

WELL DETAILS: Land Fed 30N-29HZ

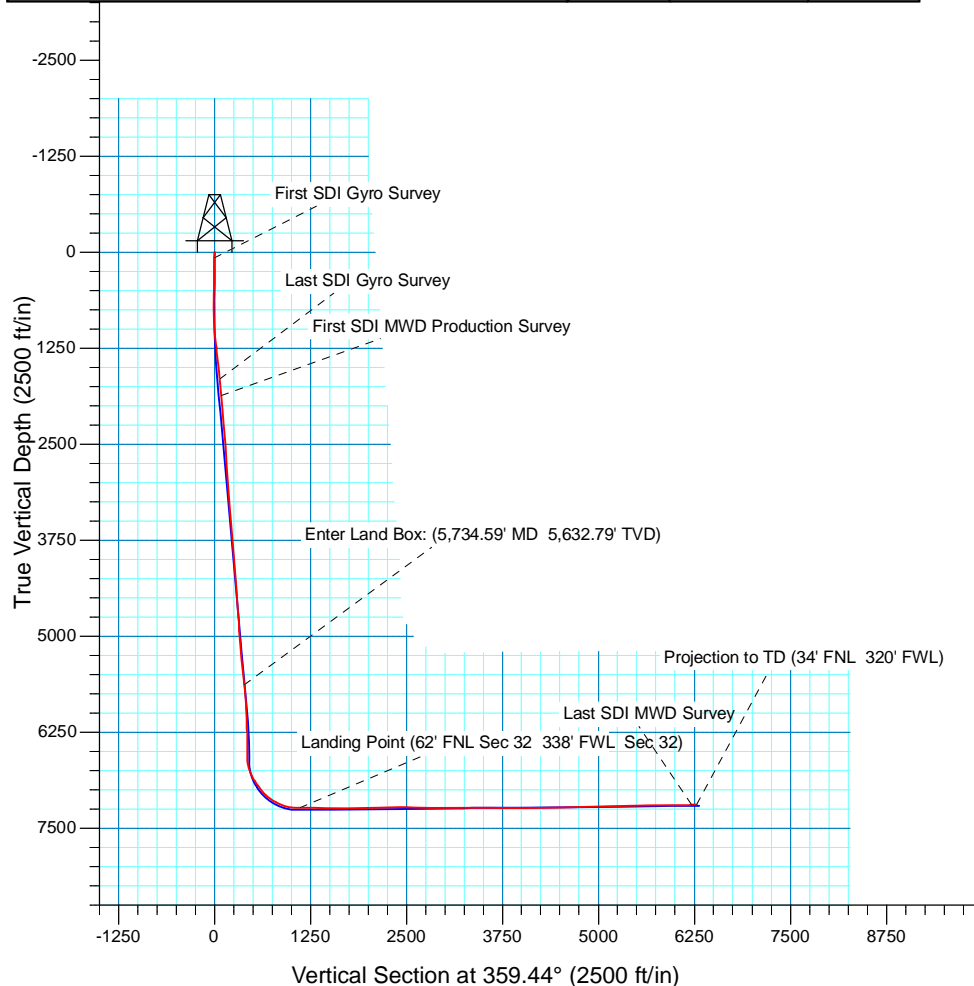
GL 4899' & KB 20' @ 4919.00ft (Precision 461) 4899.00
 Northing 14562853.23 Easting 1694757.21 Latitude 40.0990280 Longitude -104.8056810

Design: OH (Land Fed 30N-29HZ/OH)

