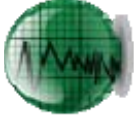




Weatherford[®]



END OF WELL REPORT

FINAL SURVEYS

SECTION 1

DAILY ACTIVITIES

SECTION 2

BHA REPORTS

SECTION 3

MOTOR REPORTS

SECTION 4

SLIDE SHEET REPORTS

SECTION 5



Weatherford®

Weatherford
2000 Oil Drive
Casper, WY 82604

Survey Certification

Operating Company:	BONANZA CREEK
Well Name:	ANTELOPE Y44-U41-18HNC
State:	CO
County:	WELD
API Number:	
Datum:	NAD 83
Survey Calculation Method:	Minimum Curvature
North Reference:	True North

I, Matt Maydew, hereby certify the attached
directional survey run from the measure depth of 500.00 feet
to the measured depth of 11,060.00 feet as accurate and true
to the best of my knowledge.

Signature

20-Mar-14

Date

Matt Maydew
Directional Planning
Weatherford - Rockies District



FINAL SURVEYS



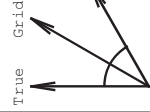


Weatherford®

Survey Point Information:

Dogleg Severity Unit:	°/100.00ft	Position offsets from Slot centre							
MD Inc	Az	TVD	+N/-S	+E/-W	VSec	DLS Toolface	Build	Turn	
(USft)	(°)	(USft)	(USft)	(USft)	(USft)	(°)	(DLSU)	(DLSU)	
11060.00	91.26	2.36	6407.39	4158.25	1110.35	0.50	282.7	0.11	-0.49
11127.00	91.26	2.36	6405.92	4225.18	1113.11	0.00	0.0	0.00	0.00

Grid Convergence: 0.74°
Mag Declination: 8.32°
Bearing:
True = Mag + 8.32°
Grid = True - 0.74°



Survey Data for ANTELOPE Y44-U41-18HNC

Field: COLORADO NORTH ZONE NAD83
Map Unit: USFT
Projected Coordinate System: NAD83 / Colorado North (ftUS)

