

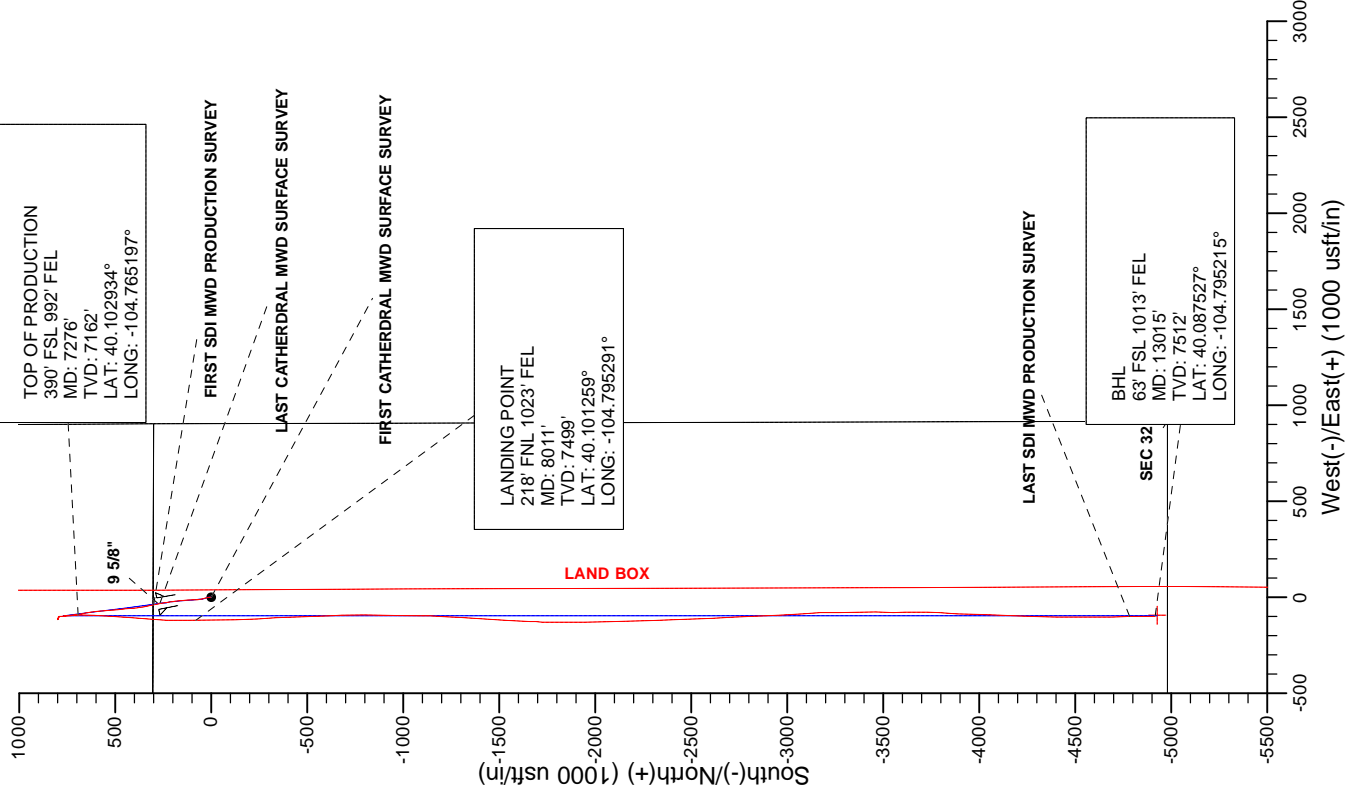
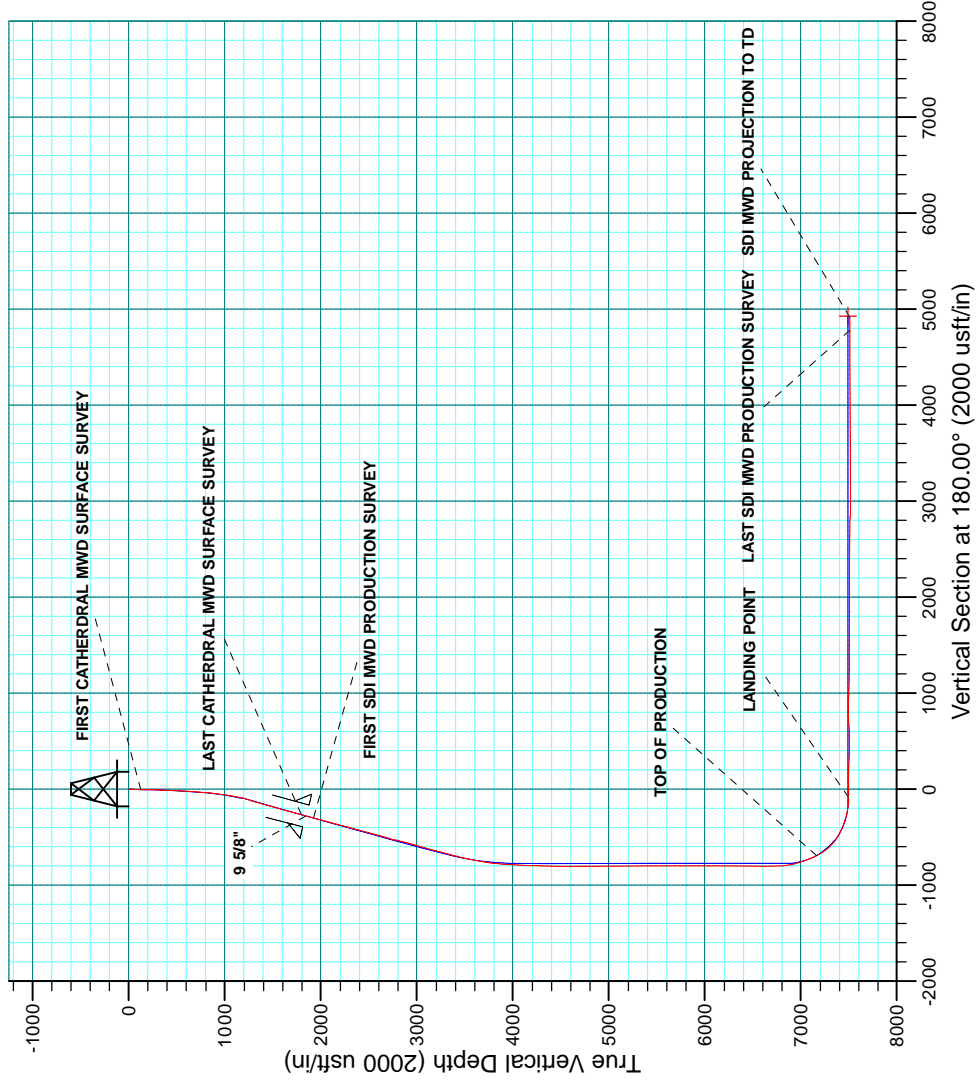