Created By: Seth Burstad Date: 6-9-2016

ANNOTATIONS

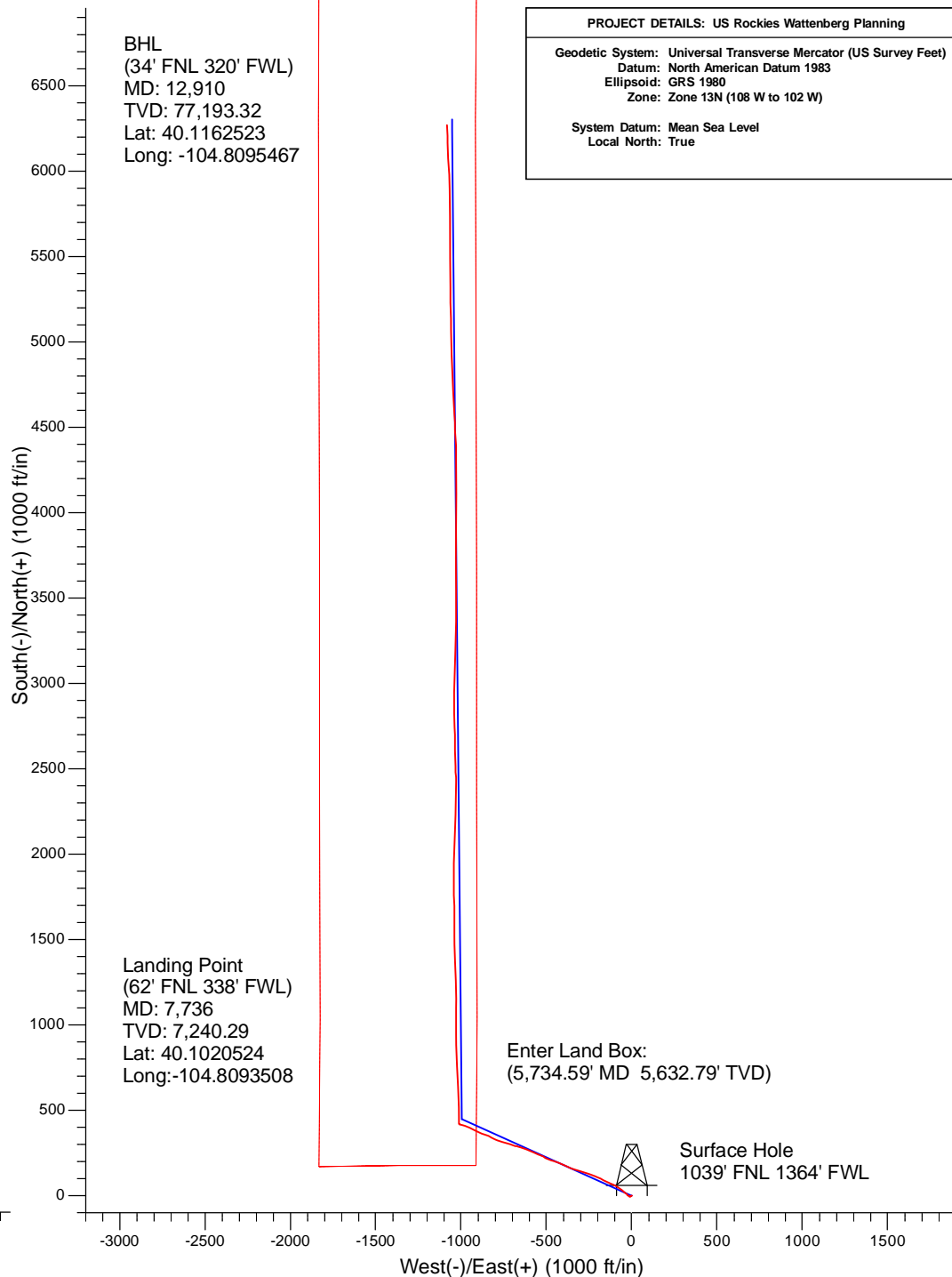
TVD	MD	Inc	Azi	+N/-S	+E/-W	Annotation
77.50	77.50	0.26	206.52	-0.16	-0.08	First SDI Gyro Survey
1650.60	1662.50	12.36	295.12	70.44	-121.04	Last SDI Gyro Survey
1872.16	1889.00	11.60	294.05	90.02	-163.79	First SDI MWD Production Survey
5632.79	5734.59	13.15	298.36	379.46	-910.42	Enter Land Box: (5,734.59' MD 5,632.79' TVD)
7240.29	7736.00	90.50	0.28	1101.33	-1026.22	Landing Point (62' FNL Sec 32 338' FWL Sec 32)
7198.23	12843.00	94.20	357.87	6205.46	-1078.30	Last SDI MWD Survey
7193.32	12910.00	94.20	357.87	6272.23	-1080.78	Projection to TD (34' FNL 320' FWL)



BHL
 (34' FNL 320' FWL)
 MD: 12,910
 TVD: 77,193.32
 Lat: 40.1162523
 Long: -104.8095467