Site: ANTELOPE T-18 PAD

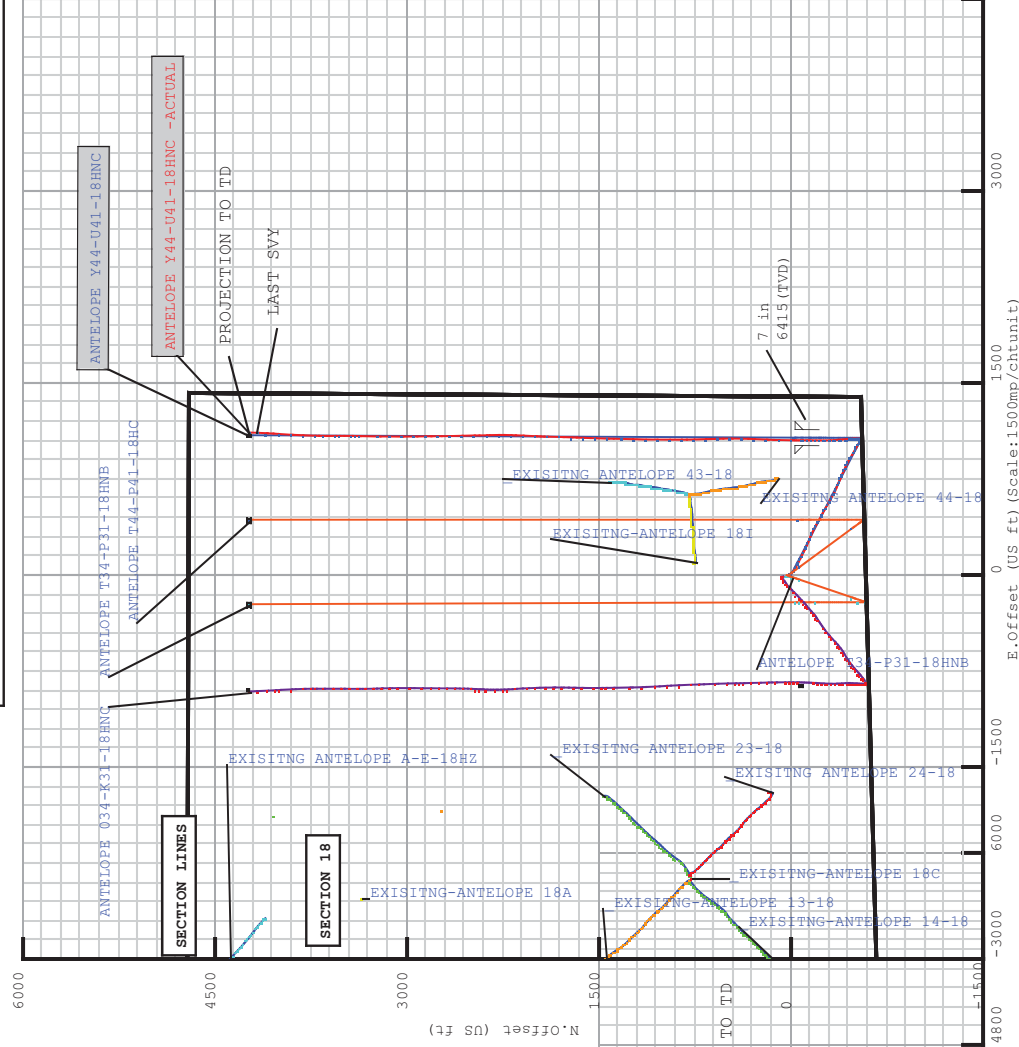
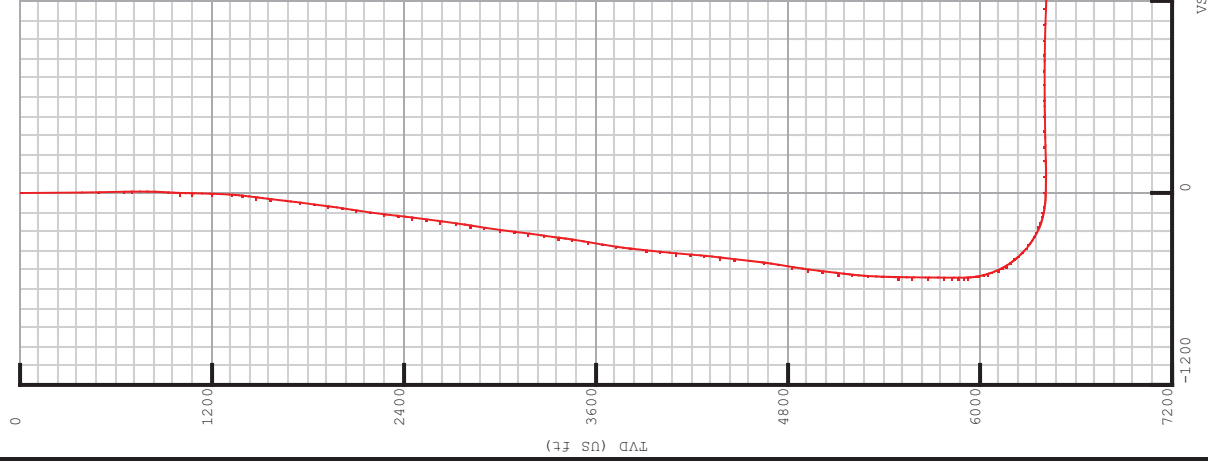
Unit: USFeet
Company Name:
Position:
Northing: 1388373.58USft
Easting: 3317081.59USft
North Reference: True
Elevation Above VRD: 0.00USft
TVD Reference:
Latitude: 40.393900°
Longitude: -104.361580°
Grid Convergence: 0.74°

Slot: ANTELOPE Y44-U41-18HNC

Position:
Offset is from Site centre
+N/-S: -58.29USft
Northing: 1388315.37USft
+E/-W: 5.56USft
Easting: 3317087.90USft
Elevation Above VRD: 4634.00USft
Latitude: 40.393740°
Longitude: -104.361560°

Well: ANTELOPE Y44-U41-18HNC

Type: Main-Well
File Number:
Vertical Section: Position offset of origin from Slot centre:
+N/-S: 0.00USft
+E/-W: 0.00USft
Azimuth: 90.00°
Magnetic Parameters:
Model: Field Strength: Declination: Dip: Date:
BGM 52844(nT) 8.32° 67.00° 2014-02-24



