668	-10,578.90	-961.08	5,556.93	3,521.27	2,035.66	2.730		
16,650.00	10,973.00	7,787.00	7,703.90	138.28	5,345.90	-21.668	-10,578.90	-961.08	5,518.31	3,482.14	2,036.18	2.710		
16,700.00	10,973.00	7,787.00	7,703.90	139.22	5,345.90	-21.668	-10,578.90	-961.08	5,479.88	3,443.20	2,036.69	2.691		
16,750.00	10,973.00	7,787.00	7,703.90	140.17	5,345.90	-21.668	-10,578.90	-961.08	5,441.64	3,404.44	2,037.20	2.671		
16,800.00	10,973.00	7,787.00	7,703.90	141.11	5,345.90	-21.668	-10,578.90	-961.08	5,403.59	3,365.88	2,037.71	2.652		
16,850.00	10,973.00	7,787.00	7,703.90	142.06	5,345.90	-21.668	-10,578.90	-961.08	5,365.73	3,327.51	2,038.22	2.633		
16,900.00	10,973.00	7,787.00	7,703.90	143.00	5,345.90	-21.668	-10,578.90	-961.08	5,328.08	3,289.34	2,038.73	2.613		
16,950.00	10,973.00	7,787.00	7,703.90	143.95	5,345.90	-21.668	-10,578.90	-961.08	5,290.62	3,251.38	2,039.25	2.594		
17,000.00	10,973.00	7,787.00	7,703.90	144.90	5,345.90	-21.668	-10,578.90	-961.08	5,253.38	3,213.62	2,039.76	2.575		
17,050.00	10,973.00	7,787.00	7,703.90	145.85	5,345.90	-21.668	-10,578.90	-961.08	5,216.35	3,176.08	2,040.27	2.557		
17,100.00	10,973.00	7,787.00	7,703.90	146.80	5,345.90	-21.668	-10,578.90	-961.08	5,179.54	3,138.76	2,040.79	2.538		
17,150.00	10,973.00	7,787.00	7,703.90	147.75	5,345.90	-21.668	-10,578.90	-961.08	5,142.95	3,101.66	2,041.30	2.519		
17,200.00	10,973.00	7,787.00	7,703.90	148.70	5,345.90	-21.668	-10,578.90	-961.08	5,106.59	3,064.78	2,041.81	2.501		
17,250.00	10,973.00	7,787.00	7,703.90	149.66	5,345.90	-21.668	-10,578.90	-961.08	5,070.47	3,028.14	2,042.33	2.483		
17,300.00	10,973.00	7,787.00	7,703.90	150.61	5,345.90	-21.668	-10,578.90	-961.08	5,034.57	2,991.73	2,042.84	2.464		
17,350.00	10,973.00	7,787.00	7,703.90	151.57	5,345.90	-21.668	-10,578.90	-961.08	4,998.93	2,955.57	2,043.35	2.446		
17,400.00	10,973.00	7,787.00	7,703.90	152.52	5,345.90	-21.668	-10,578.90	-961.08	4,963.53	2,919.66	2,043.87	2.428		
17,450.00	10,973.00	7,787.00	7,703.90	153.48	5,345.90	-21.668	-10,578.90	-961.08	4,928.38	2,883.99	2,044.38	2.411		
17,500.00	10,973.00	7,787.00	7,703.90	154.44	5,345.90	-21.668	-10,578.90	-961.08	4,893.49	2,848.59	2,044.90	2.393		
17,550.00	10,973.00	7,787.00	7,703.90	155.40	5,345.90	-21.668	-10,578.90	-961.08	4,858.86	2,813.45	2,045.41	2.375		
17,600.00	10,973.00	7,787.00	7,703.90	156.36	5,345.90	-21.668	-10,578.90	-961.08	4,824.51	2,778.58	2,045.93	2.358		
17,650.00	10,973.00	7,787.00	7,703.90	157.32	5,345.90	-21.668	-10,578.90	-961.08	4,790.43	2,743.98	2,046.44	2.341		
17,700.00	10,973.00	7,787.00	7,703.90	158.28	5,345.90	-21.668	-10,578.90	-961.08	4,756.63	2,709.67	2,046.96	2.324		
17,750.00	10,973.00	7,787.00	7,703.90	159.24	5,345.90	-21.668	-10,578.90	-961.08	4,723.12	2,675.64	2,047.47	2.307		
17,800.00	10,973.00	7,787.00	7,703.90	160.21	5,345.90	-21.668	-10,578.90	-961.08	4,689.90	2,641.91	2,047.99	2.290		
17,850.00	10,973.00	7,787.00	7,703.90	161.17	5,345.90	-21.668	-10,578.90	-961.08	4,656.98	2,608.47	2,048.51	2.273		
17,900.00	10,973.00	7,787.00	7,703.90	162.14	5,345.90	-21.668	-10,578.90	-961.08	4,624.37	2,575.35	2,049.02	2.257		
17,950.00	10,973.00	7,787.00	7,703.90	163.10	5,345.90	-21.668	-10,578.90	-961.08	4,592.07	2,542.53	2,049.54	2.241		
18,000.00	10,973.00	7,787.00	7,703.90	164.07	5,345.90	-21.668	-10,578.90	-961.08	4,560.09	2,510.04	2,050.05	2.224		
18,050.00	10,973.00	7,787.00	7,703.90	165.04	5,345.90	-21.668	-10,578.90	-961.08	4,528.44	2,477.87	2,050.57	2.208		
18,100.00	10,973.00	7,787.00	7,703.90	166.01	5,345.90	-21.668	-10,578.90	-961.08	4,497.12	2,446.03	2,051.09	2.193		
18,150.00	10,973.00	7,787.00	7,703.90	166.97	5,345.90	-21.668	-10,578.90	-961.08	4,466.14	2,414.53	2,051.60	2.177		
18,200.00	10,973.00	7,787.00	7,703.90	167.94	5,345.90	-21.668	-10,578.90	-961.08	4,435.50	2,383.38	2,052.12	2.161		
18,250.00	10,973.00	7,787.00	7,703.90	168.92	5,345.90	-21.668	-10,578.90	-961.08	4,405.23	2,352.59	2,052.64	2.146		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design														Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
MOHEE FED 0297-17-29 - OFFSET: FEDERAL #7-29 (OWP) - Wellbore #1 - Wellbore #1															
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
18,300.00	10,973.00	7,787.00	7,703.90	169.89	5,345.90	-21.668	-10,578.90	-961.08	4,375.31	2,322.16	2,053.15	2.131			
18,350.00	10,973.00	7,787.00	7,703.90	170.86	5,345.90	-21.668	-10,578.90	-961.08	4,345.76	2,292.09	2,053.67	2.116			
18,400.00	10,973.00	7,787.00	7,703.90	171.83	5,345.90	-21.668	-10,578.90	-961.08	4,316.59	2,262.41	2,054.19	2.101			
18,450.00	10,973.00	7,787.00	7,703.90	172.80	5,345.90	-21.668	-10,578.90	-961.08	4,287.81	2,233.10	2,054.71	2.087			
18,500.00	10,973.00	7,787.00	7,703.90	173.78	5,345.90	-21.668	-10,578.90	-961.08	4,259.42	2,204.19	2,055.22	2.072			
18,550.00	10,973.00	7,787.00	7,703.90	174.75	5,345.90	-21.668	-10,578.90	-961.08	4,231.42	2,175.68	2,055.74	2.058			
18,600.00	10,973.00	7,787.00	7,703.90	175.73	5,345.90	-21.668	-10,578.90	-961.08	4,203.84	2,147.58	2,056.26	2.044			
18,650.00	10,973.00	7,787.00	7,703.90	176.70	5,345.90	-21.668	-10,578.90	-961.08	4,176.67	2,119.89	2,056.78	2.031			
18,700.00	10,973.00	7,787.00	7,703.90	177.68	5,345.90	-21.668	-10,578.90	-961.08	4,149.93	2,092.63	2,057.29	2.017			
18,750.00	10,973.00	7,787.00	7,703.90	178.65	5,345.90	-21.668	-10,578.90	-961.08	4,123.62	2,065.80	2,057.81	2.004			
18,800.00	10,973.00	7,787.00	7,703.90	179.63	5,345.90	-21.668	-10,578.90	-961.08	4,097.75	2,039.42	2,058.33	1.991			
18,850.00	10,973.00	7,787.00	7,703.90	180.61	5,345.90	-21.668	-10,578.90	-961.08	4,072.33	2,013.48	2,058.85	1.978			
18,900.00	10,973.00	7,787.00	7,703.90	181.59	5,345.90	-21.668	-10,578.90	-961.08	4,047.37	1,988.00	2,059.37	1.965			
18,950.00	10,973.00	7,787.00	7,703.90	182.57	5,345.90	-21.668	-10,578.90	-961.08	4,022.87	1,962.99	2,059.89	1.953			
19,000.00	10,973.00	7,787.00	7,703.90	183.55	5,345.90	-21.668	-10,578.90	-961.08	3,998.85	1,938.45	2,060.40	1.941			
19,050.00	10,973.00	7,787.00	7,703.90	184.53	5,345.90	-21.668	-10,578.90	-961.08	3,975.32	1,914.39	2,060.92	1.929			
19,100.00	10,973.00	7,787.00	7,703.90	185.51	5,345.90	-21.668	-10,578.90	-961.08	3,952.27	1,890.83	2,061.44	1.917			
19,150.00	10,973.00	7,787.00	7,703.90	186.49	5,345.90	-21.668	-10,578.90	-961.08	3,929.73	1,867.77	2,061.96	1.906			
19,200.00	10,973.00	7,787.00	7,703.90	187.47	5,345.90	-21.668	-10,578.90	-961.08	3,907.70	1,845.22	2,062.48	1.895			
19,250.00	10,973.00	7,787.00	7,703.90	188.45	5,345.90	-21.668	-10,578.90	-961.08	3,886.18	1,823.18	2,063.00	1.884			
19,300.00	10,973.00	7,787.00	7,703.90	189.43	5,345.90	-21.668	-10,578.90	-961.08	3,865.20	1,801.68	2,063.52	1.873			
19,350.00	10,973.00	7,787.00	7,703.90	190.42	5,345.90	-21.668	-10,578.90	-961.08	3,844.74	1,780.71	2,064.04	1.863			
19,400.00	10,973.00	7,787.00	7,703.90	191.40	5,345.90	-21.668	-10,578.90	-961.08	3,824.84	1,760.28	2,064.56	1.853			
19,450.00	10,973.00	7,787.00	7,703.90	192.38	5,345.90	-21.668	-10,578.90	-961.08	3,805.48	1,740.41	2,065.07	1.843			
19,500.00	10,973.00	7,787.00	7,703.90	193.37	5,345.90	-21.668	-10,578.90	-961.08	3,786.69	1,721.10	2,065.59	1.833			
19,550.00	10,973.00	7,787.00	7,703.90	194.35	5,345.90	-21.668	-10,578.90	-961.08	3,768.47	1,702.35	2,066.11	1.824			
19,600.00	10,973.00	7,787.00	7,703.90	195.34	5,345.90	-21.668	-10,578.90	-961.08	3,750.82	1,684.19	2,066.63	1.815			
19,650.00	10,973.00	7,787.00	7,703.90	196.32	5,345.90	-21.668	-10,578.90	-961.08	3,733.76	1,666.61	2,067.15	1.806			
19,700.00	10,973.00	7,787.00	7,703.90	197.31	5,345.90	-21.668	-10,578.90	-961.08	3,717.30	1,649.62	2,067.67	1.798			
19,750.00	10,973.00	7,787.00	7,703.90	198.30	5,345.90	-21.668	-10,578.90	-961.08	3,701.43	1,633.24	2,068.19	1.790			
19,800.00	10,973.00	7,787.00	7,703.90	199.28	5,345.90	-21.668	-10,578.90	-961.08	3,686.18	1,617.47	2,068.71	1.782			
19,850.00	10,973.00	7,787.00	7,703.90	200.27	5,345.90	-21.668	-10,578.90	-961.08	3,671.55	1,602.31	2,069.23	1.774			
19,900.00	10,973.00	7,787.00	7,703.90	201.26	5,345.90	-21.668	-10,578.90	-961.08	3,657.54	1,587.78	2,069.75	1.767			
19,950.00	10,973.00	7,787.00	7,703.90	202.25	5,345.90	-21.668	-10,578.90	-961.08	3,644.16	1,573.89	2,070.27	1.760			
20,000.00	10,973.00	7,787.00	7,703.90	203.24	5,345.90	-21.668	-10,578.90	-961.08	3,631.42	1,560.63	2,070.79	1.754			
20,050.00	10,973.00	7,787.00	7,703.90	204.22	5,345.90	-21.668	-10,578.90	-961.08	3,619.33	1,548.02	2,071.31	1.747			
20,100.00	10,973.00	7,787.00	7,703.90	205.21	5,345.90	-21.668	-10,578.90	-961.08	3,607.89	1,536.06	2,071.83	1.741			
20,150.00	10,973.00	7,787.00	7,703.90	206.20	5,345.90	-21.668	-10,578.90	-961.08	3,597.11	1,524.75	2,072.35	1.736			
20,200.00	10,973.00	7,787.00	7,703.90	207.19	5,345.90	-21.668	-10,578.90	-961.08	3,586.99	1,514.12	2,072.87	1.730			
20,250.00	10,973.00	7,787.00	7,703.90	208.18	5,345.90	-21.668	-10,578.90	-961.08	3,577.54	1,504.15	2,073.39	1.725			
20,300.00	10,973.00	7,787.00	7,703.90	209.17	5,345.90	-21.668	-10,578.90	-961.08	3,568.77	1,494.86	2,073.91	1.721			
20,350.00	10,973.00	7,787.00	7,703.90	210.17	5,345.90	-21.668	-10,578.90	-961.08	3,560.68	1,486.25	2,074.44	1.716			
20,400.00	10,973.00	7,787.00	7,703.90	211.16	5,345.90	-21.668	-10,578.90	-961.08	3,553.28	1,478.32	2,074.96	1.712			
20,450.00	10,973.00	7,787.00	7,703.90	212.15	5,345.90	-21.668	-10,578.90	-961.08	3,546.56	1,471.08	2,075.48	1.709			
20,500.00	10,973.00	7,787.00	7,703.90	213.14	5,345.90	-21.668	-10,578.90	-961.08	3,540.54	1,464.54	2,076.00	1.705			
20,550.00	10,973.00	7,787.00	7,703.90	214.13	5,345.90	-21.668	-10,578.90	-961.08	3,535.21	1,458.70	2,076.52	1.702			
20,600.00	10,973.00	7,787.00	7,703.90	215.13	5,345.90	-21.668	-10,578.90	-961.08	3,530.59	1,453.55	2,077.04	1.700			
20,650.00	10,973.00	7,787.00	7,703.90	216.12	5,345.90	-21.668	-10,578.90	-961.08	3,526.67	1,449.11	2,077.56	1.698			
20,700.00	10,973.00	7,787.00	7,703.90	217.11	5,345.90	-21.668	-10,578.90	-961.08	3,523.45	1,445.37	2,078.08	1.696			
20,750.00	10,973.00	7,787.00	7,703.90	218.11	5,345.90	-21.668	-10,578.90	-961.08	3,520.94	1,442.34	2,078.60	1.694			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: FEDERAL #7-29 (OWP) - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
20,800.00	10,973.00	7,787.00	7,703.90	219.10	5,345.90	-21.668	-10,578.90	-961.08	3,519.14	1,440.01	2,079.12	1.693			
20,850.00	10,973.00	7,787.00	7,703.90	220.10	5,345.90	-21.668	-10,578.90	-961.08	3,518.05	1,438.40	2,079.64	1.692			
20,900.00	10,973.00	7,787.00	7,703.90	221.09	5,345.90	-21.668	-10,578.90	-961.08	3,517.67	1,437.50	2,080.17	1.691			
20,901.80	10,973.00	7,787.00	7,703.90	221.13	5,345.90	-21.668	-10,578.90	-961.08	3,517.67	1,437.48	2,080.18	1.691	CC		
20,950.00	10,973.00	7,787.00	7,703.90	222.08	5,345.90	-21.668	-10,578.90	-961.08	3,518.00	1,437.31	2,080.69	1.691	ES, SF		
21,000.00	10,973.00	7,787.00	7,703.90	223.08	5,345.90	-21.668	-10,578.90	-961.08	3,519.04	1,437.83	2,081.21	1.691			
21,050.00	10,973.00	7,787.00	7,703.90	224.08	5,345.90	-21.668	-10,578.90	-961.08	3,520.79	1,439.06	2,081.73	1.691			
21,100.00	10,973.00	7,787.00	7,703.90	225.07	5,345.90	-21.668	-10,578.90	-961.08	3,523.24	1,440.99	2,082.25	1.692			
21,150.00	10,973.00	7,787.00	7,703.90	226.07	5,345.90	-21.668	-10,578.90	-961.08	3,526.41	1,443.64	2,082.77	1.693			
21,200.00	10,973.00	7,787.00	7,703.90	227.06	5,345.90	-21.668	-10,578.90	-961.08	3,530.28	1,446.99	2,083.29	1.695			
21,250.00	10,973.00	7,787.00	7,703.90	228.06	5,345.90	-21.668	-10,578.90	-961.08	3,534.86	1,451.04	2,083.82	1.696			
21,300.00	10,973.00	7,787.00	7,703.90	229.06	5,345.90	-21.668	-10,578.90	-961.08	3,540.13	1,455.79	2,084.34	1.698			
21,350.00	10,973.00	7,787.00	7,703.90	230.05	5,345.90	-21.668	-10,578.90	-961.08	3,546.10	1,461.25	2,084.86	1.701			
21,400.00	10,973.00	7,787.00	7,703.90	231.05	5,345.90	-21.668	-10,578.90	-961.08	3,552.77	1,467.39	2,085.38	1.704			
21,450.00	10,973.00	7,787.00	7,703.90	232.05	5,345.90	-21.668	-10,578.90	-961.08	3,560.13	1,474.22	2,085.90	1.707			
21,500.00	10,973.00	7,787.00	7,703.90	233.05	5,345.90	-21.668	-10,578.90	-961.08	3,568.17	1,481.74	2,086.42	1.710			
21,550.00	10,973.00	7,787.00	7,703.90	234.05	5,345.90	-21.668	-10,578.90	-961.08	3,576.89	1,489.94	2,086.95	1.714			
21,600.00	10,973.00	7,787.00	7,703.90	235.04	5,345.90	-21.668	-10,578.90	-961.08	3,586.29	1,498.82	2,087.47	1.718			
21,650.00	10,973.00	7,787.00	7,703.90	236.04	5,345.90	-21.668	-10,578.90	-961.08	3,596.36	1,508.37	2,087.99	1.722			
21,700.00	10,973.00	7,787.00	7,703.90	237.04	5,345.90	-21.668	-10,578.90	-961.08	3,607.09	1,518.58	2,088.51	1.727			
21,750.00	10,973.00	7,787.00	7,703.90	238.04	5,345.90	-21.668	-10,578.90	-961.08	3,618.48	1,529.45	2,089.03	1.732			
21,800.00	10,973.00	7,787.00	7,703.90	239.04	5,345.90	-21.668	-10,578.90	-961.08	3,630.53	1,540.97	2,089.56	1.737			
21,850.00	10,973.00	7,787.00	7,703.90	240.04	5,345.90	-21.668	-10,578.90	-961.08	3,643.22	1,553.14	2,090.08	1.743			
21,900.00	10,973.00	7,787.00	7,703.90	241.04	5,345.90	-21.668	-10,578.90	-961.08	3,656.55	1,565.95	2,090.60	1.749			
21,950.00	10,973.00	7,787.00	7,703.90	242.04	5,345.90	-21.668	-10,578.90	-961.08	3,670.52	1,579.39	2,091.12	1.755			
22,000.00	10,973.00	7,787.00	7,703.90	243.04	5,345.90	-21.668	-10,578.90	-961.08	3,685.11	1,593.46	2,091.64	1.762			
22,050.00	10,973.00	7,787.00	7,703.90	244.04	5,345.90	-21.668	-10,578.90	-961.08	3,700.31	1,608.15	2,092.17	1.769			
22,100.00	10,973.00	7,787.00	7,703.90	245.04	5,345.90	-21.668	-10,578.90	-961.08	3,716.13	1,623.45	2,092.69	1.776			
22,150.00	10,973.00	7,787.00	7,703.90	246.04	5,345.90	-21.668	-10,578.90	-961.08	3,732.56	1,639.34	2,093.21	1.783			
22,200.00	10,973.00	7,787.00	7,703.90	247.05	5,345.90	-21.668	-10,578.90	-961.08	3,749.57	1,655.84	2,093.73	1.791			
22,250.00	10,973.00	7,787.00	7,703.90	248.05	5,345.90	-21.668	-10,578.90	-961.08	3,767.18	1,672.92	2,094.26	1.799			
22,300.00	10,973.00	7,787.00	7,703.90	249.05	5,345.90	-21.668	-10,578.90	-961.08	3,785.36	1,690.58	2,094.78	1.807			
22,350.00	10,973.00	7,787.00	7,703.90	250.05	5,345.90	-21.668	-10,578.90	-961.08	3,804.11	1,708.81	2,095.30	1.816			
22,400.00	10,973.00	7,787.00	7,703.90	251.05	5,345.90	-21.668	-10,578.90	-961.08	3,823.42	1,727.60	2,095.82	1.824			
22,450.00	10,973.00	7,787.00	7,703.90	252.06	5,345.90	-21.668	-10,578.90	-961.08	3,843.29	1,746.95	2,096.34	1.833			
22,500.00	10,973.00	7,787.00	7,703.90	253.06	5,345.90	-21.668	-10,578.90	-961.08	3,863.70	1,766.84	2,096.87	1.843			
22,550.00	10,973.00	7,787.00	7,703.90	254.06	5,345.90	-21.668	-10,578.90	-961.08	3,884.65	1,787.26	2,097.39	1.852			
22,600.00	10,973.00	7,787.00	7,703.90	255.06	5,345.90	-21.668	-10,578.90	-961.08	3,906.13	1,808.22	2,097.91	1.862			
22,650.00	10,973.00	7,787.00	7,703.90	256.07	5,345.90	-21.668	-10,578.90	-961.08	3,928.13	1,829.69	2,098.44	1.872			
22,700.00	10,973.00	7,787.00	7,703.90	257.07	5,345.90	-21.668	-10,578.90	-961.08	3,950.63	1,851.67	2,098.96	1.882			
22,750.00	10,973.00	7,787.00	7,703.90	258.07	5,345.90	-21.668	-10,578.90	-961.08	3,973.64	1,874.16	2,099.48	1.893			
22,800.00	10,973.00	7,787.00	7,703.90	259.08	5,345.90	-21.668	-10,578.90	-961.08	3,997.14	1,897.14	2,100.00	1.903			
22,850.00	10,973.00	7,787.00	7,703.90	260.08	5,345.90	-21.668	-10,578.90	-961.08	4,021.13	1,920.60	2,100.53	1.914			
22,900.00	10,973.00	7,787.00	7,703.90	261.08	5,345.90	-21.668	-10,578.90	-961.08	4,045.59	1,944.54	2,101.05	1.926			
22,950.00	10,973.00	7,787.00	7,703.90	262.09	5,345.90	-21.668	-10,578.90	-961.08	4,070.51	1,968.94	2,101.57	1.937			
23,000.00	10,973.00	7,787.00	7,703.90	263.09	5,345.90	-21.668	-10,578.90	-961.08	4,095.90	1,993.81	2,102.09	1.948			
23,050.00	10,973.00	7,787.00	7,703.90	264.10	5,345.90	-21.668	-10,578.90	-961.08	4,121.74	2,019.12	2,102.62	1.960			
23,100.00	10,973.00	7,787.00	7,703.90	265.10	5,345.90	-21.668	-10,578.90	-961.08	4,148.02	2,044.88	2,103.14	1.972			
23,150.00	10,973.00	7,787.00	7,703.90	266.11	5,345.90	-21.668	-10,578.90	-961.08	4,174.73	2,071.07	2,103.66	1.985			
23,200.00	10,973.00	7,787.00	7,703.90	267.11	5,345.90	-21.668	-10,578.90	-961.08	4,201.87	2,097.68	2,104.19	1.997			
23,250.00	10,973.00	7,787.00	7,703.90	268.12	5,345.90	-21.668	-10,578.90	-961.08	4,229.42	2,124.71	2,104.71	2.010			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

<b>Offset Design</b> MOHEE FED 0297-17-29 - OFFSET: FEDERAL #7-29 (OWP) - Wellbore #1 - Wellbore #1												<b>Offset Site Error:</b> 0.00 usft
Survey Program: 300-BLIND												<b>Offset Well Error:</b> 0.00 usft
Reference		Offset		Semi Major Axis			Distance				Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)
23,300.00	10,973.00	7,787.00	7,703.90	269.12	5,345.90	-21.668	-10,578.90	-961.08	4,257.38	2,152.15	2,105.23	2.022
23,350.00	10,973.00	7,787.00	7,703.90	270.13	5,345.90	-21.668	-10,578.90	-961.08	4,285.75	2,179.99	2,105.76	2.035
23,400.00	10,973.00	7,787.00	7,703.90	271.13	5,345.90	-21.668	-10,578.90	-961.08	4,314.51	2,208.23	2,106.28	2.048
23,448.12	10,973.00	7,787.00	7,703.90	272.10	5,345.90	-21.668	-10,578.90	-961.08	4,342.55	2,235.77	2,106.78	2.061



Anticollision Report

Company: ANSCHUTZ EXPLORATION CORP. Local Co-ordinate Reference: Well 14NH - Slot Mohee Fed 0297-17-29-14NH
Project: RIO BLANCO COUNTY, COLORADO (NAD-83) TVD Reference: RKB = 27.5 @ 6018.90usft (TBD)
Reference Site: MOHEE FED 0297-17-29 MD Reference: RKB = 27.5 @ 6018.90usft (TBD)
Site Error: 0.00 usft North Reference: Grid
Reference Well: 14NH Survey Calculation Method: Minimum Curvature
Well Error: 0.00 usft Output errors are at 2.00 sigma
Reference Wellbore: OH Database: EDM 5000.1.13 Single User Db
Reference Design: PERMIT Offset TVD Reference: Reference Datum

Offset Design MOHEE FED 0297-17-29 - OFFSET: LLOYD-FEDERAL #22-X-17 - Wellbore #1 - Wellbore #1
Survey Program: 200-BLIND
Reference Offset Semi Major Axis Distance
Measured Depth Vertical Measured Depth Vertical Reference Offset Highside Offset Wellbore Centre Between Centres Between Ellipses Minimum Separation Separation Factor Warning
(usft) (usft) (usft) (usft) (usft) (usft) (°) (+N/-S) (+E/-W) (usft) (usft) (usft) (usft) (usft)

