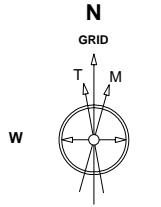


MENDELL ENERGY, LLC

Location DJ Basin
Field SPINDLE
Installation AFTON-Revised

Slot Afton 12-16H-2
Well AFTON 12-16H-2
Wellbore AFTON 12-16H-2 (PWB)



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

Scale 1 cm = 200 ft

East (Feet) ->

-800 -400 0 400

9 5/8in Surface Casing
2.00
6.00

WELL PROFILE DATA

Point	MD	Inc	Azi	TVD	North	East	deg/100ft	V. Sect
KOP	1287.00	0.00	209.62	1287.00	0.00	0.00	0.00	0.00
End of Build	1691.58	8.09	209.62	1690.23	-24.79	-14.10	2.00	-23.09
End of Hold	7274.62	8.09	209.62	7217.70	-707.92	-402.54	0.00	-659.24
Target AFTON 12-16H-2	8246.07	90.13	359.79	7859.00	-138.10	-450.11	10.00	-87.66
T.D. & Target AFTON 12-	12588.38	90.13	359.79	7849.00	4204.17	-466.14	0.00	4229.93

Surface 0.08 S 15.94 E

E/2 Sec 12

AFTON 12-16H-2 Rev - T1

20.00
40.00
80.00
DLS: 10.00 deg/100ft
7.0in Intermediate Casing

AFTON 12-16H-2 Rev - T2

4 1/2in Intermediate Casing

Created by admin
Date plotted 28-Jul-2015

Plot reference is AFTON 12-16H-2 (PWB).
Ref wellpath is AFTON 12-16H-2 (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.

<- North(Feet)

Scale 1 cm = 200 ft

Vertical Section (Feet) ->

Azimuth 353.67 with reference 0.08 S, 15.94 E from Installation Centre

INTEGRATED PETROLEUM TECHNOLOGIES, INC

SYSDRILL

Well Design Combined Report
Wellbore: AFTON 12-16H-2 (PWB)



Wellhead Details							
Name	Northing	Easting	Latitude	Longitude	North	East	Elevation Above Inst.
Afton 12-16H-2	1233718.6100	3156340.1009	39.97359133	-104.94216095	0.08S	15.94E	-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	1233718.61	3156340.10
1300.00	0.00	209.620	1300.00	0.00N	0.00E	==>	0.00	1233718.61	3156340.10
1704.58	8.09	209.620	1703.23	24.79S	14.10W	2.00	-23.09	1233693.82	3156326.00
7287.62	8.09	209.620	7230.70	707.92S	402.54W	==>	-659.24	1233010.72	3155937.57
8259.07	90.13	359.790	7872.00	138.10S	450.11W	10.00	-87.66	1233580.51	3155890.00
12601.38	90.13	359.790	7862.00	4204.17N	466.14W	==>	4229.93	1237922.64	3155873.97

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	0.000	1250.00	0.00N	0.00E	==>	0.00	9 5/8in Surface Casing
1300.00	0.00	209.620	1300.00	0.00N	0.00E	==>	0.00	3DS Kick off Point
1400.00	2.00	209.620	1399.98	1.52S	0.86W	2.00	-1.41	
1500.00	4.00	209.620	1499.84	6.07S	3.45W	2.00	-5.65	
1600.00	6.00	209.620	1599.45	13.64S	7.76W	2.00	-12.70	
1700.00	8.00	209.620	1698.70	24.24S	13.78W	2.00	-22.57	
1704.58	8.09	209.620	1703.23	24.79S	14.10W	2.00	-23.09	End of Build
1800.00	8.09	209.620	1797.71	36.47S	20.74W	==>	-33.96	
1900.00	8.09	209.620	1896.71	48.70S	27.69W	==>	-45.36	
2000.00	8.09	209.620	1995.72	60.94S	34.65W	==>	-56.75	
2100.00	8.09	209.620	2094.72	73.18S	41.61W	==>	-68.14	
2200.00	8.09	209.620	2193.72	85.41S	48.57W	==>	-79.54	
2300.00	8.09	209.620	2292.73	97.65S	55.53W	==>	-90.93	
2400.00	8.09	209.620	2391.73	109.88S	62.48W	==>	-102.33	
2500.00	8.09	209.620	2490.74	122.12S	69.44W	==>	-113.72	
2600.00	8.09	209.620	2589.74	134.35S	76.40W	==>	-125.12	
2700.00	8.09	209.620	2688.75	146.59S	83.36W	==>	-136.51	
2800.00	8.09	209.620	2787.75	158.82S	90.31W	==>	-147.90	
2900.00	8.09	209.620	2886.76	171.06S	97.27W	==>	-159.30	
3000.00	8.09	209.620	2985.76	183.30S	104.23W	==>	-170.69	
3100.00	8.09	209.620	3084.76	195.53S	111.19W	==>	-182.09	
3200.00	8.09	209.620	3183.77	207.77S	118.14W	==>	-193.48	
3300.00	8.09	209.620	3282.77	220.00S	125.10W	==>	-204.88	
3400.00	8.09	209.620	3381.78	232.24S	132.06W	==>	-216.27	
3500.00	8.09	209.620	3480.78	244.47S	139.02W	==>	-227.67	

