

MENDELL ENERGY, LLC

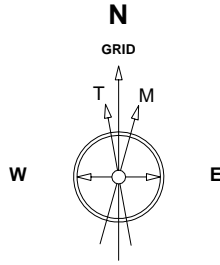
Location DJ Basin
Field SPINDLE
Installation AFTON-Revised

Slot Afton 12-16H-1
Well AFTON 12-16H-1
Wellbore AFTON 12-16H-1 (PWB)

Scale 1 cm = 200 ft

East (Feet) ->

-1200 -800 -400 0 400



8-Jul-2013
IGRF Model [1900.0-2020.0] Dip: 66.60 deg Field: 52608.8 nT
Lat: N39 58 24.9305 Long: W104 56 31.9842 Elev: 5153.00 ft
Magnetic North is 8.70 deg East of True North
GRID North is 0.36 deg East of True North
To correct azimuth from True to GRID subtract 0.36 deg
To correct azimuth from Magnetic to GRID add 8.34 deg

9 5/8in Surface Casing Surf CSG
2.00
6.00

WELL PROFILE DATA

Point	MD	Inc	Azi	TVD	North	East	deg/100ft	V. Sect
KOP	1237.00	0.00	217.73	1237.00	0.00	0.00	0.00	0.00
End of Build	1670.21	8.66	217.73	1668.57	-25.86	-20.00	2.00	-22.63
End of Hold	7405.88	8.66	217.73	7338.78	-709.27	-548.71	0.00	-620.59
Target AFTON 12-16H-1	8375.43	90.13	359.79	7977.00	-139.28	-610.74	10.00	-47.69
T.D. & Target AFTON 12-	12717.74	90.13	359.79	7967.00	4202.98	-626.74	0.00	4249.45

Surface 0.00 N 0.00 W

E/2 Sec 12

AFTON 12-16H-1 Rev - T1

Scale 1 cm = 250 ft

<- True Vertical Depth (Feet)

<- North(Feet)

Scale 1 cm = 200 ft

20.00
40.00
80.00
DLS: 10.00 deg/100ft

AFTON 12-16H-1 Rev - T1 AFTON 12-16H-1 Rev - T2

7.0in Intermediate Casing 7" CSG

4 1/2in Production Liner LNR

Scale 1 cm = 250 ft

Vertical Section (Feet) ->

Azimuth 351.52 with reference 0.00 N, 0.00 W from Installation Centre

Created by admin
Date plotted 28-Jul-2015
Plot reference is AFTON 12-16H-1 (PWB).
Ref wellpath is AFTON 12-16H-1 (PWP#1).
Coordinates are in Feet reference Installation Centre.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: Planned Datum #1
Rig Datum to Mean Sea Level: 5166.00 ft.
Plot North is aligned to GRID North.

INTEGRATED PETROLEUM TECHNOLOGIES, INC
SYSDRILL
Well Design Combined Report
Wellbore: AFTON 12-16H-1 (PWB)



Wellhead Details							
Name	Northing	Easting	Latitude	Longitude	North	East	Elevation Above Inst.
Afton 12-16H-1	1233718.6871	3156324.1560	39.97359182	-104.94221784	0.00N	0.00E	-0.00

Declination			
Date	Source	Time	
8-Jul-2013	IGRF Model [1900.0-2020.0]		08:51

Site Details				
Name	Northing	Easting	Coord System Name	North Alignment
AFTON-Revised	1233718.6871	3156324.1575	CO83-NF on NORTH AMERICAN DATUM 1983 datum	Grid

Summary Wellpath									
MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Northing	Easting
13.00	0.00	0.000	13.00	0.00N	0.00E		0.00	1233718.69	3156324.16
1250.00	0.00	217.730	1250.00	0.00N	0.00E	==>	0.00	1233718.69	3156324.16
1683.21	8.66	217.730	1681.57	25.86S	20.00W	2.00	-22.63	1233692.83	3156304.15
7418.88	8.66	217.730	7351.78	709.27S	548.71W	==>	-620.59	1233009.44	3155775.47
8388.43	90.13	359.790	7990.00	139.28S	610.74W	10.00	-47.69	1233579.41	3155713.44
12730.74	90.13	359.790	7980.00	4202.98N	626.74W	==>	4249.45	1237921.53	3155697.44