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design														MOHEE FED 0297-17-29 - OFFSET: LLOYD-FEDERAL #22-X-17 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 200-BLIND															Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
2,850.00	2,822.53	2,713.63	2,822.53	11.50	1,829.54	32.515	298.04	-1,824.75	1,591.62	-221.65	1,813.27	0.878	Level 1			
2,900.00	2,871.50	2,762.60	2,871.50	11.76	1,863.82	32.710	298.04	-1,824.75	1,583.06	-264.32	1,847.38	0.857	Level 1			
2,950.00	2,920.47	2,811.57	2,920.47	12.02	1,898.10	32.907	298.04	-1,824.75	1,574.52	-306.98	1,881.50	0.837	Level 1			
3,000.00	2,969.44	2,860.54	2,969.44	12.28	1,932.38	33.107	298.04	-1,824.75	1,566.00	-349.63	1,915.63	0.817	Level 1			
3,050.00	3,018.41	2,909.51	3,018.41	12.54	1,966.66	33.309	298.04	-1,824.75	1,557.50	-392.27	1,949.76	0.799	Level 1			
3,100.00	3,067.38	2,958.48	3,067.38	12.80	2,000.93	33.512	298.04	-1,824.75	1,549.01	-434.89	1,983.90	0.781	Level 1			
3,150.00	3,116.35	3,007.45	3,116.35	13.06	2,035.21	33.719	298.04	-1,824.75	1,540.55	-477.50	2,018.05	0.763	Level 1			
3,200.00	3,165.32	3,056.42	3,165.32	13.32	2,069.49	33.927	298.04	-1,824.75	1,532.10	-520.11	2,052.21	0.747	Level 1			
3,250.00	3,214.28	3,105.38	3,214.28	13.58	2,103.77	34.138	298.04	-1,824.75	1,523.68	-562.69	2,086.37	0.730	Level 1			
3,300.00	3,263.25	3,154.35	3,263.25	13.84	2,138.05	34.350	298.04	-1,824.75	1,515.27	-605.27	2,120.54	0.715	Level 1			
3,350.00	3,312.22	3,203.32	3,312.22	14.11	2,172.33	34.566	298.04	-1,824.75	1,506.89	-647.83	2,154.72	0.699	Level 1			
3,400.00	3,361.19	3,252.29	3,361.19	14.37	2,206.60	34.783	298.04	-1,824.75	1,498.53	-690.38	2,188.91	0.685	Level 1			
3,450.00	3,410.16	3,301.26	3,410.16	14.63	2,240.88	35.003	298.04	-1,824.75	1,490.19	-732.92	2,223.11	0.670	Level 1			
3,500.00	3,459.13	3,350.23	3,459.13	14.90	2,275.16	35.226	298.04	-1,824.75	1,481.87	-775.44	2,257.31	0.656	Level 1			
3,550.00	3,508.10	3,399.20	3,508.10	15.16	2,309.44	35.451	298.04	-1,824.75	1,473.57	-817.95	2,291.53	0.643	Level 1			
3,600.00	3,557.07	3,448.17	3,557.07	15.43	2,343.72	35.678	298.04	-1,824.75	1,465.30	-860.45	2,325.75	0.630	Level 1			
3,650.00	3,606.04	3,497.14	3,606.04	15.69	2,378.00	35.908	298.04	-1,824.75	1,457.05	-902.93	2,359.98	0.617	Level 1			
3,700.00	3,655.01	3,546.11	3,655.01	15.96	2,412.28	36.141	298.04	-1,824.75	1,448.82	-945.39	2,394.22	0.605	Level 1			
3,750.00	3,703.98	3,595.08	3,703.98	16.22	2,446.55	36.376	298.04	-1,824.75	1,440.62	-987.85	2,428.47	0.593	Level 1			
3,800.00	3,752.95	3,644.05	3,752.95	16.49	2,480.83	36.614	298.04	-1,824.75	1,432.44	-1,030.28	2,462.72	0.582	Level 1			
3,850.00	3,801.92	3,693.02	3,801.92	16.75	2,515.11	36.855	298.04	-1,824.75	1,424.29	-1,072.71	2,496.99	0.570	Level 1			
3,900.00	3,850.88	3,741.98	3,850.88	17.02	2,549.39	37.098	298.04	-1,824.75	1,416.16	-1,115.11	2,531.27	0.559	Level 1			
3,950.00	3,899.85	3,790.95	3,899.85	17.29	2,583.67	37.344	298.04	-1,824.75	1,408.05	-1,157.50	2,565.55	0.549	Level 1			
4,000.00	3,948.82	3,839.92	3,948.82	17.55	2,617.95	37.593	298.04	-1,824.75	1,399.98	-1,199.88	2,599.85	0.538	Level 1			
4,050.00	3,997.79	3,888.89	3,997.79	17.82	2,652.22	37.844	298.04	-1,824.75	1,391.92	-1,242.23	2,634.16	0.528	Level 1			
4,100.00	4,046.76	3,937.86	4,046.76	18.08	2,686.50	38.099	298.04	-1,824.75	1,383.90	-1,284.58	2,668.47	0.519	Level 1			
4,150.00	4,095.73	3,986.83	4,095.73	18.35	2,720.78	38.356	298.04	-1,824.75	1,375.90	-1,326.90	2,702.80	0.509	Level 1			
4,200.00	4,144.70	4,035.80	4,144.70	18.62	2,755.06	38.617	298.04	-1,824.75	1,367.93	-1,369.21	2,737.14	0.500	Level 1			
4,250.00	4,193.67	4,084.77	4,193.67	18.89	2,789.34	38.880	298.04	-1,824.75	1,359.99	-1,411.50	2,771.49	0.491	Level 1			
4,300.00	4,242.64	4,133.74	4,242.64	19.15	2,823.62	39.147	298.04	-1,824.75	1,352.08	-1,453.77	2,805.85	0.482	Level 1			
4,350.00	4,291.61	4,182.71	4,291.61	19.42	2,857.89	39.416	298.04	-1,824.75	1,344.20	-1,496.02	2,840.22	0.473	Level 1			
4,400.00	4,340.58	4,231.68	4,340.58	19.69	2,892.17	39.689	298.04	-1,824.75	1,336.34	-1,538.26	2,874.60	0.465	Level 1			
4,450.00	4,389.55	4,280.65	4,389.55	19.96	2,926.45	39.965	298.04	-1,824.75	1,328.52	-1,580.47	2,908.99	0.457	Level 1			
4,500.00	4,438.51	4,329.61	4,438.51	20.22	2,960.73	40.244	298.04	-1,824.75	1,320.73	-1,622.67	2,943.40	0.449	Level 1			
4,550.00	4,487.48	4,378.58	4,487.48	20.49	2,995.01	40.526	298.04	-1,824.75	1,312.97	-1,664.85	2,977.81	0.441	Level 1			
4,600.00	4,536.45	4,427.55	4,536.45	20.76	3,029.29	40.812	298.04	-1,824.75	1,305.24	-1,707.00	3,012.24	0.433	Level 1			
4,650.00	4,585.42	4,476.52	4,585.42	21.03	3,063.57	41.101	298.04	-1,824.75	1,297.54	-1,749.14	3,046.68	0.426	Level 1			
4,700.00	4,634.39	4,525.49	4,634.39	21.30	3,097.84	41.393	298.04	-1,824.75	1,289.88	-1,791.25	3,081.14	0.419	Level 1			
4,750.00	4,683.36	4,574.46	4,683.36	21.57	3,132.12	41.689	298.04	-1,824.75	1,282.25	-1,833.35	3,115.60	0.412	Level 1			
4,800.00	4,732.33	4,623.43	4,732.33	21.83	3,166.40	41.988	298.04	-1,824.75	1,274.66	-1,875.42	3,150.08	0.405	Level 1			
4,850.00	4,781.30	4,672.40	4,781.30	22.10	3,200.68	42.291	298.04	-1,824.75	1,267.10	-1,917.47	3,184.57	0.398	Level 1			
4,900.00	4,830.27	4,721.37	4,830.27	22.37	3,234.96	42.597	298.04	-1,824.75	1,259.58	-1,959.50	3,219.08	0.391	Level 1			
4,950.00	4,879.24	4,770.34	4,879.24	22.64	3,269.24	42.907	298.04	-1,824.75	1,252.09	-2,001.50	3,253.59	0.385	Level 1			
5,000.00	4,928.21	4,819.31	4,928.21	22.91	3,303.51	43.220	298.04	-1,824.75	1,244.64	-2,043.49	3,288.12	0.379	Level 1			
5,050.00	4,977.18	4,868.28	4,977.18	23.18	3,337.79	43.537	298.04	-1,824.75	1,237.22	-2,085.44	3,322.67	0.372	Level 1			
5,100.00	5,026.14	4,917.24	5,026.14	23.45	3,372.07	43.858	298.04	-1,824.75	1,229.85	-2,127.38	3,357.23	0.366	Level 1			
5,150.00	5,075.11	4,966.21	5,075.11	23.72	3,406.35	44.183	298.04	-1,824.75	1,222.51	-2,169.28	3,391.80	0.360	Level 1			
5,200.00	5,124.08	5,015.18	5,124.08	23.98	3,440.63	44.512	298.04	-1,824.75	1,215.22	-2,211.17	3,426.38	0.355	Level 1			
5,250.00	5,173.05	5,064.15	5,173.05	24.25	3,474.91	44.844	298.04	-1,824.75	1,207.96	-2,253.02	3,460.98	0.349	Level 1			
5,300.00	5,222.02	5,113.12	5,222.02	24.52	3,509.19	45.180	298.04	-1,824.75	1,200.75	-2,294.85	3,495.60	0.344	Level 1			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: LLOYD-FEDERAL #22-X-17 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft		
Survey Program: 200-BLIND																Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor					
5,350.00	5,270.99	5,162.09	5,270.99	24.79	3,543.46	45.521	298.04	-1,824.75	1,193.57	-2,336.65	3,530.23	0.338	Level 1				
5,400.00	5,319.96	5,211.06	5,319.96	25.06	3,577.74	45.865	298.04	-1,824.75	1,186.44	-2,378.43	3,564.87	0.333	Level 1				
5,450.00	5,368.93	5,260.03	5,368.93	25.33	3,612.02	46.214	298.04	-1,824.75	1,179.36	-2,420.17	3,599.53	0.328	Level 1				
5,500.00	5,417.90	5,309.00	5,417.90	25.60	3,646.30	46.566	298.04	-1,824.75	1,172.32	-2,461.89	3,634.20	0.323	Level 1				
5,550.00	5,466.87	5,357.97	5,466.87	25.87	3,680.58	46.923	298.04	-1,824.75	1,165.32	-2,503.58	3,668.89	0.318	Level 1				
5,600.00	5,515.84	5,406.94	5,515.84	26.14	3,714.86	47.284	298.04	-1,824.75	1,158.37	-2,545.23	3,703.60	0.313	Level 1				
5,650.00	5,564.81	5,455.91	5,564.81	26.41	3,749.13	47.649	298.04	-1,824.75	1,151.46	-2,586.86	3,738.32	0.308	Level 1				
5,700.00	5,613.78	5,504.88	5,613.78	26.68	3,783.41	48.018	298.04	-1,824.75	1,144.60	-2,628.45	3,773.05	0.303	Level 1				
5,750.00	5,662.74	5,553.84	5,662.74	26.95	3,817.69	48.392	298.04	-1,824.75	1,137.79	-2,670.01	3,807.80	0.299	Level 1				
5,800.00	5,711.71	5,602.81	5,711.71	27.22	3,851.97	48.770	298.04	-1,824.75	1,131.03	-2,711.53	3,842.57	0.294	Level 1				
5,850.00	5,760.68	5,651.78	5,760.68	27.49	3,886.25	49.153	298.04	-1,824.75	1,124.32	-2,753.02	3,877.35	0.290	Level 1				
5,900.00	5,809.65	5,700.75	5,809.65	27.76	3,920.53	49.540	298.04	-1,824.75	1,117.67	-2,794.48	3,912.15	0.286	Level 1				
5,950.00	5,858.62	5,749.72	5,858.62	28.03	3,954.80	49.931	298.04	-1,824.75	1,111.06	-2,835.90	3,946.96	0.281	Level 1				
6,000.00	5,907.59	5,798.69	5,907.59	28.30	3,989.08	50.327	298.04	-1,824.75	1,104.50	-2,877.28	3,981.79	0.277	Level 1				
6,050.00	5,956.56	5,847.66	5,956.56	28.57	4,023.36	50.728	298.04	-1,824.75	1,098.00	-2,918.63	4,016.63	0.273	Level 1				
6,100.00	6,005.53	5,896.63	6,005.53	28.84	4,057.64	51.133	298.04	-1,824.75	1,091.56	-2,959.94	4,051.49	0.269	Level 1				
6,150.00	6,054.50	5,945.60	6,054.50	29.11	4,091.92	51.543	298.04	-1,824.75	1,085.17	-3,001.20	4,086.37	0.266	Level 1				
6,200.00	6,103.47	5,994.57	6,103.47	29.38	4,126.20	51.958	298.04	-1,824.75	1,078.83	-3,042.43	4,121.26	0.262	Level 1				
6,250.00	6,152.44	6,043.54	6,152.44	29.65	4,160.48	52.378	298.04	-1,824.75	1,072.56	-3,083.61	4,156.17	0.258	Level 1				
6,300.00	6,201.41	6,092.51	6,201.41	29.92	4,194.75	52.802	298.04	-1,824.75	1,066.34	-3,124.75	4,191.10	0.254	Level 1				
6,350.00	6,250.37	6,141.47	6,250.37	30.19	4,229.03	53.231	298.04	-1,824.75	1,060.19	-3,165.85	4,226.04	0.251	Level 1				
6,400.00	6,299.34	6,190.44	6,299.34	30.46	4,263.31	53.665	298.04	-1,824.75	1,054.09	-3,206.90	4,260.99	0.247	Level 1				
6,450.00	6,348.31	6,239.41	6,348.31	30.73	4,297.59	54.104	298.04	-1,824.75	1,048.05	-3,247.91	4,295.96	0.244	Level 1				
6,500.00	6,397.28	6,288.38	6,397.28	31.00	4,331.87	54.547	298.04	-1,824.75	1,042.08	-3,288.87	4,330.95	0.241	Level 1				
6,550.00	6,446.25	6,337.35	6,446.25	31.28	4,366.15	54.996	298.04	-1,824.75	1,036.18	-3,329.78	4,365.95	0.237	Level 1				
6,600.00	6,495.22	6,386.32	6,495.22	31.55	4,400.42	55.450	298.04	-1,824.75	1,030.33	-3,370.64	4,400.97	0.234	Level 1				
6,650.00	6,544.19	6,435.29	6,544.19	31.82	4,434.70	55.908	298.04	-1,824.75	1,024.56	-3,411.44	4,436.00	0.231	Level 1				
6,700.00	6,593.16	6,484.26	6,593.16	32.09	4,468.98	56.372	298.04	-1,824.75	1,018.85	-3,452.20	4,471.05	0.228	Level 1				
6,750.00	6,642.13	6,533.23	6,642.13	32.36	4,503.26	56.841	298.04	-1,824.75	1,013.21	-3,492.90	4,506.11	0.225	Level 1				
6,800.00	6,691.10	6,582.20	6,691.10	32.63	4,537.54	57.315	298.04	-1,824.75	1,007.64	-3,533.55	4,541.19	0.222	Level 1				
6,850.00	6,740.07	6,631.17	6,740.07	32.90	4,571.82	57.794	298.04	-1,824.75	1,002.14	-3,574.13	4,576.27	0.219	Level 1				
6,900.00	6,789.04	6,680.14	6,789.04	33.17	4,606.10	58.277	298.04	-1,824.75	996.71	-3,614.66	4,611.38	0.216	Level 1				
6,950.00	6,838.01	6,729.11	6,838.01	33.44	4,640.37	58.767	298.04	-1,824.75	991.36	-3,655.13	4,646.49	0.213	Level 1				
7,000.00	6,886.97	6,778.07	6,886.97	33.71	4,674.65	59.261	298.04	-1,824.75	986.08	-3,695.54	4,681.62	0.211	Level 1				
7,050.00	6,935.94	6,827.04	6,935.94	33.98	4,708.93	59.760	298.04	-1,824.75	980.87	-3,735.89	4,716.76	0.208	Level 1				
7,100.00	6,984.91	6,876.01	6,984.91	34.25	4,743.21	60.265	298.04	-1,824.75	975.75	-3,776.17	4,751.91	0.205	Level 1				
7,150.00	7,033.88	6,924.98	7,033.88	34.52	4,777.49	60.774	298.04	-1,824.75	970.70	-3,816.38	4,787.08	0.203	Level 1				
7,200.00	7,082.85	6,973.95	7,082.85	34.79	4,811.77	61.289	298.04	-1,824.75	965.73	-3,856.52	4,822.25	0.200	Level 1				
7,250.00	7,131.82	7,022.92	7,131.82	35.07	4,846.04	61.809	298.04	-1,824.75	960.84	-3,896.60	4,857.44	0.198	Level 1				
7,300.00	7,180.79	7,071.89	7,180.79	35.34	4,880.32	62.334	298.04	-1,824.75	956.03	-3,936.60	4,892.63	0.195	Level 1				
7,350.00	7,229.76	7,120.86	7,229.76	35.61	4,914.60	62.864	298.04	-1,824.75	951.30	-3,976.53	4,927.83	0.193	Level 1				
7,400.00	7,278.73	7,169.83	7,278.73	35.88	4,948.88	63.399	298.04	-1,824.75	946.66	-4,016.38	4,963.04	0.191	Level 1				
7,450.00	7,327.70	7,218.80	7,327.70	36.15	4,983.16	63.939	298.04	-1,824.75	942.11	-4,056.15	4,998.26	0.188	Level 1				
7,500.00	7,376.67	7,267.77	7,376.67	36.42	5,017.44	64.484	298.04	-1,824.75	937.64	-4,095.85	5,033.49	0.186	Level 1				
7,550.00	7,425.64	7,316.74	7,425.64	36.69	5,051.71	65.034	298.04	-1,824.75	933.26	-4,135.46	5,068.72	0.184	Level 1				
7,600.00	7,474.60	7,365.70	7,474.60	36.96	5,085.99	65.589	298.04	-1,824.75	928.97	-4,174.99	5,103.96	0.182	Level 1				
7,650.00	7,523.57	7,414.67	7,523.57	37.23	5,120.27	66.149	298.04	-1,824.75	924.76	-4,214.43	5,139.20	0.180	Level 1				
7,700.00	7,572.54	7,463.64	7,572.54	37.51	5,154.55	66.714	298.04	-1,824.75	920.66	-4,253.79	5,174.44	0.178	Level 1				
7,750.00	7,621.51	7,512.61	7,621.51	37.78	5,188.83	67.284	298.04	-1,824.75	916.64	-4,293.05	5,209.69	0.176	Level 1				
7,800.00	7,670.48	7,561.58	7,670.48	38.05	5,223.11	67.859	298.04	-1,824.75	912.72	-4,332.22	5,244.94	0.174	Level 1				
7,850.00	7,719.45	7,610.55	7,719.45	38.32	5,257.39	68.438	298.04	-1,824.75	908.89	-4,371.30	5,280.18	0.172	Level 1				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 200-BLIND													Offset Well Error:	0.00 usft
MOHEE FED 0297-17-29 - OFFSET: LLOYD-FEDERAL #22-X-17 - Wellbore #1 - Wellbore #1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
7,900.00	7,768.42	7,659.52	7,768.42	38.59	5,291.66	69.022	298.04	-1,824.75	905.16	-4,410.28	5,315.43	0.170	Level 1	
7,950.00	7,817.39	7,708.49	7,817.39	38.86	5,325.94	69.610	298.04	-1,824.75	901.52	-4,449.16	5,350.68	0.168	Level 1	
8,000.00	7,866.36	7,757.46	7,866.36	39.13	5,360.22	70.203	298.04	-1,824.75	897.99	-4,487.93	5,385.92	0.167	Level 1	
8,050.00	7,915.33	7,806.43	7,915.33	39.40	5,394.50	70.801	298.04	-1,824.75	894.56	-4,526.61	5,421.16	0.165	Level 1	
8,100.00	7,964.30	7,855.40	7,964.30	39.68	5,428.78	71.403	298.04	-1,824.75	891.22	-4,565.18	5,456.40	0.163	Level 1	
8,150.00	8,013.27	7,904.37	8,013.27	39.95	5,463.06	72.009	298.04	-1,824.75	887.99	-4,603.63	5,491.63	0.162	Level 1	
8,200.00	8,062.23	7,953.33	8,062.23	40.22	5,497.33	72.619	298.04	-1,824.75	884.87	-4,641.98	5,526.85	0.160	Level 1	
8,250.00	8,111.20	8,002.30	8,111.20	40.49	5,531.61	73.234	298.04	-1,824.75	881.84	-4,680.22	5,562.06	0.159	Level 1	
8,300.00	8,160.17	8,051.27	8,160.17	40.76	5,565.89	73.852	298.04	-1,824.75	878.93	-4,718.34	5,597.26	0.157	Level 1	
8,350.00	8,209.14	8,100.24	8,209.14	41.03	5,600.17	74.475	298.04	-1,824.75	876.12	-4,756.34	5,632.46	0.156	Level 1	
8,400.00	8,258.11	8,149.21	8,258.11	41.30	5,634.45	75.101	298.04	-1,824.75	873.41	-4,794.22	5,667.63	0.154	Level 1	
8,450.00	8,307.08	8,198.18	8,307.08	41.57	5,668.73	75.731	298.04	-1,824.75	870.82	-4,831.98	5,702.80	0.153	Level 1	
8,500.00	8,356.05	8,247.15	8,356.05	41.85	5,703.00	76.364	298.04	-1,824.75	868.34	-4,869.61	5,737.95	0.151	Level 1	
8,550.00	8,405.02	8,296.12	8,405.02	42.12	5,737.28	77.001	298.04	-1,824.75	865.96	-4,907.12	5,773.08	0.150	Level 1	
8,600.00	8,453.99	8,345.09	8,453.99	42.39	5,771.56	77.641	298.04	-1,824.75	863.70	-4,944.50	5,808.20	0.149	Level 1	
8,650.00	8,502.96	8,394.06	8,502.96	42.66	5,805.84	78.284	298.04	-1,824.75	861.55	-4,981.74	5,843.30	0.147	Level 1	
8,700.00	8,551.93	8,443.03	8,551.93	42.93	5,840.12	78.930	298.04	-1,824.75	859.52	-5,018.86	5,878.37	0.146	Level 1	
8,750.00	8,600.90	8,492.00	8,600.90	43.20	5,874.40	79.579	298.04	-1,824.75	857.60	-5,055.83	5,913.43	0.145	Level 1	
8,800.00	8,649.87	8,540.97	8,649.87	43.47	5,908.68	80.234	298.04	-1,824.75	855.79	-5,092.67	5,948.46	0.144	Level 1	
8,850.00	8,698.83	8,589.93	8,698.83	43.75	5,942.95	80.885	298.04	-1,824.75	854.10	-5,129.37	5,983.47	0.143	Level 1	
8,900.00	8,747.80	8,638.90	8,747.80	44.02	5,977.23	81.542	298.04	-1,824.75	852.53	-5,165.93	6,018.45	0.142	Level 1	
8,950.00	8,796.77	8,687.87	8,796.77	44.29	6,011.51	82.201	298.04	-1,824.75	851.07	-5,202.34	6,053.41	0.141	Level 1	
9,000.00	8,845.74	8,736.84	8,845.74	44.56	6,045.79	82.862	298.04	-1,824.75	849.73	-5,238.61	6,088.34	0.140	Level 1	
9,050.00	8,894.71	8,785.81	8,894.71	44.83	6,080.07	83.525	298.04	-1,824.75	848.51	-5,274.73	6,123.24	0.139	Level 1	
9,100.00	8,943.68	8,834.78	8,943.68	45.10	6,114.35	84.190	298.04	-1,824.75	847.40	-5,310.70	6,158.10	0.138	Level 1	
9,150.00	8,992.65	8,883.75	8,992.65	45.38	6,148.62	84.856	298.04	-1,824.75	846.42	-5,346.52	6,192.94	0.137	Level 1	
9,200.00	9,041.62	8,932.72	9,041.62	45.65	6,182.90	85.524	298.04	-1,824.75	845.55	-5,382.19	6,227.75	0.136	Level 1	
9,250.00	9,090.59	8,981.69	9,090.59	45.92	6,217.18	86.193	298.04	-1,824.75	844.81	-5,417.71	6,262.52	0.135	Level 1	
9,300.00	9,139.56	9,030.66	9,139.56	46.19	6,251.46	86.863	298.04	-1,824.75	844.18	-5,453.07	6,297.26	0.134	Level 1	
9,350.00	9,188.53	9,079.63	9,188.53	46.46	6,285.74	87.534	298.04	-1,824.75	843.68	-5,488.28	6,331.96	0.133	Level 1	
9,400.00	9,237.50	9,128.60	9,237.50	46.73	6,320.02	88.205	298.04	-1,824.75	843.30	-5,523.33	6,366.62	0.132	Level 1	
9,450.00	9,286.46	9,177.56	9,286.46	47.01	6,354.30	88.877	298.04	-1,824.75	843.03	-5,558.22	6,401.25	0.132	Level 1	
9,500.00	9,335.43	9,226.53	9,335.43	47.28	6,388.57	89.549	298.04	-1,824.75	842.89	-5,592.95	6,435.84	0.131	Level 1	
9,533.50	9,368.25	9,259.35	9,368.25	47.46	6,411.54	90.000	298.04	-1,824.75	842.87	-5,616.13	6,459.00	0.130	Level 1, CC	
9,550.00	9,384.40	9,275.50	9,384.40	47.55	6,422.85	90.222	298.04	-1,824.75	842.87	-5,627.52	6,470.39	0.130	Level 1	
9,600.00	9,433.37	9,324.47	9,433.37	47.82	6,457.13	90.894	298.04	-1,824.75	842.97	-5,661.93	6,504.91	0.130	Level 1	
9,650.00	9,482.34	9,373.44	9,482.34	48.09	6,491.41	91.566	298.04	-1,824.75	843.19	-5,696.19	6,539.38	0.129	Level 1	
9,700.00	9,531.31	9,422.41	9,531.31	48.36	6,525.69	92.238	298.04	-1,824.75	843.54	-5,730.28	6,573.81	0.128	Level 1	
9,750.00	9,580.28	9,471.38	9,580.28	48.64	6,559.97	92.909	298.04	-1,824.75	844.00	-5,764.21	6,608.20	0.128	Level 1	
9,800.00	9,629.25	9,520.35	9,629.25	48.91	6,594.24	93.579	298.04	-1,824.75	844.58	-5,797.97	6,642.56	0.127	Level 1	
9,850.00	9,678.22	9,569.32	9,678.22	49.18	6,628.52	94.249	298.04	-1,824.75	845.29	-5,831.58	6,676.87	0.127	Level 1	
9,900.00	9,727.19	9,618.29	9,727.19	49.45	6,662.80	94.917	298.04	-1,824.75	846.11	-5,865.02	6,711.13	0.126	Level 1	
9,950.00	9,776.16	9,667.26	9,776.16	49.72	6,697.08	95.584	298.04	-1,824.75	847.05	-5,898.31	6,745.36	0.126	Level 1	
10,000.00	9,825.13	9,716.23	9,825.13	49.99	6,731.36	96.249	298.04	-1,824.75	848.12	-5,931.43	6,779.55	0.125	Level 1	
10,050.00	9,874.09	9,765.19	9,874.09	50.27	6,765.64	96.913	298.04	-1,824.75	849.30	-5,964.39	6,813.69	0.125	Level 1	
10,100.00	9,923.06	9,814.16	9,923.06	50.54	6,799.91	97.574	298.04	-1,824.75	850.60	-5,997.19	6,847.79	0.124	Level 1	
10,150.00	9,972.03	9,863.13	9,972.03	50.81	6,834.19	98.234	298.04	-1,824.75	852.02	-6,029.83	6,881.85	0.124	Level 1	
10,200.00	10,021.00	9,912.10	10,021.00	51.08	6,868.47	98.892	298.04	-1,824.75	853.55	-6,062.31	6,915.86	0.123	Level 1	
10,250.00	10,069.97	9,961.07	10,069.97	51.35	6,902.75	99.547	298.04	-1,824.75	855.20	-6,094.64	6,949.84	0.123	Level 1	
10,300.00	10,118.94	10,010.04	10,118.94	51.62	6,937.03	100.199	298.04	-1,824.75	856.97	-6,126.81	6,983.77	0.123	Level 1	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: LLOYD-FEDERAL #22-X-17 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 200-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
10,350.00	10,167.91	10,059.01	10,167.91	51.90	6,971.31	100.849	298.04	-1,824.75	858.85	-6,158.82	7,017.67	0.122	Level 1		
10,400.00	10,216.88	10,107.98	10,216.88	52.17	7,005.59	101.497	298.04	-1,824.75	860.85	-6,190.67	7,051.52	0.122	Level 1		
10,450.00	10,265.85	10,156.95	10,265.85	52.44	7,039.86	102.141	298.04	-1,824.75	862.96	-6,222.38	7,085.34	0.122	Level 1		
10,500.00	10,314.82	10,205.92	10,314.82	52.71	7,074.14	102.782	298.04	-1,824.75	865.18	-6,253.93	7,119.11	0.122	Level 1		
10,550.00	10,363.79	10,254.89	10,363.79	52.98	7,108.42	103.420	298.04	-1,824.75	867.52	-6,285.33	7,152.85	0.121	Level 1		
10,600.00	10,412.76	10,303.86	10,412.76	53.25	7,142.70	104.054	298.04	-1,824.75	869.96	-6,316.58	7,186.54	0.121	Level 1		
10,618.11	10,430.50	10,321.60	10,430.50	53.35	7,155.12	104.283	298.04	-1,824.75	870.88	-6,327.86	7,198.74	0.121	Level 1, ES, SF		
10,650.00	10,461.64	10,352.74	10,461.64	53.53	7,176.92	116.545	298.04	-1,824.75	873.53	-6,318.71	7,192.06	0.121	Level 1		
10,700.00	10,509.99	10,401.09	10,509.99	53.83	7,210.76	130.293	298.04	-1,824.75	880.64	-6,260.58	7,141.23	0.123	Level 1		
10,750.00	10,557.44	10,448.54	10,557.44	54.14	7,243.98	139.297	298.04	-1,824.75	892.09	-6,149.02	7,041.10	0.127	Level 1		
10,800.00	10,603.67	10,494.77	10,603.67	54.47	7,276.34	145.427	298.04	-1,824.75	907.60	-5,984.54	6,892.15	0.132	Level 1		
10,850.00	10,648.37	10,539.47	10,648.37	54.81	7,307.63	149.800	298.04	-1,824.75	927.09	-5,768.34	6,695.43	0.138	Level 1		
10,900.00	10,691.23	10,582.33	10,691.23	55.17	7,337.63	153.041	298.04	-1,824.75	950.42	-5,502.28	6,452.70	0.147	Level 1		
10,950.00	10,731.95	10,623.05	10,731.95	55.53	7,366.14	155.510	298.04	-1,824.75	977.41	-5,189.01	6,166.42	0.159	Level 1		
11,000.00	10,770.26	10,661.36	10,770.26	55.91	7,392.95	157.417	298.04	-1,824.75	1,007.88	-4,832.08	5,839.97	0.173	Level 1		
11,050.00	10,805.89	10,696.99	10,805.89	56.29	7,417.89	158.891	298.04	-1,824.75	1,041.60	-4,436.21	5,477.81	0.190	Level 1		
11,100.00	10,838.59	10,729.69	10,838.59	56.68	7,440.78	160.007	298.04	-1,824.75	1,078.32	-4,007.63	5,085.95	0.212	Level 1		
11,150.00	10,868.14	10,759.24	10,868.14	57.08	7,461.47	160.802	298.04	-1,824.75	1,117.77	-3,554.90	4,672.68	0.239	Level 1		
11,200.00	10,894.34	10,785.44	10,894.34	57.48	7,479.81	161.281	298.04	-1,824.75	1,159.67	-3,090.46	4,250.13	0.273	Level 1		
11,250.00	10,917.01	10,808.11	10,917.01	57.89	7,495.68	161.406	298.04	-1,824.75	1,203.71	-2,633.76	3,837.47	0.314	Level 1		
11,300.00	10,935.99	10,827.09	10,935.99	58.31	7,508.96	161.066	298.04	-1,824.75	1,249.57	-2,218.25	3,467.82	0.360	Level 1		
11,350.00	10,951.16	10,842.26	10,951.16	58.73	7,519.58	159.994	298.04	-1,824.75	1,296.94	-1,907.67	3,204.61	0.405	Level 1		
11,400.00	10,962.40	10,853.50	10,962.40	59.15	7,527.45	157.447	298.04	-1,824.75	1,345.46	-1,838.81	3,184.27	0.423	Level 1		
11,450.00	10,969.64	10,860.74	10,969.64	59.57	7,532.52	150.654	298.04	-1,824.75	1,394.80	-2,384.44	3,779.24	0.369	Level 1		
11,500.00	10,972.84	10,863.94	10,972.84	60.00	7,534.75	119.130	298.04	-1,824.75	1,444.63	-5,178.46	6,623.09	0.218	Level 1		
11,514.23	10,973.00	10,864.10	10,973.00	60.12	7,534.87	90.000	298.04	-1,824.75	1,458.85	-6,125.45	7,584.30	0.192	Level 1		
11,550.00	10,973.00	10,864.10	10,973.00	60.42	7,534.87	90.000	298.04	-1,824.75	1,494.60	-6,089.84	7,584.44	0.197	Level 1		
11,600.00	10,973.00	10,864.10	10,973.00	60.85	7,534.87	90.000	298.04	-1,824.75	1,544.59	-6,040.04	7,584.63	0.204	Level 1		
11,650.00	10,973.00	10,864.10	10,973.00	61.27	7,534.87	-90.000	298.04	-1,824.75	1,594.59	-5,990.24	7,584.83	0.210	Level 1		
11,700.00	10,973.00	10,864.10	10,973.00	61.71	7,534.87	-90.000	298.04	-1,824.75	1,644.58	-5,940.43	7,585.01	0.217	Level 1		
11,750.00	10,973.00	10,864.10	10,973.00	62.13	7,534.87	-90.000	298.04	-1,824.75	1,694.54	-5,890.66	7,585.20	0.223	Level 1		
11,773.11	10,973.00	10,864.10	10,973.00	62.33	7,534.87	-90.000	298.04	-1,824.75	1,717.63	-5,867.66	7,585.29	0.226	Level 1		
11,800.00	10,973.00	10,864.10	10,973.00	62.57	7,534.87	-90.000	298.04	-1,824.75	1,744.48	-5,841.10	7,585.58	0.230	Level 1		
11,850.00	10,973.00	10,864.10	10,973.00	63.01	7,534.87	-90.000	298.04	-1,824.75	1,794.42	-5,791.74	7,586.16	0.237	Level 1		
11,900.00	10,973.00	10,864.10	10,973.00	63.46	7,534.87	-90.000	298.04	-1,824.75	1,844.36	-5,742.37	7,586.73	0.243	Level 1		
11,950.00	10,973.00	10,864.10	10,973.00	63.93	7,534.87	-90.000	298.04	-1,824.75	1,894.30	-5,693.03	7,587.33	0.250	Level 1		
12,000.00	10,973.00	10,864.10	10,973.00	64.40	7,534.87	-90.000	298.04	-1,824.75	1,944.24	-5,643.68	7,587.93	0.256	Level 1		
12,050.00	10,973.00	10,864.10	10,973.00	64.89	7,534.87	-90.000	298.04	-1,824.75	1,994.19	-5,594.36	7,588.55	0.263	Level 1		
12,100.00	10,973.00	10,864.10	10,973.00	65.40	7,534.87	-90.000	298.04	-1,824.75	2,044.14	-5,545.03	7,589.17	0.269	Level 1		
12,150.00	10,973.00	10,864.10	10,973.00	65.91	7,534.87	-90.000	298.04	-1,824.75	2,094.10	-5,495.73	7,589.82	0.276	Level 1		
12,200.00	10,973.00	10,864.10	10,973.00	66.43	7,534.87	-90.000	298.04	-1,824.75	2,144.05	-5,446.42	7,590.47	0.282	Level 1		
12,250.00	10,973.00	10,864.10	10,973.00	66.97	7,534.87	-90.000	298.04	-1,824.75	2,194.01	-5,397.13	7,591.14	0.289	Level 1		
12,300.00	10,973.00	10,864.10	10,973.00	67.51	7,534.87	-90.000	298.04	-1,824.75	2,243.97	-5,347.85	7,591.81	0.296	Level 1		
12,350.00	10,973.00	10,864.10	10,973.00	68.07	7,534.87	-90.000	298.04	-1,824.75	2,293.93	-5,298.58	7,592.50	0.302	Level 1		
12,400.00	10,973.00	10,864.10	10,973.00	68.64	7,534.87	-90.000	298.04	-1,824.75	2,343.89	-5,249.30	7,593.20	0.309	Level 1		
12,450.00	10,973.00	10,864.10	10,973.00	69.22	7,534.87	-90.000	298.04	-1,824.75	2,393.85	-5,200.05	7,593.91	0.315	Level 1		
12,500.00	10,973.00	10,864.10	10,973.00	69.81	7,534.87	-90.000	298.04	-1,824.75	2,443.82	-5,150.80	7,594.62	0.322	Level 1		
12,550.00	10,973.00	10,864.10	10,973.00	70.41	7,534.87	-90.000	298.04	-1,824.75	2,493.79	-5,101.56	7,595.35	0.328	Level 1		
12,600.00	10,973.00	10,864.10	10,973.00	71.01	7,534.87	-90.000	298.04	-1,824.75	2,543.76	-5,052.32	7,596.07	0.335	Level 1		
12,650.00	10,973.00	10,864.10	10,973.00	71.63	7,534.87	-90.000	298.04	-1,824.75	2,593.73	-5,003.09	7,596.82	0.341	Level 1		
12,700.00	10,973.00	10,864.10	10,973.00	72.26	7,534.87	-90.000	298.04	-1,824.75	2,643.70	-4,953.87	7,597.56	0.348	Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: LLOYD-FEDERAL #22-X-17 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 200-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
12,750.00	10,973.00	10,864.10	10,973.00	72.90	7,534.87	-90.000	298.04	-1,824.75	2,693.67	-4,904.66	7,598.33	0.355	Level 1		
12,800.00	10,973.00	10,864.10	10,973.00	73.54	7,534.87	-90.000	298.04	-1,824.75	2,743.64	-4,855.45	7,599.09	0.361	Level 1		
12,850.00	10,973.00	10,864.10	10,973.00	74.20	7,534.87	-90.000	298.04	-1,824.75	2,793.61	-4,806.25	7,599.86	0.368	Level 1		
12,900.00	10,973.00	10,864.10	10,973.00	74.86	7,534.87	-90.000	298.04	-1,824.75	2,843.59	-4,757.05	7,600.64	0.374	Level 1		
12,950.00	10,973.00	10,864.10	10,973.00	75.53	7,534.87	-90.000	298.04	-1,824.75	2,893.56	-4,707.86	7,601.43	0.381	Level 1		
13,000.00	10,973.00	10,864.10	10,973.00	76.21	7,534.87	-90.000	298.04	-1,824.75	2,943.54	-4,658.67	7,602.21	0.387	Level 1		
13,050.00	10,973.00	10,864.10	10,973.00	76.90	7,534.87	-90.000	298.04	-1,824.75	2,993.52	-4,609.50	7,603.02	0.394	Level 1		
13,100.00	10,973.00	10,864.10	10,973.00	77.59	7,534.87	-90.000	298.04	-1,824.75	3,043.50	-4,560.32	7,603.82	0.400	Level 1		
13,150.00	10,973.00	10,864.10	10,973.00	78.30	7,534.87	-90.000	298.04	-1,824.75	3,093.47	-4,511.16	7,604.63	0.407	Level 1		
13,200.00	10,973.00	10,864.10	10,973.00	79.00	7,534.87	-90.000	298.04	-1,824.75	3,143.45	-4,461.99	7,605.44	0.413	Level 1		
13,250.00	10,973.00	10,864.10	10,973.00	79.72	7,534.87	-90.000	298.04	-1,824.75	3,193.43	-4,412.83	7,606.27	0.420	Level 1		
13,300.00	10,973.00	10,864.10	10,973.00	80.45	7,534.87	-90.000	298.04	-1,824.75	3,243.41	-4,363.68	7,607.09	0.426	Level 1		
13,350.00	10,973.00	10,864.10	10,973.00	81.18	7,534.87	-90.000	298.04	-1,824.75	3,293.40	-4,314.53	7,607.93	0.433	Level 1		
13,400.00	10,973.00	10,864.10	10,973.00	81.91	7,534.87	-90.000	298.04	-1,824.75	3,343.38	-4,265.38	7,608.76	0.439	Level 1		
13,450.00	10,973.00	10,864.10	10,973.00	82.66	7,534.87	-90.000	298.04	-1,824.75	3,393.36	-4,216.24	7,609.60	0.446	Level 1		
13,500.00	10,973.00	10,864.10	10,973.00	83.41	7,534.87	-90.000	298.04	-1,824.75	3,443.34	-4,167.10	7,610.45	0.452	Level 1		
13,550.00	10,973.00	10,864.10	10,973.00	84.17	7,534.87	-90.000	298.04	-1,824.75	3,493.33	-4,117.97	7,611.30	0.459	Level 1		
13,600.00	10,973.00	10,864.10	10,973.00	84.93	7,534.87	-90.000	298.04	-1,824.75	3,543.31	-4,068.84	7,612.15	0.465	Level 1		
13,650.00	10,973.00	10,864.10	10,973.00	85.70	7,534.87	-90.000	298.04	-1,824.75	3,593.29	-4,019.72	7,613.01	0.472	Level 1		
13,700.00	10,973.00	10,864.10	10,973.00	86.47	7,534.87	-90.000	298.04	-1,824.75	3,643.28	-3,970.59	7,613.87	0.479	Level 1		
13,750.00	10,973.00	10,864.10	10,973.00	87.25	7,534.87	-90.000	298.04	-1,824.75	3,693.26	-3,921.48	7,614.74	0.485	Level 1		
13,800.00	10,973.00	10,864.10	10,973.00	88.03	7,534.87	-90.000	298.04	-1,824.75	3,743.25	-3,872.36	7,615.61	0.492	Level 1		
13,850.00	10,973.00	10,864.10	10,973.00	88.82	7,534.87	-90.000	298.04	-1,824.75	3,793.23	-3,823.25	7,616.49	0.498	Level 1		
13,900.00	10,973.00	10,864.10	10,973.00	89.62	7,534.87	-90.000	298.04	-1,824.75	3,843.22	-3,774.14	7,617.36	0.505	Level 1		
13,950.00	10,973.00	10,864.10	10,973.00	90.42	7,534.87	-90.000	298.04	-1,824.75	3,893.21	-3,725.04	7,618.24	0.511	Level 1		
14,000.00	10,973.00	10,864.10	10,973.00	91.22	7,534.87	-90.000	298.04	-1,824.75	3,943.19	-3,675.93	7,619.13	0.518	Level 1		
14,050.00	10,973.00	10,864.10	10,973.00	92.03	7,534.87	-90.000	298.04	-1,824.75	3,993.18	-3,626.83	7,620.01	0.524	Level 1		
14,100.00	10,973.00	10,864.10	10,973.00	92.84	7,534.87	-90.000	298.04	-1,824.75	4,043.17	-3,577.74	7,620.90	0.531	Level 1		
14,150.00	10,973.00	10,864.10	10,973.00	93.66	7,534.87	-90.000	298.04	-1,824.75	4,093.16	-3,528.64	7,621.80	0.537	Level 1		
14,200.00	10,973.00	10,864.10	10,973.00	94.48	7,534.87	-90.000	298.04	-1,824.75	4,143.14	-3,479.55	7,622.69	0.544	Level 1		
14,250.00	10,973.00	10,864.10	10,973.00	95.31	7,534.87	-90.000	298.04	-1,824.75	4,193.13	-3,430.46	7,623.59	0.550	Level 1		
14,300.00	10,973.00	10,864.10	10,973.00	96.14	7,534.87	-90.000	298.04	-1,824.75	4,243.12	-3,381.37	7,624.49	0.557	Level 1		
14,350.00	10,973.00	10,864.10	10,973.00	96.97	7,534.87	-90.000	298.04	-1,824.75	4,293.11	-3,332.29	7,625.40	0.563	Level 1		
14,400.00	10,973.00	10,864.10	10,973.00	97.81	7,534.87	-90.000	298.04	-1,824.75	4,343.10	-3,283.21	7,626.31	0.569	Level 1		
14,450.00	10,973.00	10,864.10	10,973.00	98.65	7,534.87	-90.000	298.04	-1,824.75	4,393.09	-3,234.13	7,627.22	0.576	Level 1		
14,500.00	10,973.00	10,864.10	10,973.00	99.50	7,534.87	-90.000	298.04	-1,824.75	4,443.08	-3,185.05	7,628.13	0.582	Level 1		
14,550.00	10,973.00	10,864.10	10,973.00	100.35	7,534.87	-90.000	298.04	-1,824.75	4,493.07	-3,135.98	7,629.04	0.589	Level 1		
14,600.00	10,973.00	10,864.10	10,973.00	101.20	7,534.87	-90.000	298.04	-1,824.75	4,543.06	-3,086.90	7,629.96	0.595	Level 1		
14,650.00	10,973.00	10,864.10	10,973.00	102.06	7,534.87	-90.000	298.04	-1,824.75	4,593.05	-3,037.83	7,630.88	0.602	Level 1		
14,700.00	10,973.00	10,864.10	10,973.00	102.92	7,534.87	-90.000	298.04	-1,824.75	4,643.04	-2,988.76	7,631.80	0.608	Level 1		
14,750.00	10,973.00	10,864.10	10,973.00	103.78	7,534.87	-90.000	298.04	-1,824.75	4,693.03	-2,939.69	7,632.72	0.615	Level 1		
14,800.00	10,973.00	10,864.10	10,973.00	104.64	7,534.87	-90.000	298.04	-1,824.75	4,743.02	-2,890.63	7,633.65	0.621	Level 1		
14,850.00	10,973.00	10,864.10	10,973.00	105.51	7,534.87	-90.000	298.04	-1,824.75	4,793.01	-2,841.56	7,634.58	0.628	Level 1		
14,900.00	10,973.00	10,864.10	10,973.00	106.38	7,534.87	-90.000	298.04	-1,824.75	4,843.00	-2,792.50	7,635.50	0.634	Level 1		
14,950.00	10,973.00	10,864.10	10,973.00	107.26	7,534.87	-90.000	298.04	-1,824.75	4,893.00	-2,743.44	7,636.44	0.641	Level 1		
15,000.00	10,973.00	10,864.10	10,973.00	108.13	7,534.87	-90.000	298.04	-1,824.75	4,942.99	-2,694.38	7,637.37	0.647	Level 1		
15,050.00	10,973.00	10,864.10	10,973.00	109.01	7,534.87	-90.000	298.04	-1,824.75	4,992.98	-2,645.33	7,638.30	0.654	Level 1		
15,100.00	10,973.00	10,864.10	10,973.00	109.90	7,534.87	-90.000	298.04	-1,824.75	5,042.97	-2,596.27	7,639.24	0.660	Level 1		
15,150.00	10,973.00	10,864.10	10,973.00	110.78	7,534.87	-90.000	298.04	-1,824.75	5,092.96	-2,547.22	7,640.18	0.667	Level 1		
15,200.00	10,973.00	10,864.10	10,973.00	111.67	7,534.87	-90.000	298.04	-1,824.75	5,142.96	-2,498.16	7,641.12	0.673	Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: LLOYD-FEDERAL #22-X-17 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 200-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
15,250.00	10,973.00	10,864.10	10,973.00	112.56	7,534.87	-90.000	298.04	-1,824.75	5,192.95	-2,449.11	7,642.06	0.680	Level 1		
15,300.00	10,973.00	10,864.10	10,973.00	113.45	7,534.87	-90.000	298.04	-1,824.75	5,242.94	-2,400.06	7,643.00	0.686	Level 1		
15,350.00	10,973.00	10,864.10	10,973.00	114.35	7,534.87	-90.000	298.04	-1,824.75	5,292.93	-2,351.01	7,643.95	0.692	Level 1		
15,400.00	10,973.00	10,864.10	10,973.00	115.24	7,534.87	-90.000	298.04	-1,824.75	5,342.93	-2,301.97	7,644.89	0.699	Level 1		
15,450.00	10,973.00	10,864.10	10,973.00	116.14	7,534.87	-90.000	298.04	-1,824.75	5,392.92	-2,252.92	7,645.84	0.705	Level 1		
15,500.00	10,973.00	10,864.10	10,973.00	117.05	7,534.87	-90.000	298.04	-1,824.75	5,442.91	-2,203.88	7,646.79	0.712	Level 1		
15,550.00	10,973.00	10,864.10	10,973.00	117.95	7,534.87	-90.000	298.04	-1,824.75	5,492.91	-2,154.83	7,647.74	0.718	Level 1		
15,600.00	10,973.00	10,864.10	10,973.00	118.85	7,534.87	-90.000	298.04	-1,824.75	5,542.90	-2,105.79	7,648.69	0.725	Level 1		
15,650.00	10,973.00	10,864.10	10,973.00	119.76	7,534.87	-90.000	298.04	-1,824.75	5,592.89	-2,056.75	7,649.64	0.731	Level 1		
15,700.00	10,973.00	10,864.10	10,973.00	120.67	7,534.87	-90.000	298.04	-1,824.75	5,642.89	-2,007.71	7,650.60	0.738	Level 1		
15,750.00	10,973.00	10,864.10	10,973.00	121.58	7,534.87	-90.000	298.04	-1,824.75	5,692.88	-1,958.67	7,651.55	0.744	Level 1		
15,800.00	10,973.00	10,864.10	10,973.00	122.50	7,534.87	-90.000	298.04	-1,824.75	5,742.87	-1,909.63	7,652.51	0.750	Level 1		
15,850.00	10,973.00	10,864.10	10,973.00	123.41	7,534.87	-90.000	298.04	-1,824.75	5,792.87	-1,860.60	7,653.47	0.757	Level 1		
15,900.00	10,973.00	10,864.10	10,973.00	124.33	7,534.87	-90.000	298.04	-1,824.75	5,842.86	-1,811.56	7,654.42	0.763	Level 1		
15,950.00	10,973.00	10,864.10	10,973.00	125.25	7,534.87	-90.000	298.04	-1,824.75	5,892.86	-1,762.53	7,655.38	0.770	Level 1		
16,000.00	10,973.00	10,864.10	10,973.00	126.17	7,534.87	-90.000	298.04	-1,824.75	5,942.85	-1,713.49	7,656.35	0.776	Level 1		
16,050.00	10,973.00	10,864.10	10,973.00	127.09	7,534.87	-90.000	298.04	-1,824.75	5,992.85	-1,664.46	7,657.31	0.783	Level 1		
16,100.00	10,973.00	10,864.10	10,973.00	128.02	7,534.87	-90.000	298.04	-1,824.75	6,042.84	-1,615.43	7,658.27	0.789	Level 1		
16,150.00	10,973.00	10,864.10	10,973.00	128.94	7,534.87	-90.000	298.04	-1,824.75	6,092.83	-1,566.40	7,659.24	0.795	Level 1		
16,200.00	10,973.00	10,864.10	10,973.00	129.87	7,534.87	-90.000	298.04	-1,824.75	6,142.83	-1,517.37	7,660.20	0.802	Level 1		
16,250.00	10,973.00	10,864.10	10,973.00	130.80	7,534.87	-90.000	298.04	-1,824.75	6,192.82	-1,468.34	7,661.17	0.808	Level 1		
16,300.00	10,973.00	10,864.10	10,973.00	131.73	7,534.87	-90.000	298.04	-1,824.75	6,242.82	-1,419.31	7,662.13	0.815	Level 1		
16,350.00	10,973.00	10,864.10	10,973.00	132.66	7,534.87	-90.000	298.04	-1,824.75	6,292.81	-1,370.29	7,663.10	0.821	Level 1		
16,400.00	10,973.00	10,864.10	10,973.00	133.60	7,534.87	-90.000	298.04	-1,824.75	6,342.81	-1,321.26	7,664.07	0.828	Level 1		
16,450.00	10,973.00	10,864.10	10,973.00	134.53	7,534.87	-90.000	298.04	-1,824.75	6,392.80	-1,272.24	7,665.04	0.834	Level 1		
16,500.00	10,973.00	10,864.10	10,973.00	135.47	7,534.87	-90.000	298.04	-1,824.75	6,442.80	-1,223.21	7,666.01	0.840	Level 1		
16,550.00	10,973.00	10,864.10	10,973.00	136.40	7,534.87	-90.000	298.04	-1,824.75	6,492.79	-1,174.19	7,666.98	0.847	Level 1		
16,600.00	10,973.00	10,864.10	10,973.00	137.34	7,534.87	-90.000	298.04	-1,824.75	6,542.79	-1,125.16	7,667.95	0.853	Level 1		
16,650.00	10,973.00	10,864.10	10,973.00	138.28	7,534.87	-90.000	298.04	-1,824.75	6,592.78	-1,076.14	7,668.93	0.860	Level 1		
16,700.00	10,973.00	10,864.10	10,973.00	139.22	7,534.87	-90.000	298.04	-1,824.75	6,642.78	-1,027.12	7,669.90	0.866	Level 1		
16,750.00	10,973.00	10,864.10	10,973.00	140.17	7,534.87	-90.000	298.04	-1,824.75	6,692.77	-978.10	7,670.88	0.872	Level 1		
16,800.00	10,973.00	10,864.10	10,973.00	141.11	7,534.87	-90.000	298.04	-1,824.75	6,742.77	-929.08	7,671.85	0.879	Level 1		
16,850.00	10,973.00	10,864.10	10,973.00	142.06	7,534.87	-90.000	298.04	-1,824.75	6,792.77	-880.06	7,672.83	0.885	Level 1		
16,900.00	10,973.00	10,864.10	10,973.00	143.00	7,534.87	-90.000	298.04	-1,824.75	6,842.76	-831.04	7,673.80	0.892	Level 1		
16,950.00	10,973.00	10,864.10	10,973.00	143.95	7,534.87	-90.000	298.04	-1,824.75	6,892.76	-782.02	7,674.78	0.898	Level 1		
17,000.00	10,973.00	10,864.10	10,973.00	144.90	7,534.87	-90.000	298.04	-1,824.75	6,942.75	-733.01	7,675.76	0.905	Level 1		
17,050.00	10,973.00	10,864.10	10,973.00	145.85	7,534.87	-90.000	298.04	-1,824.75	6,992.75	-683.99	7,676.74	0.911	Level 1		
17,100.00	10,973.00	10,864.10	10,973.00	146.80	7,534.87	-90.000	298.04	-1,824.75	7,042.75	-634.97	7,677.72	0.917	Level 1		
17,150.00	10,973.00	10,864.10	10,973.00	147.75	7,534.87	-90.000	298.04	-1,824.75	7,092.74	-585.96	7,678.70	0.924	Level 1		
17,200.00	10,973.00	10,864.10	10,973.00	148.70	7,534.87	-90.000	298.04	-1,824.75	7,142.74	-536.94	7,679.68	0.930	Level 1		
17,250.00	10,973.00	10,864.10	10,973.00	149.66	7,534.87	-90.000	298.04	-1,824.75	7,192.73	-487.93	7,680.66	0.936	Level 1		
17,300.00	10,973.00	10,864.10	10,973.00	150.61	7,534.87	-90.000	298.04	-1,824.75	7,242.73	-438.91	7,681.64	0.943	Level 1		
17,350.00	10,973.00	10,864.10	10,973.00	151.57	7,534.87	-90.000	298.04	-1,824.75	7,292.73	-389.90	7,682.63	0.949	Level 1		
17,400.00	10,973.00	10,864.10	10,973.00	152.52	7,534.87	-90.000	298.04	-1,824.75	7,342.72	-340.89	7,683.61	0.956	Level 1		
17,450.00	10,973.00	10,864.10	10,973.00	153.48	7,534.87	-90.000	298.04	-1,824.75	7,392.72	-291.88	7,684.59	0.962	Level 1		
17,500.00	10,973.00	10,864.10	10,973.00	154.44	7,534.87	-90.000	298.04	-1,824.75	7,442.71	-242.86	7,685.58	0.968	Level 1		
17,550.00	10,973.00	10,864.10	10,973.00	155.40	7,534.87	-90.000	298.04	-1,824.75	7,492.71	-193.85	7,686.56	0.975	Level 1		
17,600.00	10,973.00	10,864.10	10,973.00	156.36	7,534.87	-90.000	298.04	-1,824.75	7,542.71	-144.84	7,687.55	0.981	Level 1		
17,650.00	10,973.00	10,864.10	10,973.00	157.32	7,534.87	-90.000	298.04	-1,824.75	7,592.70	-95.83	7,688.53	0.988	Level 1		
17,700.00	10,973.00	10,864.10	10,973.00	158.28	7,534.87	-90.000	298.04	-1,824.75	7,642.70	-46.82	7,689.52	0.994	Level 1		
17,750.00	10,973.00	10,864.10	10,973.00	159.24	7,534.87	-90.000	298.04	-1,824.75	7,692.70	2.19	7,690.51	1.000	Level 2		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: LLOYD-FEDERAL #22-X-17 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 200-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
17,800.00	10,973.00	10,864.10	10,973.00	160.21	7,534.87	-90.000	298.04	-1,824.75	7,742.69	51.20	7,691.50	1.007	Level 2		
17,850.00	10,973.00	10,864.10	10,973.00	161.17	7,534.87	-90.000	298.04	-1,824.75	7,792.69	100.21	7,692.48	1.013	Level 2		
17,900.00	10,973.00	10,864.10	10,973.00	162.14	7,534.87	-90.000	298.04	-1,824.75	7,842.69	149.21	7,693.47	1.019	Level 2		
17,950.00	10,973.00	10,864.10	10,973.00	163.10	7,534.87	-90.000	298.04	-1,824.75	7,892.68	198.22	7,694.46	1.026	Level 2		
18,000.00	10,973.00	10,864.10	10,973.00	164.07	7,534.87	-90.000	298.04	-1,824.75	7,942.68	247.23	7,695.45	1.032	Level 2		
18,050.00	10,973.00	10,864.10	10,973.00	165.04	7,534.87	-90.000	298.04	-1,824.75	7,992.68	296.23	7,696.44	1.038	Level 2		
18,100.00	10,973.00	10,864.10	10,973.00	166.01	7,534.87	-90.000	298.04	-1,824.75	8,042.67	345.24	7,697.43	1.045	Level 2		
18,150.00	10,973.00	10,864.10	10,973.00	166.97	7,534.87	-90.000	298.04	-1,824.75	8,092.67	394.25	7,698.42	1.051	Level 2		
18,200.00	10,973.00	10,864.10	10,973.00	167.94	7,534.87	-90.000	298.04	-1,824.75	8,142.67	443.25	7,699.41	1.058	Level 2		
18,250.00	10,973.00	10,864.10	10,973.00	168.92	7,534.87	-90.000	298.04	-1,824.75	8,192.66	492.26	7,700.41	1.064	Level 2		
18,300.00	10,973.00	10,864.10	10,973.00	169.89	7,534.87	-90.000	298.04	-1,824.75	8,242.66	541.26	7,701.40	1.070	Level 2		
18,350.00	10,973.00	10,864.10	10,973.00	170.86	7,534.87	-90.000	298.04	-1,824.75	8,292.66	590.27	7,702.39	1.077	Level 2		
18,400.00	10,973.00	10,864.10	10,973.00	171.83	7,534.87	-90.000	298.04	-1,824.75	8,342.66	639.27	7,703.39	1.083	Level 2		
18,450.00	10,973.00	10,864.10	10,973.00	172.80	7,534.87	-90.000	298.04	-1,824.75	8,392.65	688.27	7,704.38	1.089	Level 2		
18,500.00	10,973.00	10,864.10	10,973.00	173.78	7,534.87	-90.000	298.04	-1,824.75	8,442.65	737.28	7,705.37	1.096	Level 2		
18,550.00	10,973.00	10,864.10	10,973.00	174.75	7,534.87	-90.000	298.04	-1,824.75	8,492.65	786.28	7,706.37	1.102	Level 2		
18,600.00	10,973.00	10,864.10	10,973.00	175.73	7,534.87	-90.000	298.04	-1,824.75	8,542.64	835.28	7,707.36	1.108	Level 2		
18,650.00	10,973.00	10,864.10	10,973.00	176.70	7,534.87	-90.000	298.04	-1,824.75	8,592.64	884.29	7,708.36	1.115	Level 2		
18,700.00	10,973.00	10,864.10	10,973.00	177.68	7,534.87	-90.000	298.04	-1,824.75	8,642.64	933.29	7,709.35	1.121	Level 2		
18,750.00	10,973.00	10,864.10	10,973.00	178.65	7,534.87	-90.000	298.04	-1,824.75	8,692.64	982.29	7,710.35	1.127	Level 2		
18,800.00	10,973.00	10,864.10	10,973.00	179.63	7,534.87	-90.000	298.04	-1,824.75	8,742.63	1,031.29	7,711.34	1.134	Level 2		
18,850.00	10,973.00	10,864.10	10,973.00	180.61	7,534.87	-90.000	298.04	-1,824.75	8,792.63	1,080.29	7,712.34	1.140	Level 2		
18,900.00	10,973.00	10,864.10	10,973.00	181.59	7,534.87	-90.000	298.04	-1,824.75	8,842.63	1,129.29	7,713.34	1.146	Level 2		
18,950.00	10,973.00	10,864.10	10,973.00	182.57	7,534.87	-90.000	298.04	-1,824.75	8,892.63	1,178.29	7,714.33	1.153	Level 2		
19,000.00	10,973.00	10,864.10	10,973.00	183.55	7,534.87	-90.000	298.04	-1,824.75	8,942.62	1,227.29	7,715.33	1.159	Level 2		
19,050.00	10,973.00	10,864.10	10,973.00	184.53	7,534.87	-90.000	298.04	-1,824.75	8,992.62	1,276.29	7,716.33	1.165	Level 2		
19,100.00	10,973.00	10,864.10	10,973.00	185.51	7,534.87	-90.000	298.04	-1,824.75	9,042.62	1,325.29	7,717.33	1.172	Level 2		
19,150.00	10,973.00	10,864.10	10,973.00	186.49	7,534.87	-90.000	298.04	-1,824.75	9,092.62	1,374.29	7,718.33	1.178	Level 2		
19,200.00	10,973.00	10,864.10	10,973.00	187.47	7,534.87	-90.000	298.04	-1,824.75	9,142.61	1,423.29	7,719.33	1.184	Level 2		
19,250.00	10,973.00	10,864.10	10,973.00	188.45	7,534.87	-90.000	298.04	-1,824.75	9,192.61	1,472.29	7,720.32	1.191	Level 2		
19,300.00	10,973.00	10,864.10	10,973.00	189.43	7,534.87	-90.000	298.04	-1,824.75	9,242.61	1,521.29	7,721.32	1.197	Level 2		
19,350.00	10,973.00	10,864.10	10,973.00	190.42	7,534.87	-90.000	298.04	-1,824.75	9,292.61	1,570.28	7,722.32	1.203	Level 2		
19,400.00	10,973.00	10,864.10	10,973.00	191.40	7,534.87	-90.000	298.04	-1,824.75	9,342.60	1,619.28	7,723.32	1.210	Level 2		
19,450.00	10,973.00	10,864.10	10,973.00	192.38	7,534.87	-90.000	298.04	-1,824.75	9,392.60	1,668.28	7,724.32	1.216	Level 2		
19,500.00	10,973.00	10,864.10	10,973.00	193.37	7,534.87	-90.000	298.04	-1,824.75	9,442.60	1,717.28	7,725.32	1.222	Level 2		
19,550.00	10,973.00	10,864.10	10,973.00	194.35	7,534.87	-90.000	298.04	-1,824.75	9,492.60	1,766.27	7,726.32	1.229	Level 2		
19,600.00	10,973.00	10,864.10	10,973.00	195.34	7,534.87	-90.000	298.04	-1,824.75	9,542.60	1,815.27	7,727.33	1.235	Level 2		
19,650.00	10,973.00	10,864.10	10,973.00	196.32	7,534.87	-90.000	298.04	-1,824.75	9,592.59	1,864.27	7,728.33	1.241	Level 2		
19,700.00	10,973.00	10,864.10	10,973.00	197.31	7,534.87	-90.000	298.04	-1,824.75	9,642.59	1,913.26	7,729.33	1.248	Level 2		
19,750.00	10,973.00	10,864.10	10,973.00	198.30	7,534.87	-90.000	298.04	-1,824.75	9,692.59	1,962.26	7,730.33	1.254	Level 3		
19,800.00	10,973.00	10,864.10	10,973.00	199.28	7,534.87	-90.000	298.04	-1,824.75	9,742.59	2,011.25	7,731.33	1.260	Level 3		
19,850.00	10,973.00	10,864.10	10,973.00	200.27	7,534.87	-90.000	298.04	-1,824.75	9,792.58	2,060.25	7,732.34	1.266	Level 3		
19,900.00	10,973.00	10,864.10	10,973.00	201.26	7,534.87	-90.000	298.04	-1,824.75	9,842.58	2,109.24	7,733.34	1.273	Level 3		
19,950.00	10,973.00	10,864.10	10,973.00	202.25	7,534.87	-90.000	298.04	-1,824.75	9,892.58	2,158.24	7,734.34	1.279	Level 3		
20,000.00	10,973.00	10,864.10	10,973.00	203.24	7,534.87	-90.000	298.04	-1,824.75	9,942.58	2,207.23	7,735.34	1.285	Level 3		
20,050.00	10,973.00	10,864.10	10,973.00	204.22	7,534.87	-90.000	298.04	-1,824.75	9,992.58	2,256.23	7,736.35	1.292	Level 3		
20,100.00	10,973.00	10,864.10	10,973.00	205.21	7,534.87	-90.000	298.04	-1,824.75	10,042.57	2,305.22	7,737.35	1.298	Level 3		
20,150.00	10,973.00	10,864.10	10,973.00	206.20	7,534.87	-90.000	298.04	-1,824.75	10,092.57	2,354.22	7,738.35	1.304	Level 3		
20,200.00	10,973.00	10,864.10	10,973.00	207.19	7,534.87	-90.000	298.04	-1,824.75	10,142.57	2,403.21	7,739.36	1.311	Level 3		
20,250.00	10,973.00	10,864.10	10,973.00	208.18	7,534.87	-90.000	298.04	-1,824.75	10,192.57	2,452.21	7,740.36	1.317	Level 3		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: LLOYD-FEDERAL #22-X-17 - Wellbore #1 - Wellbore #1	Offset Site Error: 0.00 usft
Survey Program: 200-BLIND														Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
20,300.00	10,973.00	10,864.10	10,973.00	209.17	7,534.87	-90.000	298.04	-1,824.75	10,242.57	2,501.20	7,741.37	1.323	Level 3	
20,350.00	10,973.00	10,864.10	10,973.00	210.17	7,534.87	-90.000	298.04	-1,824.75	10,292.56	2,550.19	7,742.37	1.329	Level 3	
20,400.00	10,973.00	10,864.10	10,973.00	211.16	7,534.87	-90.000	298.04	-1,824.75	10,342.56	2,599.19	7,743.38	1.336	Level 3	
20,450.00	10,973.00	10,864.10	10,973.00	212.15	7,534.87	-90.000	298.04	-1,824.75	10,392.56	2,648.18	7,744.38	1.342	Level 3	
20,500.00	10,973.00	10,864.10	10,973.00	213.14	7,534.87	-90.000	298.04	-1,824.75	10,442.56	2,697.17	7,745.39	1.348	Level 3	
20,550.00	10,973.00	10,864.10	10,973.00	214.13	7,534.87	-90.000	298.04	-1,824.75	10,492.56	2,746.16	7,746.39	1.355	Level 3	
20,600.00	10,973.00	10,864.10	10,973.00	215.13	7,534.87	-90.000	298.04	-1,824.75	10,542.56	2,795.16	7,747.40	1.361	Level 3	
20,650.00	10,973.00	10,864.10	10,973.00	216.12	7,534.87	-90.000	298.04	-1,824.75	10,592.55	2,844.15	7,748.40	1.367	Level 3	
20,700.00	10,973.00	10,864.10	10,973.00	217.11	7,534.87	-90.000	298.04	-1,824.75	10,642.55	2,893.14	7,749.41	1.373	Level 3	
20,750.00	10,973.00	10,864.10	10,973.00	218.11	7,534.87	-90.000	298.04	-1,824.75	10,692.55	2,942.13	7,750.42	1.380	Level 3	
20,800.00	10,973.00	10,864.10	10,973.00	219.10	7,534.87	-90.000	298.04	-1,824.75	10,742.55	2,991.12	7,751.42	1.386	Level 3	
20,850.00	10,973.00	10,864.10	10,973.00	220.10	7,534.87	-90.000	298.04	-1,824.75	10,792.55	3,040.12	7,752.43	1.392	Level 3	
20,900.00	10,973.00	10,864.10	10,973.00	221.09	7,534.87	-90.000	298.04	-1,824.75	10,842.54	3,089.11	7,753.44	1.398	Level 3	
20,950.00	10,973.00	10,864.10	10,973.00	222.08	7,534.87	-90.000	298.04	-1,824.75	10,892.54	3,138.10	7,754.44	1.405	Level 3	
21,000.00	10,973.00	10,864.10	10,973.00	223.08	7,534.87	-90.000	298.04	-1,824.75	10,942.54	3,187.09	7,755.45	1.411	Level 3	
21,050.00	10,973.00	10,864.10	10,973.00	224.08	7,534.87	-90.000	298.04	-1,824.75	10,992.54	3,236.08	7,756.46	1.417	Level 3	
21,100.00	10,973.00	10,864.10	10,973.00	225.07	7,534.87	-90.000	298.04	-1,824.75	11,042.54	3,285.07	7,757.47	1.423	Level 3	
21,150.00	10,973.00	10,864.10	10,973.00	226.07	7,534.87	-90.000	298.04	-1,824.75	11,092.54	3,334.06	7,758.47	1.430	Level 3	
21,200.00	10,973.00	10,864.10	10,973.00	227.06	7,534.87	-90.000	298.04	-1,824.75	11,142.53	3,383.05	7,759.48	1.436	Level 3	
21,250.00	10,973.00	10,864.10	10,973.00	228.06	7,534.87	-90.000	298.04	-1,824.75	11,192.53	3,432.04	7,760.49	1.442	Level 3	
21,300.00	10,973.00	10,864.10	10,973.00	229.06	7,534.87	-90.000	298.04	-1,824.75	11,242.53	3,481.03	7,761.50	1.448	Level 3	
21,350.00	10,973.00	10,864.10	10,973.00	230.05	7,534.87	-90.000	298.04	-1,824.75	11,292.53	3,530.02	7,762.51	1.455	Level 3	
21,400.00	10,973.00	10,864.10	10,973.00	231.05	7,534.87	-90.000	298.04	-1,824.75	11,342.53	3,579.01	7,763.52	1.461	Level 3	
21,450.00	10,973.00	10,864.10	10,973.00	232.05	7,534.87	-90.000	298.04	-1,824.75	11,392.53	3,628.00	7,764.52	1.467	Level 3	
21,500.00	10,973.00	10,864.10	10,973.00	233.05	7,534.87	-90.000	298.04	-1,824.75	11,442.53	3,676.99	7,765.53	1.474	Level 3	
21,550.00	10,973.00	10,864.10	10,973.00	234.05	7,534.87	-90.000	298.04	-1,824.75	11,492.52	3,725.98	7,766.54	1.480	Level 3	
21,600.00	10,973.00	10,864.10	10,973.00	235.04	7,534.87	-90.000	298.04	-1,824.75	11,542.52	3,774.97	7,767.55	1.486	Level 3	
21,650.00	10,973.00	10,864.10	10,973.00	236.04	7,534.87	-90.000	298.04	-1,824.75	11,592.52	3,823.96	7,768.56	1.492	Level 3	
21,700.00	10,973.00	10,864.10	10,973.00	237.04	7,534.87	-90.000	298.04	-1,824.75	11,642.52	3,872.95	7,769.57	1.498	Level 3	
21,750.00	10,973.00	10,864.10	10,973.00	238.04	7,534.87	-90.000	298.04	-1,824.75	11,692.52	3,921.94	7,770.58	1.505		
21,800.00	10,973.00	10,864.10	10,973.00	239.04	7,534.87	-90.000	298.04	-1,824.75	11,742.52	3,970.93	7,771.59	1.511		
21,850.00	10,973.00	10,864.10	10,973.00	240.04	7,534.87	-90.000	298.04	-1,824.75	11,792.52	4,019.91	7,772.60	1.517		
21,900.00	10,973.00	10,864.10	10,973.00	241.04	7,534.87	-90.000	298.04	-1,824.75	11,842.51	4,068.90	7,773.61	1.523		
21,950.00	10,973.00	10,864.10	10,973.00	242.04	7,534.87	-90.000	298.04	-1,824.75	11,892.51	4,117.89	7,774.62	1.530		
22,000.00	10,973.00	10,864.10	10,973.00	243.04	7,534.87	-90.000	298.04	-1,824.75	11,942.51	4,166.88	7,775.63	1.536		
22,050.00	10,973.00	10,864.10	10,973.00	244.04	7,534.87	-90.000	298.04	-1,824.75	11,992.51	4,215.87	7,776.64	1.542		
22,100.00	10,973.00	10,864.10	10,973.00	245.04	7,534.87	-90.000	298.04	-1,824.75	12,042.51	4,264.86	7,777.65	1.548		
22,150.00	10,973.00	10,864.10	10,973.00	246.04	7,534.87	-90.000	298.04	-1,824.75	12,092.51	4,313.84	7,778.66	1.555		
22,200.00	10,973.00	10,864.10	10,973.00	247.05	7,534.87	-90.000	298.04	-1,824.75	12,142.51	4,362.83	7,779.67	1.561		
22,250.00	10,973.00	10,864.10	10,973.00	248.05	7,534.87	-90.000	298.04	-1,824.75	12,192.50	4,411.82	7,780.69	1.567		
22,300.00	10,973.00	10,864.10	10,973.00	249.05	7,534.87	-90.000	298.04	-1,824.75	12,242.50	4,460.81	7,781.70	1.573		
22,350.00	10,973.00	10,864.10	10,973.00	250.05	7,534.87	-90.000	298.04	-1,824.75	12,292.50	4,509.79	7,782.71	1.579		
22,400.00	10,973.00	10,864.10	10,973.00	251.05	7,534.87	-90.000	298.04	-1,824.75	12,342.50	4,558.78	7,783.72	1.586		
22,450.00	10,973.00	10,864.10	10,973.00	252.06	7,534.87	-90.000	298.04	-1,824.75	12,392.50	4,607.77	7,784.73	1.592		
22,500.00	10,973.00	10,864.10	10,973.00	253.06	7,534.87	-90.000	298.04	-1,824.75	12,442.50	4,656.75	7,785.74	1.598		
22,550.00	10,973.00	10,864.10	10,973.00	254.06	7,534.87	-90.000	298.04	-1,824.75	12,492.50	4,705.74	7,786.75	1.604		
22,600.00	10,973.00	10,864.10	10,973.00	255.06	7,534.87	-90.000	298.04	-1,824.75	12,542.49	4,754.73	7,787.77	1.611		
22,650.00	10,973.00	10,864.10	10,973.00	256.07	7,534.87	-90.000	298.04	-1,824.75	12,592.49	4,803.71	7,788.78	1.617		
22,700.00	10,973.00	10,864.10	10,973.00	257.07	7,534.87	-90.000	298.04	-1,824.75	12,642.49	4,852.70	7,789.79	1.623		
22,750.00	10,973.00	10,864.10	10,973.00	258.07	7,534.87	-90.000	298.04	-1,824.75	12,692.49	4,901.69	7,790.80	1.629		
22,800.00	10,973.00	10,864.10	10,973.00	259.08	7,534.87	-90.000	298.04	-1,824.75	12,742.49	4,950.67	7,791.82	1.635		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: LLOYD-FEDERAL #22-X-17 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 200-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
22,850.00	10,973.00	10,864.10	10,973.00	260.08	7,534.87	-90.000	298.04	-1,824.75	12,792.49	4,999.66	7,792.83	1.642			
22,900.00	10,973.00	10,864.10	10,973.00	261.08	7,534.87	-90.000	298.04	-1,824.75	12,842.49	5,048.65	7,793.84	1.648			
22,950.00	10,973.00	10,864.10	10,973.00	262.09	7,534.87	-90.000	298.04	-1,824.75	12,892.49	5,097.63	7,794.85	1.654			
23,000.00	10,973.00	10,864.10	10,973.00	263.09	7,534.87	-90.000	298.04	-1,824.75	12,942.48	5,146.62	7,795.87	1.660			
23,050.00	10,973.00	10,864.10	10,973.00	264.10	7,534.87	-90.000	298.04	-1,824.75	12,992.48	5,195.60	7,796.88	1.666			
23,100.00	10,973.00	10,864.10	10,973.00	265.10	7,534.87	-90.000	298.04	-1,824.75	13,042.48	5,244.59	7,797.89	1.673			
23,150.00	10,973.00	10,864.10	10,973.00	266.11	7,534.87	-90.000	298.04	-1,824.75	13,092.48	5,293.58	7,798.91	1.679			
23,200.00	10,973.00	10,864.10	10,973.00	267.11	7,534.87	-90.000	298.04	-1,824.75	13,142.48	5,342.56	7,799.92	1.685			
23,250.00	10,973.00	10,864.10	10,973.00	268.12	7,534.87	-90.000	298.04	-1,824.75	13,192.48	5,391.55	7,800.93	1.691			
23,300.00	10,973.00	10,864.10	10,973.00	269.12	7,534.87	-90.000	298.04	-1,824.75	13,242.48	5,440.53	7,801.95	1.697			
23,350.00	10,973.00	10,864.10	10,973.00	270.13	7,534.87	-90.000	298.04	-1,824.75	13,292.48	5,489.52	7,802.96	1.704			
23,400.00	10,973.00	10,864.10	10,973.00	271.13	7,534.87	-90.000	298.04	-1,824.75	13,342.48	5,538.50	7,803.97	1.710			
23,448.12	10,973.00	10,864.10	10,973.00	272.10	7,534.87	-90.000	298.04	-1,824.75	13,390.60	5,585.65	7,804.95	1.716			



