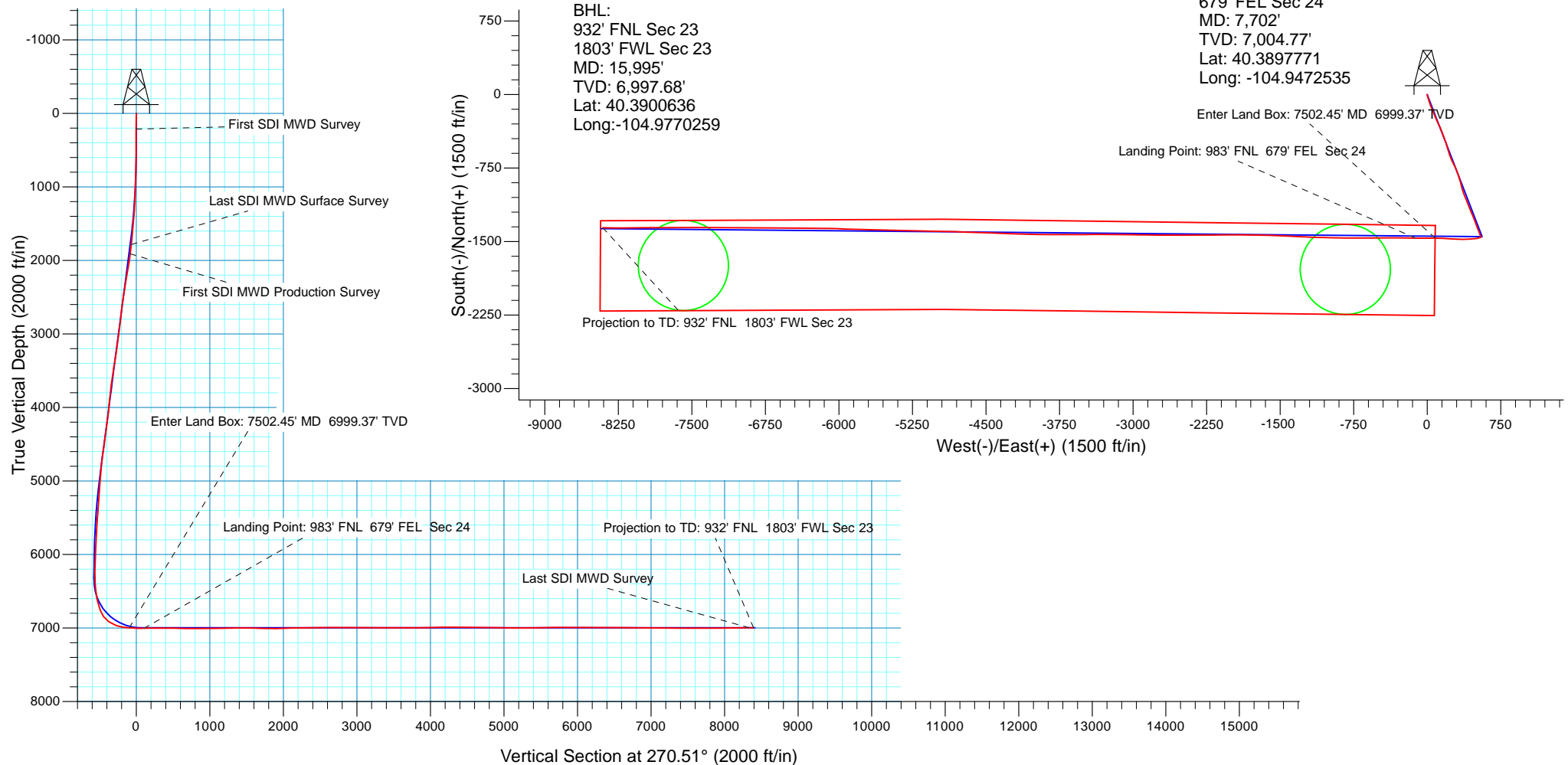


WELL DETAILS: Folley South 3				
GL 4887' & KB 20' @ 4907.00ft (Precision 461)	4887.00			
Northing	Easting	Latitude	Longitude	
14670141.67	1655221.09	40.3938010	-104.9468300	