Interpolated Wellpath								
MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	All Station Comments
0.00	0.00	0.000	0.00	0.00N	0.00E		0.00	Rig Datum
13.00	0.00	0.000	13.00	0.00N	0.00E	==>	0.00	Slot Datum
100.00	0.00	0.000	100.00	0.00N	0.00E	==>	0.00	
200.00	0.00	0.000	200.00	0.00N	0.00E	==>	0.00	
300.00	0.00	0.000	300.00	0.00N	0.00E	==>	0.00	
400.00	0.00	0.000	400.00	0.00N	0.00E	==>	0.00	
500.00	0.00	0.000	500.00	0.00N	0.00E	==>	0.00	
600.00	0.00	0.000	600.00	0.00N	0.00E	==>	0.00	
700.00	0.00	0.000	700.00	0.00N	0.00E	==>	0.00	
800.00	0.00	0.000	800.00	0.00N	0.00E	==>	0.00	
900.00	0.00	0.000	900.00	0.00N	0.00E	==>	0.00	
1000.00	0.00	0.000	1000.00	0.00N	0.00E	==>	0.00	
1100.00	0.00	0.000	1100.00	0.00N	0.00E	==>	0.00	
1200.00	0.00	0.000	1200.00	0.00N	0.00E	==>	0.00	
1250.00	0.00	217.730	1250.00	0.00N	0.00E	==>	0.00	3DS Kick off Point, 9 5/8in Surface Casing
1300.00	1.00	217.730	1300.00	0.35S	0.27W	2.00	-0.30	
1400.00	3.00	217.730	1399.93	3.11S	2.40W	2.00	-2.72	
1500.00	5.00	217.730	1499.68	8.62S	6.67W	2.00	-7.54	
1600.00	7.00	217.730	1599.13	16.89S	13.07W	2.00	-14.78	
1683.21	8.66	217.730	1681.57	25.86S	20.00W	2.00	-22.63	End of Build
1700.00	8.66	217.730	1698.16	27.86S	21.55W	==>	-24.38	
1800.00	8.66	217.730	1797.02	39.77S	30.77W	==>	-34.80	
1900.00	8.66	217.730	1895.88	51.69S	39.99W	==>	-45.23	
2000.00	8.66	217.730	1994.74	63.60S	49.21W	==>	-55.65	
2100.00	8.66	217.730	2093.59	75.52S	58.42W	==>	-66.08	
2200.00	8.66	217.730	2192.45	87.43S	67.64W	==>	-76.50	
2300.00	8.66	217.730	2291.31	99.35S	76.86W	==>	-86.93	
2400.00	8.66	217.730	2390.17	111.26S	86.08W	==>	-97.35	
2500.00	8.66	217.730	2489.03	123.18S	95.29W	==>	-107.78	
2600.00	8.66	217.730	2587.89	135.09S	104.51W	==>	-118.20	
2700.00	8.66	217.730	2686.75	147.01S	113.73W	==>	-128.63	
2800.00	8.66	217.730	2785.61	158.93S	122.95W	==>	-139.05	
2900.00	8.66	217.730	2884.46	170.84S	132.17W	==>	-149.48	
3000.00	8.66	217.730	2983.32	182.76S	141.38W	==>	-159.90	
3100.00	8.66	217.730	3082.18	194.67S	150.60W	==>	-170.33	
3200.00	8.66	217.730	3181.04	206.59S	159.82W	==>	-180.76	
3300.00	8.66	217.730	3279.90	218.50S	169.04W	==>	-191.18	
3400.00	8.66	217.730	3378.76	230.42S	178.25W	==>	-201.61	

All data is in Feet unless otherwise stated
Coordinates are from Slot MD's are from Rig (Planned Datum #1 5166.0ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 351.520 degrees
Bottom hole distance is 4249.45 Feet on azimuth 351.52 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Integrated Petroleum Technologies, Inc.
Date Printed: 28-Jul-2015