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design														MOHEE FED 0297-17-29 - OFFSET: PARKER UNIT #1A-20 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND															Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance				Warning					
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
1,050.00	1,050.00	780.10	1,050.00	3.53	441.07	-70.111	-8,344.54	-298.46	8,349.77	7,905.17	444.59	18.781				
1,100.00	1,099.99	830.09	1,099.99	3.70	476.06	-70.122	-8,344.54	-298.46	8,349.44	7,869.69	479.75	17.404				
1,150.00	1,149.96	880.06	1,149.96	3.87	511.04	-70.140	-8,344.54	-298.46	8,348.88	7,834.01	514.87	16.215				
1,200.00	1,199.91	930.01	1,199.91	4.04	546.01	-70.166	-8,344.54	-298.46	8,348.10	7,798.14	549.96	15.179				
1,250.00	1,249.82	979.92	1,249.82	4.22	580.95	-70.199	-8,344.54	-298.46	8,347.10	7,762.08	585.02	14.268				
1,300.00	1,299.69	1,029.79	1,299.69	4.39	615.85	-70.240	-8,344.54	-298.46	8,345.88	7,725.85	620.03	13.460				
1,350.00	1,349.51	1,079.61	1,349.51	4.57	650.73	-70.287	-8,344.54	-298.46	8,344.44	7,689.45	654.99	12.740				
1,400.00	1,399.27	1,129.37	1,399.27	4.75	685.56	-70.342	-8,344.54	-298.46	8,342.78	7,652.90	689.88	12.093				
1,450.00	1,448.96	1,179.06	1,448.96	4.93	720.34	-70.404	-8,344.54	-298.46	8,340.91	7,616.19	724.71	11.509				
1,500.00	1,498.57	1,228.67	1,498.57	5.12	755.07	-70.474	-8,344.54	-298.46	8,338.82	7,579.35	759.47	10.980				
1,550.00	1,548.10	1,278.20	1,548.10	5.31	789.74	-70.551	-8,344.54	-298.46	8,336.51	7,542.37	794.15	10.497				
1,600.00	1,597.54	1,327.64	1,597.54	5.50	824.34	-70.634	-8,344.54	-298.46	8,334.00	7,505.26	828.73	10.056				
1,650.00	1,646.87	1,376.97	1,646.87	5.71	858.88	-70.725	-8,344.54	-298.46	8,331.27	7,468.04	863.23	9.651				
1,700.00	1,696.09	1,426.19	1,696.09	5.91	893.33	-70.823	-8,344.54	-298.46	8,328.33	7,430.70	897.63	9.278				
1,750.00	1,745.19	1,475.29	1,745.19	6.13	927.70	-70.928	-8,344.54	-298.46	8,325.19	7,393.27	931.93	8.933				
1,776.96	1,771.62	1,501.72	1,771.62	6.24	946.20	-70.988	-8,344.54	-298.46	8,323.41	7,373.04	950.37	8.758				
1,800.00	1,794.18	1,524.28	1,794.18	6.35	961.99	-71.017	-8,344.54	-298.46	8,321.87	7,355.63	966.24	8.613				
1,850.00	1,843.15	1,573.25	1,843.15	6.57	996.27	-71.082	-8,344.54	-298.46	8,318.53	7,317.85	1,000.68	8.313				
1,900.00	1,892.12	1,622.22	1,892.12	6.80	1,030.55	-71.146	-8,344.54	-298.46	8,315.20	7,280.08	1,035.12	8.033				
1,950.00	1,941.09	1,671.19	1,941.09	7.03	1,064.83	-71.211	-8,344.54	-298.46	8,311.88	7,242.31	1,069.57	7.771				
2,000.00	1,990.06	1,720.16	1,990.06	7.26	1,099.11	-71.276	-8,344.54	-298.46	8,308.57	7,204.56	1,104.01	7.526				
2,050.00	2,039.02	1,769.12	2,039.02	7.50	1,133.39	-71.341	-8,344.54	-298.46	8,305.27	7,166.80	1,138.47	7.295				
2,100.00	2,087.99	1,818.09	2,087.99	7.74	1,167.67	-71.405	-8,344.54	-298.46	8,301.99	7,129.06	1,172.92	7.078				
2,150.00	2,136.96	1,867.06	2,136.96	7.98	1,201.94	-71.470	-8,344.54	-298.46	8,298.71	7,091.33	1,207.38	6.873				
2,200.00	2,185.93	1,916.03	2,185.93	8.22	1,236.22	-71.535	-8,344.54	-298.46	8,295.44	7,053.60	1,241.84	6.680				
2,250.00	2,234.90	1,965.00	2,234.90	8.47	1,270.50	-71.600	-8,344.54	-298.46	8,292.19	7,015.88	1,276.31	6.497				
2,300.00	2,283.87	2,013.97	2,283.87	8.71	1,304.78	-71.665	-8,344.54	-298.46	8,288.95	6,978.17	1,310.78	6.324				
2,350.00	2,332.84	2,062.94	2,332.84	8.96	1,339.06	-71.730	-8,344.54	-298.46	8,285.72	6,940.47	1,345.25	6.159				
2,400.00	2,381.81	2,111.91	2,381.81	9.21	1,373.34	-71.795	-8,344.54	-298.46	8,282.50	6,902.78	1,379.72	6.003				
2,450.00	2,430.78	2,160.88	2,430.78	9.46	1,407.61	-71.861	-8,344.54	-298.46	8,279.29	6,865.09	1,414.19	5.854				
2,500.00	2,479.75	2,209.85	2,479.75	9.71	1,441.89	-71.926	-8,344.54	-298.46	8,276.09	6,827.42	1,448.67	5.713				
2,550.00	2,528.72	2,258.82	2,528.72	9.96	1,476.17	-71.991	-8,344.54	-298.46	8,272.90	6,789.75	1,483.15	5.578				
2,600.00	2,577.69	2,307.79	2,577.69	10.22	1,510.45	-72.056	-8,344.54	-298.46	8,269.72	6,752.10	1,517.63	5.449				
2,650.00	2,626.65	2,356.75	2,626.65	10.47	1,544.73	-72.122	-8,344.54	-298.46	8,266.56	6,714.45	1,552.11	5.326				
2,700.00	2,675.62	2,405.72	2,675.62	10.73	1,579.01	-72.187	-8,344.54	-298.46	8,263.40	6,676.81	1,586.59	5.208				
2,750.00	2,724.59	2,454.69	2,724.59	10.98	1,613.29	-72.253	-8,344.54	-298.46	8,260.26	6,639.18	1,621.08	5.096				
2,800.00	2,773.56	2,503.66	2,773.56	11.24	1,647.56	-72.318	-8,344.54	-298.46	8,257.13	6,601.56	1,655.56	4.988				
2,850.00	2,822.53	2,552.63	2,822.53	11.50	1,681.84	-72.384	-8,344.54	-298.46	8,254.01	6,563.95	1,690.05	4.884				
2,900.00	2,871.50	2,601.60	2,871.50	11.76	1,716.12	-72.449	-8,344.54	-298.46	8,250.90	6,526.36	1,724.54	4.784				
2,950.00	2,920.47	2,650.57	2,920.47	12.02	1,750.40	-72.515	-8,344.54	-298.46	8,247.80	6,488.76	1,759.04	4.689				
3,000.00	2,969.44	2,699.54	2,969.44	12.28	1,784.68	-72.581	-8,344.54	-298.46	8,244.71	6,451.18	1,793.53	4.597				
3,050.00	3,018.41	2,748.51	3,018.41	12.54	1,818.96	-72.646	-8,344.54	-298.46	8,241.64	6,413.61	1,828.02	4.508				
3,100.00	3,067.38	2,797.48	3,067.38	12.80	1,853.23	-72.712	-8,344.54	-298.46	8,238.57	6,376.05	1,862.52	4.423				
3,150.00	3,116.35	2,846.45	3,116.35	13.06	1,887.51	-72.778	-8,344.54	-298.46	8,235.52	6,338.50	1,897.02	4.341				
3,200.00	3,165.32	2,895.42	3,165.32	13.32	1,921.79	-72.844	-8,344.54	-298.46	8,232.48	6,300.96	1,931.52	4.262				
3,250.00	3,214.28	2,944.38	3,214.28	13.58	1,956.07	-72.910	-8,344.54	-298.46	8,229.45	6,263.43	1,966.02	4.186				
3,300.00	3,263.25	2,993.35	3,263.25	13.84	1,990.35	-72.976	-8,344.54	-298.46	8,226.43	6,225.91	2,000.52	4.112				
3,350.00	3,312.22	3,042.32	3,312.22	14.11	2,024.63	-73.042	-8,344.54	-298.46	8,223.42	6,188.40	2,035.02	4.041				
3,400.00	3,361.19	3,091.29	3,361.19	14.37	2,058.90	-73.108	-8,344.54	-298.46	8,220.42	6,150.90	2,069.53	3.972				
3,450.00	3,410.16	3,140.26	3,410.16	14.63	2,093.18	-73.174	-8,344.54	-298.46	8,217.44	6,113.40	2,104.03	3.906				
3,500.00	3,459.13	3,189.23	3,459.13	14.90	2,127.46	-73.240	-8,344.54	-298.46	8,214.46	6,075.92	2,138.54	3.841				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design														Offset Site Error:
Survey Program: 300-BLIND														Offset Well Error:
MOHEE FED 0297-17-29 - OFFSET: PARKER UNIT #1A-20 - Wellbore #1 - Wellbore #1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,550.00	3,508.10	3,238.20	3,508.10	15.16	2,161.74	-73.306	-8,344.54	-298.46	8,211.50	6,038.45	2,173.05	3.779		
3,600.00	3,557.07	3,287.17	3,557.07	15.43	2,196.02	-73.373	-8,344.54	-298.46	8,208.55	6,000.99	2,207.55	3.718		
3,650.00	3,606.04	3,336.14	3,606.04	15.69	2,230.30	-73.439	-8,344.54	-298.46	8,205.61	5,963.54	2,242.07	3.660		
3,700.00	3,655.01	3,385.11	3,655.01	15.96	2,264.58	-73.505	-8,344.54	-298.46	8,202.68	5,926.10	2,276.58	3.603		
3,750.00	3,703.98	3,434.08	3,703.98	16.22	2,298.85	-73.572	-8,344.54	-298.46	8,199.76	5,888.67	2,311.09	3.548		
3,800.00	3,752.95	3,483.05	3,752.95	16.49	2,333.13	-73.638	-8,344.54	-298.46	8,196.85	5,851.25	2,345.60	3.495		
3,850.00	3,801.92	3,532.02	3,801.92	16.75	2,367.41	-73.704	-8,344.54	-298.46	8,193.96	5,813.84	2,380.12	3.443		
3,900.00	3,850.88	3,580.98	3,850.88	17.02	2,401.69	-73.771	-8,344.54	-298.46	8,191.08	5,776.44	2,414.63	3.392		
3,950.00	3,899.85	3,629.95	3,899.85	17.29	2,435.97	-73.838	-8,344.54	-298.46	8,188.20	5,739.05	2,449.15	3.343		
4,000.00	3,948.82	3,678.92	3,948.82	17.55	2,470.25	-73.904	-8,344.54	-298.46	8,185.34	5,701.68	2,483.67	3.296		
4,050.00	3,997.79	3,727.89	3,997.79	17.82	2,504.52	-73.971	-8,344.54	-298.46	8,182.50	5,664.31	2,518.19	3.249		
4,100.00	4,046.76	3,776.86	4,046.76	18.08	2,538.80	-74.038	-8,344.54	-298.46	8,179.66	5,626.95	2,552.71	3.204		
4,150.00	4,095.73	3,825.83	4,095.73	18.35	2,573.08	-74.104	-8,344.54	-298.46	8,176.83	5,589.60	2,587.23	3.160		
4,200.00	4,144.70	3,874.80	4,144.70	18.62	2,607.36	-74.171	-8,344.54	-298.46	8,174.02	5,552.27	2,621.75	3.118		
4,250.00	4,193.67	3,923.77	4,193.67	18.89	2,641.64	-74.238	-8,344.54	-298.46	8,171.22	5,514.94	2,656.27	3.076		
4,300.00	4,242.64	3,972.74	4,242.64	19.15	2,675.92	-74.305	-8,344.54	-298.46	8,168.42	5,477.63	2,690.80	3.036		
4,350.00	4,291.61	4,021.71	4,291.61	19.42	2,710.19	-74.372	-8,344.54	-298.46	8,165.64	5,440.32	2,725.32	2.996		
4,400.00	4,340.58	4,070.68	4,340.58	19.69	2,744.47	-74.439	-8,344.54	-298.46	8,162.88	5,403.03	2,759.85	2.958		
4,450.00	4,389.55	4,119.65	4,389.55	19.96	2,778.75	-74.506	-8,344.54	-298.46	8,160.12	5,365.75	2,794.37	2.920		
4,500.00	4,438.51	4,168.61	4,438.51	20.22	2,813.03	-74.573	-8,344.54	-298.46	8,157.37	5,328.47	2,828.90	2.884		
4,550.00	4,487.48	4,217.58	4,487.48	20.49	2,847.31	-74.640	-8,344.54	-298.46	8,154.64	5,291.21	2,863.43	2.848		
4,600.00	4,536.45	4,266.55	4,536.45	20.76	2,881.59	-74.707	-8,344.54	-298.46	8,151.92	5,253.96	2,897.96	2.813		
4,650.00	4,585.42	4,315.52	4,585.42	21.03	2,915.87	-74.774	-8,344.54	-298.46	8,149.21	5,216.72	2,932.49	2.779		
4,700.00	4,634.39	4,364.49	4,634.39	21.30	2,950.14	-74.841	-8,344.54	-298.46	8,146.51	5,179.49	2,967.02	2.746		
4,750.00	4,683.36	4,413.46	4,683.36	21.57	2,984.42	-74.909	-8,344.54	-298.46	8,143.82	5,142.27	3,001.55	2.713		
4,800.00	4,732.33	4,462.43	4,732.33	21.83	3,018.70	-74.976	-8,344.54	-298.46	8,141.15	5,105.06	3,036.09	2.681		
4,850.00	4,781.30	4,511.40	4,781.30	22.10	3,052.98	-75.043	-8,344.54	-298.46	8,138.48	5,067.86	3,070.62	2.650		
4,900.00	4,830.27	4,560.37	4,830.27	22.37	3,087.26	-75.111	-8,344.54	-298.46	8,135.83	5,030.68	3,105.16	2.620		
4,950.00	4,879.24	4,609.34	4,879.24	22.64	3,121.54	-75.178	-8,344.54	-298.46	8,133.19	4,993.50	3,139.69	2.590		
5,000.00	4,928.21	4,658.31	4,928.21	22.91	3,155.81	-75.246	-8,344.54	-298.46	8,130.56	4,956.33	3,174.23	2.561		
5,050.00	4,977.18	4,707.28	4,977.18	23.18	3,190.09	-75.313	-8,344.54	-298.46	8,127.95	4,919.18	3,208.77	2.533		
5,100.00	5,026.14	4,756.24	5,026.14	23.45	3,224.37	-75.381	-8,344.54	-298.46	8,125.34	4,882.04	3,243.30	2.505		
5,150.00	5,075.11	4,805.21	5,075.11	23.72	3,258.65	-75.448	-8,344.54	-298.46	8,122.75	4,844.90	3,277.84	2.478		
5,200.00	5,124.08	4,854.18	5,124.08	23.98	3,292.93	-75.516	-8,344.54	-298.46	8,120.17	4,807.78	3,312.38	2.451		
5,250.00	5,173.05	4,903.15	5,173.05	24.25	3,327.21	-75.584	-8,344.54	-298.46	8,117.59	4,770.67	3,346.92	2.425		
5,300.00	5,222.02	4,952.12	5,222.02	24.52	3,361.49	-75.651	-8,344.54	-298.46	8,115.04	4,733.57	3,381.46	2.400		
5,350.00	5,270.99	5,001.09	5,270.99	24.79	3,395.76	-75.719	-8,344.54	-298.46	8,112.49	4,696.48	3,416.01	2.375		
5,400.00	5,319.96	5,050.06	5,319.96	25.06	3,430.04	-75.787	-8,344.54	-298.46	8,109.96	4,659.41	3,450.55	2.350		
5,450.00	5,368.93	5,099.03	5,368.93	25.33	3,464.32	-75.855	-8,344.54	-298.46	8,107.43	4,622.34	3,485.09	2.326		
5,500.00	5,417.90	5,148.00	5,417.90	25.60	3,498.60	-75.923	-8,344.54	-298.46	8,104.92	4,585.28	3,519.64	2.303		
5,550.00	5,466.87	5,196.97	5,466.87	25.87	3,532.88	-75.991	-8,344.54	-298.46	8,102.42	4,548.24	3,554.18	2.280		
5,600.00	5,515.84	5,245.94	5,515.84	26.14	3,567.16	-76.059	-8,344.54	-298.46	8,099.93	4,511.20	3,588.73	2.257		
5,650.00	5,564.81	5,294.91	5,564.81	26.41	3,601.43	-76.127	-8,344.54	-298.46	8,097.46	4,474.18	3,623.28	2.235		
5,700.00	5,613.78	5,343.88	5,613.78	26.68	3,635.71	-76.195	-8,344.54	-298.46	8,094.99	4,437.17	3,657.82	2.213		
5,750.00	5,662.74	5,392.84	5,662.74	26.95	3,669.99	-76.263	-8,344.54	-298.46	8,092.54	4,400.17	3,692.37	2.192		
5,800.00	5,711.71	5,441.81	5,711.71	27.22	3,704.27	-76.331	-8,344.54	-298.46	8,090.10	4,363.18	3,726.92	2.171		
5,850.00	5,760.68	5,490.78	5,760.68	27.49	3,738.55	-76.399	-8,344.54	-298.46	8,087.67	4,326.20	3,761.47	2.150		
5,900.00	5,809.65	5,539.75	5,809.65	27.76	3,772.83	-76.467	-8,344.54	-298.46	8,085.26	4,289.24	3,796.02	2.130		
5,950.00	5,858.62	5,588.72	5,858.62	28.03	3,807.10	-76.536	-8,344.54	-298.46	8,082.85	4,252.28	3,830.57	2.110		
6,000.00	5,907.59	5,637.69	5,907.59	28.30	3,841.38	-76.604	-8,344.54	-298.46	8,080.46	4,215.34	3,865.12	2.091		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 300-BLIND													Offset Well Error:	0.00 usft
MOHEE FED 0297-17-29 - OFFSET: PARKER UNIT #1A-20 - Wellbore #1 - Wellbore #1														
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,050.00	5,956.56	5,686.66	5,956.56	28.57	3,875.66	-76.672	-8,344.54	-298.46	8,078.08	4,178.40	3,899.68	2.071		
6,100.00	6,005.53	5,735.63	6,005.53	28.84	3,909.94	-76.741	-8,344.54	-298.46	8,075.71	4,141.48	3,934.23	2.053		
6,150.00	6,054.50	5,784.60	6,054.50	29.11	3,944.22	-76.809	-8,344.54	-298.46	8,073.35	4,104.57	3,968.78	2.034		
6,200.00	6,103.47	5,833.57	6,103.47	29.38	3,978.50	-76.878	-8,344.54	-298.46	8,071.01	4,067.67	4,003.34	2.016		
6,250.00	6,152.44	5,882.54	6,152.44	29.65	4,012.78	-76.946	-8,344.54	-298.46	8,068.68	4,030.78	4,037.89	1.998		
6,300.00	6,201.41	5,931.51	6,201.41	29.92	4,047.05	-77.015	-8,344.54	-298.46	8,066.36	3,993.91	4,072.45	1.981		
6,350.00	6,250.37	5,980.47	6,250.37	30.19	4,081.33	-77.083	-8,344.54	-298.46	8,064.05	3,957.04	4,107.01	1.963		
6,400.00	6,299.34	6,029.44	6,299.34	30.46	4,115.61	-77.152	-8,344.54	-298.46	8,061.75	3,920.19	4,141.56	1.947		
6,450.00	6,348.31	6,078.41	6,348.31	30.73	4,149.89	-77.220	-8,344.54	-298.46	8,059.47	3,883.34	4,176.12	1.930		
6,500.00	6,397.28	6,127.38	6,397.28	31.00	4,184.17	-77.289	-8,344.54	-298.46	8,057.19	3,846.51	4,210.68	1.914		
6,550.00	6,446.25	6,176.35	6,446.25	31.28	4,218.45	-77.358	-8,344.54	-298.46	8,054.93	3,809.69	4,245.24	1.897		
6,600.00	6,495.22	6,225.32	6,495.22	31.55	4,252.72	-77.426	-8,344.54	-298.46	8,052.68	3,772.88	4,279.80	1.882		
6,650.00	6,544.19	6,274.29	6,544.19	31.82	4,287.00	-77.495	-8,344.54	-298.46	8,050.45	3,736.09	4,314.36	1.866		
6,700.00	6,593.16	6,323.26	6,593.16	32.09	4,321.28	-77.564	-8,344.54	-298.46	8,048.22	3,699.30	4,348.92	1.851		
6,750.00	6,642.13	6,372.23	6,642.13	32.36	4,355.56	-77.633	-8,344.54	-298.46	8,046.01	3,662.53	4,383.48	1.836		
6,800.00	6,691.10	6,421.20	6,691.10	32.63	4,389.84	-77.702	-8,344.54	-298.46	8,043.81	3,625.76	4,418.04	1.821		
6,850.00	6,740.07	6,470.17	6,740.07	32.90	4,424.12	-77.771	-8,344.54	-298.46	8,041.62	3,589.01	4,452.61	1.806		
6,900.00	6,789.04	6,519.14	6,789.04	33.17	4,458.40	-77.840	-8,344.54	-298.46	8,039.44	3,552.27	4,487.17	1.792		
6,950.00	6,838.01	6,568.11	6,838.01	33.44	4,492.67	-77.909	-8,344.54	-298.46	8,037.28	3,515.55	4,521.73	1.777		
7,000.00	6,886.97	6,617.07	6,886.97	33.71	4,526.95	-77.978	-8,344.54	-298.46	8,035.13	3,478.83	4,556.30	1.764		
7,050.00	6,935.94	6,666.04	6,935.94	33.98	4,561.23	-78.047	-8,344.54	-298.46	8,032.99	3,442.12	4,590.86	1.750		
7,100.00	6,984.91	6,715.01	6,984.91	34.25	4,595.51	-78.116	-8,344.54	-298.46	8,030.86	3,405.43	4,625.43	1.736		
7,150.00	7,033.88	6,763.98	7,033.88	34.52	4,629.79	-78.185	-8,344.54	-298.46	8,028.74	3,368.75	4,659.99	1.723		
7,200.00	7,082.85	6,812.95	7,082.85	34.79	4,664.07	-78.254	-8,344.54	-298.46	8,026.64	3,332.08	4,694.56	1.710		
7,250.00	7,131.82	6,861.92	7,131.82	35.07	4,698.34	-78.323	-8,344.54	-298.46	8,024.55	3,295.42	4,729.13	1.697		
7,300.00	7,180.79	6,910.89	7,180.79	35.34	4,732.62	-78.393	-8,344.54	-298.46	8,022.47	3,258.77	4,763.69	1.684		
7,350.00	7,229.76	6,959.86	7,229.76	35.61	4,766.90	-78.462	-8,344.54	-298.46	8,020.40	3,222.14	4,798.26	1.672		
7,400.00	7,278.73	7,008.83	7,278.73	35.88	4,801.18	-78.531	-8,344.54	-298.46	8,018.35	3,185.52	4,832.83	1.659		
7,450.00	7,327.70	7,057.80	7,327.70	36.15	4,835.46	-78.601	-8,344.54	-298.46	8,016.30	3,148.90	4,867.40	1.647		
7,500.00	7,376.67	7,106.77	7,376.67	36.42	4,869.74	-78.670	-8,344.54	-298.46	8,014.27	3,112.30	4,901.97	1.635		
7,550.00	7,425.64	7,155.74	7,425.64	36.69	4,904.01	-78.739	-8,344.54	-298.46	8,012.25	3,075.72	4,936.54	1.623		
7,600.00	7,474.60	7,204.70	7,474.60	36.96	4,938.29	-78.809	-8,344.54	-298.46	8,010.25	3,039.14	4,971.11	1.611		
7,650.00	7,523.57	7,253.67	7,523.57	37.23	4,972.57	-78.878	-8,344.54	-298.46	8,008.25	3,002.58	5,005.68	1.600		
7,700.00	7,572.54	7,302.64	7,572.54	37.51	5,006.85	-78.948	-8,344.54	-298.46	8,006.27	2,966.02	5,040.25	1.588		
7,750.00	7,621.51	7,351.61	7,621.51	37.78	5,041.13	-79.017	-8,344.54	-298.46	8,004.30	2,929.48	5,074.82	1.577		
7,800.00	7,670.48	7,400.58	7,670.48	38.05	5,075.41	-79.087	-8,344.54	-298.46	8,002.35	2,892.95	5,109.39	1.566		
7,850.00	7,719.45	7,449.55	7,719.45	38.32	5,109.69	-79.157	-8,344.54	-298.46	8,000.40	2,856.43	5,143.97	1.555		
7,900.00	7,768.42	7,498.52	7,768.42	38.59	5,143.96	-79.226	-8,344.54	-298.46	7,998.47	2,819.93	5,178.54	1.545		
7,950.00	7,817.39	7,547.49	7,817.39	38.86	5,178.24	-79.296	-8,344.54	-298.46	7,996.55	2,783.44	5,213.11	1.534		
8,000.00	7,866.36	7,596.46	7,866.36	39.13	5,212.52	-79.366	-8,344.54	-298.46	7,994.64	2,746.95	5,247.69	1.523		
8,050.00	7,915.33	7,645.43	7,915.33	39.40	5,246.80	-79.435	-8,344.54	-298.46	7,992.75	2,710.48	5,282.26	1.513		
8,100.00	7,964.30	7,694.40	7,964.30	39.68	5,281.08	-79.505	-8,344.54	-298.46	7,990.86	2,674.03	5,316.84	1.503		
8,150.00	8,013.27	7,743.37	8,013.27	39.95	5,315.36	-79.575	-8,344.54	-298.46	7,988.99	2,637.58	5,351.41	1.493 Level 3		
8,200.00	8,062.23	7,792.33	8,062.23	40.22	5,349.63	-79.645	-8,344.54	-298.46	7,987.13	2,601.15	5,385.99	1.483 Level 3		
8,250.00	8,111.20	7,841.30	8,111.20	40.49	5,383.91	-79.715	-8,344.54	-298.46	7,985.29	2,564.72	5,420.56	1.473 Level 3		
8,300.00	8,160.17	7,890.27	8,160.17	40.76	5,418.19	-79.785	-8,344.54	-298.46	7,983.45	2,528.31	5,455.14	1.463 Level 3		
8,350.00	8,209.14	7,939.24	8,209.14	41.03	5,452.47	-79.855	-8,344.54	-298.46	7,981.63	2,491.91	5,489.72	1.454 Level 3		
8,400.00	8,258.11	7,988.21	8,258.11	41.30	5,486.75	-79.925	-8,344.54	-298.46	7,979.82	2,455.53	5,524.29	1.444 Level 3		
8,450.00	8,307.08	8,037.18	8,307.08	41.57	5,521.03	-79.995	-8,344.54	-298.46	7,978.02	2,419.15	5,558.87	1.435 Level 3		
8,500.00	8,356.05	8,086.15	8,356.05	41.85	5,555.30	-80.065	-8,344.54	-298.46	7,976.24	2,382.79	5,593.45	1.426 Level 3		
8,550.00	8,405.02	8,135.12	8,405.02	42.12	5,589.58	-80.135	-8,344.54	-298.46	7,974.47	2,346.44	5,628.03	1.417 Level 3		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: PARKER UNIT #1A-20 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Measured Depth (usft)	Reference		Offset		Semi Major Axis			Distance				Warning			
	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
8,600.00	8,453.99	8,184.09	8,453.99	42.39	5,623.86	-80.205	-8,344.54	-298.46	7,972.71	2,310.10	5,662.60	1.408	Level 3		
8,650.00	8,502.96	8,233.06	8,502.96	42.66	5,658.14	-80.275	-8,344.54	-298.46	7,970.96	2,273.78	5,697.18	1.399	Level 3		
8,700.00	8,551.93	8,282.03	8,551.93	42.93	5,692.42	-80.345	-8,344.54	-298.46	7,969.23	2,237.46	5,731.76	1.390	Level 3		
8,750.00	8,600.90	8,331.00	8,600.90	43.20	5,726.70	-80.415	-8,344.54	-298.46	7,967.50	2,201.16	5,766.34	1.382	Level 3		
8,800.00	8,649.87	8,379.97	8,649.87	43.47	5,760.98	-80.485	-8,344.54	-298.46	7,965.79	2,164.87	5,800.92	1.373	Level 3		
8,850.00	8,698.83	8,428.93	8,698.83	43.75	5,795.25	-80.556	-8,344.54	-298.46	7,964.10	2,128.60	5,835.50	1.365	Level 3		
8,900.00	8,747.80	8,477.90	8,747.80	44.02	5,829.53	-80.626	-8,344.54	-298.46	7,962.41	2,092.33	5,870.08	1.356	Level 3		
8,950.00	8,796.77	8,526.87	8,796.77	44.29	5,863.81	-80.696	-8,344.54	-298.46	7,960.74	2,056.08	5,904.66	1.348	Level 3		
9,000.00	8,845.74	8,575.84	8,845.74	44.56	5,898.09	-80.766	-8,344.54	-298.46	7,959.08	2,019.84	5,939.24	1.340	Level 3		
9,050.00	8,894.71	8,624.81	8,894.71	44.83	5,932.37	-80.837	-8,344.54	-298.46	7,957.43	1,983.61	5,973.82	1.332	Level 3		
9,100.00	8,943.68	8,673.78	8,943.68	45.10	5,966.65	-80.907	-8,344.54	-298.46	7,955.80	1,947.39	6,008.40	1.324	Level 3		
9,150.00	8,992.65	8,722.75	8,992.65	45.38	6,000.92	-80.977	-8,344.54	-298.46	7,954.17	1,911.19	6,042.98	1.316	Level 3		
9,200.00	9,041.62	8,771.72	9,041.62	45.65	6,035.20	-81.048	-8,344.54	-298.46	7,952.56	1,875.00	6,077.57	1.309	Level 3		
9,250.00	9,090.59	8,820.69	9,090.59	45.92	6,069.48	-81.118	-8,344.54	-298.46	7,950.97	1,838.82	6,112.15	1.301	Level 3		
9,300.00	9,139.56	8,869.66	9,139.56	46.19	6,103.76	-81.189	-8,344.54	-298.46	7,949.38	1,802.65	6,146.73	1.293	Level 3		
9,350.00	9,188.53	8,918.63	9,188.53	46.46	6,138.04	-81.259	-8,344.54	-298.46	7,947.81	1,766.49	6,181.31	1.286	Level 3		
9,400.00	9,237.50	8,967.60	9,237.50	46.73	6,172.32	-81.330	-8,344.54	-298.46	7,946.25	1,730.35	6,215.90	1.278	Level 3		
9,450.00	9,286.46	9,016.56	9,286.46	47.01	6,206.60	-81.400	-8,344.54	-298.46	7,944.70	1,694.22	6,250.48	1.271	Level 3		
9,500.00	9,335.43	9,065.53	9,335.43	47.28	6,240.87	-81.471	-8,344.54	-298.46	7,943.16	1,658.10	6,285.06	1.264	Level 3		
9,550.00	9,384.40	9,114.50	9,384.40	47.55	6,275.15	-81.542	-8,344.54	-298.46	7,941.64	1,622.00	6,319.64	1.257	Level 3		
9,600.00	9,433.37	9,163.47	9,433.37	47.82	6,309.43	-81.612	-8,344.54	-298.46	7,940.13	1,585.90	6,354.23	1.250	Level 2		
9,650.00	9,482.34	9,212.44	9,482.34	48.09	6,343.71	-81.683	-8,344.54	-298.46	7,938.63	1,549.82	6,388.81	1.243	Level 2		
9,700.00	9,531.31	9,261.41	9,531.31	48.36	6,377.99	-81.754	-8,344.54	-298.46	7,937.15	1,513.76	6,423.39	1.236	Level 2		
9,750.00	9,580.28	9,310.38	9,580.28	48.64	6,412.27	-81.824	-8,344.54	-298.46	7,935.68	1,477.70	6,457.98	1.229	Level 2		
9,800.00	9,629.25	9,359.35	9,629.25	48.91	6,446.54	-81.895	-8,344.54	-298.46	7,934.22	1,441.66	6,492.56	1.222	Level 2		
9,850.00	9,678.22	9,408.32	9,678.22	49.18	6,480.82	-81.966	-8,344.54	-298.46	7,932.77	1,405.62	6,527.15	1.215	Level 2		
9,900.00	9,727.19	9,457.29	9,727.19	49.45	6,515.10	-82.037	-8,344.54	-298.46	7,931.34	1,369.61	6,561.73	1.209	Level 2		
9,950.00	9,776.16	9,506.26	9,776.16	49.72	6,549.38	-82.107	-8,344.54	-298.46	7,929.91	1,333.60	6,596.31	1.202	Level 2		
10,000.00	9,825.13	9,555.23	9,825.13	49.99	6,583.66	-82.178	-8,344.54	-298.46	7,928.50	1,297.61	6,630.90	1.196	Level 2		
10,050.00	9,874.09	9,604.19	9,874.09	50.27	6,617.94	-82.249	-8,344.54	-298.46	7,927.11	1,261.62	6,665.48	1.189	Level 2		
10,100.00	9,923.06	9,653.16	9,923.06	50.54	6,652.21	-82.320	-8,344.54	-298.46	7,925.72	1,225.66	6,700.07	1.183	Level 2		
10,150.00	9,972.03	9,702.13	9,972.03	50.81	6,686.49	-82.391	-8,344.54	-298.46	7,924.35	1,189.70	6,734.65	1.177	Level 2		
10,200.00	10,021.00	9,751.10	10,021.00	51.08	6,720.77	-82.462	-8,344.54	-298.46	7,922.99	1,153.76	6,769.24	1.170	Level 2		
10,250.00	10,069.97	9,800.07	10,069.97	51.35	6,755.05	-82.533	-8,344.54	-298.46	7,921.65	1,117.82	6,803.82	1.164	Level 2		
10,300.00	10,118.94	9,849.04	10,118.94	51.62	6,789.33	-82.604	-8,344.54	-298.46	7,920.31	1,081.91	6,838.41	1.158	Level 2		
10,350.00	10,167.91	9,898.01	10,167.91	51.90	6,823.61	-82.675	-8,344.54	-298.46	7,918.99	1,046.00	6,872.99	1.152	Level 2		
10,400.00	10,216.88	9,946.98	10,216.88	52.17	6,857.89	-82.746	-8,344.54	-298.46	7,917.69	1,010.11	6,907.58	1.146	Level 2		
10,450.00	10,265.85	9,995.95	10,265.85	52.44	6,892.16	-82.817	-8,344.54	-298.46	7,916.39	974.23	6,942.16	1.140	Level 2		
10,500.00	10,314.82	10,044.92	10,314.82	52.71	6,926.44	-82.888	-8,344.54	-298.46	7,915.11	938.36	6,976.75	1.134	Level 2		
10,550.00	10,363.79	10,093.89	10,363.79	52.98	6,960.72	-82.959	-8,344.54	-298.46	7,913.84	902.50	7,011.33	1.129	Level 2		
10,600.00	10,412.76	10,142.86	10,412.76	53.25	6,995.00	-83.030	-8,344.54	-298.46	7,912.58	866.66	7,045.92	1.123	Level 2		
10,618.11	10,430.50	10,160.60	10,430.50	53.35	7,007.42	-83.056	-8,344.54	-298.46	7,912.13	853.68	7,058.45	1.121	Level 2		
10,650.00	10,461.64	10,191.74	10,461.64	53.53	7,029.22	-71.257	-8,344.54	-298.46	7,910.53	847.01	7,063.52	1.120	Level 2		
10,700.00	10,509.99	10,240.09	10,509.99	53.83	7,063.06	-58.312	-8,344.54	-298.46	7,904.82	867.15	7,037.67	1.123	Level 2		
10,750.00	10,557.44	10,287.54	10,557.44	54.14	7,096.28	-50.209	-8,344.54	-298.46	7,895.23	923.06	6,972.16	1.132	Level 2		
10,800.00	10,603.67	10,333.77	10,603.67	54.47	7,128.64	-45.082	-8,344.54	-298.46	7,881.82	1,011.95	6,869.87	1.147	Level 2		
10,850.00	10,648.37	10,378.47	10,648.37	54.81	7,159.93	-41.825	-8,344.54	-298.46	7,864.71	1,129.70	6,735.01	1.168	Level 2		
10,900.00	10,691.23	10,421.33	10,691.23	55.17	7,189.93	-39.829	-8,344.54	-298.46	7,844.01	1,270.52	6,573.49	1.193	Level 2		
10,950.00	10,731.95	10,462.05	10,731.95	55.53	7,218.44	-38.755	-8,344.54	-298.46	7,819.86	1,426.44	6,393.42	1.223	Level 2		
11,000.00	10,770.26	10,500.36	10,770.26	55.91	7,245.25	-38.424	-8,344.54	-298.46	7,792.44	1,586.68	6,205.75	1.256	Level 3		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