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 353.670 degrees
Bottom hole distance is 4229.93 Feet on azimuth 353.67 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-2 (PWB)



Interpolated Wellpath								All Station Comments
MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	
3600.00	8.09	209.620	3579.79	256.71S	145.97W	==>	-239.06	
3700.00	8.09	209.620	3678.79	268.95S	152.93W	==>	-250.45	
3800.00	8.09	209.620	3777.80	281.18S	159.89W	==>	-261.85	
3900.00	8.09	209.620	3876.80	293.42S	166.85W	==>	-273.24	
4000.00	8.09	209.620	3975.80	305.65S	173.80W	==>	-284.64	
4100.00	8.09	209.620	4074.81	317.89S	180.76W	==>	-296.03	
4200.00	8.09	209.620	4173.81	330.12S	187.72W	==>	-307.43	
4300.00	8.09	209.620	4272.82	342.36S	194.68W	==>	-318.82	
4400.00	8.09	209.620	4371.82	354.60S	201.64W	==>	-330.22	
4500.00	8.09	209.620	4470.83	366.83S	208.59W	==>	-341.61	
4600.00	8.09	209.620	4569.83	379.07S	215.55W	==>	-353.00	
4700.00	8.09	209.620	4668.84	391.30S	222.51W	==>	-364.40	
4800.00	8.09	209.620	4767.84	403.54S	229.47W	==>	-375.79	
4900.00	8.09	209.620	4866.84	415.77S	236.42W	==>	-387.19	
5000.00	8.09	209.620	4965.85	428.01S	243.38W	==>	-398.58	
5100.00	8.09	209.620	5064.85	440.25S	250.34W	==>	-409.98	
5200.00	8.09	209.620	5163.86	452.48S	257.30W	==>	-421.37	
5300.00	8.09	209.620	5262.86	464.72S	264.25W	==>	-432.77	
5400.00	8.09	209.620	5361.87	476.95S	271.21W	==>	-444.16	
5500.00	8.09	209.620	5460.87	489.19S	278.17W	==>	-455.55	
5600.00	8.09	209.620	5559.88	501.42S	285.13W	==>	-466.95	
5700.00	8.09	209.620	5658.88	513.66S	292.08W	==>	-478.34	
5800.00	8.09	209.620	5757.88	525.90S	299.04W	==>	-489.74	
5900.00	8.09	209.620	5856.89	538.13S	306.00W	==>	-501.13	
6000.00	8.09	209.620	5955.89	550.37S	312.96W	==>	-512.53	
6100.00	8.09	209.620	6054.90	562.60S	319.91W	==>	-523.92	
6200.00	8.09	209.620	6153.90	574.84S	326.87W	==>	-535.32	
6300.00	8.09	209.620	6252.91	587.07S	333.83W	==>	-546.71	
6400.00	8.09	209.620	6351.91	599.31S	340.79W	==>	-558.10	
6500.00	8.09	209.620	6450.92	611.54S	347.75W	==>	-569.50	
6600.00	8.09	209.620	6549.92	623.78S	354.70W	==>	-580.89	
6700.00	8.09	209.620	6648.92	636.02S	361.66W	==>	-592.29	
6800.00	8.09	209.620	6747.93	648.25S	368.62W	==>	-603.68	
6900.00	8.09	209.620	6846.93	660.49S	375.58W	==>	-615.08	
7000.00	8.09	209.620	6945.94	672.72S	382.53W	==>	-626.47	
7100.00	8.09	209.620	7044.94	684.96S	389.49W	==>	-637.86	
7200.00	8.09	209.620	7143.95	697.19S	396.45W	==>	-649.26	
7287.62	8.09	209.620	7230.70	707.92S	402.54W	==>	-659.24	End of Hold
7300.00	7.05	214.690	7242.97	709.30S	403.41W	10.00	-660.52	
7400.00	5.85	316.090	7342.58	710.68S	410.45W	10.00	-661.11	
7500.00	14.78	344.220	7440.92	694.69S	417.47W	10.00	-644.45	
7600.00	24.54	350.860	7534.98	661.83S	424.25W	10.00	-611.05	
7700.00	34.43	353.860	7621.93	613.09S	430.59W	10.00	-561.91	
7800.00	44.37	355.630	7699.10	549.96S	436.29W	10.00	-498.53	
7900.00	54.33	356.870	7764.17	474.34S	441.19W	10.00	-422.83	
8000.00	64.29	357.830	7815.14	388.55S	445.13W	10.00	-337.13	
8100.00	74.27	358.640	7850.48	295.18S	447.99W	10.00	-244.01	
8200.00	84.24	359.370	7869.10	197.07S	449.68W	10.00	-146.32	
8259.07	90.13	359.790	7872.00	138.10S	450.11W	10.00	-87.66	S/C Kick off Point/Target 7.0in Intermediate Casing
8260.00	90.13	359.790	7872.00	137.17S	450.12W	==>	-86.73	
8300.00	90.13	359.790	7871.91	97.17S	450.27W	==>	-46.96	
8400.00	90.13	359.790	7871.68	2.83N	450.63W	==>	52.47	
8500.00	90.13	359.790	7871.45	102.83N	451.00W	==>	151.90	
8600.00	90.13	359.790	7871.21	202.83N	451.37W	==>	251.33	
8700.00	90.13	359.790	7870.98	302.82N	451.74W	==>	350.76	
8800.00	90.13	359.790	7870.75	402.82N	452.11W	==>	450.19	
8900.00	90.13	359.790	7870.52	502.82N	452.48W	==>	549.62	
9000.00	90.13	359.790	7870.29	602.82N	452.85W	==>	649.06	
9100.00	90.13	359.790	7870.06	702.82N	453.22W	==>	748.49	
9200.00	90.13	359.790	7869.83	802.82N	453.59W	==>	847.92	
9300.00	90.13	359.790	7869.60	902.82N	453.96W	==>	947.35	