Project: WELD-NAD83-UTMFT13N
Site: 2N-66W-32 Fehrn Pad
Well: FEHRN 37C-32HZ
Wellbore: Plan A
Design: Plan A



WELL DETAILS: FEHRN 37C-32HZ				
GL 4926 & KB 20 @ 4946.00usft (PRECISION 461)				
+N/-S 0.00	+E/-W 0.00	Northing 14563589.78	Easting 1697779.90	Latitude 40.101032 Longitude -104.794866

PROJECT DETAILS: WELD-NAD83-UTMFT13N	
Geodetic System: Universal Transverse Mercator (US Survey Feet)	
Datum: North American Datum 1983	
Ellipsoid: GRS 1980	
Zone: Zone 13N (108 W to 102 W)	
Location:	
System Datum: Mean Sea Level	



Company:	US ROCKIES WATTENBERG PLANNING	Local Co-ordinate Reference:	Well FEHRN 37C-32HZ
Project:	WELD-NAD83-UTMFT13N	TVD Reference:	GL 4926 & KB 20 @ 4946.00usft (PRECISION 461)
Site:	2N-66W-32 Fehrn Pad	MD Reference:	GL 4926 & KB 20 @ 4946.00usft (PRECISION 461)
Well:	FEHRN 37C-32HZ	North Reference:	True
Wellbore:	Plan A	Survey Calculation Method:	Minimum Curvature
Design:	Plan A	Database:	Denver Sales Office

Project	WELD-NAD83-UTMFT13N		
Map System:	Universal Transverse Mercator (US Survey Feet)	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Zone 13N (108 W to 102 W)		

Site	2N-66W-32 Fehrn Pad				
Site Position:		Northing:	14,563,589.77 usft	Latitude:	40.101032
From:	Lat/Long	Easting:	1,697,779.90 usft	Longitude:	-104.794866
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence:	0.13 °