**Offset Design** MOHEE FED 0297-17-29 - OFFSET: PARKER UNIT #1A-20 - Wellbore #1 - Wellbore #1 **Offset Site Error:** 0.00 usft  
**Survey Program:** 300-BLIND **Offset Well Error:** 0.00 usft

Measured Depth (usft)	Vertical Depth (usft)	Reference		Offset		Semi Major Axis			Distance				Warning
		Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	
11,050.00	10,805.89	10,535.99	10,805.89	56.29	7,270.19	-38.749	-8,344.54	-298.46	7,761.94	1,736.92	6,025.02	1.288	Level 3
11,100.00	10,838.59	10,568.69	10,838.59	56.68	7,293.08	-39.711	-8,344.54	-298.46	7,728.57	1,858.53	5,870.05	1.317	Level 3
11,150.00	10,868.14	10,598.24	10,868.14	57.08	7,313.77	-41.344	-8,344.54	-298.46	7,692.57	1,928.25	5,764.32	1.335	Level 3
11,200.00	10,894.34	10,624.44	10,894.34	57.48	7,332.11	-43.739	-8,344.54	-298.46	7,654.18	1,919.11	5,735.08	1.335	Level 3
11,250.00	10,917.01	10,647.11	10,917.01	57.89	7,347.98	-47.045	-8,344.54	-298.46	7,613.68	1,803.67	5,810.01	1.310	Level 3
11,300.00	10,935.99	10,666.09	10,935.99	58.31	7,361.26	-51.484	-8,344.54	-298.46	7,571.33	1,561.19	6,010.14	1.260	Level 3
11,350.00	10,951.16	10,681.26	10,951.16	58.73	7,371.88	-57.352	-8,344.54	-298.46	7,527.43	1,189.90	6,337.53	1.188	Level 2
11,400.00	10,962.40	10,692.50	10,962.40	59.15	7,379.75	-64.993	-8,344.54	-298.46	7,482.28	725.58	6,756.70	1.107	Level 2
11,450.00	10,969.64	10,699.74	10,969.64	59.57	7,384.82	-74.686	-8,344.54	-298.46	7,436.19	264.23	7,171.96	1.037	Level 2
11,500.00	10,972.84	10,702.94	10,972.84	60.00	7,387.05	-86.382	-8,344.54	-298.46	7,389.47	-31.77	7,421.24	0.996	Level 1
11,514.23	10,973.00	10,703.10	10,973.00	60.12	7,387.17	-90.000	-8,344.54	-298.46	7,376.10	-60.50	7,436.60	0.992	Level 1
11,550.00	10,973.00	10,703.10	10,973.00	60.42	7,387.17	-90.000	-8,344.54	-298.46	7,342.40	-94.34	7,436.74	0.987	Level 1
11,600.00	10,973.00	10,703.10	10,973.00	60.85	7,387.17	-90.000	-8,344.54	-298.46	7,295.09	-141.84	7,436.93	0.981	Level 1
11,650.00	10,973.00	10,703.10	10,973.00	61.27	7,387.17	-90.000	-8,344.54	-298.46	7,247.54	-189.59	7,437.13	0.975	Level 1
11,700.00	10,973.00	10,703.10	10,973.00	61.71	7,387.17	-90.000	-8,344.54	-298.46	7,199.75	-237.56	7,437.31	0.968	Level 1
11,750.00	10,973.00	10,703.10	10,973.00	62.13	7,387.17	-90.000	-8,344.54	-298.46	7,151.75	-285.76	7,437.50	0.962	Level 1
11,773.11	10,973.00	10,703.10	10,973.00	62.33	7,387.17	-90.000	-8,344.54	-298.46	7,129.48	-308.10	7,437.59	0.959	Level 1
11,800.00	10,973.00	10,703.10	10,973.00	62.57	7,387.17	-90.000	-8,344.54	-298.46	7,103.56	-334.32	7,437.88	0.955	Level 1
11,850.00	10,973.00	10,703.10	10,973.00	63.01	7,387.17	-90.000	-8,344.54	-298.46	7,055.38	-383.08	7,438.46	0.949	Level 1
11,900.00	10,973.00	10,703.10	10,973.00	63.46	7,387.17	-90.000	-8,344.54	-298.46	7,007.22	-431.81	7,439.03	0.942	Level 1
11,950.00	10,973.00	10,703.10	10,973.00	63.93	7,387.17	-90.000	-8,344.54	-298.46	6,959.08	-480.54	7,439.63	0.935	Level 1
12,000.00	10,973.00	10,703.10	10,973.00	64.40	7,387.17	-90.000	-8,344.54	-298.46	6,910.98	-529.25	7,440.23	0.929	Level 1
12,050.00	10,973.00	10,703.10	10,973.00	64.89	7,387.17	-90.000	-8,344.54	-298.46	6,862.90	-577.95	7,440.85	0.922	Level 1
12,100.00	10,973.00	10,703.10	10,973.00	65.40	7,387.17	-90.000	-8,344.54	-298.46	6,814.84	-626.63	7,441.47	0.916	Level 1
12,150.00	10,973.00	10,703.10	10,973.00	65.91	7,387.17	-90.000	-8,344.54	-298.46	6,766.82	-675.30	7,442.12	0.909	Level 1
12,200.00	10,973.00	10,703.10	10,973.00	66.43	7,387.17	-90.000	-8,344.54	-298.46	6,718.82	-723.95	7,442.77	0.903	Level 1
12,250.00	10,973.00	10,703.10	10,973.00	66.97	7,387.17	-90.000	-8,344.54	-298.46	6,670.86	-772.58	7,443.44	0.896	Level 1
12,300.00	10,973.00	10,703.10	10,973.00	67.51	7,387.17	-90.000	-8,344.54	-298.46	6,622.92	-821.19	7,444.11	0.890	Level 1
12,350.00	10,973.00	10,703.10	10,973.00	68.07	7,387.17	-90.000	-8,344.54	-298.46	6,575.02	-869.79	7,444.80	0.883	Level 1
12,400.00	10,973.00	10,703.10	10,973.00	68.64	7,387.17	-90.000	-8,344.54	-298.46	6,527.14	-918.35	7,445.50	0.877	Level 1
12,450.00	10,973.00	10,703.10	10,973.00	69.22	7,387.17	-90.000	-8,344.54	-298.46	6,479.30	-966.90	7,446.21	0.870	Level 1
12,500.00	10,973.00	10,703.10	10,973.00	69.81	7,387.17	-90.000	-8,344.54	-298.46	6,431.49	-1,015.42	7,446.92	0.864	Level 1
12,550.00	10,973.00	10,703.10	10,973.00	70.41	7,387.17	-90.000	-8,344.54	-298.46	6,383.72	-1,063.93	7,447.65	0.857	Level 1
12,600.00	10,973.00	10,703.10	10,973.00	71.01	7,387.17	-90.000	-8,344.54	-298.46	6,335.98	-1,112.40	7,448.37	0.851	Level 1
12,650.00	10,973.00	10,703.10	10,973.00	71.63	7,387.17	-90.000	-8,344.54	-298.46	6,288.27	-1,160.85	7,449.12	0.844	Level 1
12,700.00	10,973.00	10,703.10	10,973.00	72.26	7,387.17	-90.000	-8,344.54	-298.46	6,240.60	-1,209.26	7,449.86	0.838	Level 1
12,750.00	10,973.00	10,703.10	10,973.00	72.90	7,387.17	-90.000	-8,344.54	-298.46	6,192.97	-1,257.66	7,450.63	0.831	Level 1
12,800.00	10,973.00	10,703.10	10,973.00	73.54	7,387.17	-90.000	-8,344.54	-298.46	6,145.37	-1,306.01	7,451.39	0.825	Level 1
12,850.00	10,973.00	10,703.10	10,973.00	74.20	7,387.17	-90.000	-8,344.54	-298.46	6,097.82	-1,354.35	7,452.16	0.818	Level 1
12,900.00	10,973.00	10,703.10	10,973.00	74.86	7,387.17	-90.000	-8,344.54	-298.46	6,050.30	-1,402.64	7,452.94	0.812	Level 1
12,950.00	10,973.00	10,703.10	10,973.00	75.53	7,387.17	-90.000	-8,344.54	-298.46	6,002.82	-1,450.91	7,453.73	0.805	Level 1
13,000.00	10,973.00	10,703.10	10,973.00	76.21	7,387.17	-90.000	-8,344.54	-298.46	5,955.38	-1,499.13	7,454.51	0.799	Level 1
13,050.00	10,973.00	10,703.10	10,973.00	76.90	7,387.17	-90.000	-8,344.54	-298.46	5,907.99	-1,547.33	7,455.32	0.792	Level 1
13,100.00	10,973.00	10,703.10	10,973.00	77.59	7,387.17	-90.000	-8,344.54	-298.46	5,860.64	-1,595.48	7,456.12	0.786	Level 1
13,150.00	10,973.00	10,703.10	10,973.00	78.30	7,387.17	-90.000	-8,344.54	-298.46	5,813.33	-1,643.60	7,456.93	0.780	Level 1
13,200.00	10,973.00	10,703.10	10,973.00	79.00	7,387.17	-90.000	-8,344.54	-298.46	5,766.07	-1,691.67	7,457.74	0.773	Level 1
13,250.00	10,973.00	10,703.10	10,973.00	79.72	7,387.17	-90.000	-8,344.54	-298.46	5,718.86	-1,739.71	7,458.57	0.767	Level 1
13,300.00	10,973.00	10,703.10	10,973.00	80.45	7,387.17	-90.000	-8,344.54	-298.46	5,671.69	-1,787.70	7,459.39	0.760	Level 1
13,350.00	10,973.00	10,703.10	10,973.00	81.18	7,387.17	-90.000	-8,344.54	-298.46	5,624.58	-1,835.65	7,460.23	0.754	Level 1
13,400.00	10,973.00	10,703.10	10,973.00	81.91	7,387.17	-90.000	-8,344.54	-298.46	5,577.51	-1,883.55	7,461.06	0.748	Level 1
13,450.00	10,973.00	10,703.10	10,973.00	82.66	7,387.17	-90.000	-8,344.54	-298.46	5,530.49	-1,931.41	7,461.90	0.741	Level 1