INTEGRATED PETROLEUM TECHNOLOGIES, INC

SYSDRILL

Well Design Combined Report
Wellbore: AFTON 12-16H-1 (PWB)



Interpolated Wellpath								All Station Comments
MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	
3500.00	8.66	217.730	3477.62	242.33S	187.47W	==>	-212.03	
3600.00	8.66	217.730	3576.48	254.25S	196.69W	==>	-222.46	
3700.00	8.66	217.730	3675.34	266.16S	205.91W	==>	-232.88	
3800.00	8.66	217.730	3774.19	278.08S	215.13W	==>	-243.31	
3900.00	8.66	217.730	3873.05	289.99S	224.34W	==>	-253.73	
4000.00	8.66	217.730	3971.91	301.91S	233.56W	==>	-264.16	
4100.00	8.66	217.730	4070.77	313.82S	242.78W	==>	-274.58	
4200.00	8.66	217.730	4169.63	325.74S	252.00W	==>	-285.01	
4300.00	8.66	217.730	4268.49	337.65S	261.21W	==>	-295.43	
4400.00	8.66	217.730	4367.35	349.57S	270.43W	==>	-305.86	
4500.00	8.66	217.730	4466.21	361.48S	279.65W	==>	-316.29	
4600.00	8.66	217.730	4565.06	373.40S	288.87W	==>	-326.71	
4700.00	8.66	217.730	4663.92	385.31S	298.09W	==>	-337.14	
4800.00	8.66	217.730	4762.78	397.23S	307.30W	==>	-347.56	
4900.00	8.66	217.730	4861.64	409.14S	316.52W	==>	-357.99	
5000.00	8.66	217.730	4960.50	421.06S	325.74W	==>	-368.41	
5100.00	8.66	217.730	5059.36	432.97S	334.96W	==>	-378.84	
5200.00	8.66	217.730	5158.22	444.89S	344.17W	==>	-389.26	
5300.00	8.66	217.730	5257.08	456.80S	353.39W	==>	-399.69	
5400.00	8.66	217.730	5355.93	468.72S	362.61W	==>	-410.11	
5500.00	8.66	217.730	5454.79	480.63S	371.83W	==>	-420.54	
5600.00	8.66	217.730	5553.65	492.55S	381.05W	==>	-430.96	
5700.00	8.66	217.730	5652.51	504.47S	390.26W	==>	-441.39	
5800.00	8.66	217.730	5751.37	516.38S	399.48W	==>	-451.82	
5900.00	8.66	217.730	5850.23	528.30S	408.70W	==>	-462.24	
6000.00	8.66	217.730	5949.09	540.21S	417.92W	==>	-472.67	
6100.00	8.66	217.730	6047.95	552.13S	427.13W	==>	-483.09	
6200.00	8.66	217.730	6146.80	564.04S	436.35W	==>	-493.52	
6300.00	8.66	217.730	6245.66	575.96S	445.57W	==>	-503.94	
6400.00	8.66	217.730	6344.52	587.87S	454.79W	==>	-514.37	
6500.00	8.66	217.730	6443.38	599.79S	464.01W	==>	-524.79	
6600.00	8.66	217.730	6542.24	611.70S	473.22W	==>	-535.22	
6700.00	8.66	217.730	6641.10	623.62S	482.44W	==>	-545.64	
6800.00	8.66	217.730	6739.96	635.53S	491.66W	==>	-556.07	
6900.00	8.66	217.730	6838.82	647.45S	500.88W	==>	-566.49	
7000.00	8.66	217.730	6937.68	659.36S	510.09W	==>	-576.92	
7100.00	8.66	217.730	7036.53	671.28S	519.31W	==>	-587.35	
7200.00	8.66	217.730	7135.39	683.19S	528.53W	==>	-597.77	
7300.00	8.66	217.730	7234.25	695.11S	537.75W	==>	-608.20	
7400.00	8.66	217.730	7333.11	707.02S	546.97W	==>	-618.62	
7418.88	8.66	217.730	7351.78	709.27S	548.71W	==>	-620.59	
7500.00	5.51	283.340	7432.38	713.21S	556.24W	10.00	-623.38	End of Hold
7600.00	12.48	334.730	7531.22	702.31S	565.55W	10.00	-611.22	
7700.00	21.92	346.310	7626.66	674.33S	574.60W	10.00	-582.21	
7800.00	31.70	351.050	7715.82	630.13S	583.13W	10.00	-537.24	
7900.00	41.57	353.710	7795.97	571.05S	590.87W	10.00	-477.66	
8000.00	51.49	355.500	7864.68	498.88S	597.59W	10.00	-405.29	
8100.00	61.43	356.850	7919.87	415.82S	603.09W	10.00	-322.33	
8200.00	71.37	357.970	7959.85	324.40S	607.19W	10.00	-231.30	
8300.00	81.33	358.960	7983.42	227.38S	609.78W	10.00	-134.96	
8388.00	90.09	359.780	7990.00	139.72S	610.74W	10.00	-48.11	
8388.43	90.13	359.790	7990.00	139.28S	610.74W	10.00	-47.69	7.0in Intermediate Casing S/C Kick off Point/Target
8400.00	90.13	359.790	7989.97	127.72S	610.78W	==>	-36.24	
8500.00	90.13	359.790	7989.74	27.72S	611.15W	==>	62.72	
8600.00	90.13	359.790	7989.51	72.28N	611.52W	==>	161.68	
8700.00	90.13	359.790	7989.28	172.28N	611.89W	==>	260.64	
8800.00	90.13	359.790	7989.05	272.28N	612.25W	==>	359.60	
8900.00	90.13	359.790	7988.82	372.28N	612.62W	==>	458.56	
9000.00	90.13	359.790	7988.59	472.28N	612.99W	==>	557.52	
9100.00	90.13	359.790	7988.36	572.28N	613.36W	==>	656.48	