Design: OH (Folley South 3/OH)
Created By: Seth Burstad Date: 9-05-2016

ANNOTATIONS						
TVD	MD	Inc	Azi	+N/-S	+E/-W	Annotation
214.00	214.00	0.24	72.18	0.14	0.43	First SDI MWD Survey
1783.77	1802.00	16.63	159.31	-187.62	64.38	Last SDI MWD Surface Survey
1911.70	1936.00	17.99	156.86	-224.59	79.29	First SDI MWD Production Survey
6999.37	7502.45	87.31	270.12	-1466.20	81.50	Enter Land Box: 7502.45' MD 6999.37' TVD
7004.77	7702.00	91.34	271.06	-1465.36	-117.93	Landing Point: 983' FNL 679' FEL Sec 24
6997.27	15936.00	89.60	271.16	-1360.79	-8349.11	Last SDI MWD Survey
6997.68	15995.00	89.60	271.16	-1359.60	-8408.10	Projection to TD: 932' FNL 1803' FWL Sec 23

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



Company:	US ROCKIES REGION PLANNING	Local Co-ordinate Reference:	Well Folley South 3
Project:	US Rockies Wattenberg Planning	TVD Reference:	GL 4887' & KB 20' @ 4907.00ft (Precision 461)
Site:	Folley, 5N-68W-13	MD Reference:	GL 4887' & KB 20' @ 4907.00ft (Precision 461)
Well:	Folley South 3	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	Folley, 5N-68W-13, Site Center: Folley South 1		
Site Position:		Northing:	14,670,156.60 usft
From:	Lat/Long	Easting:	1,655,221.07 usft
Position Uncertainty:	0.00 ft	Slot Radius:	13.200 in
		Latitude:	40.3938420
		Longitude:	-104.9468300
		Grid Convergence:	0.03 °

Well	Folley South 3, 482' FSL 561' FEL Sec 13 T5N R68W		
Well Position	+N/-S	0.00 ft	Northing: 14,670,141.67 usft
	+E/-W	0.00 ft	Easting: 1,655,221.08 usft
Position Uncertainty	0.00 ft	Wellhead Elevation:	0.00 ft
		Latitude:	40.3938010
		Longitude:	-104.9468300
		Ground Level:	4,887.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2016	7/27/2016	8.55	66.86	52,462
	User Defined	8/19/2016	8.43	66.72	52,591

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	270.51	

Survey Program	Date	9/5/2016			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
214.00	1,802.00	Survey #1 - Surface (OH)	APC_ISCWSA REV 2 MWD+	Fixed:v2:crustal field declination	
1,936.00	15,995.00	Survey #2 - 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	
214.00	0.24	72.18	214.00	0.14	0.43	-0.43	0.11	0.11	0.00	
First SDI MWD Survey										
308.00	0.81	160.87	308.00	-0.43	0.83	-0.84	0.89	0.61	94.35	
401.00	0.95	177.73	400.99	-1.82	1.08	-1.09	0.31	0.15	18.13	
494.00	1.03	180.56	493.97	-3.43	1.10	-1.13	0.10	0.09	3.04	
588.00	2.06	173.70	587.94	-5.95	1.28	-1.33	1.11	1.10	-7.30	
681.00	2.73	173.15	680.85	-9.81	1.72	-1.81	0.72	0.72	-0.59	