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: PARKER UNIT #1A-20 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
13,500.00	10,973.00	10,703.10	10,973.00	83.41	7,387.17	-90.000	-8,344.54	-298.46	5,483.53	-1,979.22	7,462.75	0.735	Level 1		
13,550.00	10,973.00	10,703.10	10,973.00	84.17	7,387.17	-90.000	-8,344.54	-298.46	5,436.62	-2,026.98	7,463.60	0.728	Level 1		
13,600.00	10,973.00	10,703.10	10,973.00	84.93	7,387.17	-90.000	-8,344.54	-298.46	5,389.77	-2,074.68	7,464.45	0.722	Level 1		
13,650.00	10,973.00	10,703.10	10,973.00	85.70	7,387.17	-90.000	-8,344.54	-298.46	5,342.97	-2,122.34	7,465.31	0.716	Level 1		
13,700.00	10,973.00	10,703.10	10,973.00	86.47	7,387.17	-90.000	-8,344.54	-298.46	5,296.23	-2,169.94	7,466.17	0.709	Level 1		
13,750.00	10,973.00	10,703.10	10,973.00	87.25	7,387.17	-90.000	-8,344.54	-298.46	5,249.56	-2,217.48	7,467.04	0.703	Level 1		
13,800.00	10,973.00	10,703.10	10,973.00	88.03	7,387.17	-90.000	-8,344.54	-298.46	5,202.94	-2,264.97	7,467.91	0.697	Level 1		
13,850.00	10,973.00	10,703.10	10,973.00	88.82	7,387.17	-90.000	-8,344.54	-298.46	5,156.39	-2,312.40	7,468.79	0.690	Level 1		
13,900.00	10,973.00	10,703.10	10,973.00	89.62	7,387.17	-90.000	-8,344.54	-298.46	5,109.90	-2,359.76	7,469.66	0.684	Level 1		
13,950.00	10,973.00	10,703.10	10,973.00	90.42	7,387.17	-90.000	-8,344.54	-298.46	5,063.48	-2,407.06	7,470.54	0.678	Level 1		
14,000.00	10,973.00	10,703.10	10,973.00	91.22	7,387.17	-90.000	-8,344.54	-298.46	5,017.13	-2,454.30	7,471.43	0.672	Level 1		
14,050.00	10,973.00	10,703.10	10,973.00	92.03	7,387.17	-90.000	-8,344.54	-298.46	4,970.85	-2,501.47	7,472.31	0.665	Level 1		
14,100.00	10,973.00	10,703.10	10,973.00	92.84	7,387.17	-90.000	-8,344.54	-298.46	4,924.64	-2,548.56	7,473.20	0.659	Level 1		
14,150.00	10,973.00	10,703.10	10,973.00	93.66	7,387.17	-90.000	-8,344.54	-298.46	4,878.51	-2,595.59	7,474.10	0.653	Level 1		
14,200.00	10,973.00	10,703.10	10,973.00	94.48	7,387.17	-90.000	-8,344.54	-298.46	4,832.45	-2,642.54	7,474.99	0.646	Level 1		
14,250.00	10,973.00	10,703.10	10,973.00	95.31	7,387.17	-90.000	-8,344.54	-298.46	4,786.48	-2,689.42	7,475.89	0.640	Level 1		
14,300.00	10,973.00	10,703.10	10,973.00	96.14	7,387.17	-90.000	-8,344.54	-298.46	4,740.58	-2,736.22	7,476.79	0.634	Level 1		
14,350.00	10,973.00	10,703.10	10,973.00	96.97	7,387.17	-90.000	-8,344.54	-298.46	4,694.77	-2,782.93	7,477.70	0.628	Level 1		
14,400.00	10,973.00	10,703.10	10,973.00	97.81	7,387.17	-90.000	-8,344.54	-298.46	4,649.04	-2,829.56	7,478.61	0.622	Level 1		
14,450.00	10,973.00	10,703.10	10,973.00	98.65	7,387.17	-90.000	-8,344.54	-298.46	4,603.41	-2,876.11	7,479.52	0.615	Level 1		
14,500.00	10,973.00	10,703.10	10,973.00	99.50	7,387.17	-90.000	-8,344.54	-298.46	4,557.86	-2,922.57	7,480.43	0.609	Level 1		
14,550.00	10,973.00	10,703.10	10,973.00	100.35	7,387.17	-90.000	-8,344.54	-298.46	4,512.41	-2,968.93	7,481.34	0.603	Level 1		
14,600.00	10,973.00	10,703.10	10,973.00	101.20	7,387.17	-90.000	-8,344.54	-298.46	4,467.06	-3,015.20	7,482.26	0.597	Level 1		
14,650.00	10,973.00	10,703.10	10,973.00	102.06	7,387.17	-90.000	-8,344.54	-298.46	4,421.80	-3,061.38	7,483.18	0.591	Level 1		
14,700.00	10,973.00	10,703.10	10,973.00	102.92	7,387.17	-90.000	-8,344.54	-298.46	4,376.65	-3,107.45	7,484.10	0.585	Level 1		
14,750.00	10,973.00	10,703.10	10,973.00	103.78	7,387.17	-90.000	-8,344.54	-298.46	4,331.61	-3,153.41	7,485.02	0.579	Level 1		
14,800.00	10,973.00	10,703.10	10,973.00	104.64	7,387.17	-90.000	-8,344.54	-298.46	4,286.68	-3,199.27	7,485.95	0.573	Level 1		
14,850.00	10,973.00	10,703.10	10,973.00	105.51	7,387.17	-90.000	-8,344.54	-298.46	4,241.86	-3,245.02	7,486.88	0.567	Level 1		
14,900.00	10,973.00	10,703.10	10,973.00	106.38	7,387.17	-90.000	-8,344.54	-298.46	4,197.15	-3,290.65	7,487.81	0.561	Level 1		
14,950.00	10,973.00	10,703.10	10,973.00	107.26	7,387.17	-90.000	-8,344.54	-298.46	4,152.57	-3,336.17	7,488.74	0.555	Level 1		
15,000.00	10,973.00	10,703.10	10,973.00	108.13	7,387.17	-90.000	-8,344.54	-298.46	4,108.11	-3,381.56	7,489.67	0.549	Level 1		
15,050.00	10,973.00	10,703.10	10,973.00	109.01	7,387.17	-90.000	-8,344.54	-298.46	4,063.78	-3,426.82	7,490.60	0.543	Level 1		
15,100.00	10,973.00	10,703.10	10,973.00	109.90	7,387.17	-90.000	-8,344.54	-298.46	4,019.59	-3,471.95	7,491.54	0.537	Level 1		
15,150.00	10,973.00	10,703.10	10,973.00	110.78	7,387.17	-90.000	-8,344.54	-298.46	3,975.53	-3,516.95	7,492.48	0.531	Level 1		
15,200.00	10,973.00	10,703.10	10,973.00	111.67	7,387.17	-90.000	-8,344.54	-298.46	3,931.61	-3,561.80	7,493.42	0.525	Level 1		
15,250.00	10,973.00	10,703.10	10,973.00	112.56	7,387.17	-90.000	-8,344.54	-298.46	3,887.84	-3,606.52	7,494.36	0.519	Level 1		
15,300.00	10,973.00	10,703.10	10,973.00	113.45	7,387.17	-90.000	-8,344.54	-298.46	3,844.23	-3,651.07	7,495.30	0.513	Level 1		
15,350.00	10,973.00	10,703.10	10,973.00	114.35	7,387.17	-90.000	-8,344.54	-298.46	3,800.77	-3,695.48	7,496.25	0.507	Level 1		
15,400.00	10,973.00	10,703.10	10,973.00	115.24	7,387.17	-90.000	-8,344.54	-298.46	3,757.47	-3,739.72	7,497.19	0.501	Level 1		
15,450.00	10,973.00	10,703.10	10,973.00	116.14	7,387.17	-90.000	-8,344.54	-298.46	3,714.34	-3,783.80	7,498.14	0.495	Level 1		
15,500.00	10,973.00	10,703.10	10,973.00	117.05	7,387.17	-90.000	-8,344.54	-298.46	3,671.39	-3,827.70	7,499.09	0.490	Level 1		
15,550.00	10,973.00	10,703.10	10,973.00	117.95	7,387.17	-90.000	-8,344.54	-298.46	3,628.61	-3,871.43	7,500.04	0.484	Level 1		
15,600.00	10,973.00	10,703.10	10,973.00	118.85	7,387.17	-90.000	-8,344.54	-298.46	3,586.03	-3,914.96	7,500.99	0.478	Level 1		
15,650.00	10,973.00	10,703.10	10,973.00	119.76	7,387.17	-90.000	-8,344.54	-298.46	3,543.63	-3,958.31	7,501.94	0.472	Level 1		
15,700.00	10,973.00	10,703.10	10,973.00	120.67	7,387.17	-90.000	-8,344.54	-298.46	3,501.44	-4,001.46	7,502.90	0.467	Level 1		
15,750.00	10,973.00	10,703.10	10,973.00	121.58	7,387.17	-90.000	-8,344.54	-298.46	3,459.46	-4,044.40	7,503.85	0.461	Level 1		
15,800.00	10,973.00	10,703.10	10,973.00	122.50	7,387.17	-90.000	-8,344.54	-298.46	3,417.69	-4,087.12	7,504.81	0.455	Level 1		
15,850.00	10,973.00	10,703.10	10,973.00	123.41	7,387.17	-90.000	-8,344.54	-298.46	3,376.14	-4,129.62	7,505.77	0.450	Level 1		
15,900.00	10,973.00	10,703.10	10,973.00	124.33	7,387.17	-90.000	-8,344.54	-298.46	3,334.83	-4,171.90	7,506.72	0.444	Level 1		
15,950.00	10,973.00	10,703.10	10,973.00	125.25	7,387.17	-90.000	-8,344.54	-298.46	3,293.76	-4,213.93	7,507.69	0.439	Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: PARKER UNIT #1A-20 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance				Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
16,000.00	10,973.00	10,703.10	10,973.00	126.17	7,387.17	-90.000	-8,344.54	-298.46	3,252.93	-4,255.71	7,508.65	0.433	Level 1		
16,050.00	10,973.00	10,703.10	10,973.00	127.09	7,387.17	-90.000	-8,344.54	-298.46	3,212.37	-4,297.24	7,509.61	0.428	Level 1		
16,100.00	10,973.00	10,703.10	10,973.00	128.02	7,387.17	-90.000	-8,344.54	-298.46	3,172.08	-4,338.49	7,510.57	0.422	Level 1		
16,150.00	10,973.00	10,703.10	10,973.00	128.94	7,387.17	-90.000	-8,344.54	-298.46	3,132.07	-4,379.47	7,511.54	0.417	Level 1		
16,200.00	10,973.00	10,703.10	10,973.00	129.87	7,387.17	-90.000	-8,344.54	-298.46	3,092.34	-4,420.16	7,512.50	0.412	Level 1		
16,250.00	10,973.00	10,703.10	10,973.00	130.80	7,387.17	-90.000	-8,344.54	-298.46	3,052.92	-4,460.54	7,513.47	0.406	Level 1		
16,300.00	10,973.00	10,703.10	10,973.00	131.73	7,387.17	-90.000	-8,344.54	-298.46	3,013.82	-4,500.62	7,514.43	0.401	Level 1		
16,350.00	10,973.00	10,703.10	10,973.00	132.66	7,387.17	-90.000	-8,344.54	-298.46	2,975.03	-4,540.37	7,515.40	0.396	Level 1		
16,400.00	10,973.00	10,703.10	10,973.00	133.60	7,387.17	-90.000	-8,344.54	-298.46	2,936.59	-4,579.78	7,516.37	0.391	Level 1		
16,450.00	10,973.00	10,703.10	10,973.00	134.53	7,387.17	-90.000	-8,344.54	-298.46	2,898.50	-4,618.83	7,517.34	0.386	Level 1		
16,500.00	10,973.00	10,703.10	10,973.00	135.47	7,387.17	-90.000	-8,344.54	-298.46	2,860.78	-4,657.53	7,518.31	0.381	Level 1		
16,550.00	10,973.00	10,703.10	10,973.00	136.40	7,387.17	-90.000	-8,344.54	-298.46	2,823.44	-4,695.84	7,519.28	0.375	Level 1		
16,600.00	10,973.00	10,703.10	10,973.00	137.34	7,387.17	-90.000	-8,344.54	-298.46	2,786.50	-4,733.75	7,520.25	0.371	Level 1		
16,650.00	10,973.00	10,703.10	10,973.00	138.28	7,387.17	-90.000	-8,344.54	-298.46	2,749.97	-4,771.26	7,521.23	0.366	Level 1		
16,700.00	10,973.00	10,703.10	10,973.00	139.22	7,387.17	-90.000	-8,344.54	-298.46	2,713.87	-4,808.33	7,522.20	0.361	Level 1		
16,750.00	10,973.00	10,703.10	10,973.00	140.17	7,387.17	-90.000	-8,344.54	-298.46	2,678.21	-4,844.96	7,523.18	0.356	Level 1		
16,800.00	10,973.00	10,703.10	10,973.00	141.11	7,387.17	-90.000	-8,344.54	-298.46	2,643.02	-4,881.13	7,524.15	0.351	Level 1		
16,850.00	10,973.00	10,703.10	10,973.00	142.06	7,387.17	-90.000	-8,344.54	-298.46	2,608.32	-4,916.81	7,525.13	0.347	Level 1		
16,900.00	10,973.00	10,703.10	10,973.00	143.00	7,387.17	-90.000	-8,344.54	-298.46	2,574.12	-4,951.99	7,526.10	0.342	Level 1		
16,950.00	10,973.00	10,703.10	10,973.00	143.95	7,387.17	-90.000	-8,344.54	-298.46	2,540.44	-4,986.64	7,527.08	0.338	Level 1		
17,000.00	10,973.00	10,703.10	10,973.00	144.90	7,387.17	-90.000	-8,344.54	-298.46	2,507.30	-5,020.75	7,528.06	0.333	Level 1		
17,050.00	10,973.00	10,703.10	10,973.00	145.85	7,387.17	-90.000	-8,344.54	-298.46	2,474.74	-5,054.30	7,529.04	0.329	Level 1		
17,100.00	10,973.00	10,703.10	10,973.00	146.80	7,387.17	-90.000	-8,344.54	-298.46	2,442.76	-5,087.26	7,530.02	0.324	Level 1		
17,150.00	10,973.00	10,703.10	10,973.00	147.75	7,387.17	-90.000	-8,344.54	-298.46	2,411.40	-5,119.60	7,531.00	0.320	Level 1		
17,200.00	10,973.00	10,703.10	10,973.00	148.70	7,387.17	-90.000	-8,344.54	-298.46	2,380.67	-5,151.31	7,531.98	0.316	Level 1		
17,250.00	10,973.00	10,703.10	10,973.00	149.66	7,387.17	-90.000	-8,344.54	-298.46	2,350.60	-5,182.36	7,532.96	0.312	Level 1		
17,300.00	10,973.00	10,703.10	10,973.00	150.61	7,387.17	-90.000	-8,344.54	-298.46	2,321.22	-5,212.72	7,533.94	0.308	Level 1		
17,350.00	10,973.00	10,703.10	10,973.00	151.57	7,387.17	-90.000	-8,344.54	-298.46	2,292.56	-5,242.37	7,534.93	0.304	Level 1		
17,400.00	10,973.00	10,703.10	10,973.00	152.52	7,387.17	-90.000	-8,344.54	-298.46	2,264.64	-5,271.27	7,535.91	0.301	Level 1		
17,450.00	10,973.00	10,703.10	10,973.00	153.48	7,387.17	-90.000	-8,344.54	-298.46	2,237.48	-5,299.41	7,536.89	0.297	Level 1		
17,500.00	10,973.00	10,703.10	10,973.00	154.44	7,387.17	-90.000	-8,344.54	-298.46	2,211.13	-5,326.75	7,537.88	0.293	Level 1		
17,550.00	10,973.00	10,703.10	10,973.00	155.40	7,387.17	-90.000	-8,344.54	-298.46	2,185.59	-5,353.27	7,538.86	0.290	Level 1		
17,600.00	10,973.00	10,703.10	10,973.00	156.36	7,387.17	-90.000	-8,344.54	-298.46	2,160.92	-5,378.93	7,539.85	0.287	Level 1		
17,650.00	10,973.00	10,703.10	10,973.00	157.32	7,387.17	-90.000	-8,344.54	-298.46	2,137.13	-5,403.70	7,540.83	0.283	Level 1		
17,700.00	10,973.00	10,703.10	10,973.00	158.28	7,387.17	-90.000	-8,344.54	-298.46	2,114.25	-5,427.57	7,541.82	0.280	Level 1		
17,750.00	10,973.00	10,703.10	10,973.00	159.24	7,387.17	-90.000	-8,344.54	-298.46	2,092.32	-5,450.48	7,542.81	0.277	Level 1		
17,800.00	10,973.00	10,703.10	10,973.00	160.21	7,387.17	-90.000	-8,344.54	-298.46	2,071.37	-5,472.43	7,543.80	0.275	Level 1		
17,850.00	10,973.00	10,703.10	10,973.00	161.17	7,387.17	-90.000	-8,344.54	-298.46	2,051.42	-5,493.36	7,544.78	0.272	Level 1		
17,900.00	10,973.00	10,703.10	10,973.00	162.14	7,387.17	-90.000	-8,344.54	-298.46	2,032.50	-5,513.27	7,545.77	0.269	Level 1		
17,950.00	10,973.00	10,703.10	10,973.00	163.10	7,387.17	-90.000	-8,344.54	-298.46	2,014.65	-5,532.11	7,546.76	0.267	Level 1		
18,000.00	10,973.00	10,703.10	10,973.00	164.07	7,387.17	-90.000	-8,344.54	-298.46	1,997.89	-5,549.86	7,547.75	0.265	Level 1		
18,050.00	10,973.00	10,703.10	10,973.00	165.04	7,387.17	-90.000	-8,344.54	-298.46	1,982.25	-5,566.49	7,548.74	0.263	Level 1		
18,100.00	10,973.00	10,703.10	10,973.00	166.01	7,387.17	-90.000	-8,344.54	-298.46	1,967.76	-5,581.97	7,549.73	0.261	Level 1		
18,150.00	10,973.00	10,703.10	10,973.00	166.97	7,387.17	-90.000	-8,344.54	-298.46	1,954.44	-5,596.29	7,550.72	0.259	Level 1		
18,200.00	10,973.00	10,703.10	10,973.00	167.94	7,387.17	-90.000	-8,344.54	-298.46	1,942.31	-5,609.40	7,551.72	0.257	Level 1		
18,250.00	10,973.00	10,703.10	10,973.00	168.92	7,387.17	-90.000	-8,344.54	-298.46	1,931.40	-5,621.30	7,552.71	0.256	Level 1		
18,300.00	10,973.00	10,703.10	10,973.00	169.89	7,387.17	-90.000	-8,344.54	-298.46	1,921.74	-5,631.96	7,553.70	0.254	Level 1		
18,350.00	10,973.00	10,703.10	10,973.00	170.86	7,387.17	-90.000	-8,344.54	-298.46	1,913.33	-5,641.37	7,554.69	0.253	Level 1		
18,400.00	10,973.00	10,703.10	10,973.00	171.83	7,387.17	-90.000	-8,344.54	-298.46	1,906.19	-5,649.49	7,555.69	0.252	Level 1		
18,450.00	10,973.00	10,703.10	10,973.00	172.80	7,387.17	-90.000	-8,344.54	-298.46	1,900.35	-5,656.33	7,556.68	0.251	Level 1		
18,500.00	10,973.00	10,703.10	10,973.00	173.78	7,387.17	-90.000	-8,344.54	-298.46	1,895.80	-5,661.87	7,557.67	0.251	Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: PARKER UNIT #1A-20 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
18,550.00	10,973.00	10,703.10	10,973.00	174.75	7,387.17	-90.000	-8,344.54	-298.46	1,892.57	-5,666.10	7,558.67	0.250	Level 1		
18,600.00	10,973.00	10,703.10	10,973.00	175.73	7,387.17	-90.000	-8,344.54	-298.46	1,890.65	-5,669.01	7,559.66	0.250	Level 1		
18,647.50	10,973.00	10,703.10	10,973.00	176.65	7,387.17	-90.000	-8,344.54	-298.46	1,890.06	-5,670.55	7,560.61	0.250	Level 1, CC		
18,650.00	10,973.00	10,703.10	10,973.00	176.70	7,387.17	-90.000	-8,344.54	-298.46	1,890.06	-5,670.60	7,560.66	0.250	Level 1, SF		
18,700.00	10,973.00	10,703.10	10,973.00	177.68	7,387.17	-90.000	-8,344.54	-298.46	1,890.79	-5,670.87	7,561.65	0.250	Level 1, ES		
18,750.00	10,973.00	10,703.10	10,973.00	178.65	7,387.17	-90.000	-8,344.54	-298.46	1,892.83	-5,669.81	7,562.65	0.250	Level 1		
18,800.00	10,973.00	10,703.10	10,973.00	179.63	7,387.17	-90.000	-8,344.54	-298.46	1,896.20	-5,667.45	7,563.64	0.251	Level 1		
18,850.00	10,973.00	10,703.10	10,973.00	180.61	7,387.17	-90.000	-8,344.54	-298.46	1,900.87	-5,663.77	7,564.64	0.251	Level 1		
18,900.00	10,973.00	10,703.10	10,973.00	181.59	7,387.17	-90.000	-8,344.54	-298.46	1,906.85	-5,658.79	7,565.64	0.252	Level 1		
18,950.00	10,973.00	10,703.10	10,973.00	182.57	7,387.17	-90.000	-8,344.54	-298.46	1,914.11	-5,652.52	7,566.63	0.253	Level 1		
19,000.00	10,973.00	10,703.10	10,973.00	183.55	7,387.17	-90.000	-8,344.54	-298.46	1,922.65	-5,644.99	7,567.63	0.254	Level 1		
19,050.00	10,973.00	10,703.10	10,973.00	184.53	7,387.17	-90.000	-8,344.54	-298.46	1,932.44	-5,636.19	7,568.63	0.255	Level 1		
19,100.00	10,973.00	10,703.10	10,973.00	185.51	7,387.17	-90.000	-8,344.54	-298.46	1,943.47	-5,626.16	7,569.63	0.257	Level 1		
19,150.00	10,973.00	10,703.10	10,973.00	186.49	7,387.17	-90.000	-8,344.54	-298.46	1,955.71	-5,614.91	7,570.63	0.258	Level 1		
19,200.00	10,973.00	10,703.10	10,973.00	187.47	7,387.17	-90.000	-8,344.54	-298.46	1,969.15	-5,602.47	7,571.63	0.260	Level 1		
19,250.00	10,973.00	10,703.10	10,973.00	188.45	7,387.17	-90.000	-8,344.54	-298.46	1,983.76	-5,588.86	7,572.62	0.262	Level 1		
19,300.00	10,973.00	10,703.10	10,973.00	189.43	7,387.17	-90.000	-8,344.54	-298.46	1,999.52	-5,574.11	7,573.62	0.264	Level 1		
19,350.00	10,973.00	10,703.10	10,973.00	190.42	7,387.17	-90.000	-8,344.54	-298.46	2,016.39	-5,558.24	7,574.62	0.266	Level 1		
19,400.00	10,973.00	10,703.10	10,973.00	191.40	7,387.17	-90.000	-8,344.54	-298.46	2,034.35	-5,541.28	7,575.62	0.269	Level 1		
19,450.00	10,973.00	10,703.10	10,973.00	192.38	7,387.17	-90.000	-8,344.54	-298.46	2,053.37	-5,523.26	7,576.62	0.271	Level 1		
19,500.00	10,973.00	10,703.10	10,973.00	193.37	7,387.17	-90.000	-8,344.54	-298.46	2,073.42	-5,504.21	7,577.62	0.274	Level 1		
19,550.00	10,973.00	10,703.10	10,973.00	194.35	7,387.17	-90.000	-8,344.54	-298.46	2,094.47	-5,484.15	7,578.62	0.276	Level 1		
19,600.00	10,973.00	10,703.10	10,973.00	195.34	7,387.17	-90.000	-8,344.54	-298.46	2,116.50	-5,463.13	7,579.63	0.279	Level 1		
19,650.00	10,973.00	10,703.10	10,973.00	196.32	7,387.17	-90.000	-8,344.54	-298.46	2,139.47	-5,441.16	7,580.63	0.282	Level 1		
19,700.00	10,973.00	10,703.10	10,973.00	197.31	7,387.17	-90.000	-8,344.54	-298.46	2,163.35	-5,418.28	7,581.63	0.285	Level 1		
19,750.00	10,973.00	10,703.10	10,973.00	198.30	7,387.17	-90.000	-8,344.54	-298.46	2,188.11	-5,394.52	7,582.63	0.289	Level 1		
19,800.00	10,973.00	10,703.10	10,973.00	199.28	7,387.17	-90.000	-8,344.54	-298.46	2,213.72	-5,369.91	7,583.63	0.292	Level 1		
19,850.00	10,973.00	10,703.10	10,973.00	200.27	7,387.17	-90.000	-8,344.54	-298.46	2,240.16	-5,344.48	7,584.64	0.295	Level 1		
19,900.00	10,973.00	10,703.10	10,973.00	201.26	7,387.17	-90.000	-8,344.54	-298.46	2,267.39	-5,318.25	7,585.64	0.299	Level 1		
19,950.00	10,973.00	10,703.10	10,973.00	202.25	7,387.17	-90.000	-8,344.54	-298.46	2,295.39	-5,291.25	7,586.64	0.303	Level 1		
20,000.00	10,973.00	10,703.10	10,973.00	203.24	7,387.17	-90.000	-8,344.54	-298.46	2,324.13	-5,263.52	7,587.64	0.306	Level 1		
20,050.00	10,973.00	10,703.10	10,973.00	204.22	7,387.17	-90.000	-8,344.54	-298.46	2,353.57	-5,235.07	7,588.65	0.310	Level 1		
20,100.00	10,973.00	10,703.10	10,973.00	205.21	7,387.17	-90.000	-8,344.54	-298.46	2,383.71	-5,205.94	7,589.65	0.314	Level 1		
20,150.00	10,973.00	10,703.10	10,973.00	206.20	7,387.17	-90.000	-8,344.54	-298.46	2,414.50	-5,176.15	7,590.65	0.318	Level 1		
20,200.00	10,973.00	10,703.10	10,973.00	207.19	7,387.17	-90.000	-8,344.54	-298.46	2,445.93	-5,145.73	7,591.66	0.322	Level 1		
20,250.00	10,973.00	10,703.10	10,973.00	208.18	7,387.17	-90.000	-8,344.54	-298.46	2,477.97	-5,114.70	7,592.66	0.326	Level 1		
20,300.00	10,973.00	10,703.10	10,973.00	209.17	7,387.17	-90.000	-8,344.54	-298.46	2,510.59	-5,083.08	7,593.67	0.331	Level 1		
20,350.00	10,973.00	10,703.10	10,973.00	210.17	7,387.17	-90.000	-8,344.54	-298.46	2,543.78	-5,050.89	7,594.67	0.335	Level 1		
20,400.00	10,973.00	10,703.10	10,973.00	211.16	7,387.17	-90.000	-8,344.54	-298.46	2,577.51	-5,018.17	7,595.68	0.339	Level 1		
20,450.00	10,973.00	10,703.10	10,973.00	212.15	7,387.17	-90.000	-8,344.54	-298.46	2,611.76	-4,984.92	7,596.68	0.344	Level 1		
20,500.00	10,973.00	10,703.10	10,973.00	213.14	7,387.17	-90.000	-8,344.54	-298.46	2,646.52	-4,951.17	7,597.69	0.348	Level 1		
20,550.00	10,973.00	10,703.10	10,973.00	214.13	7,387.17	-90.000	-8,344.54	-298.46	2,681.75	-4,916.94	7,598.69	0.353	Level 1		
20,600.00	10,973.00	10,703.10	10,973.00	215.13	7,387.17	-90.000	-8,344.54	-298.46	2,717.45	-4,882.24	7,599.70	0.358	Level 1		
20,650.00	10,973.00	10,703.10	10,973.00	216.12	7,387.17	-90.000	-8,344.54	-298.46	2,753.60	-4,847.11	7,600.70	0.362	Level 1		
20,700.00	10,973.00	10,703.10	10,973.00	217.11	7,387.17	-90.000	-8,344.54	-298.46	2,790.17	-4,811.54	7,601.71	0.367	Level 1		
20,750.00	10,973.00	10,703.10	10,973.00	218.11	7,387.17	-90.000	-8,344.54	-298.46	2,827.16	-4,775.56	7,602.72	0.372	Level 1		
20,800.00	10,973.00	10,703.10	10,973.00	219.10	7,387.17	-90.000	-8,344.54	-298.46	2,864.53	-4,739.19	7,603.72	0.377	Level 1		
20,850.00	10,973.00	10,703.10	10,973.00	220.10	7,387.17	-90.000	-8,344.54	-298.46	2,902.29	-4,702.44	7,604.73	0.382	Level 1		
20,900.00	10,973.00	10,703.10	10,973.00	221.09	7,387.17	-90.000	-8,344.54	-298.46	2,940.42	-4,665.32	7,605.74	0.387	Level 1		
20,950.00	10,973.00	10,703.10	10,973.00	222.08	7,387.17	-90.000	-8,344.54	-298.46	2,978.89	-4,627.85	7,606.74	0.392	Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: PARKER UNIT #1A-20 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
21,000.00	10,973.00	10,703.10	10,973.00	223.08	7,387.17	-90.000	-8,344.54	-298.46	3,017.71	-4,590.04	7,607.75	0.397	Level 1		
21,050.00	10,973.00	10,703.10	10,973.00	224.08	7,387.17	-90.000	-8,344.54	-298.46	3,056.85	-4,551.91	7,608.76	0.402	Level 1		
21,100.00	10,973.00	10,703.10	10,973.00	225.07	7,387.17	-90.000	-8,344.54	-298.46	3,096.30	-4,513.47	7,609.77	0.407	Level 1		
21,150.00	10,973.00	10,703.10	10,973.00	226.07	7,387.17	-90.000	-8,344.54	-298.46	3,136.05	-4,474.73	7,610.77	0.412	Level 1		
21,200.00	10,973.00	10,703.10	10,973.00	227.06	7,387.17	-90.000	-8,344.54	-298.46	3,176.09	-4,435.69	7,611.78	0.417	Level 1		
21,250.00	10,973.00	10,703.10	10,973.00	228.06	7,387.17	-90.000	-8,344.54	-298.46	3,216.41	-4,396.38	7,612.79	0.423	Level 1		
21,300.00	10,973.00	10,703.10	10,973.00	229.06	7,387.17	-90.000	-8,344.54	-298.46	3,257.00	-4,356.80	7,613.80	0.428	Level 1		
21,350.00	10,973.00	10,703.10	10,973.00	230.05	7,387.17	-90.000	-8,344.54	-298.46	3,297.85	-4,316.96	7,614.81	0.433	Level 1		
21,400.00	10,973.00	10,703.10	10,973.00	231.05	7,387.17	-90.000	-8,344.54	-298.46	3,338.95	-4,276.87	7,615.82	0.438	Level 1		
21,450.00	10,973.00	10,703.10	10,973.00	232.05	7,387.17	-90.000	-8,344.54	-298.46	3,380.28	-4,236.54	7,616.82	0.444	Level 1		
21,500.00	10,973.00	10,703.10	10,973.00	233.05	7,387.17	-90.000	-8,344.54	-298.46	3,421.85	-4,195.98	7,617.83	0.449	Level 1		
21,550.00	10,973.00	10,703.10	10,973.00	234.05	7,387.17	-90.000	-8,344.54	-298.46	3,463.64	-4,155.20	7,618.84	0.455	Level 1		
21,600.00	10,973.00	10,703.10	10,973.00	235.04	7,387.17	-90.000	-8,344.54	-298.46	3,505.65	-4,114.21	7,619.85	0.460	Level 1		
21,650.00	10,973.00	10,703.10	10,973.00	236.04	7,387.17	-90.000	-8,344.54	-298.46	3,547.86	-4,073.00	7,620.86	0.466	Level 1		
21,700.00	10,973.00	10,703.10	10,973.00	237.04	7,387.17	-90.000	-8,344.54	-298.46	3,590.27	-4,031.60	7,621.87	0.471	Level 1		
21,750.00	10,973.00	10,703.10	10,973.00	238.04	7,387.17	-90.000	-8,344.54	-298.46	3,632.88	-3,990.00	7,622.88	0.477	Level 1		
21,800.00	10,973.00	10,703.10	10,973.00	239.04	7,387.17	-90.000	-8,344.54	-298.46	3,675.67	-3,948.22	7,623.89	0.482	Level 1		
21,850.00	10,973.00	10,703.10	10,973.00	240.04	7,387.17	-90.000	-8,344.54	-298.46	3,718.64	-3,906.26	7,624.90	0.488	Level 1		
21,900.00	10,973.00	10,703.10	10,973.00	241.04	7,387.17	-90.000	-8,344.54	-298.46	3,761.79	-3,864.12	7,625.91	0.493	Level 1		
21,950.00	10,973.00	10,703.10	10,973.00	242.04	7,387.17	-90.000	-8,344.54	-298.46	3,805.10	-3,821.82	7,626.92	0.499	Level 1		
22,000.00	10,973.00	10,703.10	10,973.00	243.04	7,387.17	-90.000	-8,344.54	-298.46	3,848.58	-3,779.35	7,627.93	0.505	Level 1		
22,050.00	10,973.00	10,703.10	10,973.00	244.04	7,387.17	-90.000	-8,344.54	-298.46	3,892.21	-3,736.73	7,628.94	0.510	Level 1		
22,100.00	10,973.00	10,703.10	10,973.00	245.04	7,387.17	-90.000	-8,344.54	-298.46	3,935.99	-3,693.96	7,629.95	0.516	Level 1		
22,150.00	10,973.00	10,703.10	10,973.00	246.04	7,387.17	-90.000	-8,344.54	-298.46	3,979.92	-3,651.04	7,630.96	0.522	Level 1		
22,200.00	10,973.00	10,703.10	10,973.00	247.05	7,387.17	-90.000	-8,344.54	-298.46	4,024.00	-3,607.98	7,631.97	0.527	Level 1		
22,250.00	10,973.00	10,703.10	10,973.00	248.05	7,387.17	-90.000	-8,344.54	-298.46	4,068.21	-3,564.78	7,632.99	0.533	Level 1		
22,300.00	10,973.00	10,703.10	10,973.00	249.05	7,387.17	-90.000	-8,344.54	-298.46	4,112.55	-3,521.45	7,634.00	0.539	Level 1		
22,350.00	10,973.00	10,703.10	10,973.00	250.05	7,387.17	-90.000	-8,344.54	-298.46	4,157.02	-3,477.99	7,635.01	0.544	Level 1		
22,400.00	10,973.00	10,703.10	10,973.00	251.05	7,387.17	-90.000	-8,344.54	-298.46	4,201.61	-3,434.41	7,636.02	0.550	Level 1		
22,450.00	10,973.00	10,703.10	10,973.00	252.06	7,387.17	-90.000	-8,344.54	-298.46	4,246.33	-3,390.70	7,637.03	0.556	Level 1		
22,500.00	10,973.00	10,703.10	10,973.00	253.06	7,387.17	-90.000	-8,344.54	-298.46	4,291.16	-3,346.88	7,638.04	0.562	Level 1		
22,550.00	10,973.00	10,703.10	10,973.00	254.06	7,387.17	-90.000	-8,344.54	-298.46	4,336.10	-3,302.95	7,639.05	0.568	Level 1		
22,600.00	10,973.00	10,703.10	10,973.00	255.06	7,387.17	-90.000	-8,344.54	-298.46	4,381.16	-3,258.91	7,640.07	0.573	Level 1		
22,650.00	10,973.00	10,703.10	10,973.00	256.07	7,387.17	-90.000	-8,344.54	-298.46	4,426.32	-3,214.76	7,641.08	0.579	Level 1		
22,700.00	10,973.00	10,703.10	10,973.00	257.07	7,387.17	-90.000	-8,344.54	-298.46	4,471.58	-3,170.51	7,642.09	0.585	Level 1		
22,750.00	10,973.00	10,703.10	10,973.00	258.07	7,387.17	-90.000	-8,344.54	-298.46	4,516.95	-3,126.16	7,643.10	0.591	Level 1		
22,800.00	10,973.00	10,703.10	10,973.00	259.08	7,387.17	-90.000	-8,344.54	-298.46	4,562.41	-3,081.71	7,644.12	0.597	Level 1		
22,850.00	10,973.00	10,703.10	10,973.00	260.08	7,387.17	-90.000	-8,344.54	-298.46	4,607.96	-3,037.17	7,645.13	0.603	Level 1		
22,900.00	10,973.00	10,703.10	10,973.00	261.08	7,387.17	-90.000	-8,344.54	-298.46	4,653.61	-2,992.53	7,646.14	0.609	Level 1		
22,950.00	10,973.00	10,703.10	10,973.00	262.09	7,387.17	-90.000	-8,344.54	-298.46	4,699.34	-2,947.81	7,647.15	0.615	Level 1		
23,000.00	10,973.00	10,703.10	10,973.00	263.09	7,387.17	-90.000	-8,344.54	-298.46	4,745.16	-2,903.01	7,648.17	0.620	Level 1		
23,050.00	10,973.00	10,703.10	10,973.00	264.10	7,387.17	-90.000	-8,344.54	-298.46	4,791.06	-2,858.12	7,649.18	0.626	Level 1		
23,100.00	10,973.00	10,703.10	10,973.00	265.10	7,387.17	-90.000	-8,344.54	-298.46	4,837.05	-2,813.14	7,650.19	0.632	Level 1		
23,150.00	10,973.00	10,703.10	10,973.00	266.11	7,387.17	-90.000	-8,344.54	-298.46	4,883.11	-2,768.09	7,651.21	0.638	Level 1		
23,200.00	10,973.00	10,703.10	10,973.00	267.11	7,387.17	-90.000	-8,344.54	-298.46	4,929.25	-2,722.96	7,652.22	0.644	Level 1		
23,250.00	10,973.00	10,703.10	10,973.00	268.12	7,387.17	-90.000	-8,344.54	-298.46	4,975.47	-2,677.76	7,653.23	0.650	Level 1		
23,300.00	10,973.00	10,703.10	10,973.00	269.12	7,387.17	-90.000	-8,344.54	-298.46	5,021.76	-2,632.49	7,654.25	0.656	Level 1		
23,350.00	10,973.00	10,703.10	10,973.00	270.13	7,387.17	-90.000	-8,344.54	-298.46	5,068.12	-2,587.14	7,655.26	0.662	Level 1		
23,400.00	10,973.00	10,703.10	10,973.00	271.13	7,387.17	-90.000	-8,344.54	-298.46	5,114.54	-2,541.73	7,656.27	0.668	Level 1		
23,448.12	10,973.00	10,703.10	10,973.00	272.10	7,387.17	-90.000	-8,344.54	-298.46	5,159.29	-2,497.96	7,657.25	0.674	Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: PIERCE-GOV'T #20-2 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
1,000.00	1,000.00	607.10	1,000.00	3.36	319.97	-148.506	-5,120.78	-3,137.30	6,005.42	5,682.09	323.33	18.574			
1,050.00	1,050.00	657.10	1,050.00	3.53	354.97	-40.666	-5,120.78	-3,137.30	6,005.17	5,646.69	358.48	16.752			
1,100.00	1,099.99	707.09	1,099.99	3.70	389.96	-40.679	-5,120.78	-3,137.30	6,004.43	5,610.84	393.59	15.256			
1,150.00	1,149.96	757.06	1,149.96	3.87	424.94	-40.702	-5,120.78	-3,137.30	6,003.19	5,574.56	428.63	14.006			
1,200.00	1,199.91	807.01	1,199.91	4.04	459.91	-40.733	-5,120.78	-3,137.30	6,001.45	5,537.86	463.59	12.946			
1,250.00	1,249.82	856.92	1,249.82	4.22	494.85	-40.773	-5,120.78	-3,137.30	5,999.22	5,500.76	498.46	12.036			
1,300.00	1,299.69	906.79	1,299.69	4.39	529.75	-40.822	-5,120.78	-3,137.30	5,996.49	5,463.28	533.21	11.246			
1,350.00	1,349.51	956.61	1,349.51	4.57	564.63	-40.880	-5,120.78	-3,137.30	5,993.27	5,425.43	567.84	10.554			
1,400.00	1,399.27	1,006.37	1,399.27	4.75	599.46	-40.948	-5,120.78	-3,137.30	5,989.56	5,387.23	602.33	9.944			
1,450.00	1,448.96	1,056.06	1,448.96	4.93	634.24	-41.024	-5,120.78	-3,137.30	5,985.36	5,348.69	636.67	9.401			
1,500.00	1,498.57	1,105.67	1,498.57	5.12	668.97	-41.109	-5,120.78	-3,137.30	5,980.67	5,309.84	670.83	8.915			
1,550.00	1,548.10	1,155.20	1,548.10	5.31	703.64	-41.204	-5,120.78	-3,137.30	5,975.49	5,270.67	704.82	8.478			
1,600.00	1,597.54	1,204.64	1,597.54	5.50	738.24	-41.307	-5,120.78	-3,137.30	5,969.82	5,231.22	738.60	8.083			
1,650.00	1,646.87	1,253.97	1,646.87	5.71	772.78	-41.420	-5,120.78	-3,137.30	5,963.68	5,191.50	772.18	7.723			
1,700.00	1,696.09	1,303.19	1,696.09	5.91	807.23	-41.542	-5,120.78	-3,137.30	5,957.05	5,151.51	805.53	7.395			
1,750.00	1,745.19	1,352.29	1,745.19	6.13	841.60	-41.673	-5,120.78	-3,137.30	5,949.94	5,111.28	838.66	7.095			
1,776.96	1,771.62	1,378.72	1,771.62	6.24	860.10	-41.748	-5,120.78	-3,137.30	5,945.90	5,089.49	856.42	6.943			
1,800.00	1,794.18	1,401.28	1,794.18	6.35	875.89	-41.778	-5,120.78	-3,137.30	5,942.40	5,070.27	872.13	6.814			
1,850.00	1,843.15	1,450.25	1,843.15	6.57	910.17	-41.842	-5,120.78	-3,137.30	5,934.80	5,028.56	906.24	6.549			
1,900.00	1,892.12	1,499.22	1,892.12	6.80	944.45	-41.907	-5,120.78	-3,137.30	5,927.21	4,986.86	940.35	6.303			
1,950.00	1,941.09	1,548.19	1,941.09	7.03	978.73	-41.971	-5,120.78	-3,137.30	5,919.63	4,945.17	974.46	6.075			
2,000.00	1,990.06	1,597.16	1,990.06	7.26	1,013.01	-42.036	-5,120.78	-3,137.30	5,912.06	4,903.48	1,008.58	5.862			
2,050.00	2,039.02	1,646.12	2,039.02	7.50	1,047.29	-42.101	-5,120.78	-3,137.30	5,904.49	4,861.79	1,042.70	5.663			
2,100.00	2,087.99	1,695.09	2,087.99	7.74	1,081.57	-42.166	-5,120.78	-3,137.30	5,896.93	4,820.10	1,076.83	5.476			
2,150.00	2,136.96	1,744.06	2,136.96	7.98	1,115.84	-42.232	-5,120.78	-3,137.30	5,889.38	4,778.42	1,110.95	5.301			
2,200.00	2,185.93	1,793.03	2,185.93	8.22	1,150.12	-42.297	-5,120.78	-3,137.30	5,881.83	4,736.75	1,145.08	5.137			
2,250.00	2,234.90	1,842.00	2,234.90	8.47	1,184.40	-42.363	-5,120.78	-3,137.30	5,874.29	4,695.08	1,179.22	4.982			
2,300.00	2,283.87	1,890.97	2,283.87	8.71	1,218.68	-42.429	-5,120.78	-3,137.30	5,866.76	4,653.41	1,213.35	4.835			
2,350.00	2,332.84	1,939.94	2,332.84	8.96	1,252.96	-42.495	-5,120.78	-3,137.30	5,859.24	4,611.75	1,247.49	4.697			
2,400.00	2,381.81	1,988.91	2,381.81	9.21	1,287.24	-42.561	-5,120.78	-3,137.30	5,851.73	4,570.10	1,281.63	4.566			
2,450.00	2,430.78	2,037.88	2,430.78	9.46	1,321.51	-42.627	-5,120.78	-3,137.30	5,844.22	4,528.45	1,315.78	4.442			
2,500.00	2,479.75	2,086.85	2,479.75	9.71	1,355.79	-42.694	-5,120.78	-3,137.30	5,836.72	4,486.80	1,349.92	4.324			
2,550.00	2,528.72	2,135.82	2,528.72	9.96	1,390.07	-42.760	-5,120.78	-3,137.30	5,829.23	4,445.16	1,384.07	4.212			
2,600.00	2,577.69	2,184.79	2,577.69	10.22	1,424.35	-42.827	-5,120.78	-3,137.30	5,821.75	4,403.53	1,418.23	4.105			
2,650.00	2,626.65	2,233.75	2,626.65	10.47	1,458.63	-42.894	-5,120.78	-3,137.30	5,814.28	4,361.90	1,452.38	4.003			
2,700.00	2,675.62	2,282.72	2,675.62	10.73	1,492.91	-42.962	-5,120.78	-3,137.30	5,806.81	4,320.27	1,486.54	3.906			
2,750.00	2,724.59	2,331.69	2,724.59	10.98	1,527.19	-43.029	-5,120.78	-3,137.30	5,799.35	4,278.65	1,520.70	3.814			
2,800.00	2,773.56	2,380.66	2,773.56	11.24	1,561.46	-43.096	-5,120.78	-3,137.30	5,791.90	4,237.04	1,554.86	3.725			
2,850.00	2,822.53	2,429.63	2,822.53	11.50	1,595.74	-43.164	-5,120.78	-3,137.30	5,784.46	4,195.43	1,589.03	3.640			
2,900.00	2,871.50	2,478.60	2,871.50	11.76	1,630.02	-43.232	-5,120.78	-3,137.30	5,777.02	4,153.83	1,623.19	3.559			
2,950.00	2,920.47	2,527.57	2,920.47	12.02	1,664.30	-43.300	-5,120.78	-3,137.30	5,769.60	4,112.24	1,657.36	3.481			
3,000.00	2,969.44	2,576.54	2,969.44	12.28	1,698.58	-43.368	-5,120.78	-3,137.30	5,762.18	4,070.65	1,691.53	3.406			
3,050.00	3,018.41	2,625.51	3,018.41	12.54	1,732.86	-43.437	-5,120.78	-3,137.30	5,754.77	4,029.06	1,725.71	3.335			
3,100.00	3,067.38	2,634.00	3,026.90	12.80	1,738.80	-43.449	-5,120.78	-3,137.30	5,747.51	4,015.69	1,731.82	3.319			
3,150.00	3,116.35	2,634.00	3,026.90	13.06	1,738.80	-43.449	-5,120.78	-3,137.30	5,740.67	4,008.63	1,732.04	3.314			
3,200.00	3,165.32	2,634.00	3,026.90	13.32	1,738.80	-43.449	-5,120.78	-3,137.30	5,734.26	4,001.99	1,732.27	3.310			
3,250.00	3,214.28	2,634.00	3,026.90	13.58	1,738.80	-43.449	-5,120.78	-3,137.30	5,728.28	3,995.79	1,732.49	3.306			
3,300.00	3,263.25	2,634.00	3,026.90	13.84	1,738.80	-43.449	-5,120.78	-3,137.30	5,722.73	3,990.01	1,732.72	3.303			
3,350.00	3,312.22	2,634.00	3,026.90	14.11	1,738.80	-43.449	-5,120.78	-3,137.30	5,717.61	3,984.67	1,732.94	3.299			
3,400.00	3,361.19	2,634.00	3,026.90	14.37	1,738.80	-43.449	-5,120.78	-3,137.30	5,712.92	3,979.75	1,733.17	3.296			
3,450.00	3,410.16	2,634.00	3,026.90	14.63	1,738.80	-43.449	-5,120.78	-3,137.30	5,708.67	3,975.28	1,733.39	3.293			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-29 - OFFSET: PIERCE-GOV'T #20-2 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
3,500.00	3,459.13	2,634.00	3,026.90	14.90	1,738.80	-43.449	-5,120.78	-3,137.30	5,704.85	3,971.23	1,733.62	3.291			
3,550.00	3,508.10	2,634.00	3,026.90	15.16	1,738.80	-43.449	-5,120.78	-3,137.30	5,701.47	3,967.62	1,733.84	3.288			
3,600.00	3,557.07	2,634.00	3,026.90	15.43	1,738.80	-43.449	-5,120.78	-3,137.30	5,698.52	3,964.45	1,734.07	3.286			
3,650.00	3,606.04	2,634.00	3,026.90	15.69	1,738.80	-43.449	-5,120.78	-3,137.30	5,696.01	3,961.72	1,734.29	3.284			
3,700.00	3,655.01	2,634.00	3,026.90	15.96	1,738.80	-43.449	-5,120.78	-3,137.30	5,693.94	3,959.42	1,734.52	3.283			
3,750.00	3,703.98	2,634.00	3,026.90	16.22	1,738.80	-43.449	-5,120.78	-3,137.30	5,692.31	3,957.57	1,734.75	3.281			
3,800.00	3,752.95	2,634.00	3,026.90	16.49	1,738.80	-43.449	-5,120.78	-3,137.30	5,691.12	3,956.15	1,734.97	3.280			
3,850.00	3,801.92	2,634.00	3,026.90	16.75	1,738.80	-43.449	-5,120.78	-3,137.30	5,690.37	3,955.17	1,735.20	3.279			
3,900.00	3,850.88	2,634.00	3,026.90	17.02	1,738.80	-43.449	-5,120.78	-3,137.30	5,690.05	3,954.63	1,735.43	3.279			
3,910.72	3,861.38	2,634.00	3,026.90	17.08	1,738.80	-43.449	-5,120.78	-3,137.30	5,690.04	3,954.57	1,735.48	3.279	CC		
3,950.00	3,899.85	2,634.00	3,026.90	17.29	1,738.80	-43.449	-5,120.78	-3,137.30	5,690.18	3,954.53	1,735.65	3.278	ES		
4,000.00	3,948.82	2,634.00	3,026.90	17.55	1,738.80	-43.449	-5,120.78	-3,137.30	5,690.74	3,954.86	1,735.88	3.278	SF		
4,050.00	3,997.79	2,634.00	3,026.90	17.82	1,738.80	-43.449	-5,120.78	-3,137.30	5,691.75	3,955.64	1,736.11	3.278			
4,100.00	4,046.76	2,634.00	3,026.90	18.08	1,738.80	-43.449	-5,120.78	-3,137.30	5,693.19	3,956.85	1,736.34	3.279			
4,150.00	4,095.73	2,634.00	3,026.90	18.35	1,738.80	-43.449	-5,120.78	-3,137.30	5,695.07	3,958.51	1,736.57	3.280			
4,200.00	4,144.70	2,634.00	3,026.90	18.62	1,738.80	-43.449	-5,120.78	-3,137.30	5,697.39	3,960.60	1,736.79	3.280			
4,250.00	4,193.67	2,634.00	3,026.90	18.89	1,738.80	-43.449	-5,120.78	-3,137.30	5,700.15	3,963.13	1,737.02	3.282			
4,300.00	4,242.64	2,634.00	3,026.90	19.15	1,738.80	-43.449	-5,120.78	-3,137.30	5,703.35	3,966.10	1,737.25	3.283			
4,350.00	4,291.61	2,634.00	3,026.90	19.42	1,738.80	-43.449	-5,120.78	-3,137.30	5,706.98	3,969.50	1,737.48	3.285			
4,400.00	4,340.58	2,634.00	3,026.90	19.69	1,738.80	-43.449	-5,120.78	-3,137.30	5,711.04	3,973.34	1,737.71	3.287			
4,450.00	4,389.55	2,634.00	3,026.90	19.96	1,738.80	-43.449	-5,120.78	-3,137.30	5,715.54	3,977.61	1,737.93	3.289			
4,500.00	4,438.51	2,634.00	3,026.90	20.22	1,738.80	-43.449	-5,120.78	-3,137.30	5,720.48	3,982.31	1,738.16	3.291			
4,550.00	4,487.48	2,634.00	3,026.90	20.49	1,738.80	-43.449	-5,120.78	-3,137.30	5,725.84	3,987.45	1,738.39	3.294			
4,600.00	4,536.45	2,634.00	3,026.90	20.76	1,738.80	-43.449	-5,120.78	-3,137.30	5,731.64	3,993.02	1,738.62	3.297			
4,650.00	4,585.42	2,634.00	3,026.90	21.03	1,738.80	-43.449	-5,120.78	-3,137.30	5,737.87	3,999.02	1,738.85	3.300			
4,700.00	4,634.39	2,634.00	3,026.90	21.30	1,738.80	-43.449	-5,120.78	-3,137.30	5,744.53	4,005.45	1,739.08	3.303			
4,750.00	4,683.36	2,634.00	3,026.90	21.57	1,738.80	-43.449	-5,120.78	-3,137.30	5,751.61	4,012.30	1,739.31	3.307			
4,800.00	4,732.33	2,634.00	3,026.90	21.83	1,738.80	-43.449	-5,120.78	-3,137.30	5,759.12	4,019.58	1,739.54	3.311			
4,850.00	4,781.30	2,634.00	3,026.90	22.10	1,738.80	-43.449	-5,120.78	-3,137.30	5,767.05	4,027.28	1,739.77	3.315			
4,900.00	4,830.27	2,634.00	3,026.90	22.37	1,738.80	-43.449	-5,120.78	-3,137.30	5,775.40	4,035.41	1,740.00	3.319			
4,950.00	4,879.24	2,634.00	3,026.90	22.64	1,738.80	-43.449	-5,120.78	-3,137.30	5,784.18	4,043.95	1,740.22	3.324			
5,000.00	4,928.21	2,634.00	3,026.90	22.91	1,738.80	-43.449	-5,120.78	-3,137.30	5,793.37	4,052.92	1,740.45	3.329			
5,050.00	4,977.18	2,634.00	3,026.90	23.18	1,738.80	-43.449	-5,120.78	-3,137.30	5,802.98	4,062.30	1,740.68	3.334			
5,100.00	5,026.14	2,634.00	3,026.90	23.45	1,738.80	-43.449	-5,120.78	-3,137.30	5,813.00	4,072.09	1,740.91	3.339			
5,150.00	5,075.11	2,634.00	3,026.90	23.72	1,738.80	-43.449	-5,120.78	-3,137.30	5,823.44	4,082.29	1,741.14	3.345			
5,200.00	5,124.08	2,634.00	3,026.90	23.98	1,738.80	-43.449	-5,120.78	-3,137.30	5,834.28	4,092.91	1,741.37	3.350			
5,250.00	5,173.05	2,634.00	3,026.90	24.25	1,738.80	-43.449	-5,120.78	-3,137.30	5,845.53	4,103.93	1,741.60	3.356			
5,300.00	5,222.02	2,634.00	3,026.90	24.52	1,738.80	-43.449	-5,120.78	-3,137.30	5,857.19	4,115.36	1,741.83	3.363			
5,350.00	5,270.99	2,634.00	3,026.90	24.79	1,738.80	-43.449	-5,120.78	-3,137.30	5,869.25	4,127.19	1,742.06	3.369			
5,400.00	5,319.96	2,634.00	3,026.90	25.06	1,738.80	-43.449	-5,120.78	-3,137.30	5,881.71	4,139.42	1,742.29	3.376			
5,450.00	5,368.93	2,634.00	3,026.90	25.33	1,738.80	-43.449	-5,120.78	-3,137.30	5,894.57	4,152.05	1,742.52	3.383			
5,500.00	5,417.90	2,634.00	3,026.90	25.60	1,738.80	-43.449	-5,120.78	-3,137.30	5,907.83	4,165.08	1,742.75	3.390			
5,550.00	5,466.87	2,634.00	3,026.90	25.87	1,738.80	-43.449	-5,120.78	-3,137.30	5,921.47	4,178.49	1,742.98	3.397			
5,600.00	5,515.84	2,634.00	3,026.90	26.14	1,738.80	-43.449	-5,120.78	-3,137.30	5,935.51	4,192.30	1,743.21	3.405			
5,650.00	5,564.81	2,634.00	3,026.90	26.41	1,738.80	-43.449	-5,120.78	-3,137.30	5,949.93	4,206.49	1,743.44	3.413			
5,700.00	5,613.78	2,634.00	3,026.90	26.68	1,738.80	-43.449	-5,120.78	-3,137.30	5,964.74	4,221.07	1,743.67	3.421			
5,750.00	5,662.74	2,634.00	3,026.90	26.95	1,738.80	-43.449	-5,120.78	-3,137.30	5,979.93	4,236.03	1,743.90	3.429			
5,800.00	5,711.71	2,634.00	3,026.90	27.22	1,738.80	-43.449	-5,120.78	-3,137.30	5,995.50	4,251.36	1,744.13	3.438			
5,850.00	5,760.68	2,634.00	3,026.90	27.49	1,738.80	-43.449	-5,120.78	-3,137.30	6,011.44	4,267.08	1,744.36	3.446			
5,900.00	5,809.65	2,634.00	3,026.90	27.76	1,738.80	-43.449	-5,120.78	-3,137.30	6,027.76	4,283.16	1,744.59	3.455			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-29 - OFFSET: PIERCE-GOV'T #20-2 - Wellbore #1 - Wellbore #1														Offset Site Error:	0.00 usft
Survey Program: 300-BLIND														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
5,950.00	5,858.62	2,634.00	3,026.90	28.03	1,738.80	-43.449	-5,120.78	-3,137.30	6,044.44	4,299.62	1,744.82	3.464			
6,000.00	5,907.59	2,634.00	3,026.90	28.30	1,738.80	-43.449	-5,120.78	-3,137.30	6,061.49	4,316.44	1,745.05	3.474			
6,050.00	5,956.56	2,634.00	3,026.90	28.57	1,738.80	-43.449	-5,120.78	-3,137.30	6,078.91	4,333.62	1,745.28	3.483			
6,100.00	6,005.53	2,634.00	3,026.90	28.84	1,738.80	-43.449	-5,120.78	-3,137.30	6,096.68	4,351.17	1,745.51	3.493			
6,150.00	6,054.50	2,634.00	3,026.90	29.11	1,738.80	-43.449	-5,120.78	-3,137.30	6,114.82	4,369.07	1,745.75	3.503			
6,200.00	6,103.47	2,634.00	3,026.90	29.38	1,738.80	-43.449	-5,120.78	-3,137.30	6,133.30	4,387.33	1,745.98	3.513			
6,250.00	6,152.44	2,634.00	3,026.90	29.65	1,738.80	-43.449	-5,120.78	-3,137.30	6,152.14	4,405.93	1,746.21	3.523			
6,300.00	6,201.41	2,634.00	3,026.90	29.92	1,738.80	-43.449	-5,120.78	-3,137.30	6,171.33	4,424.89	1,746.44	3.534			
6,350.00	6,250.37	2,634.00	3,026.90	30.19	1,738.80	-43.449	-5,120.78	-3,137.30	6,190.86	4,444.19	1,746.67	3.544			
6,400.00	6,299.34	2,634.00	3,026.90	30.46	1,738.80	-43.449	-5,120.78	-3,137.30	6,210.73	4,463.83	1,746.90	3.555			
6,450.00	6,348.31	2,634.00	3,026.90	30.73	1,738.80	-43.449	-5,120.78	-3,137.30	6,230.94	4,483.81	1,747.13	3.566			
6,500.00	6,397.28	2,634.00	3,026.90	31.00	1,738.80	-43.449	-5,120.78	-3,137.30	6,251.48	4,504.12	1,747.36	3.578			
6,550.00	6,446.25	2,634.00	3,026.90	31.28	1,738.80	-43.449	-5,120.78	-3,137.30	6,272.35	4,524.76	1,747.59	3.589			
6,600.00	6,495.22	2,634.00	3,026.90	31.55	1,738.80	-43.449	-5,120.78	-3,137.30	6,293.56	4,545.73	1,747.82	3.601			
6,650.00	6,544.19	2,634.00	3,026.90	31.82	1,738.80	-43.449	-5,120.78	-3,137.30	6,315.08	4,567.03	1,748.05	3.613			
6,700.00	6,593.16	2,634.00	3,026.90	32.09	1,738.80	-43.449	-5,120.78	-3,137.30	6,336.93	4,588.65	1,748.28	3.625			
6,750.00	6,642.13	2,634.00	3,026.90	32.36	1,738.80	-43.449	-5,120.78	-3,137.30	6,359.10	4,610.58	1,748.51	3.637			
6,800.00	6,691.10	2,634.00	3,026.90	32.63	1,738.80	-43.449	-5,120.78	-3,137.30	6,381.58	4,632.83	1,748.75	3.649			
6,850.00	6,740.07	2,634.00	3,026.90	32.90	1,738.80	-43.449	-5,120.78	-3,137.30	6,404.37	4,655.40	1,748.98	3.662			
6,900.00	6,789.04	2,634.00	3,026.90	33.17	1,738.80	-43.449	-5,120.78	-3,137.30	6,427.47	4,678.27	1,749.21	3.675			
6,950.00	6,838.01	2,634.00	3,026.90	33.44	1,738.80	-43.449	-5,120.78	-3,137.30	6,450.88	4,701.44	1,749.44	3.687			
7,000.00	6,886.97	2,634.00	3,026.90	33.71	1,738.80	-43.449	-5,120.78	-3,137.30	6,474.59	4,724.92	1,749.67	3.700			
7,050.00	6,935.94	2,634.00	3,026.90	33.98	1,738.80	-43.449	-5,120.78	-3,137.30	6,498.59	4,748.69	1,749.90	3.714			
7,100.00	6,984.91	2,634.00	3,026.90	34.25	1,738.80	-43.449	-5,120.78	-3,137.30	6,522.89	4,772.76	1,750.13	3.727			
7,150.00	7,033.88	2,634.00	3,026.90	34.52	1,738.80	-43.449	-5,120.78	-3,137.30	6,547.48	4,797.12	1,750.36	3.741			
7,200.00	7,082.85	2,634.00	3,026.90	34.79	1,738.80	-43.449	-5,120.78	-3,137.30	6,572.36	4,821.77	1,750.59	3.754			
7,250.00	7,131.82	2,634.00	3,026.90	35.07	1,738.80	-43.449	-5,120.78	-3,137.30	6,597.53	4,846.71	1,750.82	3.768			
7,300.00	7,180.79	2,634.00	3,026.90	35.34	1,738.80	-43.449	-5,120.78	-3,137.30	6,622.98	4,871.92	1,751.06	3.782			
7,350.00	7,229.76	2,634.00	3,026.90	35.61	1,738.80	-43.449	-5,120.78	-3,137.30	6,648.70	4,897.42	1,751.29	3.796			
7,400.00	7,278.73	2,634.00	3,026.90	35.88	1,738.80	-43.449	-5,120.78	-3,137.30	6,674.70	4,923.19	1,751.52	3.811			
7,450.00	7,327.70	2,634.00	3,026.90	36.15	1,738.80	-43.449	-5,120.78	-3,137.30	6,700.98	4,949.23	1,751.75	3.825			
7,500.00	7,376.67	2,634.00	3,026.90	36.42	1,738.80	-43.449	-5,120.78	-3,137.30	6,727.52	4,975.54	1,751.98	3.840			
7,550.00	7,425.64	2,634.00	3,026.90	36.69	1,738.80	-43.449	-5,120.78	-3,137.30	6,754.33	5,002.12	1,752.21	3.855			
7,600.00	7,474.60	2,634.00	3,026.90	36.96	1,738.80	-43.449	-5,120.78	-3,137.30	6,781.40	5,028.96	1,752.44	3.870			
7,650.00	7,523.57	2,634.00	3,026.90	37.23	1,738.80	-43.449	-5,120.78	-3,137.30	6,808.73	5,056.06	1,752.67	3.885			
7,700.00	7,572.54	2,634.00	3,026.90	37.51	1,738.80	-43.449	-5,120.78	-3,137.30	6,836.32	5,083.41	1,752.91	3.900			
7,750.00	7,621.51	2,634.00	3,026.90	37.78	1,738.80	-43.449	-5,120.78	-3,137.30	6,864.16	5,111.02	1,753.14	3.915			
7,800.00	7,670.48	2,634.00	3,026.90	38.05	1,738.80	-43.449	-5,120.78	-3,137.30	6,892.25	5,138.88	1,753.37	3.931			
7,850.00	7,719.45	2,634.00	3,026.90	38.32	1,738.80	-43.449	-5,120.78	-3,137.30	6,920.59	5,166.99	1,753.60	3.947			
7,900.00	7,768.42	2,634.00	3,026.90	38.59	1,738.80	-43.449	-5,120.78	-3,137.30	6,949.17	5,195.34	1,753.83	3.962			
7,950.00	7,817.39	2,634.00	3,026.90	38.86	1,738.80	-43.449	-5,120.78	-3,137.30	6,977.99	5,223.93	1,754.06	3.978			
8,000.00	7,866.36	2,634.00	3,026.90	39.13	1,738.80	-43.449	-5,120.78	-3,137.30	7,007.06	5,252.76	1,754.29	3.994			
8,050.00	7,915.33	2,634.00	3,026.90	39.40	1,738.80	-43.449	-5,120.78	-3,137.30	7,036.35	5,281.83	1,754.52	4.010			
8,100.00	7,964.30	2,634.00	3,026.90	39.68	1,738.80	-43.449	-5,120.78	-3,137.30	7,065.88	5,311.13	1,754.76	4.027			
8,150.00	8,013.27	2,634.00	3,026.90	39.95	1,738.80	-43.449	-5,120.78	-3,137.30	7,095.64	5,340.65	1,754.99	4.043			
8,200.00	8,062.23	2,634.00	3,026.90	40.22	1,738.80	-43.449	-5,120.78	-3,137.30	7,125.63	5,370.41	1,755.22	4.060			
8,250.00	8,111.20	2,634.00	3,026.90	40.49	1,738.80	-43.449	-5,120.78	-3,137.30	7,155.83	5,400.38	1,755.45	4.076			
8,300.00	8,160.17	2,634.00	3,026.90	40.76	1,738.80	-43.449	-5,120.78	-3,137.30	7,186.26	5,430.58	1,755.68	4.093			
8,350.00	8,209.14	2,634.00	3,026.90	41.03	1,738.80	-43.449	-5,120.78	-3,137.30	7,216.91	5,461.00	1,755.91	4.110			
8,400.00	8,258.11	2,634.00	3,026.90	41.30	1,738.80	-43.449	-5,120.78	-3,137.30	7,247.78	5,491.63	1,756.14	4.127			
8,450.00	8,307.08	2,634.00	3,026.90	41.57	1,738.80	-43.449	-5,120.78	-3,137.30	7,278.85	5,522.48	1,756.38	4.144			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design														MOHEE FED 0297-17-29 - OFFSET: PIERCE-GOV'T #20-2 - Wellbore #1 - Wellbore #1	Offset Site Error:	0.00 usft
Survey Program: 300-BLIND															Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
8,500.00	8,356.05	2,634.00	3,026.90	41.85	1,738.80	-43.449	-5,120.78	-3,137.30	7,310.14	5,553.53	1,756.61	4.162				
8,550.00	8,405.02	2,634.00	3,026.90	42.12	1,738.80	-43.449	-5,120.78	-3,137.30	7,341.63	5,584.79	1,756.84	4.179				
8,600.00	8,453.99	2,634.00	3,026.90	42.39	1,738.80	-43.449	-5,120.78	-3,137.30	7,373.33	5,616.26	1,757.07	4.196				
8,650.00	8,502.96	2,634.00	3,026.90	42.66	1,738.80	-43.449	-5,120.78	-3,137.30	7,405.23	5,647.92	1,757.30	4.214				
8,700.00	8,551.93	2,634.00	3,026.90	42.93	1,738.80	-43.449	-5,120.78	-3,137.30	7,437.33	5,679.79	1,757.53	4.232				
8,750.00	8,600.90	2,634.00	3,026.90	43.20	1,738.80	-43.449	-5,120.78	-3,137.30	7,469.62	5,711.86	1,757.77	4.249				
8,800.00	8,649.87	2,634.00	3,026.90	43.47	1,738.80	-43.449	-5,120.78	-3,137.30	7,502.11	5,744.11	1,758.00	4.267				
8,850.00	8,698.83	2,634.00	3,026.90	43.75	1,738.80	-43.449	-5,120.78	-3,137.30	7,534.79	5,776.56	1,758.23	4.285				
8,900.00	8,747.80	2,634.00	3,026.90	44.02	1,738.80	-43.449	-5,120.78	-3,137.30	7,567.66	5,809.20	1,758.46	4.304				
8,950.00	8,796.77	2,634.00	3,026.90	44.29	1,738.80	-43.449	-5,120.78	-3,137.30	7,600.72	5,842.03	1,758.69	4.322				
9,000.00	8,845.74	2,634.00	3,026.90	44.56	1,738.80	-43.449	-5,120.78	-3,137.30	7,633.96	5,875.04	1,758.92	4.340				
9,050.00	8,894.71	2,634.00	3,026.90	44.83	1,738.80	-43.449	-5,120.78	-3,137.30	7,667.39	5,908.23	1,759.15	4.359				
9,100.00	8,943.68	2,634.00	3,026.90	45.10	1,738.80	-43.449	-5,120.78	-3,137.30	7,700.99	5,941.60	1,759.39	4.377				
9,150.00	8,992.65	2,634.00	3,026.90	45.38	1,738.80	-43.449	-5,120.78	-3,137.30	7,734.77	5,975.15	1,759.62	4.396				
9,200.00	9,041.62	2,634.00	3,026.90	45.65	1,738.80	-43.449	-5,120.78	-3,137.30	7,768.73	6,008.88	1,759.85	4.414				
9,250.00	9,090.59	2,634.00	3,026.90	45.92	1,738.80	-43.449	-5,120.78	-3,137.30	7,802.85	6,042.77	1,760.08	4.433				
9,300.00	9,139.56	2,634.00	3,026.90	46.19	1,738.80	-43.449	-5,120.78	-3,137.30	7,837.15	6,076.84	1,760.31	4.452				
9,350.00	9,188.53	2,634.00	3,026.90	46.46	1,738.80	-43.449	-5,120.78	-3,137.30	7,871.62	6,111.07	1,760.54	4.471				
9,400.00	9,237.50	2,634.00	3,026.90	46.73	1,738.80	-43.449	-5,120.78	-3,137.30	7,906.25	6,145.47	1,760.78	4.490				
9,450.00	9,286.46	2,634.00	3,026.90	47.01	1,738.80	-43.449	-5,120.78	-3,137.30	7,941.05	6,180.04	1,761.01	4.509				
9,500.00	9,335.43	2,634.00	3,026.90	47.28	1,738.80	-43.449	-5,120.78	-3,137.30	7,976.01	6,214.77	1,761.24	4.529				
9,550.00	9,384.40	2,634.00	3,026.90	47.55	1,738.80	-43.449	-5,120.78	-3,137.30	8,011.12	6,249.65	1,761.47	4.548				
9,600.00	9,433.37	2,634.00	3,026.90	47.82	1,738.80	-43.449	-5,120.78	-3,137.30	8,046.40	6,284.69	1,761.70	4.567				
9,650.00	9,482.34	2,634.00	3,026.90	48.09	1,738.80	-43.449	-5,120.78	-3,137.30	8,081.83	6,319.89	1,761.94	4.587				
9,700.00	9,531.31	2,634.00	3,026.90	48.36	1,738.80	-43.449	-5,120.78	-3,137.30	8,117.41	6,355.25	1,762.17	4.606				
9,750.00	9,580.28	2,634.00	3,026.90	48.64	1,738.80	-43.449	-5,120.78	-3,137.30	8,153.15	6,390.75	1,762.40	4.626				
9,800.00	9,629.25	2,634.00	3,026.90	48.91	1,738.80	-43.449	-5,120.78	-3,137.30	8,189.03	6,426.40	1,762.63	4.646				
9,850.00	9,678.22	2,634.00	3,026.90	49.18	1,738.80	-43.449	-5,120.78	-3,137.30	8,225.06	6,462.20	1,762.86	4.666				
9,900.00	9,727.19	2,634.00	3,026.90	49.45	1,738.80	-43.449	-5,120.78	-3,137.30	8,261.24	6,498.15	1,763.09	4.686				
9,950.00	9,776.16	2,634.00	3,026.90	49.72	1,738.80	-43.449	-5,120.78	-3,137.30	8,297.56	6,534.24	1,763.33	4.706				
10,000.00	9,825.13	2,634.00	3,026.90	49.99	1,738.80	-43.449	-5,120.78	-3,137.30	8,334.02	6,570.47	1,763.56	4.726				
10,050.00	9,874.09	2,634.00	3,026.90	50.27	1,738.80	-43.449	-5,120.78	-3,137.30	8,370.63	6,606.84	1,763.79	4.746				
10,100.00	9,923.06	2,634.00	3,026.90	50.54	1,738.80	-43.449	-5,120.78	-3,137.30	8,407.37	6,643.35	1,764.02	4.766				
10,150.00	9,972.03	2,634.00	3,026.90	50.81	1,738.80	-43.449	-5,120.78	-3,137.30	8,444.24	6,679.99	1,764.25	4.786				
10,200.00	10,021.00	2,634.00	3,026.90	51.08	1,738.80	-43.449	-5,120.78	-3,137.30	8,481.25	6,716.77	1,764.48	4.807				
10,250.00	10,069.97	2,634.00	3,026.90	51.35	1,738.80	-43.449	-5,120.78	-3,137.30	8,518.40	6,753.68	1,764.72	4.827				
10,300.00	10,118.94	2,634.00	3,026.90	51.62	1,738.80	-43.449	-5,120.78	-3,137.30	8,555.67	6,790.72	1,764.95	4.848				
10,350.00	10,167.91	2,634.00	3,026.90	51.90	1,738.80	-43.449	-5,120.78	-3,137.30	8,593.08	6,827.90	1,765.18	4.868				
10,400.00	10,216.88	2,634.00	3,026.90	52.17	1,738.80	-43.449	-5,120.78	-3,137.30	8,630.61	6,865.20	1,765.41	4.889				
10,450.00	10,265.85	2,634.00	3,026.90	52.44	1,738.80	-43.449	-5,120.78	-3,137.30	8,668.26	6,902.62	1,765.64	4.909				
10,500.00	10,314.82	2,634.00	3,026.90	52.71	1,738.80	-43.449	-5,120.78	-3,137.30	8,706.05	6,940.17	1,765.88	4.930				
10,550.00	10,363.79	2,634.00	3,026.90	52.98	1,738.80	-43.449	-5,120.78	-3,137.30	8,743.95	6,977.84	1,766.11	4.951				
10,600.00	10,412.76	2,634.00	3,026.90	53.25	1,738.80	-43.449	-5,120.78	-3,137.30	8,781.98	7,015.64	1,766.34	4.972				
10,618.11	10,430.50	2,634.00	3,026.90	53.35	1,738.80	-43.449	-5,120.78	-3,137.30	8,795.78	7,029.36	1,766.42	4.979				
10,650.00	10,461.64	2,634.00	3,026.90	53.53	1,738.80	-32.808	-5,120.78	-3,137.30	8,819.61	7,066.32	1,753.28	5.030				
10,700.00	10,509.99	2,634.00	3,026.90	53.83	1,738.80	-21.243	-5,120.78	-3,137.30	8,854.89	7,130.75	1,724.14	5.136				
10,750.00	10,557.44	2,634.00	3,026.90	54.14	1,738.80	-14.067	-5,120.78	-3,137.30	8,887.46	7,203.17	1,684.29	5.277				
10,800.00	10,603.67	2,634.00	3,026.90	54.47	1,738.80	-9.475	-5,120.78	-3,137.30	8,917.11	7,283.47	1,633.64	5.458				
10,850.00	10,648.37	2,634.00	3,026.90	54.81	1,738.80	-6.395	-5,120.78	-3,137.30	8,943.68	7,371.36	1,572.32	5.688				
10,900.00	10,691.23	2,634.00	3,026.90	55.17	1,738.80	-4.232	-5,120.78	-3,137.30	8,967.01	7,466.41	1,500.60	5.976				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 300-BLIND													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,950.00	10,731.95	2,634.00	3,026.90	55.53	1,738.80	-2.646	-5,120.78	-3,137.30	8,986.97	7,568.08	1,418.89	6.334		
11,000.00	10,770.26	2,634.00	3,026.90	55.91	1,738.80	-1.438	-5,120.78	-3,137.30	9,003.44	7,675.74	1,327.70	6.781		
11,050.00	10,805.89	2,634.00	3,026.90	56.29	1,738.80	-0.481	-5,120.78	-3,137.30	9,016.33	7,788.68	1,227.65	7.344		
11,100.00	10,838.59	2,634.00	3,026.90	56.68	1,738.80	0.305	-5,120.78	-3,137.30	9,025.56	7,906.12	1,119.44	8.063		
11,150.00	10,868.14	2,634.00	3,026.90	57.08	1,738.80	0.974	-5,120.78	-3,137.30	9,031.09	8,027.20	1,003.89	8.996		
11,200.00	10,894.34	2,634.00	3,026.90	57.48	1,738.80	1.567	-5,120.78	-3,137.30	9,032.88	8,150.95	881.92	10.242		
11,250.00	10,917.01	2,634.00	3,026.90	57.89	1,738.80	2.111	-5,120.78	-3,137.30	9,030.92	8,276.27	754.65	11.967		
11,300.00	10,935.99	2,634.00	3,026.90	58.31	1,738.80	2.630	-5,120.78	-3,137.30	9,025.22	8,401.77	623.45	14.476		
11,350.00	10,951.16	2,634.00	3,026.90	58.73	1,738.80	3.143	-5,120.78	-3,137.30	9,015.82	8,525.49	490.33	18.387		