All data is in Feet unless otherwise stated
Coordinates are from Slot MD's are from Rig and TVD's are from Rig (Planned Datum #1 5166.0ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 351.520 degrees
Bottom hole distance is 4249.45 Feet on azimuth 351.52 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Integrated Petroleum Technologies, Inc.
Date Printed: 28-Jul-2015

INTEGRATED PETROLEUM TECHNOLOGIES, INC

SYSDRILL

Well Design Combined Report
Wellbore: AFTON 12-16H-1 (PWB)



Interpolated Wellpath								All Station Comments
MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	
9200.00	90.13	359.790	7988.13	672.28N	613.73W	==>	755.44	
9300.00	90.13	359.790	7987.90	772.28N	614.10W	==>	854.40	
9400.00	90.13	359.790	7987.67	872.27N	614.46W	==>	953.36	
9500.00	90.13	359.790	7987.44	972.27N	614.83W	==>	1052.32	
9600.00	90.13	359.790	7987.21	1072.27N	615.20W	==>	1151.28	
9700.00	90.13	359.790	7986.98	1172.27N	615.57W	==>	1250.24	
9800.00	90.13	359.790	7986.75	1272.27N	615.94W	==>	1349.20	
9900.00	90.13	359.790	7986.52	1372.27N	616.31W	==>	1448.16	
10000.00	90.13	359.790	7986.29	1472.27N	616.68W	==>	1547.12	
10100.00	90.13	359.790	7986.06	1572.27N	617.04W	==>	1646.08	
10200.00	90.13	359.790	7985.83	1672.27N	617.41W	==>	1745.04	
10300.00	90.13	359.790	7985.60	1772.27N	617.78W	==>	1844.00	
10400.00	90.13	359.790	7985.37	1872.27N	618.15W	==>	1942.96	
10500.00	90.13	359.790	7985.14	1972.26N	618.52W	==>	2041.92	
10600.00	90.13	359.790	7984.91	2072.26N	618.89W	==>	2140.88	
10700.00	90.13	359.790	7984.68	2172.26N	619.25W	==>	2239.84	
10800.00	90.13	359.790	7984.45	2272.26N	619.62W	==>	2338.80	
10900.00	90.13	359.790	7984.22	2372.26N	619.99W	==>	2437.76	
11000.00	90.13	359.790	7983.99	2472.26N	620.36W	==>	2536.72	
11100.00	90.13	359.790	7983.76	2572.26N	620.73W	==>	2635.68	
11200.00	90.13	359.790	7983.53	2672.26N	621.10W	==>	2734.64	
11300.00	90.13	359.790	7983.29	2772.26N	621.46W	==>	2833.60	
11400.00	90.13	359.790	7983.06	2872.26N	621.83W	==>	2932.56	
11500.00	90.13	359.790	7982.83	2972.25N	622.20W	==>	3031.52	
11600.00	90.13	359.790	7982.60	3072.25N	622.57W	==>	3130.48	