Well	FEHRN 37C-32HZ					
Well Position	+N/-S	0.00 usft	Northing:	14,563,589.77 usft	Latitude:	40.101032
	+E/-W	0.00 usft	Easting:	1,697,779.90 usft	Longitude:	-104.794866
Position Uncertainty		2.68 usft	Wellhead Elevation:	0.00 usft	Ground Level:	4,926.00 usft

Wellbore	Plan A				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	1/20/2015	8.37	66.68	52,591

Design	Plan A				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	180.00	

Survey Program	Date	8/20/2015			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
13.00	1,831.00	Survey #1 CATHEDRAL MWD SURFACE	APC_ISCWSA REV 2 MWD	Fixed:v2:standard declination	
1,961.00	13,015.00	Survey #2 SDI MWD PRODUCTION SUR	APC_ISCWSA REV 2 MWD+	Fixed:v2:crustal field declination	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
13.00	0.00	0.00	13.00	0.00	0.00	0.00	0.00	0.00	0.00	
125.00	0.60	6.50	125.00	0.58	0.07	-0.58	0.54	0.54	0.00	
FIRST CATHEDRAL MWD SURFACE SURVEY										
187.00	0.90	5.80	186.99	1.39	0.15	-1.39	0.48	0.48	-1.13	
249.00	1.10	9.00	248.98	2.46	0.29	-2.46	0.33	0.32	5.16	
310.00	1.30	4.00	309.97	3.73	0.43	-3.73	0.37	0.33	-8.20	
373.00	2.50	1.50	372.93	5.82	0.52	-5.82	1.91	1.90	-3.97	

Company:	US ROCKIES WATTENBERG PLANNING	Local Co-ordinate Reference:	Well FEHRN 37C-32HZ
Project:	WELD-NAD83-UTMFT13N	TVD Reference:	GL 4926 & KB 20 @ 4946.00usft (PRECISION 461)
Site:	2N-66W-32 Fehr Pad	MD Reference:	GL 4926 & KB 20 @ 4946.00usft (PRECISION 461)
Well:	FEHRN 37C-32HZ	North Reference:	True
Wellbore:	Plan A	Survey Calculation Method:	Minimum Curvature
Design:	Plan A	Database:	Denver Sales Office