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
350.00	350.00	350.00	350.00	1.03	1.03	137.939	-29.69	26.79	39.99	37.94	2.05	19.486		
400.00	400.00	400.00	400.00	1.21	1.21	137.939	-29.69	26.79	39.99	37.58	2.41	16.588		
450.00	450.00	450.00	450.00	1.38	1.38	137.939	-29.69	26.79	39.99	37.22	2.77	14.441		
500.00	500.00	500.00	500.00	1.56	1.56	137.939	-29.69	26.79	39.99	36.86	3.13	12.786		
550.00	550.00	550.00	550.00	1.74	1.74	137.939	-29.69	26.79	39.99	36.50	3.49	11.471		
600.00	600.00	600.00	600.00	1.92	1.92	137.939	-29.69	26.79	39.99	36.15	3.84	10.402		
650.00	650.00	650.00	650.00	2.10	2.10	137.939	-29.69	26.79	39.99	35.79	4.20	9.514		
700.00	700.00	700.00	700.00	2.28	2.28	137.939	-29.69	26.79	39.99	35.43	4.56	8.767		
750.00	750.00	750.00	750.00	2.46	2.46	137.939	-29.69	26.79	39.99	35.07	4.92	8.128		
800.00	800.00	800.00	800.00	2.64	2.64	137.939	-29.69	26.79	39.99	34.71	5.28	7.576		
850.00	850.00	850.00	850.00	2.82	2.82	137.939	-29.69	26.79	39.99	34.35	5.64	7.094		
900.00	900.00	900.00	900.00	3.00	3.00	137.939	-29.69	26.79	39.99	33.99	6.00	6.670		
950.00	950.00	950.00	950.00	3.18	3.18	137.939	-29.69	26.79	39.99	33.64	6.35	6.294		
1,000.00	1,000.00	1,000.00	1,000.00	3.36	3.36	137.939	-29.69	26.79	39.99	33.28	6.71	5.958 CC, ES		
1,050.00	1,050.00	1,049.48	1,049.48	3.53	3.53	-114.683	-29.90	27.03	40.45	33.39	7.06	5.732		
1,100.00	1,099.99	1,098.92	1,098.91	3.70	3.70	-116.022	-30.53	27.76	41.83	34.43	7.40	5.653 SF		
1,150.00	1,149.96	1,148.29	1,148.25	3.87	3.86	-118.060	-31.58	28.96	44.19	36.46	7.74	5.712		
1,200.00	1,199.91	1,197.54	1,197.45	4.04	4.03	-120.564	-33.04	30.64	47.58	39.50	8.07	5.894		
1,250.00	1,249.82	1,246.64	1,246.47	4.22	4.19	-123.289	-34.91	32.80	52.04	43.63	8.41	6.186		
1,300.00	1,299.69	1,295.55	1,295.26	4.39	4.36	-126.028	-37.19	35.42	57.63	48.88	8.75	6.584		
1,350.00	1,349.51	1,344.85	1,344.39	4.57	4.53	-128.689	-39.78	38.40	64.19	55.09	9.10	7.055		
1,400.00	1,399.27	1,394.24	1,393.63	4.75	4.71	-131.241	-42.39	41.40	71.31	61.87	9.44	7.552		
1,450.00	1,448.96	1,443.54	1,442.76	4.93	4.88	-133.654	-44.99	44.39	79.00	69.21	9.79	8.069		
1,500.00	1,498.57	1,492.73	1,491.80	5.12	5.06	-135.922	-47.59	47.38	87.28	77.14	10.14	8.610		
1,550.00	1,548.10	1,541.81	1,540.72	5.31	5.24	-138.040	-50.18	50.36	96.15	85.67	10.49	9.170		
1,600.00	1,597.54	1,590.78	1,589.52	5.50	5.41	-140.013	-52.76	53.34	105.64	94.80	10.83	9.752		
1,650.00	1,646.87	1,639.61	1,638.20	5.71	5.59	-141.845	-55.34	56.30	115.73	104.55	11.18	10.350		
1,700.00	1,696.09	1,688.30	1,686.74	5.91	5.77	-143.544	-57.91	59.26	126.45	114.93	11.53	10.969		
1,750.00	1,745.19	1,736.85	1,735.13	6.13	5.95	-145.119	-60.48	62.21	137.80	125.92	11.88	11.603		
1,776.96	1,771.62	1,762.97	1,761.16	6.24	6.04	-145.919	-61.86	63.80	144.17	132.11	12.06	11.953		
1,800.00	1,794.18	1,785.27	1,783.38	6.35	6.13	-146.611	-63.03	65.15	149.71	137.49	12.22	12.249		
1,850.00	1,843.15	1,833.66	1,831.62	6.57	6.31	-147.949	-65.59	68.09	161.79	149.22	12.57	12.868		
1,900.00	1,892.12	1,882.04	1,879.85	6.80	6.49	-149.101	-68.14	71.03	173.94	161.02	12.93	13.458		
1,950.00	1,941.09	1,930.43	1,928.08	7.03	6.67	-150.103	-70.70	73.97	186.15	172.87	13.28	14.019		
2,000.00	1,990.06	1,978.82	1,976.31	7.26	6.85	-150.982	-73.25	76.91	198.41	184.78	13.63	14.554		
2,050.00	2,039.02	2,027.21	2,024.55	7.50	7.03	-151.759	-75.81	79.85	210.71	196.72	13.99	15.062		
2,100.00	2,087.99	2,075.60	2,072.78	7.74	7.21	-152.451	-78.36	82.79	223.04	208.69	14.35	15.547		
2,150.00	2,136.96	2,123.99	2,121.01	7.98	7.39	-153.070	-80.92	85.73	235.39	220.69	14.70	16.009		
2,200.00	2,185.93	2,172.38	2,169.24	8.22	7.58	-153.627	-83.48	88.67	247.77	232.71	15.06	16.450		
2,250.00	2,234.90	2,220.77	2,217.48	8.47	7.76	-154.131	-86.03	91.61	260.17	244.75	15.42	16.870		
2,300.00	2,283.87	2,269.16	2,265.71	8.71	7.94	-154.590	-88.59	94.55	272.59	256.81	15.78	17.272		
2,350.00	2,332.84	2,317.55	2,313.94	8.96	8.13	-155.009	-91.14	97.49	285.02	268.88	16.14	17.655		
2,400.00	2,381.81	2,365.94	2,362.17	9.21	8.31	-155.392	-93.70	100.43	297.46	280.96	16.51	18.022		
2,450.00	2,430.78	2,414.33	2,410.41	9.46	8.49	-155.745	-96.25	103.37	309.92	293.05	16.87	18.373		
2,500.00	2,479.75	2,462.72	2,458.64	9.71	8.68	-156.071	-98.81	106.31	322.39	305.16	17.23	18.709		
2,550.00	2,528.72	2,511.11	2,506.87	9.96	8.86	-156.372	-101.36	109.25	334.86	317.27	17.60	19.031		
2,600.00	2,577.69	2,559.50	2,555.11	10.22	9.05	-156.652	-103.92	112.19	347.35	329.39	17.96	19.340		
2,650.00	2,626.65	2,607.89	2,603.34	10.47	9.23	-156.912	-106.47	115.13	359.84	341.51	18.33	19.636		
2,700.00	2,675.62	2,656.28	2,651.57	10.73	9.42	-157.155	-109.03	118.07	372.33	353.64	18.69	19.920		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF													Offset Well Error:	0.00 usft
Reference				Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
650.00	650.00	650.00	650.00	2.10	2.10	-42.061	59.38	-53.58	79.98	75.78	4.20	19.029		
700.00	700.00	700.00	700.00	2.28	2.28	-42.061	59.38	-53.58	79.98	75.42	4.56	17.534		
750.00	750.00	750.00	750.00	2.46	2.46	-42.061	59.38	-53.58	79.98	75.06	4.92	16.256		
800.00	800.00	800.00	800.00	2.64	2.64	-42.061	59.38	-53.58	79.98	74.70	5.28	15.152		
850.00	850.00	850.00	850.00	2.82	2.82	-42.061	59.38	-53.58	79.98	74.34	5.64	14.188		
900.00	900.00	900.00	900.00	3.00	3.00	-42.061	59.38	-53.58	79.98	73.98	6.00	13.340		
950.00	950.00	950.00	950.00	3.18	3.18	-42.061	59.38	-53.58	79.98	73.63	6.35	12.588		
1,000.00	1,000.00	1,000.00	1,000.00	3.36	3.36	-42.061	59.38	-53.58	79.98	73.27	6.71	11.915		
1,050.00	1,050.00	1,050.00	1,050.00	3.53	3.54	66.000	59.38	-53.58	79.85	72.78	7.07	11.301		
1,100.00	1,099.99	1,099.99	1,099.99	3.70	3.71	66.652	59.38	-53.58	79.45	72.03	7.42	10.710		
1,150.00	1,149.96	1,149.96	1,149.96	3.87	3.89	67.752	59.38	-53.58	78.82	71.05	7.77	10.146		
1,200.00	1,199.91	1,199.91	1,199.91	4.04	4.07	69.320	59.38	-53.58	77.98	69.86	8.12	9.606		
1,250.00	1,249.82	1,249.82	1,249.82	4.22	4.25	71.380	59.38	-53.58	76.99	68.52	8.47	9.090		
1,300.00	1,299.69	1,299.69	1,299.69	4.39	4.43	73.963	59.38	-53.58	75.91	67.09	8.82	8.605		
1,350.00	1,349.51	1,349.51	1,349.51	4.57	4.61	77.095	59.38	-53.58	74.85	65.67	9.18	8.155		
1,400.00	1,399.27	1,399.27	1,399.27	4.75	4.79	80.798	59.38	-53.58	73.90	64.37	9.54	7.751		
1,450.00	1,448.96	1,448.96	1,448.96	4.93	4.97	85.075	59.38	-53.58	73.22	63.32	9.90	7.397		
1,500.00	1,498.57	1,498.57	1,498.57	5.12	5.14	89.900	59.38	-53.58	72.94	62.68	10.26	7.108		
1,500.98	1,499.55	1,499.55	1,499.55	5.12	5.15	90.000	59.38	-53.58	72.94	62.67	10.27	7.103 CC		
1,550.00	1,548.10	1,548.10	1,548.10	5.31	5.32	95.211	59.38	-53.58	73.25	62.62	10.63	6.890 ES		
1,600.00	1,597.54	1,597.54	1,597.54	5.50	5.50	100.899	59.38	-53.58	74.32	63.31	11.00	6.755		
1,650.00	1,646.87	1,646.87	1,646.87	5.71	5.68	106.814	59.38	-53.58	76.29	64.92	11.38	6.707 SF		
1,700.00	1,696.09	1,696.09	1,696.09	5.91	5.85	112.781	59.38	-53.58	79.32	67.57	11.74	6.754		
1,750.00	1,745.19	1,745.19	1,745.19	6.13	6.03	118.624	59.38	-53.58	83.47	71.36	12.11	6.891		
1,776.96	1,771.62	1,771.62	1,771.62	6.24	6.12	121.668	59.38	-53.58	86.20	73.90	12.31	7.004		
1,800.00	1,794.18	1,794.18	1,794.18	6.35	6.20	124.190	59.38	-53.58	88.77	76.30	12.47	7.116		
1,850.00	1,843.15	1,843.15	1,843.15	6.57	6.38	129.179	59.38	-53.58	94.89	82.06	12.83	7.393		
1,900.00	1,892.12	1,892.12	1,892.12	6.80	6.55	133.549	59.38	-53.58	101.65	88.46	13.19	7.708		
1,950.00	1,941.09	1,941.09	1,941.09	7.03	6.73	137.366	59.38	-53.58	108.93	95.39	13.54	8.045		
2,000.00	1,990.06	1,990.06	1,990.06	7.26	6.91	140.701	59.38	-53.58	116.62	102.74	13.89	8.397		
2,050.00	2,039.02	2,039.02	2,039.02	7.50	7.08	143.621	59.38	-53.58	124.66	110.43	14.24	8.757		
2,100.00	2,087.99	2,087.99	2,087.99	7.74	7.26	146.187	59.38	-53.58	132.99	118.40	14.58	9.119		
2,150.00	2,136.96	2,136.96	2,136.96	7.98	7.43	148.450	59.38	-53.58	141.54	126.61	14.93	9.480		
2,200.00	2,185.93	2,185.93	2,185.93	8.22	7.61	150.455	59.38	-53.58	150.29	135.01	15.28	9.837		
2,250.00	2,234.90	2,234.90	2,234.90	8.47	7.78	152.240	59.38	-53.58	159.19	143.57	15.63	10.188		
2,300.00	2,283.87	2,283.87	2,283.87	8.71	7.96	153.836	59.38	-53.58	168.24	152.26	15.97	10.532		
2,350.00	2,332.84	2,332.84	2,332.84	8.96	8.13	155.270	59.38	-53.58	177.39	161.07	16.32	10.868		
2,400.00	2,381.81	2,381.81	2,381.81	9.21	8.31	156.563	59.38	-53.58	186.64	169.97	16.67	11.196		
2,450.00	2,430.78	2,430.78	2,430.78	9.46	8.49	157.734	59.38	-53.58	195.98	178.96	17.02	11.514		
2,500.00	2,479.75	2,479.75	2,479.75	9.71	8.66	158.799	59.38	-53.58	205.39	188.02	17.37	11.824		
2,550.00	2,528.72	2,528.72	2,528.72	9.96	8.84	159.770	59.38	-53.58	214.86	197.14	17.72	12.125		
2,600.00	2,577.69	2,577.69	2,577.69	10.22	9.01	160.660	59.38	-53.58	224.39	206.32	18.07	12.416		
2,650.00	2,626.65	2,626.65	2,626.65	10.47	9.19	161.478	59.38	-53.58	233.96	215.54	18.42	12.699		
2,700.00	2,675.62	2,675.62	2,675.62	10.73	9.36	162.231	59.38	-53.58	243.58	224.80	18.78	12.973		
2,750.00	2,724.59	2,724.59	2,724.59	10.98	9.54	162.927	59.38	-53.58	253.24	234.11	19.13	13.238		
2,800.00	2,773.56	2,773.56	2,773.56	11.24	9.71	163.572	59.38	-53.58	262.92	243.44	19.48	13.496		
2,850.00	2,822.53	2,822.53	2,822.53	11.50	9.89	164.172	59.38	-53.58	272.64	252.81	19.84	13.745		
2,900.00	2,871.50	2,871.50	2,871.50	11.76	10.06	164.730	59.38	-53.58	282.39	262.20	20.19	13.986		
2,950.00	2,920.47	2,922.15	2,922.15	12.02	10.24	165.270	59.34	-53.63	292.10	271.55	20.55	14.216		
3,000.00	2,969.44	2,975.32	2,975.32	12.28	10.43	165.815	58.90	-54.15	301.27	280.36	20.91	14.410		
3,050.00	3,018.41	3,028.75	3,028.75	12.54	10.61	166.349	57.99	-55.24	309.79	288.52	21.27	14.567		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-8 - 2NH - OH/ PILOT - PERMIT														Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance				Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
3,100.00	3,067.38	3,082.42	3,082.35	12.80	10.78	166.876	56.58	-56.92	317.64	296.02	21.62	14.691			
3,150.00	3,116.35	3,136.30	3,136.15	13.06	10.96	167.401	54.68	-59.18	324.83	302.85	21.98	14.780			
3,200.00	3,165.32	3,190.37	3,190.09	13.32	11.14	167.925	52.29	-62.03	331.36	309.02	22.34	14.834			
3,250.00	3,214.28	3,244.62	3,244.15	13.58	11.33	168.454	49.39	-65.48	337.21	314.51	22.70	14.857			
3,300.00	3,263.25	3,299.02	3,298.29	13.84	11.51	168.989	46.00	-69.53	342.40	319.34	23.06	14.849			
3,350.00	3,312.22	3,351.27	3,350.23	14.11	11.69	169.508	42.31	-73.92	346.99	323.58	23.41	14.820			
3,400.00	3,361.19	3,400.98	3,399.63	14.37	11.86	169.993	38.74	-78.18	351.51	327.75	23.76	14.793			
3,450.00	3,410.16	3,450.69	3,449.03	14.63	12.03	170.465	35.16	-82.44	356.05	331.94	24.11	14.767			
3,500.00	3,459.13	3,500.40	3,498.42	14.90	12.20	170.925	31.59	-86.70	360.62	336.16	24.46	14.742			
3,550.00	3,508.10	3,550.11	3,547.82	15.16	12.38	171.374	28.02	-90.95	365.21	340.40	24.81	14.719			
3,600.00	3,557.07	3,599.82	3,597.22	15.43	12.55	171.812	24.45	-95.21	369.82	344.66	25.16	14.696			
3,650.00	3,606.04	3,649.52	3,646.61	15.69	12.73	172.239	20.87	-99.47	374.45	348.94	25.52	14.675			
3,700.00	3,655.01	3,699.23	3,696.01	15.96	12.91	172.655	17.30	-103.73	379.11	353.24	25.87	14.654			
3,750.00	3,703.98	3,748.94	3,745.40	16.22	13.09	173.062	13.73	-107.99	383.78	357.55	26.22	14.634			
3,800.00	3,752.95	3,798.65	3,794.80	16.49	13.27	173.458	10.16	-112.24	388.47	361.89	26.58	14.616			
3,850.00	3,801.92	3,848.36	3,844.20	16.75	13.45	173.845	6.58	-116.50	393.18	366.24	26.93	14.597			
3,900.00	3,850.88	3,898.06	3,893.59	17.02	13.63	174.223	3.01	-120.76	397.91	370.61	27.29	14.580			
3,950.00	3,899.85	3,947.77	3,942.99	17.29	13.81	174.592	-0.56	-125.02	402.65	375.00	27.65	14.563			
4,000.00	3,948.82	3,997.48	3,992.39	17.55	13.99	174.953	-4.14	-129.27	407.41	379.40	28.01	14.547			
4,050.00	3,997.79	4,047.19	4,041.78	17.82	14.18	175.305	-7.71	-133.53	412.18	383.82	28.36	14.532			
4,100.00	4,046.76	4,096.90	4,091.18	18.08	14.36	175.649	-11.28	-137.79	416.97	388.25	28.72	14.517			
4,150.00	4,095.73	4,146.60	4,140.58	18.35	14.55	175.986	-14.85	-142.05	421.78	392.69	29.08	14.502			
4,200.00	4,144.70	4,196.31	4,189.97	18.62	14.73	176.315	-18.43	-146.31	426.60	397.15	29.44	14.488			
4,250.00	4,193.67	4,246.02	4,239.37	18.89	14.92	176.636	-22.00	-150.56	431.43	401.62	29.81	14.475			
4,300.00	4,242.64	4,295.73	4,288.76	19.15	15.11	176.950	-25.57	-154.82	436.27	406.11	30.17	14.462			
4,350.00	4,291.61	4,345.44	4,338.16	19.42	15.29	177.258	-29.14	-159.08	441.13	410.60	30.53	14.449			
4,400.00	4,340.58	4,395.14	4,387.56	19.69	15.48	177.558	-32.72	-163.34	446.00	415.11	30.89	14.437			
4,450.00	4,389.55	4,444.85	4,436.95	19.96	15.67	177.853	-36.29	-167.59	450.89	419.63	31.26	14.425			
4,500.00	4,438.51	4,494.56	4,486.35	20.22	15.86	178.141	-39.86	-171.85	455.78	424.16	31.62	14.413			
4,550.00	4,487.48	4,544.27	4,535.75	20.49	16.05	178.423	-43.44	-176.11	460.69	428.70	31.99	14.402			
4,600.00	4,536.45	4,593.98	4,585.14	20.76	16.24	178.698	-47.01	-180.37	465.60	433.25	32.35	14.391			
4,650.00	4,585.42	4,643.69	4,634.54	21.03	16.43	178.969	-50.58	-184.63	470.53	437.81	32.72	14.381			
4,700.00	4,634.39	4,693.39	4,683.94	21.30	16.62	179.233	-54.15	-188.88	475.47	442.38	33.09	14.370			
4,750.00	4,683.36	4,743.10	4,733.33	21.57	16.82	179.492	-57.73	-193.14	480.41	446.96	33.45	14.360			
4,800.00	4,732.33	4,792.81	4,782.73	21.83	17.01	179.746	-61.30	-197.40	485.37	451.55	33.82	14.350			
4,850.00	4,781.30	4,842.52	4,832.12	22.10	17.20	179.995	-64.87	-201.66	490.33	456.14	34.19	14.341			
4,900.00	4,830.27	4,892.23	4,881.52	22.37	17.39	179.761	-68.44	-205.91	495.31	460.75	34.56	14.331			
4,950.00	4,879.24	4,941.93	4,930.92	22.64	17.59	179.523	-72.02	-210.17	500.29	465.36	34.93	14.322			
5,000.00	4,928.21	4,991.64	4,980.31	22.91	17.78	179.288	-75.59	-214.43	505.28	469.98	35.30	14.313			
5,050.00	4,977.18	5,041.35	5,029.71	23.18	17.97	179.059	-79.16	-218.69	510.28	474.61	35.67	14.305			
5,100.00	5,026.14	5,091.06	5,079.11	23.45	18.17	178.834	-82.73	-222.95	515.29	479.25	36.04	14.296			
5,150.00	5,075.11	5,140.77	5,128.50	23.72	18.36	178.613	-86.31	-227.20	520.31	483.89	36.42	14.288			
5,200.00	5,124.08	5,190.47	5,177.90	23.98	18.56	178.396	-89.88	-231.46	525.33	488.54	36.79	14.280			
5,250.00	5,173.05	5,240.18	5,227.30	24.25	18.76	178.184	-93.45	-235.72	530.36	493.20	37.16	14.272			
5,300.00	5,222.02	5,289.89	5,276.69	24.52	18.95	177.975	-97.03	-239.98	535.40	497.86	37.54	14.264			
5,350.00	5,270.99	5,338.90	5,325.39	24.79	19.14	177.772	-100.56	-244.16	540.45	502.54	37.91	14.257			
5,400.00	5,319.96	5,387.15	5,373.34	25.06	19.33	177.544	-104.29	-248.06	545.67	507.39	38.28	14.256			
5,450.00	5,368.93	5,436.82	5,422.70	25.33	19.53	177.307	-108.17	-252.02	550.92	512.27	38.65	14.253			
5,500.00	5,417.90	5,486.49	5,472.07	25.60	19.73	177.075	-112.06	-255.98	556.19	517.16	39.03	14.250			
5,550.00	5,466.87	5,536.17	5,521.43	25.87	19.92	176.847	-115.95	-259.95	561.46	522.06	39.41	14.248			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-8 - 2NH - OH/ PILOT - PERMIT														Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance				Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
5,600.00	5,515.84	5,585.84	5,570.79	26.14	20.12	-176.623	-119.83	-263.91	566.75	526.96	39.79	14.245			
5,650.00	5,564.81	5,635.51	5,620.15	26.41	20.32	-176.403	-123.72	-267.87	572.04	531.88	40.16	14.243			
5,700.00	5,613.78	5,685.18	5,669.51	26.68	20.51	-176.188	-127.61	-271.84	577.34	536.80	40.54	14.240			
5,750.00	5,662.74	5,734.85	5,718.87	26.95	20.71	-175.976	-131.49	-275.80	582.65	541.72	40.92	14.238			
5,800.00	5,711.71	5,784.53	5,768.23	27.22	20.91	-175.769	-135.38	-279.76	587.96	546.66	41.30	14.236			
5,850.00	5,760.68	5,834.20	5,817.59	27.49	21.11	-175.564	-139.26	-283.73	593.28	551.60	41.68	14.234			
5,900.00	5,809.65	5,883.87	5,866.95	27.76	21.31	-175.364	-143.15	-287.69	598.62	556.55	42.06	14.232			
5,950.00	5,858.62	5,933.54	5,916.31	28.03	21.51	-175.167	-147.04	-291.65	603.95	561.51	42.44	14.229			
6,000.00	5,907.59	5,983.21	5,965.67	28.30	21.70	-174.974	-150.92	-295.61	609.30	566.47	42.83	14.227			
6,050.00	5,956.56	6,032.88	6,015.03	28.57	21.90	-174.783	-154.81	-299.58	614.65	571.44	43.21	14.225			
6,100.00	6,005.53	6,082.56	6,064.39	28.84	22.10	-174.597	-158.70	-303.54	620.01	576.42	43.59	14.223			
6,150.00	6,054.50	6,132.23	6,113.75	29.11	22.30	-174.413	-162.58	-307.50	625.37	581.40	43.97	14.221			
6,200.00	6,103.47	6,181.90	6,163.11	29.38	22.50	-174.232	-166.47	-311.47	630.74	586.38	44.36	14.219			
6,250.00	6,152.44	6,231.57	6,212.47	29.65	22.70	-174.055	-170.36	-315.43	636.12	591.38	44.74	14.218			
6,300.00	6,201.41	6,281.24	6,261.84	29.92	22.90	-173.881	-174.24	-319.39	641.50	596.37	45.13	14.216			
6,350.00	6,250.37	6,330.91	6,311.20	30.19	23.10	-173.709	-178.13	-323.36	646.89	601.38	45.51	14.214			
6,400.00	6,299.34	6,380.59	6,360.56	30.46	23.30	-173.540	-182.01	-327.32	652.28	606.39	45.90	14.212			
6,450.00	6,348.31	6,430.26	6,409.92	30.73	23.50	-173.374	-185.90	-331.28	657.68	611.40	46.28	14.210			
6,500.00	6,397.28	6,479.93	6,459.28	31.00	23.70	-173.211	-189.79	-335.24	663.09	616.42	46.67	14.208			
6,550.00	6,446.25	6,529.60	6,508.64	31.28	23.90	-173.050	-193.67	-339.21	668.50	621.44	47.05	14.207			
6,600.00	6,495.22	6,579.27	6,558.00	31.55	24.10	-172.892	-197.56	-343.17	673.91	626.47	47.44	14.205			
6,650.00	6,544.19	6,628.94	6,607.36	31.82	24.31	-172.737	-201.45	-347.13	679.33	631.50	47.83	14.203			
6,700.00	6,593.16	6,678.62	6,656.72	32.09	24.51	-172.583	-205.33	-351.10	684.76	636.54	48.22	14.202			
6,750.00	6,642.13	6,728.29	6,706.08	32.36	24.71	-172.433	-209.22	-355.06	690.19	641.58	48.60	14.200			
6,800.00	6,691.10	6,777.96	6,755.44	32.63	24.91	-172.284	-213.11	-359.02	695.62	646.63	48.99	14.198			
6,850.00	6,740.07	6,827.63	6,804.80	32.90	25.11	-172.138	-216.99	-362.99	701.06	651.68	49.38	14.197			
6,900.00	6,789.04	6,877.30	6,854.16	33.17	25.31	-171.995	-220.88	-366.95	706.50	656.73	49.77	14.195			
6,950.00	6,838.01	6,926.98	6,903.52	33.44	25.51	-171.853	-224.76	-370.91	711.95	661.79	50.16	14.194			
7,000.00	6,886.97	6,976.65	6,952.88	33.71	25.72	-171.714	-228.65	-374.88	717.40	666.85	50.55	14.192			
7,050.00	6,935.94	7,026.32	7,002.24	33.98	25.92	-171.576	-232.54	-378.84	722.86	671.92	50.94	14.191			
7,100.00	6,984.91	7,075.99	7,051.61	34.25	26.12	-171.441	-236.42	-382.80	728.32	676.99	51.33	14.189			
7,150.00	7,033.88	7,125.66	7,100.97	34.52	26.32	-171.308	-240.31	-386.76	733.78	682.06	51.72	14.188			
7,200.00	7,082.85	7,175.33	7,150.33	34.79	26.53	-171.176	-244.20	-390.73	739.25	687.14	52.11	14.186			
7,250.00	7,131.82	7,225.01	7,199.69	35.07	26.73	-171.047	-248.08	-394.69	744.72	692.22	52.50	14.185			
7,300.00	7,180.79	7,274.68	7,249.05	35.34	26.93	-170.919	-251.97	-398.65	750.20	697.31	52.89	14.183			
7,350.00	7,229.76	7,324.35	7,298.41	35.61	27.14	-170.794	-255.86	-402.62	755.68	702.39	53.28	14.182			
7,400.00	7,278.73	7,374.02	7,347.77	35.88	27.34	-170.670	-259.74	-406.58	761.16	707.49	53.68	14.180			
7,450.00	7,327.70	7,423.69	7,397.13	36.15	27.54	-170.548	-263.63	-410.54	766.65	712.58	54.07	14.179			
7,500.00	7,376.67	7,473.36	7,446.49	36.42	27.74	-170.427	-267.52	-414.51	772.14	717.68	54.46	14.178			
7,550.00	7,425.64	7,523.04	7,495.85	36.69	27.95	-170.309	-271.40	-418.47	777.63	722.78	54.85	14.176			
7,600.00	7,474.60	7,572.71	7,545.21	36.96	28.15	-170.192	-275.29	-422.43	783.13	727.88	55.25	14.175			
7,650.00	7,523.57	7,622.38	7,594.57	37.23	28.35	-170.076	-279.17	-426.40	788.63	732.99	55.64	14.174			
7,700.00	7,572.54	7,672.05	7,643.93	37.51	28.56	-169.963	-283.06	-430.36	794.13	738.09	56.03	14.172			
7,750.00	7,621.51	7,721.72	7,693.29	37.78	28.76	-169.850	-286.95	-434.32	799.63	743.21	56.43	14.171			
7,800.00	7,670.48	7,771.39	7,742.65	38.05	28.97	-169.740	-290.83	-438.28	805.14	748.32	56.82	14.170			
7,850.00	7,719.45	7,821.07	7,792.01	38.32	29.17	-169.631	-294.72	-442.25	810.65	753.44	57.22	14.168			
7,900.00	7,768.42	7,870.74	7,841.38	38.59	29.37	-169.523	-298.61	-446.21	816.17	758.56	57.61	14.167			
7,950.00	7,817.39	7,920.41	7,890.74	38.86	29.58	-169.417	-302.49	-450.17	821.69	763.68	58.01	14.166			
8,000.00	7,866.36	7,970.08	7,940.10	39.13	29.78	-169.312	-306.38	-454.14	827.21	768.81	58.40	14.164			
8,050.00	7,915.33	8,019.75	7,989.46	39.40	29.99	-169.208	-310.27	-458.10	832.73	773.93	58.80	14.163			
8,100.00	7,964.30	8,069.43	8,038.82	39.68	30.19	-169.106	-314.15	-462.06	838.25	779.06	59.19	14.162			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-8 - 2NH - OH/ PILOT - PERMIT														Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance				Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
8,150.00	8,013.27	8,119.10	8,088.18	39.95	30.39	-169.006	-318.04	-466.03	843.78	784.19	59.59	14.161			
8,200.00	8,062.23	8,168.77	8,137.54	40.22	30.60	-168.906	-321.92	-469.99	849.31	789.33	59.98	14.159			
8,250.00	8,111.20	8,218.44	8,186.90	40.49	30.80	-168.808	-325.81	-473.95	854.84	794.47	60.38	14.158			
8,300.00	8,160.17	8,268.11	8,236.26	40.76	31.01	-168.711	-329.70	-477.91	860.38	799.61	60.77	14.157			
8,350.00	8,209.14	8,317.78	8,285.62	41.03	31.21	-168.616	-333.58	-481.88	865.92	804.75	61.17	14.156			
8,400.00	8,258.11	8,367.46	8,334.98	41.30	31.42	-168.521	-337.47	-485.84	871.46	809.89	61.57	14.155			
8,450.00	8,307.08	8,417.13	8,384.34	41.57	31.62	-168.428	-341.36	-489.80	877.00	815.04	61.96	14.153			
8,500.00	8,356.05	8,466.80	8,433.70	41.85	31.83	-168.336	-345.24	-493.77	882.54	820.18	62.36	14.152			
8,550.00	8,405.02	8,516.47	8,483.06	42.12	32.03	-168.245	-349.13	-497.73	888.09	825.33	62.76	14.151			
8,600.00	8,453.99	8,566.14	8,532.42	42.39	32.24	-168.155	-353.02	-501.69	893.64	830.49	63.15	14.150			
8,650.00	8,502.96	8,615.81	8,581.79	42.66	32.44	-168.066	-356.90	-505.66	899.19	835.64	63.55	14.149			
8,700.00	8,551.93	8,665.49	8,631.15	42.93	32.65	-167.979	-360.79	-509.62	904.74	840.79	63.95	14.148			
8,750.00	8,600.90	8,715.16	8,680.51	43.20	32.85	-167.892	-364.67	-513.58	910.30	845.95	64.35	14.147			
8,800.00	8,649.87	8,764.83	8,729.87	43.47	33.06	-167.807	-368.56	-517.55	915.86	851.11	64.75	14.145			
8,850.00	8,698.83	8,814.50	8,779.23	43.75	33.26	-167.722	-372.45	-521.51	921.42	856.27	65.14	14.144			
8,900.00	8,747.80	8,864.17	8,828.59	44.02	33.47	-167.639	-376.33	-525.47	926.98	861.44	65.54	14.143			
8,950.00	8,796.77	8,913.84	8,877.95	44.29	33.67	-167.557	-380.22	-529.43	932.54	866.60	65.94	14.142			
9,000.00	8,845.74	8,963.52	8,927.31	44.56	33.88	-167.475	-384.11	-533.40	938.11	871.77	66.34	14.141			
9,050.00	8,894.71	9,013.19	8,976.67	44.83	34.09	-167.395	-387.99	-537.36	943.67	876.94	66.74	14.140			
9,100.00	8,943.68	9,062.86	9,026.03	45.10	34.29	-167.315	-391.88	-541.32	949.24	882.11	67.14	14.139			
9,150.00	8,992.65	9,112.53	9,075.39	45.38	34.50	-167.236	-395.77	-545.29	954.81	887.28	67.54	14.138			
9,200.00	9,041.62	9,162.20	9,124.75	45.65	34.70	-167.159	-399.65	-549.25	960.38	892.45	67.93	14.137			
9,250.00	9,090.59	9,211.88	9,174.11	45.92	34.91	-167.082	-403.54	-553.21	965.96	897.62	68.33	14.136			
9,300.00	9,139.56	9,261.55	9,223.47	46.19	35.11	-167.006	-407.42	-557.18	971.53	902.80	68.73	14.135			
9,350.00	9,188.53	9,311.22	9,272.83	46.46	35.32	-166.931	-411.31	-561.14	977.11	907.98	69.13	14.134			
9,400.00	9,237.50	9,360.89	9,322.19	46.73	35.53	-166.857	-415.20	-565.10	982.69	913.16	69.53	14.133			
9,450.00	9,286.46	9,410.56	9,371.56	47.01	35.73	-166.783	-419.08	-569.07	988.27	918.34	69.93	14.132			
9,500.00	9,335.43	9,460.23	9,420.92	47.28	35.94	-166.711	-422.97	-573.03	993.85	923.52	70.33	14.131			
9,550.00	9,384.40	9,509.91	9,470.28	47.55	36.14	-166.639	-426.86	-576.99	999.44	928.70	70.73	14.130			
9,600.00	9,433.37	9,559.58	9,519.64	47.82	36.35	-166.568	-430.74	-580.95	1,005.02	933.89	71.13	14.129			
9,650.00	9,482.34	9,609.25	9,569.00	48.09	36.56	-166.498	-434.63	-584.92	1,010.61	939.08	71.53	14.128			
9,700.00	9,531.31	9,658.92	9,618.36	48.36	36.76	-166.428	-438.52	-588.88	1,016.20	944.26	71.93	14.127			
9,750.00	9,580.28	9,708.59	9,667.72	48.64	36.97	-166.360	-442.40	-592.84	1,021.79	949.45	72.34	14.126			
9,800.00	9,629.25	9,758.26	9,717.08	48.91	37.18	-166.292	-446.29	-596.81	1,027.38	954.64	72.74	14.125			
9,850.00	9,678.22	9,807.94	9,766.44	49.18	37.38	-166.225	-450.17	-600.77	1,032.97	959.84	73.14	14.124			
9,900.00	9,727.19	9,857.61	9,815.80	49.45	37.59	-166.158	-454.06	-604.73	1,038.57	965.03	73.54	14.123			
9,950.00	9,776.16	9,907.28	9,865.16	49.72	37.79	-166.093	-457.95	-608.70	1,044.16	970.22	73.94	14.122			
10,000.00	9,825.13	9,956.95	9,914.52	49.99	38.00	-166.028	-461.83	-612.66	1,049.76	975.42	74.34	14.121			
10,050.00	9,874.09	10,000.00	9,957.30	50.27	38.18	-165.973	-465.71	-616.67	1,055.40	980.68	74.71	14.120			
10,100.00	9,923.06	10,043.97	10,001.04	50.54	38.36	-165.931	-469.63	-619.29	1,061.37	986.28	75.09	14.119			
10,150.00	9,972.03	10,088.88	10,041.79	50.81	38.52	-165.900	-473.55	-621.95	1,067.74	992.30	75.44	14.118			
10,200.00	10,021.00	10,125.71	10,082.48	51.08	38.68	-165.902	-477.25	-624.30	1,074.53	998.73	75.80	14.117			
10,250.00	10,069.97	10,166.45	10,123.12	51.35	38.84	-165.910	-479.24	-626.33	1,081.71	1,005.57	76.14	14.206			
10,300.00	10,118.94	10,200.00	10,156.61	51.62	38.96	-165.928	-476.66	-627.78	1,089.32	1,012.86	76.46	14.247			
10,350.00	10,167.91	10,247.61	10,204.16	51.90	39.14	-165.971	-478.31	-629.46	1,097.28	1,020.46	76.82	14.283			
10,400.00	10,216.88	10,288.01	10,244.53	52.17	39.28	-166.022	-479.39	-630.56	1,105.66	1,028.51	77.16	14.330			
10,450.00	10,265.85	10,328.29	10,284.79	52.44	39.42	-166.088	-480.17	-631.35	1,114.44	1,036.96	77.48	14.383			
10,500.00	10,314.82	10,368.42	10,324.92	52.71	39.56	-166.166	-480.64	-631.84	1,123.62	1,045.82	77.81	14.441			
10,550.00	10,363.79	10,408.42	10,364.92	52.98	39.69	-166.257	-480.83	-632.03	1,133.20	1,055.07	78.12	14.505			
10,600.00	10,412.76	10,456.26	10,412.76	53.25	39.84	-166.374	-480.83	-632.03	1,143.02	1,064.57	78.45	14.569			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-8 - 2NH - OH/ PILOT - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
10,618.11	10,430.50	10,474.00	10,430.50	53.35	39.90	-166.417	-480.83	-632.03	1,146.58	1,068.01	78.58	14.592			
10,650.00	10,461.64	10,505.14	10,461.64	53.53	40.00	-154.030	-480.83	-632.03	1,153.00	1,074.16	78.84	14.625			
10,700.00	10,509.99	10,553.49	10,509.99	53.83	40.15	-140.159	-480.83	-632.03	1,163.69	1,084.42	79.27	14.681			
10,750.00	10,557.44	10,600.94	10,557.44	54.14	40.30	-131.109	-480.83	-632.03	1,175.11	1,095.41	79.70	14.744			
10,800.00	10,603.67	10,647.18	10,603.67	54.47	40.44	-124.979	-480.83	-632.03	1,187.32	1,107.16	80.16	14.813			
10,850.00	10,648.37	10,691.88	10,648.37	54.81	40.58	-120.620	-480.83	-632.03	1,200.35	1,119.72	80.63	14.887			
10,900.00	10,691.23	10,734.74	10,691.23	55.17	40.72	-117.365	-480.83	-632.03	1,214.27	1,133.14	81.14	14.966			
10,950.00	10,731.95	10,775.46	10,731.95	55.53	40.84	-114.810	-480.83	-632.03	1,229.18	1,147.50	81.68	15.048			
11,000.00	10,770.26	10,813.76	10,770.26	55.91	40.96	-112.693	-480.83	-632.03	1,245.16	1,162.87	82.29	15.132			
11,050.00	10,805.89	10,849.39	10,805.89	56.29	41.08	-110.831	-480.83	-632.03	1,262.28	1,179.32	82.96	15.215			
11,100.00	10,838.59	10,882.09	10,838.59	56.68	41.18	-109.090	-480.83	-632.03	1,280.63	1,196.91	83.72	15.296			
11,150.00	10,868.14	10,911.64	10,868.14	57.08	41.27	-107.366	-480.83	-632.03	1,300.26	1,215.68	84.58	15.374			
11,200.00	10,894.34	10,937.84	10,894.34	57.48	41.36	-105.578	-480.83	-632.03	1,321.19	1,235.68	85.51	15.450			
11,250.00	10,917.01	10,960.51	10,917.01	57.89	41.43	-103.659	-480.83	-632.03	1,343.43	1,256.92	86.51	15.529			
11,300.00	10,935.99	10,979.50	10,935.99	58.31	41.49	-101.561	-480.83	-632.03	1,366.94	1,279.42	87.52	15.618			
11,350.00	10,951.16	10,994.66	10,951.16	58.73	41.54	-99.246	-480.83	-632.03	1,391.66	1,303.18	88.48	15.729			
11,400.00	10,962.40	11,005.90	10,962.40	59.15	41.57	-96.695	-480.83	-632.03	1,417.47	1,328.20	89.27	15.878			
11,450.00	10,969.64	11,013.14	10,969.64	59.57	41.59	-93.905	-480.83	-632.03	1,444.24	1,354.45	89.80	16.084			
11,500.00	10,972.84	11,016.34	10,972.84	60.00	41.60	-90.893	-480.83	-632.03	1,471.81	1,381.87	89.93	16.366			
11,514.23	10,973.00	11,016.50	10,973.00	60.12	41.61	-90.000	-480.83	-632.03	1,479.77	1,389.88	89.88	16.463			
11,550.00	10,973.00	11,016.50	10,973.00	60.42	41.61	-90.000	-480.83	-632.03	1,499.94	1,409.95	89.99	16.667			
11,600.00	10,973.00	11,016.50	10,973.00	60.85	41.61	-90.000	-480.83	-632.03	1,528.50	1,438.36	90.13	16.958			
11,650.00	10,973.00	11,016.50	10,973.00	61.27	41.61	-90.000	-480.83	-632.03	1,557.43	1,467.15	90.28	17.250			
11,700.00	10,973.00	11,016.50	10,973.00	61.71	41.61	-90.000	-480.83	-632.03	1,586.72	1,496.30	90.42	17.549			
11,750.00	10,973.00	11,016.50	10,973.00	62.13	41.61	-90.000	-480.83	-632.03	1,616.33	1,525.77	90.56	17.848			
11,773.11	10,973.00	11,016.50	10,973.00	62.33	41.61	-90.000	-480.83	-632.03	1,630.12	1,539.50	90.62	17.989			
11,800.00	10,973.00	11,016.50	10,973.00	62.57	41.61	-90.000	-480.83	-632.03	1,646.33	1,555.42	90.92	18.108			
11,850.00	10,973.00	11,016.50	10,973.00	63.01	41.61	-90.000	-480.83	-632.03	1,677.22	1,585.74	91.49	18.333			
11,900.00	10,973.00	11,016.50	10,973.00	63.46	41.61	-90.000	-480.83	-632.03	1,709.02	1,616.96	92.06	18.564			
11,950.00	10,973.00	11,016.50	10,973.00	63.93	41.61	-90.000	-480.83	-632.03	1,741.67	1,649.01	92.66	18.797			
12,000.00	10,973.00	11,016.50	10,973.00	64.40	41.61	-90.000	-480.83	-632.03	1,775.13	1,681.87	93.26	19.035			
12,050.00	10,973.00	11,016.50	10,973.00	64.89	41.61	-90.000	-480.83	-632.03	1,809.35	1,715.46	93.88	19.273			
12,100.00	10,973.00	11,016.50	10,973.00	65.40	41.61	-90.000	-480.83	-632.03	1,844.29	1,749.78	94.51	19.515			
12,150.00	10,973.00	11,016.50	10,973.00	65.91	41.61	-90.000	-480.83	-632.03	1,879.91	1,784.75	95.15	19.756			