11700.00	90.13	359.790	7982.37	3172.25N	622.94W	==>	3229.44	
11800.00	90.13	359.790	7982.14	3272.25N	623.31W	==>	3328.40	
11900.00	90.13	359.790	7981.91	3372.25N	623.68W	==>	3427.36	
12000.00	90.13	359.790	7981.68	3472.25N	624.04W	==>	3526.32	
12100.00	90.13	359.790	7981.45	3572.25N	624.41W	==>	3625.28	
12200.00	90.13	359.790	7981.22	3672.25N	624.78W	==>	3724.24	
12300.00	90.13	359.790	7980.99	3772.25N	625.15W	==>	3823.20	
12400.00	90.13	359.790	7980.76	3872.25N	625.52W	==>	3922.16	
12500.00	90.13	359.790	7980.53	3972.25N	625.89W	==>	4021.11	
12600.00	90.13	359.790	7980.30	4072.24N	626.25W	==>	4120.07	
12700.00	90.13	359.790	7980.07	4172.24N	626.62W	==>	4219.03	
12730.74	90.13	359.790	7980.00	4202.98N	626.74W	==>	4249.45	
								End of Hold/Target, 4 1/2in Production Liner

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INTEGRATED PETROLEUM TECHNOLOGIES, INC
SYSDRILL
Well Design Combined Report
Wellbore: AFTON 12-16H-1 (PWB)



Hole Sections								
Diameter [in]	Start MD[ft]	Start TVD[ft]	Start North[ft]	Start East[ft]	End MD[ft]	End TVD[ft]	End North[ft]	End East[ft]
13 1/2	13.00	13.00	0.00N	0.00E	1250.00	1250.00	0.00N	0.00E
8 3/4	1250.00	1250.00	0.00N	0.00E	8388.00	7990.00	139.72S	610.74W
6 1/8	8388.00	7990.00	139.72S	610.74W	12730.74	7980.00	4202.98N	626.74W

Casings								
Name	Top MD[ft]	Top TVD[ft]	Top North[ft]	Top East[ft]	Shoe MD[ft]	Shoe TVD[ft]	Shoe North[ft]	Shoe East[ft]
9 5/8in Surface Casing	13.00	13.00	0.00N	0.00E	1250.00	1250.00	0.00N	0.00E
7.0in Intermediate Casing	13.00	13.00	0.00N	0.00E	8388.00	7990.00	139.72S	610.74W
4 1/2in Production Liner	7420.00	7352.88	709.40S	548.81W	12730.74	7980.00	4202.98N	626.74W

Targets								
Name	North[ft]	East[ft]	TVD[ft]	Latitude	Longitude	Northing	Easting	Last Revised
AFTON 12-16H-1 Rev - T1	139.28S	610.74W	7990.00	39.97322000	-104.94440000	1233579.41	3155713.44	3-Mar-2014
AFTON 12-16H-1 Rev - T2	4202.98N	626.74W	7980.00	39.98514000	-104.94436000	1237921.53	3155697.44	3-Mar-2014

Survey Tool Program					
Reference	Survey Name	MD[ft]	TVD[ft]	Survey Tool	Error Model
398361	Planned	12730.74	7980.00	ISCWSA MWD	Rev 3 + Fixed Rig + Rotating