Company:	US ROCKIES REGION PLANNING	Local Co-ordinate Reference:	Well Folley South 3
Project:	US Rockies Wattenberg Planning	TVD Reference:	GL 4887' & KB 20' @ 4907.00ft (Precision 461)
Site:	Folley, 5N-68W-13	MD Reference:	GL 4887' & KB 20' @ 4907.00ft (Precision 461)
Well:	Folley South 3	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)
774.00	3.94	168.86	773.70	-15.15	2.61	-2.74	1.33	1.30	-4.61
867.00	5.72	166.28	866.36	-22.78	4.32	-4.53	1.93	1.91	-2.77
961.00	7.74	161.97	959.71	-33.36	7.39	-7.69	2.21	2.15	-4.59
1,055.00	9.15	161.23	1,052.69	-46.45	11.76	-12.17	1.50	1.50	-0.79
1,150.00	9.22	161.80	1,146.47	-60.83	16.57	-17.11	0.12	0.07	0.60
1,243.00	9.58	163.30	1,238.22	-75.32	21.12	-21.79	0.47	0.39	1.61
1,336.00	10.41	160.52	1,329.81	-90.66	26.14	-26.95	1.03	0.89	-2.99
1,431.00	11.18	158.14	1,423.13	-107.30	32.43	-33.39	0.94	0.81	-2.51
1,523.00	12.00	158.07	1,513.25	-124.45	39.33	-40.43	0.89	0.89	-0.08
1,618.00	13.21	157.52	1,605.96	-143.64	47.17	-48.44	1.28	1.27	-0.58
1,712.00	14.87	158.75	1,697.15	-164.81	55.64	-57.11	1.79	1.77	1.31
1,802.00	16.63	159.31	1,783.77	-187.62	64.38	-66.05	1.96	1.96	0.62
Last SDI MWD Surface Survey									
1,936.00	17.99	156.86	1,911.70	-224.59	79.29	-81.28	1.15	1.01	-1.83
First SDI MWD Production Survey									
2,029.00	19.11	155.27	1,999.86	-251.62	91.30	-93.54	1.32	1.20	-1.71
2,123.00	22.18	155.95	2,087.82	-281.81	104.97	-107.48	3.28	3.27	0.72
2,217.00	21.27	154.13	2,175.14	-313.35	119.64	-122.43	1.20	-0.97	-1.94
2,312.00	22.25	155.74	2,263.37	-345.26	134.55	-137.62	1.21	1.03	1.69
2,406.00	24.31	159.72	2,349.72	-379.64	148.57	-151.95	2.76	2.19	4.23
2,499.00	23.14	160.01	2,434.86	-414.77	161.46	-165.14	1.26	-1.26	0.31
2,594.00	21.25	158.37	2,522.81	-448.31	174.18	-178.17	2.09	-1.99	-1.73
2,687.00	20.63	159.17	2,609.67	-479.29	186.22	-190.48	0.73	-0.67	0.86
2,782.00	21.53	163.50	2,698.32	-511.65	197.13	-201.67	1.89	0.95	4.56
2,875.00	21.10	165.28	2,784.96	-544.21	206.23	-211.06	0.84	-0.46	1.91
2,969.00	19.97	162.64	2,872.99	-575.89	215.32	-220.43	1.55	-1.20	-2.81
3,062.00	20.51	161.76	2,960.24	-606.52	225.15	-230.54	0.67	0.58	-0.95
3,156.00	20.60	160.65	3,048.26	-637.77	235.79	-241.45	0.43	0.10	-1.18
3,251.00	20.29	153.76	3,137.29	-668.31	248.61	-254.55	2.55	-0.33	-7.25
3,345.00	19.93	153.18	3,225.56	-697.23	263.04	-269.24	0.44	-0.38	-0.62
3,438.00	19.38	154.89	3,313.14	-725.35	276.74	-283.19	0.86	-0.59	1.84
3,533.00	18.78	155.48	3,402.92	-753.53	289.78	-296.47	0.66	-0.63	0.62
3,627.00	22.04	159.62	3,491.01	-783.84	302.20	-309.17	3.79	3.47	4.40
3,720.00	24.29	161.49	3,576.51	-818.34	314.35	-321.63	2.55	2.42	2.01
3,812.00	24.05	162.61	3,660.44	-854.18	325.96	-333.56	0.56	-0.26	1.22
3,907.00	24.06	163.32	3,747.19	-891.20	337.31	-345.23	0.30	0.01	0.75
4,002.00	20.83	164.96	3,834.99	-926.07	347.25	-355.48	3.46	-3.40	1.73
4,097.00	18.32	166.13	3,924.49	-956.89	355.22	-363.72	2.67	-2.64	1.23
4,192.00	19.14	162.92	4,014.46	-986.27	363.37	-372.13	1.39	0.86	-3.38
4,286.00	18.09	158.06	4,103.55	-1,014.54	373.35	-382.37	1.99	-1.12	-5.17
4,380.00	19.21	156.67	4,192.61	-1,042.28	384.93	-394.19	1.28	1.19	-1.48
4,474.00	19.13	158.40	4,281.40	-1,070.80	396.72	-406.24	0.61	-0.09	1.84
4,569.00	19.27	159.56	4,371.11	-1,099.96	407.93	-417.70	0.43	0.15	1.22
4,662.00	19.04	157.46	4,458.97	-1,128.35	419.10	-429.13	0.78	-0.25	-2.26