PROJECT DETAILS: US Rockies Wattenberg Planning

Geodetic System: Universal Transverse Mercator (US Survey Feet)
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Zone 13N (108 W to 102 W)
 System Datum: Mean Sea Level
 Local North: True





US ROCKIES REGION PLANNING

US Rockies Wattenberg Planning

Land 18-32HZ Pad 2N-66W-32

Land Fed 30N-29HZ

OH

Design: OH

Standard Survey Report

09 June, 2016



Company:	US ROCKIES REGION PLANNING	Local Co-ordinate Reference:	Well Land Fed 30N-29HZ
Project:	US Rockies Wattenberg Planning	TVD Reference:	GL 4899' & KB 20' @ 4919.00ft (Precision 461)
Site:	Land 18-32HZ Pad 2N-66W-32	MD Reference:	GL 4899' & KB 20' @ 4919.00ft (Precision 461)
Well:	Land Fed 30N-29HZ	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Denver Sales Office

Project	US Rockies Wattenberg Planning		
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	Land 18-32HZ Pad 2N-66W-32, Site Center: Land Fed 30C-29HZ		
Site Position:		Northing:	14,562,853.50 usft
From:	Lat/Long	Easting:	1,694,712.19 usft
Position Uncertainty:	0.00 ft	Slot Radius:	13.200 in
		Latitude:	40.0990290
		Longitude:	-104.8058420
		Grid Convergence:	0.13 °

Well	Land Fed 30N-29HZ, 1039' FNL 1364' FWL Sec 32 T2N R66W		
Well Position	+N/-S	0.00 ft	Latitude: 40.0990280
	+E/-W	0.00 ft	Longitude: -104.8056810
Position Uncertainty	0.00 ft	Wellhead Elevation:	0.00 ft
		Ground Level:	4,899.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	User Defined	5/20/2016	8.34	66.69	52,577

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	359.44	

Survey Program	Date	6/9/2016			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
77.50	1,662.50	Survey #1 - Surface (Gyro) (OH)	SDI Standard Keeper 103	SDI Standard Wireline Keeper ver 1.0.3	
1,889.00	12,910.00	Survey #3 - Production (OH)	APC_ISCWSA REV 2 MWD+ Fixed:v2:crustal field declination		

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	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	
77.50	0.26	206.52	77.50	-0.16	-0.08	-0.16	0.34	0.34	0.00	
First SDI Gyro Survey										
171.50	0.52	221.89	171.50	-0.67	-0.46	-0.66	0.30	0.28	16.35	
265.50	0.63	219.38	265.49	-1.38	-1.07	-1.37	0.12	0.12	-2.67	
359.50	1.09	237.75	359.48	-2.26	-2.16	-2.24	0.56	0.49	19.54	
453.50	1.41	244.27	453.46	-3.24	-3.95	-3.20	0.37	0.34	6.94	
547.00	1.42	245.79	546.93	-4.21	-6.05	-4.15	0.04	0.01	1.63	
641.50	1.43	250.08	641.40	-5.09	-8.22	-5.01	0.11	0.01	4.54	
735.50	1.80	260.84	735.36	-5.73	-10.78	-5.62	0.51	0.39	11.45	

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Site:	Land 18-32HZ Pad 2N-66W-32	MD Reference:	GL 4899' & KB 20' @ 4919.00ft (Precision 461)
Well:	Land Fed 30N-29HZ	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Denver Sales Office