5D Survey Report

Field Name: COLORADO_NORTH_ZONE_NAD83
Site Name: ANTELOPE T-18 PAD
Well Name: ANTELOPE Y44-U41 -18HNC
Survey: Definitive Survey



DEFINITIVE SURVEYS FOR THE ANTELOPE Y44-U41-18HNC

Site Name ANTELOPE T-18 PAD	Units : US ft	North Reference : True		Convergence Angle : 0.74
	Position	Northing : 1388373.58	US ft	Latitude : 40.393900
		Easting : 3317081.59	US ft	Longitude : -104.361580
	Elevation above:0.00 US ft	Comment :		

Slot Name ANTELOPE Y44-U41-18HNC	Position (Offsets relative to Site Centre)			
	+N / -S : -58.29 US ft	Northing : 1388315.37 US ft	Latitude : 40.393740	
	+E / -W : 5.56 US ft	Easting : 3317087.90 US ft	Longitude : -104.361560	
	Slot TVD Reference : Ground Elevation			
	Elevation above : 4634.00 US ft			
Comment :				

Well Name

ANTELOPE Y44-U41-
18HNC

Type : Main well

Rig Height *Drill Floor* : 16.50 US ft
Relative to : 4650.50 US ft
Closure Distance : 4369.34 US ft
Vertical Section (Position of Origin Relative to Slot)
+N / -S : 0.00 US ft
+E / -W : 0.00 US ft
Az : 0.74°
UWI :
Comment :
Closure Azimuth : 14.759°

Survey Name : Definitive Survey			
Date : 23/May/2014		Survey Tool :	Company :
Magnetic Model			
Model Name: BGGM		Date: 24/Feb/2014	Field Strength: 52844.3 nT Declination: 8.32° Dip: 67.00°
Survey Tool Ranges			
Name	Start MD (us ft)	End MD (us ft)	Source Survey
MWD	0.00	11127.00	WFT MWD SURVEYS

Well path created using minimum curvature[illegible]