Company:	US ROCKIES REGION PLANNING	Local Co-ordinate Reference:	Well Folley South 3
Project:	US Rockies Wattenberg Planning	TVD Reference:	GL 4887' & KB 20' @ 4907.00ft (Precision 461)
Site:	Folley, 5N-68W-13	MD Reference:	GL 4887' & KB 20' @ 4907.00ft (Precision 461)
Well:	Folley South 3	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)
4,756.00	21.22	158.33	4,547.22	-1,158.33	431.26	-441.56	2.34	2.32	0.93
4,851.00	19.95	157.55	4,636.15	-1,189.28	443.80	-454.37	1.37	-1.34	-0.82
4,968.00	15.14	156.88	4,747.68	-1,221.80	457.43	-468.29	4.11	-4.11	-0.57
5,062.00	12.68	154.60	4,838.91	-1,242.41	466.68	-477.72	2.68	-2.62	-2.43
5,157.00	11.88	159.30	4,931.74	-1,260.98	474.61	-485.81	1.35	-0.84	4.95
5,251.00	11.33	160.59	5,023.82	-1,278.74	481.09	-492.46	0.65	-0.59	1.37
5,346.00	12.18	158.34	5,116.83	-1,296.86	487.89	-499.42	1.02	0.89	-2.37
5,441.00	11.87	161.15	5,209.74	-1,315.42	494.75	-506.44	0.70	-0.33	2.96
5,535.00	10.94	156.32	5,301.89	-1,332.74	501.46	-513.30	1.42	-0.99	-5.14
5,629.00	11.69	162.64	5,394.06	-1,350.00	507.88	-519.88	1.54	0.80	6.72
5,723.00	11.09	158.16	5,486.21	-1,367.48	514.09	-526.24	1.14	-0.64	-4.77
5,819.00	9.75	157.85	5,580.63	-1,383.58	520.59	-532.88	1.40	-1.40	-0.32
5,914.00	8.77	161.02	5,674.39	-1,397.88	525.97	-538.40	1.16	-1.03	3.34
6,006.00	7.92	158.17	5,765.42	-1,410.39	530.61	-543.15	1.03	-0.92	-3.10
6,100.00	7.48	158.08	5,858.57	-1,422.08	535.30	-547.94	0.47	-0.47	-0.10
6,193.00	7.20	155.58	5,950.81	-1,433.00	539.97	-552.71	0.46	-0.30	-2.69
6,287.00	5.25	159.17	6,044.25	-1,442.39	543.94	-556.76	2.11	-2.07	3.82
6,380.00	3.22	160.15	6,136.99	-1,448.82	546.34	-559.21	2.18	-2.18	1.05
6,473.00	2.15	166.01	6,229.88	-1,452.97	547.65	-560.56	1.19	-1.15	6.30
6,568.00	1.57	187.86	6,324.84	-1,455.99	547.90	-560.84	0.95	-0.61	23.00
6,660.00	4.56	250.60	6,416.71	-1,458.45	544.28	-557.24	4.44	3.25	68.20
6,754.00	7.74	253.24	6,510.16	-1,461.52	534.69	-547.68	3.40	3.38	2.81
6,848.00	12.07	257.13	6,602.74	-1,465.54	519.04	-532.06	4.66	4.61	4.14
6,943.00	15.57	261.19	6,694.97	-1,469.70	496.75	-509.81	3.82	3.68	4.27
7,015.00	20.94	265.55	6,763.33	-1,472.18	474.36	-487.44	7.69	7.46	6.06
7,109.00	37.11	266.29	6,845.25	-1,475.34	429.01	-442.12	17.21	17.20	0.79
7,204.00	53.10	268.65	6,912.09	-1,478.11	362.00	-375.14	16.92	16.83	2.48
7,323.00	71.54	275.29	6,967.18	-1,473.99	257.23	-270.34	16.25	15.50	5.58
7,418.00	80.31	272.29	6,990.27	-1,467.95	165.39	-178.45	9.73	9.23	-3.16
7,502.45	87.31	270.12	6,999.37	-1,466.20	81.50	-94.55	8.67	8.28	-2.57
Enter Land Box									
7,513.00	88.18	269.85	6,999.79	-1,466.20	70.96	-84.01	8.67	8.29	-2.54
7,607.00	87.21	270.05	7,003.57	-1,466.28	-22.96	9.91	1.05	-1.03	0.21
7,702.00	91.34	271.06	7,004.77	-1,465.36	-117.93	104.88	4.48	4.35	1.06
Landing Point: 983' FNL 679' FEL Sec 24									
7,795.00	92.05	271.22	7,002.02	-1,463.51	-210.87	197.83	0.78	0.76	0.17
7,890.00	89.77	270.09	7,000.51	-1,462.43	-305.84	292.81	2.68	-2.40	-1.19
7,985.00	89.40	270.27	7,001.20	-1,462.13	-400.84	387.81	0.43	-0.39	0.19
8,078.00	88.05	268.67	7,003.27	-1,462.99	-493.81	480.76	2.25	-1.45	-1.72
8,171.00	89.03	269.71	7,005.64	-1,464.30	-586.76	573.71	1.54	1.05	1.12
8,266.00	89.16	268.74	7,007.14	-1,465.59	-681.74	668.67	1.03	0.14	-1.02
8,358.00	90.64	271.16	7,007.30	-1,465.67	-773.73	760.66	3.08	1.61	2.63
8,451.00	90.30	271.13	7,006.53	-1,463.81	-866.71	853.65	0.37	-0.37	-0.03