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Bottom hole distance is 4229.93 Feet on azimuth 353.67 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-2 (PWB)



Interpolated Wellpath								All Station Comments
MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	
9400.00	90.13	359.790	7869.37	1002.82N	454.33W	==>	1046.78	
9500.00	90.13	359.790	7869.14	1102.82N	454.70W	==>	1146.21	
9600.00	90.13	359.790	7868.91	1202.82N	455.06W	==>	1245.64	
9700.00	90.13	359.790	7868.68	1302.82N	455.43W	==>	1345.07	
9800.00	90.13	359.790	7868.45	1402.81N	455.80W	==>	1444.50	
9900.00	90.13	359.790	7868.22	1502.81N	456.17W	==>	1543.93	
10000.00	90.13	359.790	7867.99	1602.81N	456.54W	==>	1643.36	
10100.00	90.13	359.790	7867.76	1702.81N	456.91W	==>	1742.79	
10200.00	90.13	359.790	7867.53	1802.81N	457.28W	==>	1842.22	
10300.00	90.13	359.790	7867.30	1902.81N	457.65W	==>	1941.65	
10400.00	90.13	359.790	7867.07	2002.81N	458.02W	==>	2041.08	
10500.00	90.13	359.790	7866.84	2102.81N	458.39W	==>	2140.52	
10600.00	90.13	359.790	7866.61	2202.81N	458.76W	==>	2239.95	
10700.00	90.13	359.790	7866.38	2302.81N	459.12W	==>	2339.38	
10800.00	90.13	359.790	7866.15	2402.81N	459.49W	==>	2438.81	
10900.00	90.13	359.790	7865.92	2502.80N	459.86W	==>	2538.24	
11000.00	90.13	359.790	7865.69	2602.80N	460.23W	==>	2637.67	
11100.00	90.13	359.790	7865.46	2702.80N	460.60W	==>	2737.10	
11200.00	90.13	359.790	7865.23	2802.80N	460.97W	==>	2836.53	
11300.00	90.13	359.790	7865.00	2902.80N	461.34W	==>	2935.96	
11400.00	90.13	359.790	7864.77	3002.80N	461.71W	==>	3035.39	
11500.00	90.13	359.790	7864.54	3102.80N	462.08W	==>	3134.82	
11600.00	90.13	359.790	7864.31	3202.80N	462.45W	==>	3234.25	
11700.00	90.13	359.790	7864.08	3302.80N	462.82W	==>	3333.68	
11800.00	90.13	359.790	7863.85	3402.80N	463.19W	==>	3433.11	
11900.00	90.13	359.790	7863.62	3502.79N	463.55W	==>	3532.54	
12000.00	90.13	359.790	7863.38	3602.79N	463.92W	==>	3631.98	
12100.00	90.13	359.790	7863.15	3702.79N	464.29W	==>	3731.41	
12200.00	90.13	359.790	7862.92	3802.79N	464.66W	==>	3830.84	
12300.00	90.13	359.790	7862.69	3902.79N	465.03W	==>	3930.27	
12400.00	90.13	359.790	7862.46	4002.79N	465.40W	==>	4029.70	
12500.00	90.13	359.790	7862.23	4102.79N	465.77W	==>	4129.13	
12600.00	90.13	359.790	7862.00	4202.79N	466.14W	==>	4228.56	
12601.38	90.13	359.790	7862.00	4204.17N	466.14W	==>	4229.93	End of Hold/Target, 4 1/2in Intermediate Casing