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
829.50	2.85	298.06	829.29	-4.87	-14.30	-4.73	1.90	1.12	39.60
923.50	4.70	311.74	923.08	-1.20	-19.24	-1.01	2.18	1.97	14.55
1,017.50	6.34	313.66	1,016.65	4.95	-25.87	5.20	1.76	1.74	2.04
1,111.50	7.68	315.50	1,109.94	13.01	-34.03	13.34	1.45	1.43	1.96
1,205.50	8.76	311.73	1,202.97	22.25	-43.77	22.68	1.28	1.15	-4.01
1,298.50	10.21	311.01	1,294.70	32.38	-55.28	32.92	1.56	1.56	-0.77
1,392.50	11.88	303.95	1,386.96	43.25	-69.59	43.93	2.28	1.78	-7.51
1,488.50	12.69	298.25	1,480.77	53.76	-87.08	54.61	1.52	0.84	-5.94
1,583.50	12.59	295.48	1,573.46	63.15	-105.62	64.18	0.65	-0.11	-2.92
1,662.50	12.36	295.12	1,650.60	70.44	-121.04	71.62	0.31	-0.29	-0.46
Last SDI Gyro Survey									
1,889.00	11.60	294.05	1,872.16	90.02	-163.79	91.61	0.35	-0.34	-0.47
First SDI MWD Production Survey									
1,984.00	11.68	295.32	1,965.21	98.02	-181.20	99.79	0.28	0.08	1.34
2,078.00	11.45	293.33	2,057.30	105.79	-198.37	107.72	0.49	-0.24	-2.12
2,173.00	12.47	292.90	2,150.24	113.51	-216.48	115.62	1.08	1.07	-0.45
2,268.00	12.65	290.53	2,242.97	121.15	-235.67	123.45	0.57	0.19	-2.49
2,363.00	12.29	288.65	2,335.73	128.03	-254.99	130.52	0.57	-0.38	-1.98
2,459.00	11.78	288.22	2,429.61	134.36	-273.98	137.03	0.54	-0.53	-0.45
2,553.00	11.40	286.51	2,521.70	140.00	-292.00	142.85	0.54	-0.40	-1.82
2,648.00	10.65	286.17	2,614.94	145.12	-309.43	148.13	0.79	-0.79	-0.36
2,742.00	11.04	286.72	2,707.27	150.12	-326.39	153.31	0.43	0.41	0.59
2,837.00	11.99	290.50	2,800.35	156.20	-344.35	159.56	1.28	1.00	3.98
2,931.00	12.76	293.93	2,892.17	163.83	-362.98	167.37	1.13	0.82	3.65
3,025.00	12.36	293.91	2,983.92	172.12	-381.67	175.84	0.43	-0.43	-0.02
3,120.00	11.39	294.00	3,076.89	180.05	-399.53	183.95	1.02	-1.02	0.09
3,214.00	11.77	292.43	3,168.97	187.49	-416.88	191.55	0.53	0.40	-1.67
3,309.00	12.48	290.19	3,261.85	194.73	-435.47	198.97	0.90	0.75	-2.36
3,404.00	11.46	288.47	3,354.79	201.26	-454.05	205.69	1.14	-1.07	-1.81
3,498.00	11.01	288.03	3,446.99	207.00	-471.44	211.59	0.49	-0.48	-0.47
3,593.00	10.82	292.95	3,540.27	213.28	-488.28	218.04	1.00	-0.20	5.18
3,685.00	11.02	297.81	3,630.60	220.75	-504.01	225.67	1.02	0.22	5.28
3,780.00	10.35	295.97	3,723.96	228.72	-519.72	233.79	0.79	-0.71	-1.94
3,874.00	11.33	292.97	3,816.28	236.02	-535.81	241.25	1.20	1.04	-3.19
3,969.00	12.48	295.28	3,909.24	244.05	-553.68	249.45	1.31	1.21	2.43
4,063.00	12.93	293.43	4,000.93	252.57	-572.52	258.15	0.65	0.48	-1.97
4,158.00	12.35	292.13	4,093.63	260.62	-591.68	266.39	0.68	-0.61	-1.37
4,251.00	12.41	293.00	4,184.47	268.27	-610.09	274.22	0.21	0.06	0.94
4,347.00	11.61	290.73	4,278.37	275.72	-628.62	281.85	0.97	-0.83	-2.36
4,442.00	10.88	287.20	4,371.54	281.76	-646.13	288.06	1.06	-0.77	-3.72
4,535.00	10.94	281.95	4,462.87	286.18	-663.15	292.65	1.07	0.06	-5.65
4,630.00	12.22	287.04	4,555.93	290.99	-681.58	297.64	1.72	1.35	5.36
4,725.00	13.66	288.58	4,648.52	297.52	-701.83	304.36	1.56	1.52	1.62

Company:	US ROCKIES REGION PLANNING	Local Co-ordinate Reference:	Well Land Fed 30N-29HZ
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Site:	Land 18-32HZ Pad 2N-66W-32	MD Reference:	GL 4899' & KB 20' @ 4919.00ft (Precision 461)
Well:	Land Fed 30N-29HZ	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Denver Sales Office