Company:	US ROCKIES REGION PLANNING	Local Co-ordinate Reference:	Well Folley South 3
Project:	US Rockies Wattenberg Planning	TVD Reference:	GL 4887' & KB 20' @ 4907.00ft (Precision 461)
Site:	Folley, 5N-68W-13	MD Reference:	GL 4887' & KB 20' @ 4907.00ft (Precision 461)
Well:	Folley South 3	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)
8,546.00	90.91	272.36	7,005.53	-1,460.92	-961.66	948.62	1.45	0.64	1.29
8,639.00	89.73	269.86	7,005.01	-1,459.12	-1,054.63	1,041.60	2.97	-1.27	-2.69
8,733.00	90.94	272.03	7,004.46	-1,457.57	-1,148.61	1,135.59	2.64	1.29	2.31
8,827.00	91.81	273.17	7,002.21	-1,453.30	-1,242.48	1,229.50	1.53	0.93	1.21
8,920.00	90.57	272.12	7,000.27	-1,449.01	-1,335.36	1,322.41	1.75	-1.33	-1.13
9,014.00	89.93	272.94	6,999.86	-1,444.86	-1,429.27	1,416.35	1.11	-0.68	0.87
9,109.00	88.99	272.36	7,000.76	-1,440.47	-1,524.16	1,511.28	1.16	-0.99	-0.61
9,203.00	88.72	271.13	7,002.64	-1,437.61	-1,618.10	1,605.24	1.34	-0.29	-1.31
9,297.00	89.03	271.48	7,004.48	-1,435.47	-1,712.05	1,699.21	0.50	0.33	0.37
9,391.00	88.43	271.25	7,006.57	-1,433.23	-1,806.00	1,793.17	0.68	-0.64	-0.24
9,485.00	89.73	270.54	7,008.08	-1,431.76	-1,899.98	1,887.16	1.58	1.38	-0.76
9,579.00	91.44	269.26	7,007.12	-1,431.93	-1,993.97	1,981.14	2.27	1.82	-1.36
9,672.00	91.78	269.39	7,004.50	-1,433.02	-2,086.92	2,074.08	0.39	0.37	0.14
9,767.00	92.65	269.54	7,000.83	-1,433.91	-2,181.85	2,169.00	0.93	0.92	0.16
9,860.00	90.74	269.91	6,998.08	-1,434.35	-2,274.80	2,261.94	2.09	-2.05	0.40
9,952.00	91.21	269.96	6,996.52	-1,434.46	-2,366.79	2,353.92	0.51	0.51	0.05
10,046.00	90.17	269.70	6,995.38	-1,434.74	-2,460.78	2,447.91	1.14	-1.11	-0.28
10,140.00	90.71	269.69	6,994.66	-1,435.24	-2,554.77	2,541.90	0.57	0.57	-0.01
10,234.00	90.27	270.42	6,993.86	-1,435.15	-2,648.77	2,635.89	0.91	-0.47	0.78
10,328.00	90.17	270.11	6,993.50	-1,434.71	-2,742.77	2,729.89	0.35	-0.11	-0.33