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
458.00	3.30	1.30	457.82	10.12	0.62	-10.12	0.94	0.94	-0.24
543.00	3.80	350.70	542.66	15.34	0.22	-15.34	0.97	0.59	-12.47
628.00	4.20	348.30	627.45	21.17	-0.86	-21.17	0.51	0.47	-2.82
713.00	4.20	343.70	712.23	27.20	-2.37	-27.20	0.40	0.00	-5.41
797.00	5.10	346.70	795.95	33.79	-4.09	-33.79	1.11	1.07	3.57
881.00	6.20	345.30	879.54	41.81	-6.10	-41.81	1.32	1.31	-1.67
966.00	8.10	350.30	963.88	52.16	-8.27	-52.16	2.35	2.24	5.88
1,051.00	9.70	351.80	1,047.85	65.15	-10.30	-65.15	1.90	1.88	1.76
1,135.00	11.50	354.10	1,130.41	80.48	-12.17	-80.48	2.20	2.14	2.74
1,219.00	13.90	355.50	1,212.35	98.87	-13.83	-98.87	2.88	2.86	1.67
1,304.00	15.10	356.40	1,294.64	120.10	-15.32	-120.10	1.44	1.41	1.06
1,387.00	15.90	357.60	1,374.62	142.25	-16.48	-142.25	1.04	0.96	1.45
1,471.00	16.30	354.80	1,455.33	165.49	-18.03	-165.49	1.04	0.48	-3.33
1,555.00	16.80	353.90	1,535.85	189.30	-20.39	-189.30	0.67	0.60	-1.07
1,639.00	16.00	351.40	1,616.43	212.81	-23.41	-212.81	1.27	-0.95	-2.98
1,724.00	16.30	350.90	1,698.08	236.17	-27.05	-236.17	0.39	0.35	-0.59
1,809.00	15.80	350.90	1,779.77	259.38	-30.76	-259.38	0.59	-0.59	0.00
1,831.00	15.40	350.30	1,800.96	265.22	-31.73	-265.22	1.96	-1.82	-2.73
LAST CATHERDRAL MWD SURFACE SURVEY									
1,877.80	15.18	349.19	1,846.10	277.36	-33.92	-277.36	0.79	-0.48	-2.38
9 5/8"									
1,961.00	14.79	347.13	1,926.47	298.41	-38.33	-298.41	0.79	-0.46	-2.47
FIRST SDI MWD PRODUCTION SURVEY									
2,055.00	16.13	350.10	2,017.07	322.97	-43.25	-322.97	1.66	1.43	3.16
2,151.00	15.90	349.76	2,109.34	349.05	-47.88	-349.05	0.26	-0.24	-0.35
2,246.00	14.70	349.62	2,200.98	373.71	-52.37	-373.71	1.26	-1.26	-0.15
2,341.00	14.91	352.75	2,292.82	397.69	-56.08	-397.69	0.87	0.22	3.29
2,437.00	14.80	353.99	2,385.61	422.14	-58.92	-422.14	0.35	-0.11	1.29
2,532.00	16.40	354.44	2,477.11	447.55	-61.49	-447.55	1.69	1.68	0.47
2,628.00	15.43	355.21	2,569.43	473.77	-63.87	-473.77	1.03	-1.01	0.80
2,818.00	13.10	355.76	2,753.56	520.43	-67.58	-520.43	1.23	-1.23	0.29
2,913.00	14.22	357.30	2,845.87	542.83	-68.92	-542.83	1.24	1.18	1.62
3,008.00	16.36	355.90	2,937.50	567.83	-70.43	-567.83	2.29	2.25	-1.47
3,103.00	15.64	355.82	3,028.82	593.95	-72.32	-593.95	0.76	-0.76	-0.08
3,198.00	16.16	351.73	3,120.19	619.80	-75.15	-619.80	1.30	0.55	-4.31
3,293.00	14.60	348.67	3,211.79	644.63	-79.41	-644.63	1.85	-1.64	-3.22
3,388.00	14.11	347.01	3,303.82	667.65	-84.36	-667.65	0.67	-0.52	-1.75
3,483.00	14.69	347.17	3,395.84	690.68	-89.64	-690.68	0.61	0.61	0.17
3,579.00	13.23	355.36	3,489.01	713.50	-93.23	-713.50	2.56	-1.52	8.53
3,674.00	11.08	354.39	3,581.87	733.42	-95.00	-733.42	2.27	-2.26	-1.02
3,769.00	9.07	351.80	3,675.40	749.92	-96.96	-749.92	2.17	-2.12	-2.73
3,865.00	7.87	352.25	3,770.36	763.92	-98.93	-763.92	1.25	-1.25	0.47

Company:	US ROCKIES WATTENBERG PLANNING	Local Co-ordinate Reference:	Well FEHRN 37C-32HZ
Project:	WELD-NAD83-UTMFT13N	TVD Reference:	GL 4926 & KB 20 @ 4946.00usft (PRECISION 461)
Site:	2N-66W-32 Fehr Pad	MD Reference:	GL 4926 & KB 20 @ 4946.00usft (PRECISION 461)
Well:	FEHRN 37C-32HZ	North Reference:	True
Wellbore:	Plan A	Survey Calculation Method:	Minimum Curvature
Design:	Plan A	Database:	Denver Sales Office