5D Survey Report

Survey Points (Relative to centre, TVD relative to Drill Floor)																	
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	Latitude (°)	Longitude (°)	DLS (°/100 US ft)	T. Face (°)	CL (US ft)	VS (US ft)	High to Plan (US ft)	Right to Plan (US ft)	Comment			
16.00	0.00	0.00	16.00	0.00	0.00	40.393740	-104.361560	0.00	0.00	16.00	0.00	0.00	0.00				
500.00	1.30	25.32	499.96	4.96	2.35	40.393754	-104.361552	0.27	25.32	484.00	4.99	5.85	0.00				
654.00	1.20	34.36	653.92	7.87	4.01	40.393762	-104.361546	0.14	121.36	154.00	7.92	4.94	1.14				
701.00	1.33	44.67	700.91	8.67	4.67	40.393764	-104.361543	0.56	65.49	47.00	8.73	6.83	2.77				
930.00	3.68	185.67	929.78	3.24	5.81	40.393749	-104.361539	2.09	151.05	229.00	3.32	63.47	5.46				
1008.00	1.31	163.40	1007.70	-0.10	5.82	40.393740	-104.361539	3.23	191.38	78.00	-0.03	21.28	5.54				
1085.00	3.27	111.36	1084.64	-1.75	8.11	40.393735	-104.361531	3.47	285.24	77.00	-1.64	53.69	1.33				
1209.00	5.57	109.86	1208.26	-5.08	17.07	40.393726	-104.361499	1.86	356.37	124.00	-4.86	99.58	1.02				
1332.00	6.06	133.00	1330.65	-11.54	27.43	40.393708	-104.361462	1.93	89.86	123.00	-11.18	112.70	10.27				
1394.00	9.36	132.06	1392.08	-17.15	33.57	40.393693	-104.361439	5.33	357.35	62.00	-16.71	190.48	9.76				
1487.00	11.68	129.27	1483.51	-28.18	46.48	40.393663	-104.361393	2.55	346.24	93.00	-27.57	247.63	7.61				
1579.00	13.71	120.91	1573.26	-39.67	63.04	40.393631	-104.361334	2.97	313.72	92.00	-38.86	300.53	-1.65				
1671.00	13.64	118.25	1662.66	-50.41	81.95	40.393602	-104.361266	0.69	262.36	92.00	-49.35	298.75	-5.61				
1764.00	16.66	116.30	1752.41	-61.51	103.57	40.393571	-104.361188	3.29	349.48	93.00	-60.16	387.34	-9.25				
1856.00	17.07	116.81	1840.46	-73.44	127.44	40.393538	-104.361102	0.47	20.09	92.00	-83.32	399.85	-8.07				
1949.00	17.27	114.38	1929.31	-85.30	152.20	40.393506	-104.361014	0.80	284.42	93.00	-83.32	406.77	-14.86				
2042.00	18.52	118.29	2017.81	-98.00	177.78	40.393471	-104.360922	1.86	45.74	93.00	-95.69	448.45	-2.03				
2134.00	19.78	115.94	2104.72	-111.73	204.65	40.393433	-104.360825	1.61	327.43	92.00	-109.08	493.10	-10.96				
2226.00	19.14	114.88	2191.47	-124.88	232.33	40.393397	-104.360726	0.79	208.39	92.00	-121.87	469.78	-15.55				
2319.00	18.65	111.70	2279.46	-136.80	259.98	40.393364	-104.360627	1.23	243.06	93.00	-133.43	452.15	-30.98				
2411.00	17.73	109.34	2366.86	-146.88	286.86	40.393337	-104.360530	1.28	217.57	92.00	-143.16	416.63	-43.59				
2504.00	17.61	116.40	2455.48	-157.82	312.83	40.393307	-104.360437	2.31	96.56	93.00	-153.77	408.91	-2.27				
2597.00	17.02	113.89	2544.27	-169.59	337.87	40.393274	-104.360347	1.02	230.51	93.00	-165.21	383.65	-18.23				
2693.00	16.94	118.50	2636.09	-181.95	363.01	40.393205	-104.360257	1.40	95.60	96.00	-177.25	379.84	13.31				
2789.00	16.70	117.28	2727.98	-194.95	387.56	40.393205	-104.360169	0.44	235.21	96.00	-189.93	368.40	4.37				
2884.00	17.58	122.34	2818.77	-208.88	411.82	40.393167	-104.360082	1.82	61.89	95.00	-203.55	413.16	43.82				
2980.00	17.23	119.30	2910.37	-223.60	436.47	40.393126	-104.359993	1.01	247.50	96.00	-217.94	394.02	18.61				
3076.00	16.37	117.61	3002.28	-236.82	460.85	40.393090	-104.359905	1.03	208.79	96.00	-230.85	349.03	3.73				
3170.00	15.65	116.73	3092.63	-248.67	483.92	40.393057	-104.359823	0.81	198.21	94.00	-242.39	310.39	-4.43				
3266.00	15.25	119.72	3185.16	-260.75	506.45	40.393024	-104.359742	0.93	118.10	96.00	-254.19	288.74	24.63				
3361.00	16.49	120.40	3276.54	-273.77	528.93	40.392988	-104.359661	1.32	8.86	95.00	-266.91	359.76	31.53				
3456.00	15.16	118.43	3367.94	-286.50	551.48	40.392954	-104.359580	1.51	201.05	95.00	-279.36	281.02	10.60				
3552.00	17.41	120.27	3460.08	-299.72	574.93	40.392917	-104.359496	2.40	13.80	96.00	-292.27	417.33	30.95				
3648.00	18.87	119.73	3551.31	-314.66	600.81	40.392876	-104.359403	1.53	353.17	96.00	-306.87	507.22	24.71				
3744.00	19.90	119.56	3641.86	-330.42	628.51	40.392833	-104.359304	1.07	356.78	96.00	-322.27	572.29	22.65				
3840.00	19.13	115.13	3732.35	-345.16	656.96	40.392793	-104.359201	1.74	240.44	96.00	-336.65	522.72	-33.50				
3935.00	16.92	112.30	3822.69	-357.02	683.85	40.392760	-104.359105	2.50	200.27	95.00	-348.16	377.62	-70.83				
4031.00	16.23	112.78	3914.70	-367.51	709.14	40.392731	-104.359014	0.73	169.01	96.00	-358.32	329.73	-64.27				
4127.00	15.15	111.99	4007.12	-377.41	733.14	40.392704	-104.358928	1.15	190.81	96.00	-367.91	254.66	-75.43				
4223.00	13.44	113.43	4100.14	-386.54	755.01	40.392679	-104.358849	1.82	168.95	96.00	-376.76	129.70	-54.45				
4320.00	12.56	111.33	4194.66	-394.86	775.18	40.392656	-104.358777	1.03	207.21	97.00	-384.81	67.19	-85.85				