10,421.00	90.13	270.55	6,993.25	-1,434.18	-2,835.77	2,822.89	0.48	-0.04	0.47
10,516.00	90.20	271.16	6,992.98	-1,432.76	-2,930.75	2,917.88	0.65	0.07	0.64
10,610.00	89.80	270.97	6,992.98	-1,431.01	-3,024.74	3,011.88	0.47	-0.43	-0.20
10,705.00	89.56	271.01	6,993.51	-1,429.37	-3,119.72	3,106.88	0.26	-0.25	0.04
10,799.00	89.43	270.07	6,994.34	-1,428.48	-3,213.71	3,200.87	1.01	-0.14	-1.00
10,893.00	89.36	270.12	6,995.33	-1,428.33	-3,307.71	3,294.86	0.09	-0.07	0.05
10,987.00	89.46	269.77	6,996.30	-1,428.42	-3,401.70	3,388.85	0.39	0.11	-0.37
11,082.00	88.39	269.38	6,998.08	-1,429.12	-3,496.68	3,483.82	1.20	-1.13	-0.41
11,177.00	89.50	269.68	6,999.83	-1,429.90	-3,591.66	3,578.79	1.21	1.17	0.32
11,271.00	89.97	270.26	7,000.27	-1,429.95	-3,685.66	3,672.78	0.79	0.50	0.62
11,365.00	90.84	269.70	6,999.60	-1,429.98	-3,779.66	3,766.78	1.10	0.93	-0.60
11,459.00	91.88	270.16	6,997.37	-1,430.10	-3,873.63	3,860.74	1.21	1.11	0.49
11,554.00	91.07	271.40	6,994.92	-1,428.81	-3,968.58	3,955.71	1.56	-0.85	1.31
11,648.00	91.61	271.67	6,992.73	-1,426.29	-4,062.52	4,049.67	0.64	0.57	0.29
11,743.00	90.10	271.72	6,991.31	-1,423.48	-4,157.47	4,144.63	1.59	-1.59	0.05
11,837.00	90.07	272.14	6,991.17	-1,420.31	-4,251.42	4,238.61	0.45	-0.03	0.45
11,932.00	90.30	272.86	6,990.86	-1,416.17	-4,346.32	4,333.55	0.80	0.24	0.76
12,025.00	89.23	271.51	6,991.24	-1,412.62	-4,439.25	4,426.50	1.85	-1.15	-1.45
12,120.00	88.73	271.05	6,992.94	-1,410.50	-4,534.21	4,521.48	0.72	-0.53	-0.48
12,214.00	90.00	272.13	6,993.98	-1,407.89	-4,628.17	4,615.45	1.77	1.35	1.15
12,307.00	90.80	273.09	6,993.33	-1,403.66	-4,721.07	4,708.39	1.34	0.86	1.03
12,400.00	89.23	271.46	6,993.30	-1,399.97	-4,813.99	4,801.34	2.43	-1.69	-1.75
12,493.00	88.79	271.35	6,994.91	-1,397.69	-4,906.95	4,894.31	0.49	-0.47	-0.12
12,587.00	88.42	271.94	6,997.20	-1,394.99	-5,000.88	4,988.26	0.74	-0.39	0.63