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,819.00	13.66	286.62	4,739.86	304.23	-722.98	311.28	0.49	0.00	-2.09
4,914.00	13.07	285.63	4,832.29	310.33	-744.08	317.59	0.67	-0.62	-1.04
5,007.00	12.23	289.18	4,923.03	316.40	-763.51	323.85	1.23	-0.90	3.82
5,100.00	12.51	292.86	5,013.87	323.55	-782.09	331.18	0.90	0.30	3.96
5,195.00	12.63	294.72	5,106.59	331.89	-801.01	339.70	0.44	0.13	1.96
5,289.00	13.01	292.82	5,198.25	340.29	-820.10	348.29	0.60	0.40	-2.02
5,382.00	13.61	292.01	5,288.75	348.45	-839.89	356.64	0.68	0.65	-0.87
5,475.00	12.81	291.82	5,379.29	356.38	-859.61	364.77	0.86	-0.86	-0.20
5,569.00	11.90	291.25	5,471.11	363.77	-878.31	372.34	0.98	-0.97	-0.61
5,663.00	12.52	297.58	5,562.99	372.00	-896.38	380.74	1.57	0.66	6.73
5,734.59	13.15	298.36	5,632.79	379.46	-910.42	388.34	0.91	0.87	1.09
Enter Land Box: (5,734.59' MD 5,632.79' TVD)									
5,759.00	13.36	298.61	5,656.55	382.13	-915.34	391.06	0.91	0.88	1.02
5,854.00	12.26	295.71	5,749.19	391.76	-934.06	400.87	1.34	-1.16	-3.05
5,948.00	10.42	293.53	5,841.35	399.48	-950.85	408.76	2.01	-1.96	-2.32
6,043.00	8.55	291.67	5,935.05	405.52	-965.29	414.94	1.99	-1.97	-1.96
6,137.00	6.96	288.00	6,028.18	409.86	-977.20	419.39	1.77	-1.69	-3.90
6,231.00	5.82	284.99	6,121.60	412.86	-987.22	422.48	1.26	-1.21	-3.20
6,324.00	5.02	282.62	6,214.18	414.96	-995.75	424.68	0.89	-0.86	-2.55
6,418.00	4.01	281.09	6,307.89	416.50	-1,002.99	426.28	1.08	-1.07	-1.63
6,510.00	1.76	284.55	6,399.77	417.47	-1,007.51	427.30	2.45	-2.45	3.76
6,604.00	1.47	307.31	6,493.73	418.56	-1,009.87	428.41	0.74	-0.31	24.21
6,697.00	1.60	305.54	6,586.70	420.04	-1,011.87	429.91	0.15	0.14	-1.90
6,792.00	10.76	3.95	6,681.08	429.68	-1,012.34	439.56	10.54	9.64	61.48
6,885.00	22.07	2.36	6,770.15	455.89	-1,011.02	465.75	12.17	12.16	-1.71
6,979.00	29.72	358.70	6,854.65	496.89	-1,010.82	506.74	8.31	8.14	-3.89
7,072.00	34.00	356.63	6,933.63	545.92	-1,012.87	555.79	4.75	4.60	-2.23
7,166.00	38.67	357.98	7,009.33	601.53	-1,015.46	611.43	5.04	4.97	1.44
7,262.00	48.02	357.69	7,079.07	667.31	-1,017.96	677.22	9.74	9.74	-0.30
7,357.00	57.60	358.02	7,136.42	742.85	-1,020.77	752.79	10.09	10.08	0.35
7,452.00	65.17	358.30	7,181.89	826.14	-1,023.44	836.10	7.97	7.97	0.29
7,546.00	72.59	358.31	7,215.73	913.73	-1,026.03	923.71	7.89	7.89	0.01
7,641.00	83.54	0.56	7,235.35	1,006.52	-1,026.91	1,016.51	11.76	11.53	2.37
7,736.00	90.50	0.28	7,240.29	1,101.33	-1,026.22	1,111.31	7.33	7.33	-0.29
Landing Point (62' FNL Sec 32 338' FWL Sec 32)									
7,831.00	88.99	358.08	7,240.71	1,196.31	-1,027.58	1,206.30	2.81	-1.59	-2.32
7,925.00	89.23	357.74	7,242.17	1,290.24	-1,031.00	1,300.25	0.44	0.26	-0.36
8,019.00	88.86	357.61	7,243.74	1,384.15	-1,034.82	1,394.20	0.42	-0.39	-0.14
8,112.00	89.70	359.03	7,244.91	1,477.10	-1,037.54	1,487.17	1.77	0.90	1.53
8,206.00	89.90	0.10	7,245.24	1,571.09	-1,038.26	1,581.16	1.16	0.21	1.14
8,394.00	90.91	358.33	7,243.91	1,759.06	-1,040.83	1,769.15	1.08	0.54	-0.94
8,489.00	90.87	359.07	7,242.43	1,854.02	-1,042.99	1,864.13	0.78	-0.04	0.78
8,583.00	92.22	2.02	7,239.90	1,947.97	-1,042.09	1,958.06	3.45	1.44	3.14
8,676.00	92.48	2.52	7,236.08	2,040.82	-1,038.41	2,050.87	0.61	0.28	0.54