5D Survey Report

Survey Points (Relative to centre, TVD relative to Drill Floor)																	
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	Latitude (°)	Longitude (°)	DLS (°/100 US ft)	T. Face (°)	CL (US ft)	VS (US ft)	High to Plan (US ft)	Right to Plan (US ft)	Comment			
4415.00	13.90	114.83	4287.13	-403.41	795.16	40.392633	-104.358705	1.64	32.58	95.00	-393.11	164.93	-32.21				
4510.00	16.23	115.51	4378.86	-413.92	817.50	40.392604	-104.358625	2.46	4.67	95.00	-403.33	344.31	-21.49				
4605.00	15.41	115.30	4470.26	-425.03	840.90	40.392573	-104.358541	0.87	183.89	95.00	-414.14	279.84	-24.90				
4701.00	15.94	113.31	4562.69	-435.70	864.53	40.392544	-104.358456	0.79	313.63	96.00	-424.50	323.84	-58.03				
4796.00	16.21	117.47	4653.98	-446.98	888.28	40.392513	-104.358371	1.25	78.81	95.00	-435.47	344.42	13.17				
4892.00	17.74	122.74	4745.80	-461.07	912.47	40.392474	-104.358284	2.26	47.70	96.00	-449.25	477.52	105.67				
4987.00	17.38	121.71	4836.38	-476.36	936.72	40.392432	-104.358197	0.50	220.31	95.00	-464.22	445.21	87.11				
5083.00	15.87	119.15	4928.36	-490.29	960.38	40.392394	-104.358112	1.75	204.65	96.00	-477.84	311.20	39.61				
5179.00	14.63	116.60	5020.98	-502.11	982.69	40.392362	-104.358032	1.47	207.18	96.00	-489.38	200.46	-8.96				
5274.00	12.74	122.74	5113.28	-513.15	1002.23	40.392331	-104.357962	2.51	145.41	95.00	-500.16	34.67	110.41				
5369.00	10.32	127.46	5206.36	-523.99	1017.80	40.392302	-104.357906	2.73	161.00	95.00	-510.80	-175.68	203.10				
5466.00	8.72	114.39	5302.03	-532.31	1031.39	40.392279	-104.357857	2.76	227.17	97.00	-518.95	-341.94	-58.90				
5562.00	7.23	105.99	5397.11	-536.98	1043.83	40.392266	-104.357813	1.97	213.92	96.00	-523.46	-462.97	-228.66				
5656.00	4.74	100.28	5490.59	-539.31	1053.34	40.392260	-104.357778	2.72	190.62	94.00	-525.66	-675.09	-342.67				
5752.00	3.01	107.77	5586.37	-540.78	1059.64	40.392255	-104.357756	1.87	167.41	96.00	-527.05	-879.17	-191.58				
5847.00	1.73	104.70	5681.28	-541.91	1063.40	40.392252	-104.357742	1.35	184.13	95.00	-528.13	-994.06	-254.32				
5942.00	0.36	176.35	5776.27	-542.57	1064.81	40.392251	-104.357737	1.74	168.06	95.00	-528.77	-572.95	1028.11				
6003.00	0.31	215.91	5837.27	-542.89	1064.72	40.392250	-104.357738	0.38	121.50	61.00	-529.10	216.34	1180.78				
6035.00	0.25	225.51	5869.26	-543.01	1064.62	40.392249	-104.357738	0.24	146.71	32.00	-529.22	404.54	1133.44				
6067.00	0.63	347.96	5901.26	-542.89	1064.54	40.392250	-104.357738	2.48	137.88	32.00	-529.10	817.85	-927.88				
6098.00	3.82	357.84	5932.24	-541.69	1064.46	40.392253	-104.357738	10.33	11.81	31.00	-527.90	975.35	-1043.29				
6130.00	7.35	2.81	5964.08	-538.58	1064.52	40.392262	-104.357738	11.12	10.28	32.00	-524.79	1244.74	-1089.65				
6162.00	11.16	2.85	5995.66	-533.44	1064.78	40.392276	-104.357737	11.91	0.12	32.00	-519.65	1631.22	-1089.98				
6194.00	14.91	2.89	6026.83	-526.23	1065.14	40.392295	-104.357736	11.72	0.16	32.00	-512.43	2006.69	-1090.32				
6226.00	18.26	3.38	6057.49	-517.12	1065.64	40.392320	-104.357734	10.48	2.63	32.00	-503.31	2328.55	-1094.28				
6257.00	21.29	2.08	6086.66	-506.64	1066.13	40.392349	-104.357732	9.88	351.13	31.00	-492.83	2645.70	-1083.82				
6289.00	24.70	358.59	6116.12	-494.15	1066.18	40.392383	-104.357732	11.47	336.59	32.00	-480.34	3028.36	-1053.70				
6320.00	28.40	355.91	6143.84	-480.31	1065.49	40.392421	-104.357735	12.54	340.85	31.00	-466.51	3410.44	-1028.52				
6352.00	32.85	354.84	6171.37	-464.07	1064.17	40.392466	-104.357740	14.01	352.55	32.00	-450.29	3816.30	-1018.12				
6385.00	36.29	354.61	6198.54	-445.43	1062.45	40.392517	-104.357746	10.43	357.73	33.00	-431.67	4106.63	-1015.91				
6417.00	40.02	355.19	6223.70	-425.74	1060.69	40.392571	-104.357752	11.71	5.72	32.00	-412.01	4395.19	-1021.26				
6449.00	43.40	355.32	6247.59	-404.52	1058.93	40.392630	-104.357758	10.57	1.51	32.00	-390.81	4648.35	-1022.40				
6481.00	46.38	355.64	6270.25	-382.01	1057.16	40.392691	-104.357765	9.34	4.45	32.00	-368.33	4857.45	-1025.05				
6513.00	49.93	355.47	6291.60	-358.25	1055.31	40.392757	-104.357771	11.10	357.90	32.00	-344.59	5098.25	-1023.72				
6545.00	54.00	356.11	6311.31	-333.12	1053.46	40.392826	-104.357778	12.82	7.26	32.00	-319.49	5343.32	-1028.44				
6577.00	57.66	358.96	6329.28	-306.68	1052.34	40.392898	-104.357782	13.60	33.60	32.00	-293.06	5521.78	-1046.60				
6609.00	60.16	359.58	6345.81	-279.28	1051.99	40.392973	-104.357783	7.99	12.15	32.00	-265.67	5647.26	-1049.91				
6640.00	62.97	0.24	6360.57	-252.02	1051.95	40.393048	-104.357783	9.26	11.83	31.00	-238.41	5778.32	-1053.00				
6672.00	68.27	0.22	6373.77	-222.88	1052.07	40.393128	-104.357783	16.56	359.80	32.00	-209.28	6001.87	-1052.91				
6704.00	73.15	0.02	6384.34	-192.69	1052.13	40.393211	-104.357783	15.26	357.75	32.00	-179.09	6165.99	-1052.20				
6735.00	76.52	359.98	6392.45	-162.77	1052.13	40.393293	-104.357783	10.87	359.34	31.00	-149.17	6254.37	-1052.07				