Company:	US ROCKIES REGION PLANNING	Local Co-ordinate Reference:	Well Folley South 3
Project:	US Rockies Wattenberg Planning	TVD Reference:	GL 4887' & KB 20' @ 4907.00ft (Precision 461)
Site:	Folley, 5N-68W-13	MD Reference:	GL 4887' & KB 20' @ 4907.00ft (Precision 461)
Well:	Folley South 3	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)
12,682.00	89.66	271.05	6,998.79	-1,392.51	-5,095.83	5,083.23	1.61	1.31	-0.94
12,776.00	88.86	270.26	7,000.00	-1,391.44	-5,189.81	5,177.22	1.20	-0.85	-0.84
12,870.00	90.81	271.53	7,000.27	-1,389.97	-5,283.80	5,271.21	2.48	2.07	1.35
12,962.00	91.14	271.38	6,998.71	-1,387.63	-5,375.75	5,363.19	0.39	0.36	-0.16
13,056.00	91.68	271.78	6,996.40	-1,385.04	-5,469.69	5,457.14	0.71	0.57	0.43
13,151.00	91.01	271.22	6,994.17	-1,382.56	-5,564.63	5,552.10	0.92	-0.71	-0.59
13,246.00	90.47	271.48	6,992.94	-1,380.32	-5,659.59	5,647.08	0.63	-0.57	0.27
13,339.00	90.03	271.21	6,992.53	-1,378.14	-5,752.57	5,740.07	0.56	-0.47	-0.29
13,433.00	89.83	271.59	6,992.65	-1,375.84	-5,846.54	5,834.06	0.46	-0.21	0.40
13,526.00	89.97	272.27	6,992.81	-1,372.71	-5,939.49	5,927.03	0.75	0.15	0.73
13,620.00	89.76	272.58	6,993.03	-1,368.73	-6,033.40	6,020.98	0.40	-0.22	0.33
13,712.00	88.69	270.72	6,994.28	-1,366.08	-6,125.35	6,112.95	2.33	-1.16	-2.02
13,807.00	89.56	270.06	6,995.73	-1,365.43	-6,220.33	6,207.93	1.15	0.92	-0.69
13,902.00	89.23	270.69	6,996.73	-1,364.81	-6,315.33	6,302.93	0.75	-0.35	0.66
13,996.00	89.80	270.29	6,997.53	-1,364.01	-6,409.32	6,396.92	0.74	0.61	-0.43
14,092.00	90.34	270.27	6,997.41	-1,363.54	-6,505.32	6,492.92	0.56	0.56	-0.02
14,185.00	90.27	270.61	6,996.91	-1,362.83	-6,598.31	6,585.92	0.37	-0.08	0.37
14,280.00	90.23	270.28	6,996.50	-1,362.09	-6,693.31	6,680.92	0.35	-0.04	-0.35
14,375.00	90.30	270.91	6,996.06	-1,361.10	-6,788.30	6,775.92	0.67	0.07	0.66
14,469.00	89.66	269.82	6,996.09	-1,360.50	-6,882.30	6,869.92	1.34	-0.68	-1.16
14,562.00	89.03	270.13	6,997.16	-1,360.54	-6,975.29	6,962.91	0.75	-0.68	0.33
14,657.00	88.69	271.01	6,999.05	-1,359.60	-7,070.27	7,057.89	0.99	-0.36	0.93
14,750.00	89.33	269.99	7,000.65	-1,358.79	-7,163.25	7,150.87	1.29	0.69	-1.10