Notes

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Vertical Section is from 0.00N 0.00E on azimuth 351.520 degrees
Bottom hole distance is 4249.45 Feet on azimuth 351.52 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Integrated Petroleum Technologies, Inc.
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SYSDRILL
Closest Approach + Clearance Factor Summary Report
Wellbore: AFTON 12-16H-1 (PWB)



Ellipse separations are reported ONLY if BOTH wells have uncertainty data
Only Depth and Magnetic Reference Field error terms are correlated across tie points
Scan limit is calculated on CENTRE to CENTRE distance

Summary data uses Closest Approach clearance calculation for all minima
Hole size/Casings ARE included
Hole size/Casings are NOT subtracted from Centre-Centre distance
Confidence limit of 95.00% / 2.80 SD.

Wellbore		
Name	Created	Last Revised
AFTON 12-16H-1 (PWB)	9-Jul-2015	27-Jul-2015

Well		
Name	Government ID	Last Revised
AFTON 12-16H-1		9-Jul-2015

Slot						
Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Afton 12-16H-1	1233718.6871	3156324.1560	39.97359182	-104.94221784	0.00N	0.00E

Installation				
Name	Easting	Northing	Coord System Name	North Alignment
AFTON-Revised	3156324.1575	1233718.6871	CO83-NF on NORTH AMERICAN DATUM 1983 datum	Grid

Field				
Name	Easting	Northing	Coord System Name	North Alignment
SPINDLE	3156324.1590	1233718.6871	CO83-NF on NORTH AMERICAN DATUM 1983 datum	Grid

Clearance Summary								
Offset Wellbore	Offset Structure	Separation [ft]	MD[ft]	Diverging From[ft]	Ellipse Separation [ft]	Ellipse MD[ft]	Clearance Factor	Clearance MD[ft]
AFTON 12-16H-2 (PWB)	AFTON-Revised	15.95	1250.00	12730.74	7.69	1250.00	1.13	12730.74
AFTON 12-16H-8 (PWB)	AFTON-Revised	24.95	1250.00	12728.62	16.71	1250.00	2.33	12728.62
AFTON 12-16H-7 (PWB)	AFTON-Revised	29.58	1259.72	12725.26	21.31	1358.14	2.84	12726.25
AFTON #12-16H-3 (PWB)	AFTON-Revised	31.90	505.13	12722.41	27.81	570.74	3.95	12730.74
AFTON 12-16H-6 (PWB)	AFTON-Revised	40.61	1250.00	8507.96	35.01	1250.00	7.25	1250.00
AFTON #12-16H-4 Sidetrack	AFTON-Revised	40.65	1398.26	12534.47	31.80	1398.26	3.13	12534.47
AFTON #12-16H-4 Original	AFTON-Revised	40.65	1398.26	8548.85	31.80	1398.26	4.50	1472.97
AFTON 12-16H-5 (PWB)	AFTON-Revised	54.13	1250.00	12719.09	48.61	1226.91	7.88	12730.74
PULIS #12-8 (AWB)	Offsets	73.15	1637.98	8559.59	65.31	1653.42	9.06	1768.25
DARLOW UNIT #12-16B (AWB)	Offsets	203.37	1936.83	8594.58	183.72	1997.91	7.96	8575.99
BARKER #12-9 (AWB)	Offsets	241.93	9882.27	9882.27	172.88	9871.92	3.50	9855.52
ELMS #2 (AWB)	Offsets	367.24	11487.65	11487.65	262.15	11479.54	3.49	11479.54
TUDEX	Offsets	784.87	12274.09	12274.09	660.42	12299.75	6.21	12398.17

All data is in Feet unless otherwise stated
Coordinates are from Slot MD's are from Rig and TVD's are from Rig (Planned Datum #1 5166.0ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 351.520 degrees
Prepared by Integrated Petroleum Technologies, Inc.
Date Printed: 28-Jul-2015

SYSDRILL
Closest Approach + Clearance Factor Summary Report
Wellbore: AFTON 12-16H-1 (PWB)