5D Survey Report

Survey Points (Relative to centre, TVD relative to Drill Floor)														
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Latitude (°)	Longitude (°)	DLS (°/100 US ft)	T.Face (°)	CL (US ft)	VS (US ft)	High to Plan (US ft)	Right to Plan (US ft)	Comment
6767.00	78.73	0.26	6399.30	-131.52	1052.19	40.393379	-104.357782	6.96	7.09	32.00	-117.92	6300.68	-1052.78	
6799.00	82.21	0.06	6404.60	-99.97	1052.28	40.393466	-104.357782	10.89	356.74	32.00	-86.37	6358.90	-1052.39	
6808.00	83.64	359.65	6405.71	-91.04	1052.26	40.393490	-104.357782	16.52	344.09	9.00	-77.44	6377.08	-1051.68	
6896.00	88.95	0.73	6411.39	-3.25	1052.55	40.393731	-104.357781	6.16	11.51	88.00	10.34	6410.13	-1052.51	
6991.00	89.79	1.13	6412.44	91.73	1054.10	40.393992	-104.357776	0.98	25.46	95.00	105.33	6411.98	-1052.08	
7087.00	91.40	2.77	6411.44	187.66	1057.36	40.394255	-104.357764	2.39	45.52	96.00	201.30	6415.36	-1047.06	
7183.00	91.61	2.57	6408.92	283.52	1061.83	40.394518	-104.357748	0.30	316.41	96.00	297.21	6415.69	-1048.05	
7275.00	90.70	0.96	6407.07	375.46	1064.66	40.394771	-104.357738	2.01	240.54	92.00	389.18	6411.39	-1058.22	
7371.00	91.12	359.86	6405.54	471.44	1065.35	40.395034	-104.357735	1.23	290.91	96.00	485.16	6413.48	-1066.50	
7465.00	90.14	358.55	6404.51	565.42	1064.05	40.395292	-104.357740	1.74	233.21	94.00	579.12	6405.80	-1078.01	
7561.00	90.49	358.26	6403.98	661.38	1061.38	40.395555	-104.357749	0.47	320.36	96.00	675.04	6409.12	-1080.97	
7657.00	89.44	358.38	6404.04	757.34	1058.56	40.395819	-104.357759	1.10	173.48	96.00	770.95	6396.63	-1079.55	
7752.00	89.65	0.08	6404.79	852.33	1057.28	40.396080	-104.357764	1.80	82.97	95.00	865.91	6399.46	-1056.09	
7848.00	88.60	0.35	6406.26	948.31	1057.64	40.396343	-104.357763	1.13	165.58	96.00	961.89	6381.02	-1051.83	
7943.00	87.91	0.10	6409.15	1043.27	1058.02	40.396604	-104.357761	0.77	199.90	95.00	1056.85	6366.77	-1056.19	
8037.00	88.25	1.16	6412.30	1137.21	1059.05	40.396862	-104.357758	1.18	72.23	94.00	1150.79	6373.93	-1035.81	
8133.00	88.04	1.21	6415.41	1233.14	1061.03	40.397125	-104.357750	0.22	166.62	96.00	1246.74	6368.72	-1034.76	
8228.00	88.67	1.22	6418.14	1328.08	1063.05	40.397386	-104.357743	0.66	0.91	95.00	1341.69	6385.06	-1034.53	
8324.00	90.35	1.43	6418.96	1424.04	1065.27	40.397649	-104.357735	1.76	7.13	96.00	1437.68	6427.70	-1029.40	