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,960.00	6.07	3.69	3,864.65	775.38	-99.48	-775.38	2.38	-1.89	12.04
4,055.00	3.50	359.57	3,959.32	783.30	-99.18	-783.30	2.73	-2.71	-4.34
4,151.00	2.18	336.82	4,055.20	787.90	-99.92	-787.90	1.78	-1.38	-23.70
4,246.00	2.39	320.87	4,150.12	791.10	-101.88	-791.10	0.70	0.22	-16.79
4,341.00	2.16	316.62	4,245.05	793.94	-104.36	-793.94	0.30	-0.24	-4.47
4,436.00	1.80	308.66	4,339.99	796.17	-106.76	-796.17	0.48	-0.38	-8.38
4,531.00	1.39	291.48	4,434.96	797.53	-109.00	-797.53	0.66	-0.43	-18.08
4,626.00	1.09	281.12	4,529.93	798.12	-110.95	-798.12	0.39	-0.32	-10.91
4,721.00	1.16	280.84	4,624.91	798.48	-112.79	-798.48	0.07	0.07	-0.29
4,816.00	1.07	267.10	4,719.90	798.61	-114.62	-798.61	0.30	-0.09	-14.46
4,911.00	1.18	268.25	4,814.88	798.54	-116.48	-798.54	0.12	0.12	1.21
5,007.00	0.96	65.23	4,910.87	798.85	-116.74	-798.85	2.18	-0.23	163.52
5,102.00	1.15	86.06	5,005.86	799.25	-115.06	-799.25	0.45	0.20	21.93
5,197.00	0.87	106.55	5,100.84	799.11	-113.42	-799.11	0.48	-0.29	21.57
5,292.00	0.79	125.09	5,195.83	798.52	-112.19	-798.52	0.29	-0.08	19.52
5,388.00	0.82	120.30	5,291.82	797.80	-111.06	-797.80	0.08	0.03	-4.99
5,483.00	0.55	122.69	5,386.82	797.21	-110.09	-797.21	0.29	-0.28	2.52
5,578.00	0.17	177.29	5,481.81	796.82	-109.70	-796.82	0.50	-0.40	57.47
5,674.00	0.57	269.25	5,577.81	796.67	-110.17	-796.67	0.63	0.42	95.79
5,769.00	0.77	271.40	5,672.81	796.68	-111.28	-796.68	0.21	0.21	2.26
5,864.00	0.15	272.35	5,767.80	796.70	-112.04	-796.70	0.65	-0.65	1.00
5,960.00	0.20	149.86	5,863.80	796.56	-112.08	-796.56	0.32	0.05	-127.59
6,055.00	0.46	79.00	5,958.80	796.49	-111.63	-796.49	0.46	0.27	-74.59
6,150.00	0.48	83.84	6,053.80	796.61	-110.86	-796.61	0.05	0.02	5.09
6,244.00	0.32	92.87	6,147.80	796.64	-110.20	-796.64	0.18	-0.17	9.61
6,340.00	0.21	155.26	6,243.79	796.46	-109.86	-796.46	0.30	-0.11	64.99
6,434.00	0.58	106.46	6,337.79	796.17	-109.33	-796.17	0.50	0.39	-51.91
6,529.00	0.88	88.92	6,432.78	796.05	-108.14	-796.05	0.39	0.32	-18.46
6,624.00	1.11	74.57	6,527.77	796.31	-106.53	-796.31	0.36	0.24	-15.11
6,719.00	0.96	56.35	6,622.75	796.99	-104.98	-796.99	0.38	-0.16	-19.18
6,813.00	1.18	55.50	6,716.74	797.98	-103.52	-797.98	0.23	0.23	-0.90
6,908.00	4.92	164.25	6,811.62	794.61	-101.61	-794.61	5.70	3.94	114.47
7,003.00	11.93	172.71	6,905.54	780.93	-99.25	-780.93	7.47	7.38	8.91
7,098.00	14.92	171.92	6,997.94	759.08	-96.29	-759.08	3.15	3.15	-0.83
7,193.00	23.56	177.17	7,087.55	727.94	-93.63	-727.94	9.27	9.09	5.53
7,276.00	26.99	179.20	7,162.60	692.53	-92.54	-692.53	4.26	4.13	2.44
TOP OF PRODUCTION (390' FSL & 992' FEL)									
7,289.00	27.53	179.47	7,174.15	686.58	-92.47	-686.58	4.26	4.15	2.11
7,384.00	36.54	180.72	7,254.60	636.24	-92.63	-636.24	9.51	9.48	1.32
7,479.00	47.76	184.78	7,324.94	572.71	-95.92	-572.71	12.15	11.81	4.27
7,574.00	56.23	183.81	7,383.38	498.13	-101.49	-498.13	8.95	8.92	-1.02
7,669.00	66.99	182.80	7,428.48	414.81	-106.26	-414.81	11.36	11.33	-1.06

Company:	US ROCKIES WATTENBERG PLANNING	Local Co-ordinate Reference:	Well FEHRN 37C-32HZ
Project:	WELD-NAD83-UTMFT13N	TVD Reference:	GL 4926 & KB 20 @ 4946.00usft (PRECISION 461)
Site:	2N-66W-32 Fehr Pad	MD Reference:	GL 4926 & KB 20 @ 4946.00usft (PRECISION 461)
Well:	FEHRN 37C-32HZ	North Reference:	True
Wellbore:	Plan A	Survey Calculation Method:	Minimum Curvature
Design:	Plan A	Database:	Denver Sales Office