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Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Denver Sales Office

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8,770.00	91.07	1.35	7,233.17	2,134.72	-1,035.24	2,144.73	1.95	-1.50	-1.24	
8,864.00	90.37	1.63	7,231.99	2,228.68	-1,032.80	2,238.67	0.80	-0.74	0.30	
8,959.00	91.78	1.59	7,230.21	2,323.62	-1,030.13	2,333.58	1.48	1.48	-0.04	
9,054.00	90.60	359.41	7,228.23	2,418.59	-1,029.30	2,428.53	2.61	-1.24	-2.29	
9,148.00	88.35	358.40	7,229.10	2,512.56	-1,031.10	2,522.52	2.62	-2.39	-1.07	
9,242.00	88.29	358.88	7,231.85	2,606.49	-1,033.33	2,616.47	0.51	-0.06	0.51	
9,337.00	88.93	358.55	7,234.16	2,701.44	-1,035.46	2,711.43	0.76	0.67	-0.35	
9,430.00	89.23	358.30	7,235.65	2,794.39	-1,038.01	2,804.41	0.42	0.32	-0.27	
9,525.00	89.50	359.94	7,236.70	2,889.37	-1,039.47	2,899.40	1.75	0.28	1.73	
9,619.00	90.64	1.77	7,236.59	2,983.36	-1,038.07	2,993.36	2.29	1.21	1.95	
9,712.00	90.34	2.48	7,235.79	3,076.29	-1,034.62	3,086.26	0.83	-0.32	0.76	
9,806.00	88.96	0.98	7,236.37	3,170.24	-1,031.78	3,180.17	2.17	-1.47	-1.60	
9,900.00	89.13	0.98	7,237.93	3,264.21	-1,030.17	3,274.13	0.18	0.18	0.00	
9,994.00	90.91	0.75	7,237.90	3,358.20	-1,028.76	3,368.09	1.91	1.89	-0.24	
10,087.00	91.21	359.98	7,236.18	3,451.18	-1,028.16	3,461.06	0.89	0.32	-0.83	
10,181.00	90.03	359.92	7,235.16	3,545.17	-1,028.25	3,555.05	1.26	-1.26	-0.06	
10,275.00	88.96	0.05	7,235.99	3,639.17	-1,028.27	3,649.04	1.15	-1.14	0.14	
10,369.00	89.66	0.18	7,237.12	3,733.16	-1,028.08	3,743.03	0.76	0.74	0.14	
10,463.00	88.42	359.88	7,238.70	3,827.15	-1,028.03	3,837.01	1.36	-1.32	-0.32	
10,557.00	88.32	0.23	7,241.37	3,921.11	-1,027.94	3,930.97	0.39	-0.11	0.37	
10,652.00	90.50	1.00	7,242.35	4,016.09	-1,026.92	4,025.94	2.43	2.29	0.81	
10,746.00	90.30	0.91	7,241.69	4,110.08	-1,025.36	4,119.90	0.23	-0.21	-0.10	
10,840.00	91.11	359.30	7,240.54	4,204.06	-1,025.18	4,213.88	1.92	0.86	-1.71	
10,933.00	91.81	358.44	7,238.17	4,297.01	-1,027.02	4,306.85	1.19	0.75	-0.92	
11,027.00	91.07	358.32	7,235.81	4,390.95	-1,029.67	4,400.80	0.80	-0.79	-0.13	
11,120.00	91.14	357.49	7,234.01	4,483.87	-1,033.07	4,493.75	0.90	0.08	-0.89	
11,213.00	91.14	356.26	7,232.16	4,576.71	-1,038.14	4,586.64	1.32	0.00	-1.32	
11,306.00	91.65	357.88	7,229.90	4,669.56	-1,042.89	4,679.52	1.83	0.55	1.74	
11,398.00	91.84	357.90	7,227.10	4,761.45	-1,046.28	4,771.45	0.21	0.21	0.02	
11,492.00	90.71	356.97	7,225.00	4,855.33	-1,050.48	4,865.37	1.56	-1.20	-0.99	
11,585.00	90.74	358.18	7,223.83	4,948.24	-1,054.42	4,958.31	1.30	0.03	1.30	
11,679.00	92.55	358.41	7,221.13	5,042.15	-1,057.22	5,052.25	1.94	1.93	0.24	
11,772.00	92.62	358.88	7,216.93	5,135.03	-1,059.41	5,145.14	0.51	0.08	0.51	
11,866.00	91.75	359.70	7,213.35	5,228.96	-1,060.58	5,239.07	1.27	-0.93	0.87	
11,958.00	90.75	359.34	7,211.34	5,320.93	-1,061.35	5,331.05	1.16	-1.09	-0.39	
12,053.00	90.13	359.77	7,210.61	5,415.92	-1,062.08	5,426.04	0.79	-0.65	0.45	
12,148.00	92.05	359.83	7,208.81	5,510.90	-1,062.42	5,521.02	2.02	2.02	0.06	
12,241.00	91.78	359.51	7,205.70	5,603.85	-1,062.95	5,613.97	0.45	-0.29	-0.34	
12,333.00	90.20	359.83	7,204.11	5,695.83	-1,063.48	5,705.95	1.75	-1.72	0.35	
12,427.00	89.40	358.77	7,204.44	5,789.82	-1,064.63	5,799.95	1.41	-0.85	-1.13	
12,521.00	90.44	358.49	7,204.57	5,883.79	-1,066.88	5,893.94	1.15	1.11	-0.30	
12,616.00	90.30	357.84	7,203.96	5,978.74	-1,069.92	5,988.91	0.70	-0.15	-0.68	
12,711.00	90.44	357.91	7,203.34	6,073.67	-1,073.44	6,083.87	0.16	0.15	0.07	