8420.00	90.28	1.77	6418.43	1520.00	1067.95	40.397912	-104.357726	0.36	101.63	96.00	1533.67	6425.94	-1020.49	
8514.00	92.24	2.45	6416.36	1613.91	1071.41	40.398170	-104.357713	2.21	19.12	94.00	1627.62	6476.27	-1001.44	
8608.00	90.70	2.11	6413.95	1707.80	1075.15	40.398428	-104.357700	1.68	192.45	94.00	1721.55	6434.81	-1011.54	
8704.00	91.95	1.45	6411.73	1803.73	1078.13	40.398691	-104.357689	1.47	332.18	96.00	1817.50	6470.30	-1032.14	
8799.00	92.10	1.38	6408.37	1898.64	1080.47	40.398952	-104.357681	0.17	335.00	95.00	1912.44	6474.58	-1034.43	
8894.00	89.30	3.31	6407.21	1993.54	1084.36	40.399212	-104.357667	3.58	145.41	95.00	2007.38	6381.66	-967.45	
8990.00	88.88	2.51	6408.74	2089.40	1089.23	40.399475	-104.357649	0.94	242.29	96.00	2103.30	6365.78	-996.68	
9085.00	90.07	1.47	6409.61	2184.34	1092.53	40.399736	-104.357637	1.66	318.84	95.00	2198.27	6412.31	-1036.13	
9180.00	89.93	359.77	6409.61	2279.33	1093.56	40.399997	-104.357634	1.80	265.29	95.00	2293.26	6406.82	-1102.70	
9275.00	89.93	358.51	6409.72	2374.32	1092.13	40.400257	-104.357639	1.33	270.00	95.00	2388.23	6406.85	-1153.50	
9371.00	91.54	358.73	6408.49	2470.28	1089.82	40.400521	-104.357647	1.69	7.78	96.00	2484.15	6471.90	-1144.30	
9466.00	91.19	358.95	6406.23	2565.23	1087.90	40.400782	-104.357654	0.44	147.85	95.00	2579.07	6457.70	-1134.72	
9562.00	91.89	358.51	6403.65	2661.17	1085.77	40.401045	-104.357661	0.86	327.86	96.00	2674.97	6486.97	-1154.60	
9658.00	91.12	359.70	6401.13	2757.13	1084.27	40.401308	-104.357667	1.48	122.90	96.00	2770.90	6453.69	-1098.69	
9753.00	89.44	359.01	6400.66	2852.12	1083.20	40.401569	-104.357671	1.91	202.33	95.00	2865.87	6372.67	-1132.32	
9848.00	88.04	359.28	6402.75	2947.08	1081.79	40.401830	-104.357676	1.50	169.09	95.00	2960.80	6298.68	-1118.73	
9944.00	88.81	0.16	6405.39	3043.04	1081.32	40.402093	-104.357677	1.22	48.82	96.00	3056.75	6340.75	-1072.81	
10039.00	88.04	0.14	6408.00	3138.00	1081.57	40.402354	-104.357676	0.81	181.49	95.00	3151.71	6296.84	-1073.89	
10135.00	89.09	1.08	6410.41	3233.97	1082.59	40.402617	-104.357673	1.47	41.84	96.00	3247.68	6357.92	-1021.44	
10263.00	89.93	0.99	6411.50	3361.94	1084.90	40.402969	-104.357664	0.66	353.88	128.00	3375.67	6407.37	-1026.65	
10295.00	90.28	1.47	6411.44	3393.93	1085.59	40.403056	-104.357662	1.86	53.90	32.00	3407.67	6428.08	-998.16	
10327.00	90.28	0.90	6411.29	3425.92	1086.25	40.403144	-104.357660	1.78	270.00	32.00	3439.67	6428.03	-1032.30	