Offset Wellbore	Offset Structure	Separation [ft]	MD[ft]	Diverging From[ft]	Ellipse Separation [ft]	Ellipse MD[ft]	Clearance Factor	Clearance MD[ft]
REINHOLT #NC4 (AWB)								
N COLORADO 41-13 #7 (AWB)	Offsets	810.75	7460.51	7460.51	755.68	7476.91	14.69	7513.00
Ruby #2 (AWB)	Offsets	846.07	9921.14	9921.14	761.48	9953.94	9.64	10117.99
W MORRISON #16-1 (AWB)	Offsets	1016.06	12730.74	12730.74	936.14	12730.74	12.71	12730.74
MALLO #1 (AWB)	Offsets	1075.11	5262.34	8602.23	1049.57	5262.34	41.66	5377.17
BROKEN BOW II #7-1 (AWB)	Offsets	1219.08	1250.00	8592.40	1212.41	1250.00	72.43	5377.17
DARLOW #12-2 (AWB)	Offsets	1433.62	1250.00	9917.99	1421.15	1250.00	52.83	5229.54
W MORRISON #15-1 (AWB)	Offsets	1568.42	12730.74	12730.74	1489.91	12730.74	19.98	12730.74
WIEMAN #7-3 (AWB)	Offsets	1683.76	1250.00	8986.10	1676.49	1250.00	55.62	10150.80
SAUVAGE #11-7 (AWB)	Offsets	1867.16	12407.77	12407.77	1739.93	12430.98	14.46	12660.64
BELLINGER #12-7 (AWB)	Offsets	1908.86	1259.72	9922.82	1902.20	1250.00	63.21	11577.96
CUNDALL #6-12 (AWB)	Offsets	2092.95	11251.52	11251.52	1992.89	11315.49	19.00	11971.66
NORTH YORK #11-12 (AWB)	Offsets	2158.03	9930.81	9930.81	2088.42	9986.75	25.93	10954.60
MORRISON #9-1 (AWB)	Offsets	2350.91	12730.74	12730.74	2281.04	12730.74	33.65	12730.74
W MORRISON #9-1 (AWB)	Offsets	2350.91	12730.74	12730.74	2281.09	12730.74	33.67	12730.74
TUDEX BRINK #S-2 (AWB)	Offsets	2399.66	193.45	10593.71	2394.88	1250.00	60.36	11988.07
W MORRISON 24-1 #3 (AWB)	Offsets	2438.02	12730.74	12730.74	2321.58	12730.74	20.94	12730.74
W MORRISON 33-1 #4 (AWB)	Offsets	2467.30	12730.74	12730.74	2406.92	12730.74	40.86	12730.74
NORTH COLORADO #6 (AWB)	Offsets	2539.91	7657.36	7657.36	2487.35	7657.36	48.32	7624.55
ELMS #12-4 (AWB)	Offsets	2650.06	1250.00	11141.98	2643.39	1250.00	56.43	12283.34
SAUVAGE #3 (AWB)	Offsets	2797.02	11550.54	11550.54	2689.99	11594.36	24.61	12299.75
LENART #S-1 (AWB)	Offsets	2944.52	11922.45	11922.45	2892.60	11955.26	50.47	12730.74
SEVENS #1 (AWB)	Offsets	2960.62	12545.81	12545.81	2903.03	12578.62	49.94	12730.74
CROFF #12-5 (AWB)	Offsets	2981.46	11205.57	11205.57	2933.92	11249.88	51.87	12578.62
REINHOLT #12-6 (AWB)	Offsets	3006.15	12313.00	12313.00	2947.14	12348.96	46.97	12730.74
W MORRISON	Offsets	3116.19	12730.74	12730.74	3054.36	12730.74	50.40	12730.74

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INVESTMENT CO #2 (AWB)								
W MORRISON #11-1 (AWB)	Offsets	3279.94	12730.74	12730.74	3183.15	12730.74	33.89	12730.74
NORTH YORK #13-12 (AWB)	Offsets	3465.70	2313.00	8766.78	3451.58	2358.80	45.64	11561.56
BEISEL UNIT #1 (AWB)	Offsets	4310.39	12730.74	12730.74	4259.34	12730.74	84.43	12730.74