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
7,764.00	74.42	183.82	7,459.85	325.36	-111.45	-325.36	7.89	7.82	1.07	
7,860.00	78.42	183.46	7,482.39	232.25	-117.37	-232.25	4.18	4.17	-0.38	
7,955.00	85.02	179.07	7,496.07	138.34	-119.42	-138.34	8.32	6.95	-4.62	
8,011.00	87.72	179.61	7,499.62	82.46	-118.78	-82.46	4.92	4.82	0.97	
LANDING POINT (218' FNL & 1023' FEL)										
8,050.00	89.60	179.99	7,500.53	43.48	-118.64	-43.48	4.92	4.82	0.97	
8,145.00	91.01	179.08	7,500.02	-51.51	-117.87	51.51	1.77	1.48	-0.96	
8,239.00	90.30	178.21	7,498.95	-145.48	-115.65	145.48	1.19	-0.76	-0.93	
8,334.00	88.12	176.72	7,500.26	-240.37	-111.45	240.37	2.78	-2.29	-1.57	
8,429.00	87.85	177.22	7,503.60	-335.18	-106.43	335.18	0.60	-0.28	0.53	
8,524.00	89.70	178.52	7,505.63	-430.09	-102.90	430.09	2.38	1.95	1.37	
8,619.00	90.27	177.34	7,505.65	-525.02	-99.47	525.02	1.38	0.60	-1.24	
8,715.00	91.68	177.28	7,504.02	-620.90	-94.96	620.90	1.47	1.47	-0.06	
8,809.00	91.18	178.97	7,501.67	-714.82	-91.89	714.82	1.87	-0.53	1.80	
8,904.00	90.87	180.74	7,499.97	-809.80	-91.65	809.80	1.89	-0.33	1.86	
8,999.00	88.86	180.82	7,500.20	-904.78	-92.94	904.78	2.12	-2.12	0.08	
9,094.00	89.02	181.09	7,501.96	-999.75	-94.52	999.75	0.33	0.17	0.28	
9,188.00	90.37	180.37	7,502.46	-1,093.74	-95.72	1,093.74	1.63	1.44	-0.77	
9,376.00	89.06	183.75	7,503.39	-1,281.59	-102.48	1,281.59	1.93	-0.70	1.80	
9,472.00	90.40	183.60	7,503.84	-1,377.39	-108.63	1,377.39	1.40	1.40	-0.16	
9,564.00	88.66	183.68	7,504.60	-1,469.19	-114.47	1,469.19	1.89	-1.89	0.09	
9,659.00	90.13	183.35	7,505.60	-1,564.01	-120.30	1,564.01	1.59	1.55	-0.35	
9,755.00	90.30	182.43	7,505.24	-1,659.88	-125.14	1,659.88	0.97	0.18	-0.96	
9,850.00	87.75	181.30	7,506.86	-1,754.81	-128.23	1,754.81	2.94	-2.68	-1.19	
9,945.00	88.32	179.62	7,510.12	-1,849.75	-128.99	1,849.75	1.87	0.60	-1.77	
10,041.00	89.53	179.03	7,511.92	-1,945.72	-127.86	1,945.72	1.40	1.26	-0.61	
10,136.00	91.21	179.27	7,511.30	-2,040.70	-126.45	2,040.70	1.79	1.77	0.25	
10,231.00	91.51	179.26	7,509.05	-2,135.67	-125.23	2,135.67	0.32	0.32	-0.01	
10,327.00	89.43	177.89	7,508.26	-2,231.63	-122.84	2,231.63	2.59	-2.17	-1.43	
10,422.00	90.13	177.27	7,508.63	-2,326.54	-118.83	2,326.54	0.98	0.74	-0.65	
10,515.00	88.92	177.59	7,509.40	-2,419.44	-114.66	2,419.44	1.35	-1.30	0.34	
10,610.00	90.17	178.05	7,510.15	-2,514.37	-111.05	2,514.37	1.40	1.32	0.48	
10,703.00	88.76	178.17	7,511.02	-2,607.31	-107.98	2,607.31	1.52	-1.52	0.13	
10,798.00	89.66	177.47	7,512.33	-2,702.23	-104.37	2,702.23	1.20	0.95	-0.74	
10,894.00	88.32	177.79	7,514.02	-2,798.13	-100.40	2,798.13	1.44	-1.40	0.33	
10,988.00	89.26	177.54	7,516.01	-2,892.03	-96.57	2,892.03	1.03	1.00	-0.27	
11,082.00	90.20	177.10	7,516.45	-2,985.93	-92.18	2,985.93	1.10	1.00	-0.47	
11,177.00	90.34	175.97	7,516.00	-3,080.75	-86.43	3,080.75	1.20	0.15	-1.19	
11,271.00	88.89	177.84	7,516.63	-3,174.61	-81.36	3,174.61	2.52	-1.54	1.99	
11,366.00	90.07	178.43	7,517.50	-3,269.55	-78.27	3,269.55	1.39	1.24	0.62	
11,556.00	90.17	180.79	7,517.10	-3,459.53	-76.97	3,459.53	1.24	0.05	1.24	
11,650.00	90.71	179.56	7,516.38	-3,553.53	-77.26	3,553.53	1.43	0.57	-1.31	