5D Survey Report

Survey Points (Relative to centre, TVD relative to Drill Floor)														
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Latitude (°)	Longitude (°)	DLS (°/100 US ft)	T.Face (°)	CL (US ft)	VS (US ft)	High to Plan (US ft)	Right to Plan (US ft)	Comment
10424.00	91.33	359.79	6409.92	3522.91	1086.83	40.403410	-104.357658	1.58	313.42	97.00	3536.65	6489.87	-1099.74	
10455.00	90.49	359.41	6409.43	3553.90	1086.62	40.403495	-104.357658	2.97	204.34	31.00	3567.64	6439.49	-1123.15	
10551.00	90.98	0.63	6408.20	3649.89	1086.65	40.403759	-104.357658	1.37	68.11	96.00	3663.62	6469.89	-1046.45	
10615.00	89.51	1.60	6407.93	3713.88	1087.89	40.403935	-104.357654	2.75	146.58	64.00	3727.62	6375.68	-983.77	
10711.00	89.72	2.15	6408.57	3809.83	1091.04	40.404198	-104.357642	0.61	69.10	96.00	3823.60	6389.69	-947.34	
10805.00	89.79	3.31	6408.97	3903.72	1095.51	40.404456	-104.357626	1.24	86.55	94.00	3917.54	6394.41	-868.29	
10901.00	89.65	4.22	6409.44	3999.51	1101.82	40.404719	-104.357604	0.96	98.75	96.00	4013.40	6384.46	-804.52	
10997.00	91.19	2.67	6408.74	4095.32	1107.58	40.404982	-104.357583	2.28	314.82	96.00	4109.29	6493.39	-915.61	
11060.00	91.26	2.36	6407.39	4158.25	1110.35	40.405154	-104.357573	0.50	282.73	63.00	4172.24	6498.21	-938.18	LAST SVY
11127.00	91.26	2.36	6405.92	4225.18	1113.11	40.405338	-104.357563	0.00	0.00	67.00	4239.20	6498.21	-938.18	PROJECTION TO TD