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design													MOHEE FED 0297-17-8 - 3NH - OH - PERMIT	Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
350.00	350.00	350.00	350.00	1.03	1.03	-42.061	29.69	-26.79	39.99	37.94	2.05	19.486			
400.00	400.00	400.00	400.00	1.21	1.21	-42.061	29.69	-26.79	39.99	37.58	2.41	16.588			
450.00	450.00	450.00	450.00	1.38	1.38	-42.061	29.69	-26.79	39.99	37.22	2.77	14.441			
500.00	500.00	500.00	500.00	1.56	1.56	-42.061	29.69	-26.79	39.99	36.86	3.13	12.786			
550.00	550.00	550.00	550.00	1.74	1.74	-42.061	29.69	-26.79	39.99	36.50	3.49	11.471			
600.00	600.00	600.00	600.00	1.92	1.92	-42.061	29.69	-26.79	39.99	36.15	3.84	10.402			
650.00	650.00	650.00	650.00	2.10	2.10	-42.061	29.69	-26.79	39.99	35.79	4.20	9.514			
700.00	700.00	700.00	700.00	2.28	2.28	-42.061	29.69	-26.79	39.99	35.43	4.56	8.767			
750.00	750.00	750.00	750.00	2.46	2.46	-42.061	29.69	-26.79	39.99	35.07	4.92	8.128			
800.00	800.00	800.00	800.00	2.64	2.64	-42.061	29.69	-26.79	39.99	34.71	5.28	7.576			
850.00	850.00	850.00	850.00	2.82	2.82	-42.061	29.69	-26.79	39.99	34.35	5.64	7.094			
900.00	900.00	900.00	900.00	3.00	3.00	-42.061	29.69	-26.79	39.99	33.99	6.00	6.670			
950.00	950.00	950.00	950.00	3.18	3.18	-42.061	29.69	-26.79	39.99	33.64	6.35	6.294			
1,000.00	1,000.00	1,000.00	1,000.00	3.36	3.36	-42.061	29.69	-26.79	39.99	33.28	6.71	5.958 CC			
1,050.00	1,050.00	1,049.76	1,049.76	3.53	3.53	65.797	29.61	-27.10	40.01	32.95	7.06	5.667			
1,100.00	1,099.99	1,099.52	1,099.51	3.70	3.70	65.837	29.36	-28.04	40.05	32.65	7.41	5.408			
1,150.00	1,149.96	1,149.28	1,149.24	3.87	3.87	65.904	28.96	-29.61	40.14	32.39	7.75	5.181			
1,200.00	1,199.91	1,199.04	1,198.95	4.04	4.04	65.998	28.39	-31.81	40.25	32.16	8.09	4.978			
1,250.00	1,249.82	1,248.80	1,248.62	4.22	4.22	66.117	27.65	-34.63	40.40	31.96	8.43	4.791			
1,300.00	1,299.69	1,298.56	1,298.25	4.39	4.39	66.261	26.76	-38.08	40.57	31.79	8.78	4.622			
1,350.00	1,349.51	1,348.32	1,347.83	4.57	4.57	66.430	25.70	-42.15	40.79	31.65	9.13	4.466			
1,400.00	1,399.27	1,398.08	1,397.35	4.75	4.74	66.622	24.48	-46.85	41.03	31.54	9.49	4.324			
1,450.00	1,448.96	1,447.83	1,446.81	4.93	4.93	66.838	23.10	-52.17	41.31	31.45	9.85	4.192			
1,500.00	1,498.57	1,497.59	1,496.19	5.12	5.11	67.075	21.56	-58.12	41.62	31.40	10.22	4.072			
1,550.00	1,548.10	1,547.35	1,545.48	5.31	5.30	67.333	19.85	-64.68	41.96	31.36	10.60	3.959			
1,600.00	1,597.54	1,597.11	1,594.68	5.50	5.50	67.610	17.99	-71.87	42.34	31.36	10.98	3.856 ES			
1,650.00	1,646.87	1,646.87	1,643.78	5.71	5.70	67.905	15.96	-79.68	42.75	31.37	11.38	3.757			
1,700.00	1,696.09	1,696.63	1,692.78	5.91	5.90	68.218	13.77	-88.11	43.19	31.42	11.78	3.667			
1,750.00	1,745.19	1,746.39	1,741.65	6.13	6.12	68.546	11.42	-97.15	43.67	31.48	12.20	3.581			
1,776.96	1,771.62	1,773.22	1,767.95	6.24	6.23	68.729	10.09	-102.28	43.94	31.52	12.42	3.537			
1,800.00	1,794.18	1,796.15	1,790.40	6.35	6.33	68.809	8.92	-106.81	44.21	31.59	12.62	3.503			
1,850.00	1,843.15	1,846.14	1,839.31	6.57	6.56	68.792	6.31	-116.83	44.85	31.79	13.06	3.435			
1,900.00	1,892.12	1,896.14	1,888.22	6.80	6.79	68.776	3.71	-126.85	45.50	31.99	13.50	3.370			
1,950.00	1,941.09	1,946.13	1,937.13	7.03	7.02	68.760	1.11	-136.88	46.14	32.19	13.95	3.307			
2,000.00	1,990.06	1,996.13	1,986.04	7.26	7.26	68.744	-1.49	-146.90	46.78	32.38	14.40	3.248			
2,050.00	2,039.02	2,046.13	2,034.95	7.50	7.50	68.729	-4.09	-156.92	47.42	32.56	14.86	3.190			
2,100.00	2,087.99	2,096.12	2,083.86	7.74	7.74	68.715	-6.70	-166.95	48.07	32.74	15.33	3.136			
2,150.00	2,136.96	2,146.12	2,132.78	7.98	7.98	68.701	-9.30	-176.97	48.71	32.91	15.80	3.083			
2,200.00	2,185.93	2,196.11	2,181.69	8.22	8.23	68.687	-11.90	-186.99	49.35	33.08	16.27	3.034			
2,250.00	2,234.90	2,246.11	2,230.60	8.47	8.47	68.673	-14.50	-197.02	49.99	33.25	16.74	2.986			
2,300.00	2,283.87	2,296.10	2,279.51	8.71	8.72	68.660	-17.10	-207.04	50.64	33.42	17.22	2.940			
2,350.00	2,332.84	2,346.10	2,328.42	8.96	8.97	68.647	-19.71	-217.06	51.28	33.58	17.70	2.897			
2,400.00	2,381.81	2,396.10	2,377.33	9.21	9.23	68.635	-22.31	-227.09	51.92	33.74	18.19	2.855			
2,450.00	2,430.78	2,446.09	2,426.25	9.46	9.48	68.622	-24.91	-237.11	52.57	33.89	18.67	2.815			
2,500.00	2,479.75	2,496.09	2,475.16	9.71	9.74	68.610	-27.51	-247.13	53.21	34.05	19.16	2.777			
2,550.00	2,528.72	2,546.08	2,524.07	9.96	9.99	68.599	-30.12	-257.15	53.85	34.20	19.65	2.740			
2,600.00	2,577.69	2,596.08	2,572.98	10.22	10.25	68.587	-32.72	-267.18	54.49	34.35	20.14	2.705			
2,650.00	2,626.65	2,646.08	2,621.89	10.47	10.51	68.576	-35.32	-277.20	55.14	34.50	20.64	2.671			
2,700.00	2,675.62	2,696.07	2,670.80	10.73	10.77	68.566	-37.92	-287.22	55.78	34.64	21.13	2.639			
2,750.00	2,724.59	2,746.07	2,719.72	10.98	11.03	68.555	-40.52	-297.25	56.42	34.79	21.63	2.608			
2,800.00	2,773.56	2,796.06	2,768.63	11.24	11.29	68.545	-43.13	-307.27	57.06	34.93	22.13	2.579			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-8 - 3NH - OH - PERMIT														Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance				Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
2,850.00	2,822.53	2,846.06	2,817.54	11.50	11.55	68.534	-45.73	-317.29	57.71	35.08	22.63	2.550			
2,900.00	2,871.50	2,896.05	2,866.45	11.76	11.81	68.525	-48.33	-327.32	58.35	35.22	23.13	2.522			
2,950.00	2,920.47	2,946.05	2,915.36	12.02	12.07	68.515	-50.93	-337.34	58.99	35.36	23.64	2.496			
3,000.00	2,969.44	2,996.05	2,964.27	12.28	12.34	68.505	-53.53	-347.36	59.64	35.50	24.14	2.470			
3,050.00	3,018.41	3,046.04	3,013.19	12.54	12.60	68.496	-56.14	-357.39	60.28	35.63	24.64	2.446			
3,100.00	3,067.38	3,096.04	3,062.10	12.80	12.87	68.487	-58.74	-367.41	60.92	35.77	25.15	2.422			
3,150.00	3,116.35	3,146.03	3,111.01	13.06	13.13	68.478	-61.34	-377.43	61.56	35.91	25.66	2.399			
3,200.00	3,165.32	3,196.03	3,159.92	13.32	13.40	68.469	-63.94	-387.45	62.21	36.04	26.16	2.378			
3,250.00	3,214.28	3,246.03	3,208.83	13.58	13.66	68.461	-66.55	-397.48	62.85	36.18	26.67	2.356			
3,300.00	3,263.25	3,296.02	3,257.74	13.84	13.93	68.453	-69.15	-407.50	63.49	36.31	27.18	2.336			
3,350.00	3,312.22	3,346.02	3,306.66	14.11	14.20	68.444	-71.75	-417.52	64.14	36.44	27.69	2.316			
3,400.00	3,361.19	3,396.01	3,355.57	14.37	14.46	68.436	-74.35	-427.55	64.78	36.58	28.20	2.297			
3,450.00	3,410.16	3,446.01	3,404.48	14.63	14.73	68.429	-76.95	-437.57	65.42	36.71	28.71	2.278			
3,500.00	3,459.13	3,496.01	3,453.39	14.90	15.00	68.421	-79.56	-447.59	66.06	36.84	29.23	2.260			
3,550.00	3,508.10	3,546.00	3,502.30	15.16	15.27	68.413	-82.16	-457.62	66.71	36.97	29.74	2.243			
3,600.00	3,557.07	3,596.00	3,551.21	15.43	15.54	68.406	-84.76	-467.64	67.35	37.10	30.25	2.226			
3,650.00	3,606.04	3,645.99	3,600.13	15.69	15.80	68.399	-87.36	-477.66	67.99	37.23	30.76	2.210			
3,700.00	3,655.01	3,695.99	3,649.04	15.96	16.07	68.391	-89.96	-487.69	68.64	37.36	31.28	2.194			
3,750.00	3,703.98	3,745.98	3,697.95	16.22	16.34	68.384	-92.57	-497.71	69.28	37.48	31.79	2.179			
3,800.00	3,752.95	3,795.98	3,746.86	16.49	16.61	68.378	-95.17	-507.73	69.92	37.61	32.31	2.164			
3,850.00	3,801.92	3,845.98	3,795.77	16.75	16.88	68.371	-97.77	-517.76	70.56	37.74	32.82	2.150			
3,900.00	3,850.88	3,895.97	3,844.68	17.02	17.15	68.364	-100.37	-527.78	71.21	37.87	33.34	2.136			
3,950.00	3,899.85	3,945.97	3,893.60	17.29	17.42	68.358	-102.98	-537.80	71.85	37.99	33.86	2.122			
4,000.00	3,948.82	3,995.96	3,942.51	17.55	17.69	68.351	-105.58	-547.82	72.49	38.12	34.37	2.109			
4,050.00	3,997.79	4,045.96	3,991.42	17.82	17.96	68.345	-108.18	-557.85	73.13	38.25	34.89	2.096			
4,100.00	4,046.76	4,095.96	4,040.33	18.08	18.23	68.339	-110.78	-567.87	73.78	38.37	35.41	2.084			
4,150.00	4,095.73	4,145.95	4,089.24	18.35	18.51	68.333	-113.38	-577.89	74.42	38.50	35.92	2.072			
4,200.00	4,144.70	4,195.95	4,138.15	18.62	18.78	68.327	-115.99	-587.92	75.06	38.62	36.44	2.060			
4,250.00	4,193.67	4,245.94	4,187.07	18.89	19.05	68.321	-118.59	-597.94	75.71	38.75	36.96	2.048			
4,300.00	4,242.64	4,295.94	4,235.98	19.15	19.32	68.315	-121.19	-607.96	76.35	38.87	37.48	2.037			
4,350.00	4,291.61	4,345.94	4,284.89	19.42	19.59	68.309	-123.79	-617.99	76.99	39.00	38.00	2.026			
4,400.00	4,340.58	4,395.93	4,333.80	19.69	19.86	68.304	-126.39	-628.01	77.63	39.12	38.51	2.016			
4,450.00	4,389.55	4,445.93	4,382.71	19.96	20.14	68.298	-129.00	-638.03	78.28	39.24	39.03	2.005			
4,500.00	4,438.51	4,495.92	4,431.62	20.22	20.41	68.293	-131.60	-648.06	78.92	39.37	39.55	1.995			
4,550.00	4,487.48	4,545.92	4,480.54	20.49	20.68	68.288	-134.20	-658.08	79.56	39.49	40.07	1.985			
4,600.00	4,536.45	4,595.91	4,529.45	20.76	20.95	68.282	-136.80	-668.10	80.21	39.61	40.59	1.976			
4,650.00	4,585.42	4,645.91	4,578.36	21.03	21.22	68.277	-139.41	-678.12	80.85	39.74	41.11	1.967			
4,700.00	4,634.39	4,695.91	4,627.27	21.30	21.50	68.272	-142.01	-688.15	81.49	39.86	41.63	1.957			
4,750.00	4,683.36	4,745.90	4,676.18	21.57	21.77	68.267	-144.61	-698.17	82.13	39.98	42.15	1.948			
4,800.00	4,732.33	4,795.90	4,725.10	21.83	22.04	68.262	-147.21	-708.19	82.78	40.10	42.67	1.940			
4,850.00	4,781.30	4,845.89	4,774.01	22.10	22.31	68.257	-149.81	-718.22	83.42	40.23	43.19	1.931			
4,900.00	4,830.27	4,895.89	4,822.92	22.37	22.59	68.253	-152.42	-728.24	84.06	40.35	43.72	1.923			
4,950.00	4,879.24	4,945.89	4,871.83	22.64	22.86	68.248	-155.02	-738.26	84.71	40.47	44.24	1.915			
5,000.00	4,928.21	4,995.88	4,920.74	22.91	23.13	68.243	-157.62	-748.29	85.35	40.59	44.76	1.907			
5,050.00	4,977.18	5,045.88	4,969.65	23.18	23.41	68.239	-160.22	-758.31	85.99	40.71	45.28	1.899			
5,100.00	5,026.14	5,095.87	5,018.57	23.45	23.68	68.234	-162.82	-768.33	86.63	40.83	45.80	1.892			
5,150.00	5,075.11	5,145.87	5,067.48	23.72	23.95	68.230	-165.43	-778.36	87.28	40.95	46.32	1.884			
5,200.00	5,124.08	5,195.86	5,116.39	23.98	24.23	68.226	-168.03	-788.38	87.92	41.08	46.84	1.877			
5,250.00	5,173.05	5,245.86	5,165.30	24.25	24.50	68.221	-170.63	-798.40	88.56	41.20	47.37	1.870			
5,300.00	5,222.02	5,295.86	5,214.21	24.52	24.77	68.217	-173.23	-808.42	89.21	41.32	47.89	1.863			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-8 - 3NH - OH - PERMIT														Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance				Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
5,350.00	5,270.99	5,345.85	5,263.12	24.79	25.05	68.213	-175.83	-818.45	89.85	41.44	48.41	1.856			
5,400.00	5,319.96	5,395.85	5,312.04	25.06	25.32	68.209	-178.44	-828.47	90.49	41.56	48.93	1.849			
5,450.00	5,368.93	5,445.84	5,360.95	25.33	25.60	68.205	-181.04	-838.49	91.13	41.68	49.46	1.843			
5,500.00	5,417.90	5,495.84	5,409.86	25.60	25.87	68.201	-183.64	-848.52	91.78	41.80	49.98	1.836			
5,550.00	5,466.87	5,545.84	5,458.77	25.87	26.14	68.197	-186.24	-858.54	92.42	41.92	50.50	1.830			
5,600.00	5,515.84	5,595.83	5,507.68	26.14	26.42	68.193	-188.85	-868.56	93.06	42.04	51.02	1.824			
5,650.00	5,564.81	5,645.83	5,556.59	26.41	26.69	68.189	-191.45	-878.59	93.71	42.16	51.55	1.818			
5,700.00	5,613.78	5,695.82	5,605.51	26.68	26.97	68.185	-194.05	-888.61	94.35	42.28	52.07	1.812			
5,750.00	5,662.74	5,745.82	5,654.42	26.95	27.24	68.182	-196.65	-898.63	94.99	42.40	52.59	1.806			
5,800.00	5,711.71	5,795.82	5,703.33	27.22	27.51	68.178	-199.25	-908.66	95.63	42.52	53.12	1.800			
5,850.00	5,760.68	5,845.81	5,752.24	27.49	27.79	68.174	-201.86	-918.68	96.28	42.64	53.64	1.795			
5,900.00	5,809.65	5,895.81	5,801.15	27.76	28.06	68.171	-204.46	-928.70	96.92	42.76	54.16	1.789			
5,950.00	5,858.62	5,945.80	5,850.06	28.03	28.34	68.167	-207.06	-938.73	97.56	42.88	54.69	1.784			
6,000.00	5,907.59	5,995.80	5,898.98	28.30	28.61	68.164	-209.66	-948.75	98.21	42.99	55.21	1.779			
6,050.00	5,956.56	6,045.79	5,947.89	28.57	28.89	68.160	-212.26	-958.77	98.85	43.11	55.73	1.774			
6,100.00	6,005.53	6,095.79	5,996.80	28.84	29.16	68.157	-214.87	-968.79	99.49	43.23	56.26	1.768			
6,150.00	6,054.50	6,145.79	6,045.71	29.11	29.44	68.154	-217.47	-978.82	100.13	43.35	56.78	1.763			
6,200.00	6,103.47	6,195.78	6,094.62	29.38	29.71	68.150	-220.07	-988.84	100.78	43.47	57.31	1.759			
6,250.00	6,152.44	6,245.78	6,143.53	29.65	29.98	68.147	-222.67	-998.86	101.42	43.59	57.83	1.754			
6,300.00	6,201.41	6,295.77	6,192.45	29.92	30.26	68.144	-225.28	-1,008.89	102.06	43.71	58.35	1.749			
6,350.00	6,250.37	6,345.77	6,241.36	30.19	30.53	68.141	-227.88	-1,018.91	102.71	43.83	58.88	1.744			
6,400.00	6,299.34	6,395.77	6,290.27	30.46	30.81	68.138	-230.48	-1,028.93	103.35	43.95	59.40	1.740			
6,450.00	6,348.31	6,445.76	6,339.18	30.73	31.08	68.135	-233.08	-1,038.96	103.99	44.06	59.93	1.735			
6,500.00	6,397.28	6,495.76	6,388.09	31.00	31.36	68.131	-235.68	-1,048.98	104.63	44.18	60.45	1.731			
6,550.00	6,446.25	6,545.75	6,437.00	31.28	31.63	68.128	-238.29	-1,059.00	105.28	44.30	60.98	1.727			
6,600.00	6,495.22	6,595.75	6,485.92	31.55	31.91	68.125	-240.89	-1,069.03	105.92	44.42	61.50	1.722			
6,650.00	6,544.19	6,645.74	6,534.83	31.82	32.18	68.122	-243.49	-1,079.05	106.56	44.54	62.02	1.718			
6,700.00	6,593.16	6,695.74	6,583.74	32.09	32.46	68.120	-246.09	-1,089.07	107.20	44.66	62.55	1.714			
6,750.00	6,642.13	6,745.74	6,632.65	32.36	32.73	68.117	-248.69	-1,099.09	107.85	44.77	63.07	1.710			
6,800.00	6,691.10	6,795.73	6,681.56	32.63	33.01	68.114	-251.30	-1,109.12	108.49	44.89	63.60	1.706			
6,850.00	6,740.07	6,845.73	6,730.47	32.90	33.28	68.111	-253.90	-1,119.14	109.13	45.01	64.12	1.702			
6,900.00	6,789.04	6,895.72	6,779.39	33.17	33.56	68.108	-256.50	-1,129.16	109.78	45.13	64.65	1.698			
6,950.00	6,838.01	6,945.72	6,828.30	33.44	33.83	68.105	-259.10	-1,139.19	110.42	45.25	65.17	1.694			
7,000.00	6,886.97	6,995.72	6,877.21	33.71	34.11	68.103	-261.71	-1,149.21	111.06	45.36	65.70	1.691			
7,050.00	6,935.94	7,045.71	6,926.12	33.98	34.38	68.100	-264.31	-1,159.23	111.70	45.48	66.22	1.687			
7,100.00	6,984.91	7,095.71	6,975.03	34.25	34.66	68.097	-266.91	-1,169.26	112.35	45.60	66.75	1.683			
7,150.00	7,033.88	7,145.70	7,023.94	34.52	34.93	68.095	-269.51	-1,179.28	112.99	45.72	67.27	1.680			
7,200.00	7,082.85	7,195.70	7,072.86	34.79	35.21	68.092	-272.11	-1,189.30	113.63	45.84	67.80	1.676			
7,250.00	7,131.82	7,245.70	7,121.77	35.07	35.48	68.090	-274.72	-1,199.33	114.28	45.95	68.32	1.673			
7,300.00	7,180.79	7,295.69	7,170.68	35.34	35.76	68.087	-277.32	-1,209.35	114.92	46.07	68.85	1.669			
7,350.00	7,229.76	7,345.69	7,219.59	35.61	36.03	68.085	-279.92	-1,219.37	115.56	46.19	69.37	1.666			
7,400.00	7,278.73	7,395.68	7,268.50	35.88	36.31	68.082	-282.52	-1,229.40	116.20	46.31	69.90	1.662			
7,450.00	7,327.70	7,445.68	7,317.41	36.15	36.59	68.080	-285.12	-1,239.42	116.85	46.42	70.42	1.659			
7,500.00	7,376.67	7,495.67	7,366.33	36.42	36.86	68.077	-287.73	-1,249.44	117.49	46.54	70.95	1.656			
7,550.00	7,425.64	7,545.67	7,415.24	36.69	37.14	68.075	-290.33	-1,259.46	118.13	46.66	71.47	1.653			
7,600.00	7,474.60	7,595.67	7,464.15	36.96	37.41	68.072	-292.93	-1,269.49	118.78	46.78	72.00	1.650			
7,650.00	7,523.57	7,645.66	7,513.06	37.23	37.69	68.070	-295.53	-1,279.51	119.42	46.89	72.52	1.647			
7,700.00	7,572.54	7,695.66	7,561.97	37.51	37.96	68.068	-298.13	-1,289.53	120.06	47.01	73.05	1.644			
7,750.00	7,621.51	7,745.65	7,610.88	37.78	38.24	68.065	-300.74	-1,299.56	120.70	47.13	73.58	1.641			
7,800.00	7,670.48	7,795.65	7,659.80	38.05	38.51	68.063	-303.34	-1,309.58	121.35	47.25	74.10	1.638			
7,850.00	7,719.45	7,845.65	7,708.71	38.32	38.79	68.061	-305.94	-1,319.60	121.99	47.36	74.63	1.635			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Offset Design MOHEE FED 0297-17-8 - 3NH - OH - PERMIT														Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance				Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Tooface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
7,900.00	7,768.42	7,895.64	7,757.62	38.59	39.06	68.059	-308.54	-1,329.63	122.63	47.48	75.15	1.632			
7,950.00	7,817.39	7,945.64	7,806.53	38.86	39.34	68.056	-311.15	-1,339.65	123.28	47.60	75.68	1.629			
8,000.00	7,866.36	7,995.63	7,855.44	39.13	39.62	68.054	-313.75	-1,349.67	123.92	47.72	76.20	1.626			
8,050.00	7,915.33	8,045.63	7,904.35	39.40	39.89	68.052	-316.35	-1,359.70	124.56	47.83	76.73	1.623			
8,100.00	7,964.30	8,095.63	7,953.27	39.68	40.17	68.050	-318.95	-1,369.72	125.20	47.95	77.26	1.621			
8,150.00	8,013.27	8,145.62	8,002.18	39.95	40.44	68.048	-321.55	-1,379.74	125.85	48.07	77.78	1.618			
8,200.00	8,062.23	8,195.62	8,051.09	40.22	40.72	68.046	-324.16	-1,389.76	126.49	48.18	78.31	1.615			
8,250.00	8,111.20	8,245.61	8,100.00	40.49	40.99	68.044	-326.76	-1,399.79	127.13	48.30	78.83	1.613			
8,300.00	8,160.17	8,295.61	8,148.91	40.76	41.27	68.042	-329.36	-1,409.81	127.78	48.42	79.36	1.610			
8,350.00	8,209.14	8,345.60	8,197.82	41.03	41.55	68.040	-331.96	-1,419.83	128.42	48.53	79.88	1.608			
8,400.00	8,258.11	8,395.60	8,246.74	41.30	41.82	68.038	-334.56	-1,429.86	129.06	48.65	80.41	1.605			
8,450.00	8,307.08	8,445.60	8,295.65	41.57	42.10	68.036	-337.17	-1,439.88	129.70	48.77	80.94	1.603			
8,500.00	8,356.05	8,495.59	8,344.56	41.85	42.37	68.034	-339.77	-1,449.90	130.35	48.89	81.46	1.600			
8,550.00	8,405.02	8,545.59	8,393.47	42.12	42.65	68.032	-342.37	-1,459.93	130.99	49.00	81.99	1.598			
8,600.00	8,453.99	8,595.58	8,442.38	42.39	42.92	68.030	-344.97	-1,469.95	131.63	49.12	82.51	1.595			
8,650.00	8,502.96	8,645.58	8,491.30	42.66	43.20	68.028	-347.58	-1,479.97	132.28	49.24	83.04	1.593			
8,700.00	8,551.93	8,695.58	8,540.21	42.93	43.48	68.026	-350.18	-1,490.00	132.92	49.35	83.57	1.591			
8,750.00	8,600.90	8,745.57	8,589.12	43.20	43.75	68.024	-352.78	-1,500.02	133.56	49.47	84.09	1.588			
8,800.00	8,649.87	8,795.57	8,638.03	43.47	44.03	68.022	-355.38	-1,510.04	134.20	49.59	84.62	1.586			
8,850.00	8,698.83	8,845.56	8,686.94	43.75	44.30	68.020	-357.98	-1,520.07	134.85	49.70	85.14	1.584			
8,900.00	8,747.80	8,895.56	8,735.85	44.02	44.58	68.019	-360.59	-1,530.09	135.49	49.82	85.67	1.582			
8,950.00	8,796.77	8,945.55	8,784.77	44.29	44.85	68.017	-363.19	-1,540.11	136.13	49.94	86.20	1.579			
9,000.00	8,845.74	8,995.55	8,833.68	44.56	45.13	68.015	-365.79	-1,550.13	136.78	50.05	86.72	1.577			
9,050.00	8,894.71	9,045.55	8,882.59	44.83	45.41	68.013	-368.39	-1,560.16	137.42	50.17	87.25	1.575			
9,100.00	8,943.68	9,095.54	8,931.50	45.10	45.68	68.011	-370.99	-1,570.18	138.06	50.29	87.77	1.573			
9,150.00	8,992.65	9,145.54	8,980.41	45.38	45.96	68.010	-373.60	-1,580.20	138.70	50.40	88.30	1.571			
9,200.00	9,041.62	9,195.53	9,029.32	45.65	46.23	68.008	-376.20	-1,590.23	139.35	50.52	88.83	1.569			
9,250.00	9,090.59	9,245.53	9,078.24	45.92	46.51	68.006	-378.80	-1,600.25	139.99	50.64	89.35	1.567			
9,300.00	9,139.56	9,295.53	9,127.15	46.19	46.79	68.005	-381.40	-1,610.27	140.63	50.75	89.88	1.565			
9,350.00	9,188.53	9,345.52	9,176.06	46.46	47.06	68.003	-384.01	-1,620.30	141.28	50.87	90.41	1.563			
9,400.00	9,237.50	9,395.52	9,224.97	46.73	47.34	68.001	-386.61	-1,630.32	141.92	50.99	90.93	1.561			
9,450.00	9,286.46	9,445.51	9,273.88	47.01	47.61	68.000	-389.21	-1,640.34	142.56	51.10	91.46	1.559			
9,500.00	9,335.43	9,495.51	9,322.79	47.28	47.89	67.998	-391.81	-1,650.37	143.20	51.22	91.99	1.557			
9,550.00	9,384.40	9,545.51	9,371.71	47.55	48.17	67.996	-394.41	-1,660.39	143.85	51.34	92.51	1.555			
9,600.00	9,433.37	9,595.50	9,420.62	47.82	48.44	67.995	-397.02	-1,670.41	144.49	51.45	93.04	1.553			
9,650.00	9,482.34	9,645.50	9,469.53	48.09	48.72	67.993	-399.62	-1,680.43	145.13	51.57	93.56	1.551			
9,700.00	9,531.31	9,695.49	9,518.44	48.36	48.99	67.992	-402.22	-1,690.46	145.78	51.69	94.09	1.549			
9,750.00	9,580.28	9,745.49	9,567.35	48.64	49.27	67.990	-404.82	-1,700.48	146.42	51.80	94.62	1.547			
9,800.00	9,629.25	9,795.48	9,616.26	48.91	49.55	67.988	-407.42	-1,710.50	147.06	51.92	95.14	1.546			
9,850.00	9,678.22	9,845.48	9,665.18	49.18	49.82	67.987	-410.03	-1,720.53	147.70	52.03	95.67	1.544			
9,900.00	9,727.19	9,895.48	9,714.09	49.45	50.10	67.985	-412.63	-1,730.55	148.35	52.15	96.20	1.542			
9,950.00	9,776.16	9,945.47	9,763.00	49.72	50.37	67.984	-415.23	-1,740.57	148.99	52.27	96.72	1.540			
10,000.00	9,825.13	9,995.47	9,811.91	49.99	50.65	67.982	-417.83	-1,750.60	149.63	52.38	97.25	1.539			
10,050.00	9,874.09	10,045.46	9,860.82	50.27	50.93	67.981	-420.43	-1,760.62	150.28	52.50	97.78	1.537			
10,100.00	9,923.06	10,095.46	9,909.73	50.54	51.20	67.979	-423.04	-1,770.64	150.92	52.62	98.30	1.535			
10,150.00	9,972.03	10,145.46	9,958.65	50.81	51.48	67.978	-425.64	-1,780.67	151.56	52.73	98.83	1.534			
10,200.00	10,021.00	10,195.45	10,007.56	51.08	51.75	67.977	-428.24	-1,790.69	152.20	52.85	99.36	1.532			
10,250.00	10,069.97	10,245.45	10,056.47	51.35	52.03	67.975	-430.84	-1,800.71	152.85	52.96	99.88	1.530			
10,300.00	10,118.94	10,295.44	10,105.38	51.62	52.31	67.974	-433.45	-1,810.73	153.49	53.08	100.41	1.529			
10,350.00	10,167.91	10,345.44	10,154.29	51.90	52.58	67.972	-436.05	-1,820.76	154.13	53.20	100.94	1.527			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



## Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

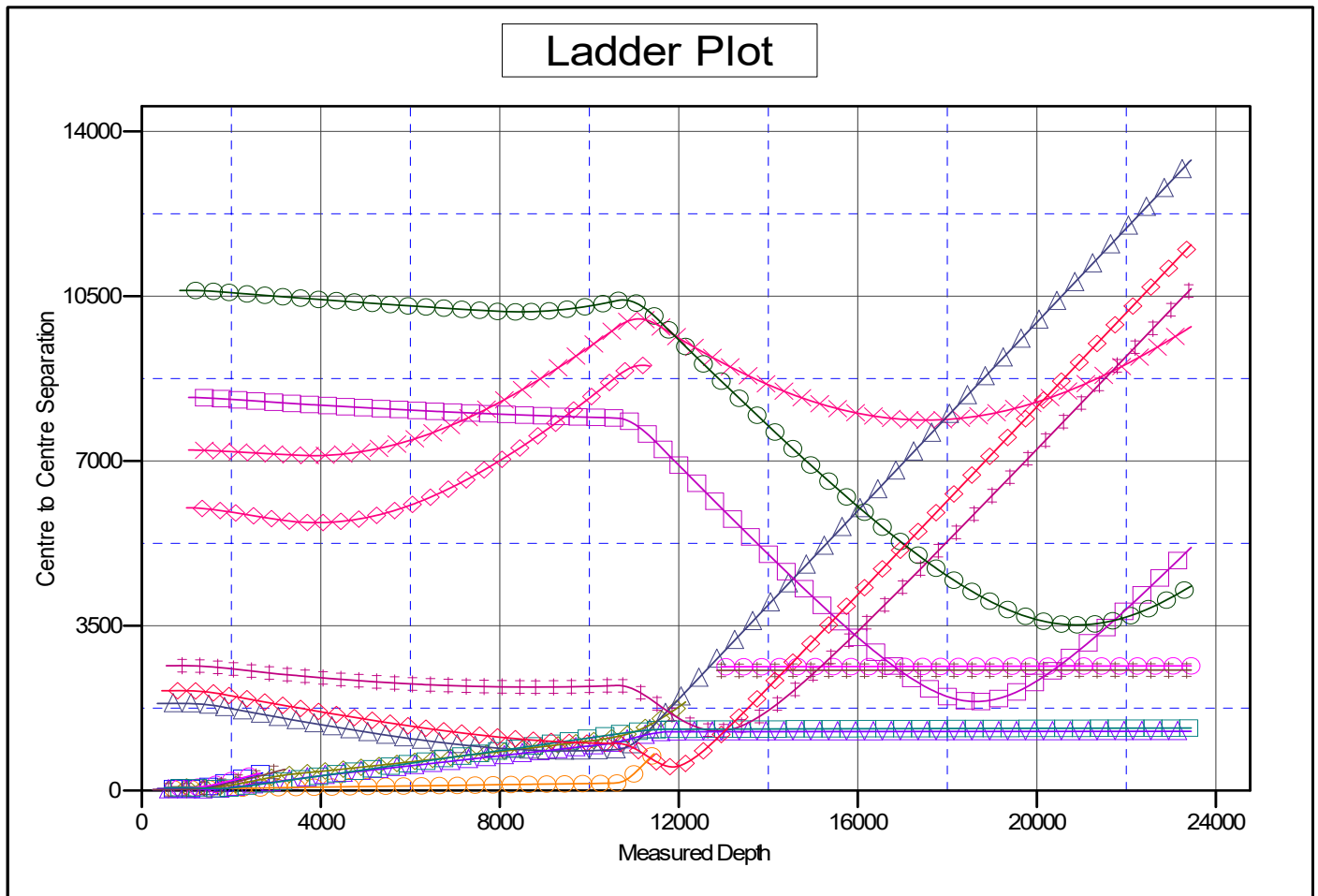
Offset Design MOHEE FED 0297-17-8 - 3NH - OH - PERMIT														Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IGRF														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
10,400.00	10,216.88	10,395.44	10,203.20	52.17	52.86	67.971	-438.65	-1,830.78	154.78	53.31	101.46	1.525			
10,450.00	10,265.85	10,445.43	10,252.12	52.44	53.13	67.970	-441.25	-1,840.80	155.42	53.43	101.99	1.524			
10,500.00	10,314.82	10,495.43	10,301.03	52.71	53.41	67.968	-443.85	-1,850.83	156.06	53.55	102.52	1.522			
10,550.00	10,363.79	10,543.92	10,348.47	52.98	53.68	67.981	-446.32	-1,860.54	156.75	53.71	103.04	1.521 SF			
10,600.00	10,412.76	10,585.94	10,389.66	53.25	53.90	68.492	-446.49	-1,868.81	159.13	55.47	103.66	1.535			
10,618.11	10,430.50	10,600.00	10,403.45	53.35	53.97	68.821	-445.90	-1,871.52	160.62	56.70	103.92	1.546			
10,650.00	10,461.64	10,627.31	10,430.17	53.53	54.10	81.462	-443.81	-1,876.69	164.64	60.31	104.34	1.578			
10,700.00	10,509.99	10,666.79	10,468.63	53.83	54.27	96.438	-438.63	-1,883.94	175.60	70.82	104.78	1.676			
10,750.00	10,557.44	10,700.00	10,500.70	54.14	54.41	106.688	-432.30	-1,889.80	192.47	87.78	104.69	1.838			
10,800.00	10,603.67	10,736.00	10,535.04	54.47	54.54	114.542	-423.43	-1,895.91	215.18	111.08	104.10	2.067			
10,850.00	10,648.37	10,764.51	10,561.86	54.81	54.63	119.785	-414.95	-1,900.54	243.53	140.78	102.75	2.370			
10,900.00	10,691.23	10,788.66	10,584.27	55.17	54.71	123.128	-406.77	-1,904.31	276.89	176.08	100.81	2.747			
10,950.00	10,731.95	10,808.56	10,602.49	55.53	54.76	124.737	-399.35	-1,907.31	314.52	216.08	98.44	3.195			
11,000.00	10,770.26	10,824.41	10,616.83	55.91	54.80	124.574	-393.01	-1,909.62	355.65	259.74	95.91	3.708			
11,050.00	10,805.89	10,836.55	10,627.71	56.29	54.84	122.346	-387.90	-1,911.36	399.52	305.95	93.57	4.270			
11,100.00	10,838.59	10,850.00	10,639.64	56.68	54.87	118.559	-381.98	-1,913.23	445.51	353.77	91.74	4.856			
11,150.00	10,868.14	10,850.00	10,639.64	57.08	54.87	107.988	-381.98	-1,913.23	492.88	401.34	91.55	5.384			
11,200.00	10,894.34	10,850.00	10,639.64	57.48	54.87	91.730	-381.98	-1,913.23	541.27	449.76	91.51	5.915			
11,250.00	10,917.01	10,850.00	10,639.64	57.89	54.87	70.502	-381.98	-1,913.23	590.13	502.82	87.31	6.759			
11,300.00	10,935.99	10,850.00	10,639.64	58.31	54.87	49.629	-381.98	-1,913.23	639.05	562.58	76.48	8.356			
11,350.00	10,951.16	10,850.00	10,639.64	58.73	54.87	33.832	-381.98	-1,913.23	687.73	624.17	63.56	10.820			
11,400.00	10,962.40	10,850.00	10,639.64	59.15	54.87	23.190	-381.98	-1,913.23	735.92	683.52	52.40	14.044			
11,450.00	10,969.64	10,850.00	10,639.64	59.57	54.87	16.066	-381.98	-1,913.23	783.39	739.68	43.71	17.923			



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Reference Depths are relative to RKB = 27.5 @ 6018.90usft (TBD)      Coordinates are relative to: 14NH - Slot Mohee Fed 0297-17-29-14NH  
 Offset Depths are relative to Offset Datum      Coordinate System is US State Plane 1983, Colorado Northern Zone  
 Central Meridian is -105.5000000      Grid Convergence at Surface is: -1.808°



### LEGEND

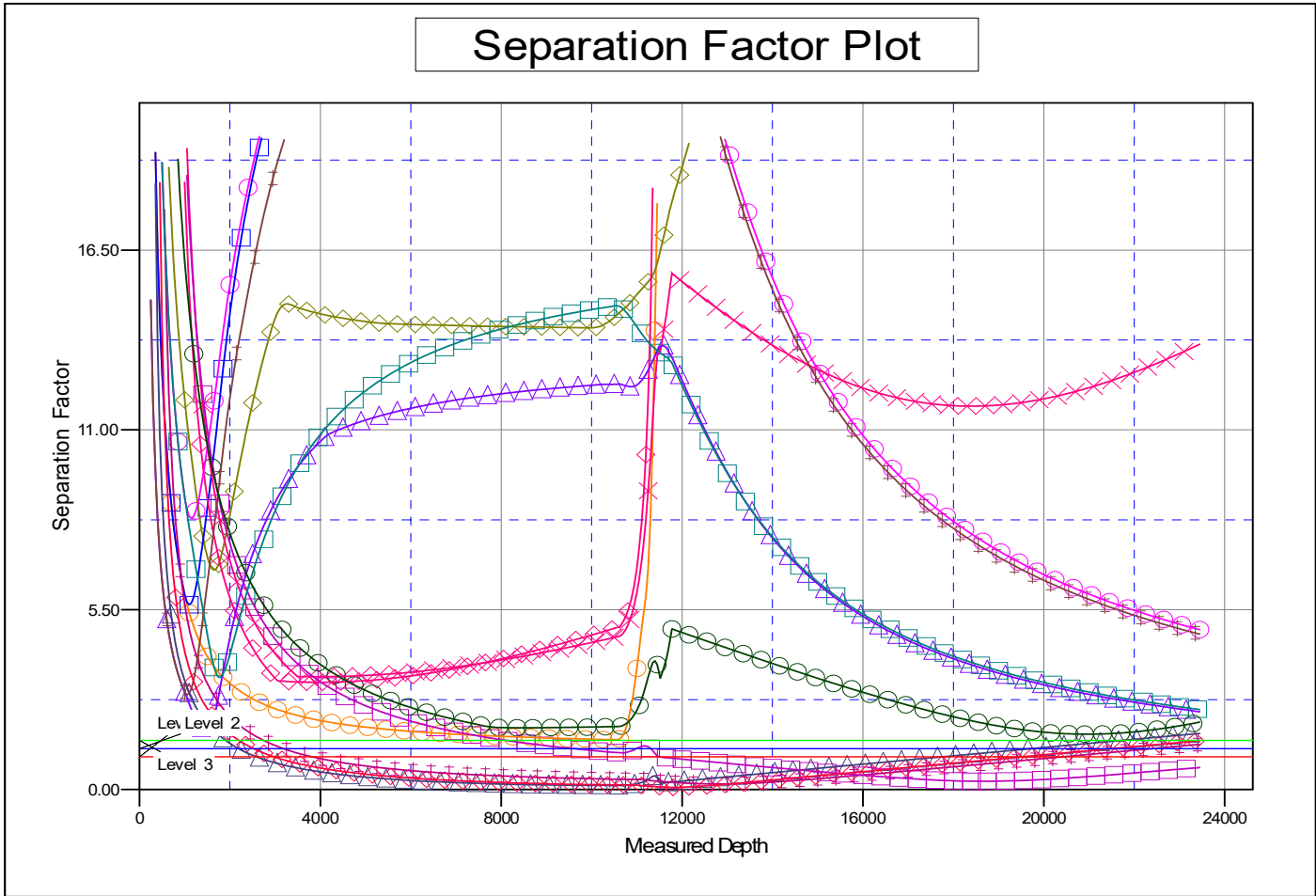
- ▲ OFFSET: LLOYD-FEDERAL #22-X-17, Wellbore #1, Wellbore #1 V0
- 16NH, OH, PERMIT V0
- ◆ OFFSET: CCLOROW UNIT #1, Wellbore #1, Wellbore #1 V0
- ▲ 15WNH, OH, PERMIT V0
- ◆ 16WNH, OH, PERMIT V0
- OFFSET: PARKER UNIT #1A-20, Wellbore #1, Wellbore #1 V0
- 15NH, OH, PERMIT V0
- OFFSET: FEDERAL #7-29 (OWP), Wellbore #1, Wellbore #1 V0
- ◆ OFFSET: CCLOROW DEEP UNIT-CO



# Anticollision Report

<b>Company:</b>	ANSCHUTZ EXPLORATION CORP.	<b>Local Co-ordinate Reference:</b>	Well 14NH - Slot Mohee Fed 0297-17-29-14NH
<b>Project:</b>	RIO BLANCO COUNTY, COLORADO (NAD-83)	<b>TVD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Reference Site:</b>	MOHEE FED 0297-17-29	<b>MD Reference:</b>	RKB = 27.5 @ 6018.90usft (TBD)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	14NH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.1.13 Single User Db
<b>Reference Design:</b>	PERMIT	<b>Offset TVD Reference:</b>	Reference Datum

Reference Depths are relative to RKB = 27.5 @ 6018.90usft (TBD)      Coordinates are relative to: 14NH - Slot Mohee Fed 0297-17-29-14NH  
 Offset Depths are relative to Offset Datum      Coordinate System is US State Plane 1983, Colorado Northern Zone  
 Central Meridian is -105.5000000      Grid Convergence at Surface is: -1.808°



### LEGEND

- V0
- #20-2, Wellbore #1, Wellbore #1 V0
- 20 Wellbore #1, Wellbore #1 V0
- ▲ OFFSET: LLOYD-FEDERAL #22-X-17, Wellbore #1, Wellbore #1 V0
- 16NH, OH, PERMIT V0
- ✕ OFFSET: CCLOROW UNIT #1, Wellbore #1, Wellbore #1 V0
- ▲ 15WNH, OH, PERMIT V0
- OFFSET: FEDERAL #7-29 (OWP), Wellbore #1, Wellbore #1 V0
- ✕ 16WNH, OH, PERMIT V0
- OFFSET: PARKER UNIT #1A-20, Wellbore #1, Wellbore #1 V0
- 15NH, OH, PERMIT V0
- ◆ OFFSET: CCLOROW DEEP UNIT #1, Wellbore #1, Wellbore #1 V0