Company:	US ROCKIES WATTENBERG PLANNING	Local Co-ordinate Reference:	Well FEHRN 37C-32HZ
Project:	WELD-NAD83-UTMFT13N	TVD Reference:	GL 4926 & KB 20 @ 4946.00usft (PRECISION 461)
Site:	2N-66W-32 Fehr Pad	MD Reference:	GL 4926 & KB 20 @ 4946.00usft (PRECISION 461)
Well:	FEHRN 37C-32HZ	North Reference:	True
Wellbore:	Plan A	Survey Calculation Method:	Minimum Curvature
Design:	Plan A	Database:	Denver Sales Office

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
11,744.00	90.10	179.45	7,515.71	-3,647.52	-76.45	3,647.52	0.66	-0.65	-0.12	
11,839.00	89.63	182.13	7,515.93	-3,742.50	-77.76	3,742.50	2.86	-0.49	2.82	
11,932.00	91.11	183.28	7,515.33	-3,835.39	-82.15	3,835.39	2.02	1.59	1.24	
12,027.00	91.48	182.14	7,513.19	-3,930.26	-86.64	3,930.26	1.26	0.39	-1.20	
12,121.00	90.84	182.63	7,511.28	-4,024.16	-90.55	4,024.16	0.86	-0.68	0.52	
12,217.00	90.03	182.38	7,510.56	-4,120.06	-94.74	4,120.06	0.88	-0.84	-0.26	
12,311.00	89.29	182.28	7,511.11	-4,213.98	-98.57	4,213.98	0.79	-0.79	-0.11	
12,407.00	90.13	181.47	7,511.60	-4,309.93	-101.71	4,309.93	1.22	0.88	-0.84	
12,501.00	89.02	180.75	7,512.30	-4,403.91	-103.53	4,403.91	1.41	-1.18	-0.77	
12,691.00	90.30	179.35	7,513.42	-4,593.90	-103.69	4,593.90	1.00	0.67	-0.74	
12,786.00	89.83	179.17	7,513.32	-4,688.89	-102.47	4,688.89	0.53	-0.49	-0.19	
12,882.00	90.47	178.65	7,513.06	-4,784.87	-100.64	4,784.87	0.86	0.67	-0.54	
LAST SDI MWD PRODUCTION SURVEY										
13,015.00	90.47	178.65	7,511.97	-4,917.83	-97.51	4,917.83	0.00	0.00	0.00	
SDI MWD PROJECTION TO TD (63' FSL & 1013' FEL)										

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name		Casing Diameter (in)	Hole Diameter (in)
1,877.80	1,846.10	9 5/8"		9.625	13.500

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N-S (usft)	+E-W (usft)		
125.00	125.00	0.58	0.07	FIRST CATHEDRAL MWD SURFACE SURVEY	
1,831.00	1,800.96	265.22	-31.73	LAST CATHEDRAL MWD SURFACE SURVEY	
1,961.00	1,926.47	298.41	-38.33	FIRST SDI MWD PRODUCTION SURVEY	
7,276.00	7,162.60	692.53	-92.54	TOP OF PRODUCTION (390' FSL & 992' FEL)	
8,011.00	7,499.62	82.46	-118.78	LANDING POINT (218' FNL & 1023' FEL)	
12,882.00	7,513.06	-4,784.87	-100.64	LAST SDI MWD PRODUCTION SURVEY	
13,015.00	7,511.97	-4,917.83	-97.51	SDI MWD PROJECTION TO TD (63' FSL & 1013' FEL)	

Checked By: _____	Approved By: _____	Date: _____
-------------------	--------------------	-------------