Company:	US ROCKIES REGION PLANNING	Local Co-ordinate Reference:	Well Land Fed 30N-29HZ
Project:	US Rockies Wattenberg Planning	TVD Reference:	GL 4899' & KB 20' @ 4919.00ft (Precision 461)
Site:	Land 18-32HZ Pad 2N-66W-32	MD Reference:	GL 4899' & KB 20' @ 4919.00ft (Precision 461)
Well:	Land Fed 30N-29HZ	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Denver Sales Office

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,805.00	92.92	357.88	7,200.59	6,167.56	-1,076.89	6,177.79	2.64	2.64	-0.03
12,843.00	94.20	357.87	7,198.23	6,205.46	-1,078.30	6,215.70	3.37	3.37	-0.03
Last SDI MWD Survey									
12,910.00	94.20	357.87	7,193.32	6,272.23	-1,080.78	6,282.50	0.00	0.00	0.00
Projection to TD (34' FNL 320' FWL)									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
77.50	77.50	-0.16	-0.08	First SDI Gyro Survey
1,662.50	1,650.60	70.44	-121.04	Last SDI Gyro Survey
1,889.00	1,872.16	90.02	-163.79	First SDI MWD Production Survey
5,734.59	5,632.79	379.46	-910.42	Enter Land Box: (5,734.59' MD 5,632.79' TVD)
7,736.00	7,240.29	1,101.33	-1,026.22	Landing Point (62' FNL Sec 32 338' FWL Sec 32)
12,843.00	7,198.23	6,205.46	-1,078.30	Last SDI MWD Survey
12,910.00	7,193.32	6,272.23	-1,080.78	Projection to TD (34' FNL 320' FWL)

Checked By: _____ Approved By: _____ Date: _____