14,844.00	90.27	270.88	7,000.98	-1,358.07	-7,257.24	7,244.87	1.38	1.00	0.95
14,939.00	89.50	270.29	7,001.17	-1,357.10	-7,352.24	7,339.87	1.02	-0.81	-0.62
15,032.00	88.62	270.42	7,002.70	-1,356.53	-7,445.22	7,432.85	0.96	-0.95	0.14
15,127.00	89.40	269.14	7,004.34	-1,356.89	-7,540.20	7,527.83	1.58	0.82	-1.35
15,221.00	90.40	270.56	7,004.50	-1,357.14	-7,634.20	7,621.82	1.85	1.06	1.51
15,316.00	89.87	269.07	7,004.28	-1,357.45	-7,729.20	7,716.81	1.66	-0.56	-1.57
15,410.00	90.50	269.23	7,003.98	-1,358.84	-7,823.18	7,810.78	0.69	0.67	0.17
15,505.00	90.94	269.62	7,002.78	-1,359.79	-7,918.17	7,905.75	0.62	0.46	0.41
15,599.00	90.77	269.28	7,001.38	-1,360.70	-8,012.16	7,999.73	0.40	-0.18	-0.36
15,694.00	91.11	269.59	6,999.82	-1,361.63	-8,107.14	8,094.70	0.48	0.36	0.33
15,789.00	90.97	270.01	6,998.10	-1,361.96	-8,202.12	8,189.68	0.47	-0.15	0.44
15,883.00	90.17	270.49	6,997.16	-1,361.55	-8,296.12	8,283.67	0.99	-0.85	0.51
15,936.00	89.60	271.16	6,997.27	-1,360.79	-8,349.11	8,336.67	1.66	-1.08	1.26
Last SDI MWD Survey									
15,995.00	89.60	271.16	6,997.68	-1,359.60	-8,408.10	8,395.66	0.00	0.00	0.00
Projection to TD: 932' FNL 1803' FWL Sec 23									

Company:	US ROCKIES REGION PLANNING	Local Co-ordinate Reference:	Well Folley South 3
Project:	US Rockies Wattenberg Planning	TVD Reference:	GL 4887' & KB 20' @ 4907.00ft (Precision 461)
Site:	Folley, 5N-68W-13	MD Reference:	GL 4887' & KB 20' @ 4907.00ft (Precision 461)
Well:	Folley South 3	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Denver Sales Office

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
214.00	214.00	0.14	0.43	First SDI MWD Survey
1,802.00	1,783.77	-187.62	64.38	Last SDI MWD Surface Survey
1,936.00	1,911.70	-224.59	79.29	First SDI MWD Production Survey
7,502.45	6,999.37	-1,466.20	81.50	Enter Land Box
7,702.00	7,004.77	-1,465.36	-117.93	Landing Point: 983' FNL 679' FEL Sec 24
15,936.00	6,997.27	-1,360.79	-8,349.11	Last SDI MWD Survey
15,995.00	6,997.68	-1,359.60	-8,408.10	Projection to TD: 932' FNL 1803' FWL Sec 23

Checked By: _____	Approved By: _____	Date: _____
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