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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 353.670 degrees
Bottom hole distance is 4229.93 Feet on azimuth 353.67 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-2 (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	8260.00	7872.00	137.17S	450.12W
6 1/8	8260.00	7872.00	137.17S	450.12W	12601.38	7862.00	4204.17N	466.14W

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	8260.00	7872.00	137.17S	450.12W
4 1/2in Intermediate Casing	7287.00	7230.08	707.84S	402.50W	12601.38	7862.00	4204.17N	466.14W

Targets								
Name	North[ft]	East[ft]	TVD[ft]	Latitude	Longitude	Northing	Easting	Last Revised
AFTON 12-16H-2 Rev - T1	138.10S	450.11W	7872.00	39.97322000	-104.94377000	1233580.51	3155890.00	3-Mar-2014
AFTON 12-16H-2 Rev - T2	4204.17N	466.14W	7862.00	39.98514000	-104.94373000	1237922.64	3155873.97	3-Mar-2014

Survey Tool Program					
Reference	Survey Name	MD[ft]	TVD[ft]	Survey Tool	Error Model
398380	Planned	12601.38	7862.00	ISCWSA MWD	Rev 3 + Fixed Rig + Rotating

Notes

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 353.670 degrees
Bottom hole distance is 4229.93 Feet on azimuth 353.67 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Integrated Petroleum Technologies, Inc.
Date Printed: 28-Jul-2015

SYSDRILL
Closest Approach + Clearance Factor Summary Report
Wellbore: AFTON 12-16H-2 (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-2 (PWB)	9-Jul-2015	28-Jul-2015

Well		
Name	Government ID	Last Revised
AFTON 12-16H-2		21-Jul-2015

Slot						
Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Afton 12-16H-2	1233718.6100	3156340.1009	39.97359133	-104.94216095	0.08S	15.94E

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-1 (PWB)	AFTON-Revised	15.95	1250.00	12513.00	7.69	1250.00	1.13	12601.38
AFTON #12-16H-3 (PWB)	AFTON-Revised	15.96	505.13	12592.32	11.87	570.74	2.95	12601.38
AFTON 12-16H-7 (PWB)	AFTON-Revised	18.34	1637.02	12595.17	8.12	1653.42	1.79	1653.42
AFTON 12-16H-8 (PWB)	AFTON-Revised	20.23	2096.33	12598.52	7.01	2194.76	1.20	12598.52
AFTON #12-16H-4 Sidetrack	AFTON-Revised	26.03	1445.01	12404.38	16.83	1472.97	2.46	12404.38
AFTON #12-16H-4 Original	AFTON-Revised	26.03	1445.01	8070.34	16.83	1472.97	2.80	1505.78
AFTON 12-16H-6 (PWB)	AFTON-Revised	29.77	1300.00	8370.37	24.19	1243.31	5.33	1358.14
AFTON 12-16H-5 (PWB)	AFTON-Revised	40.71	1300.00	12589.00	35.19	1226.91	6.81	12601.38
BARKER #12-9 (AWB)	Offsets	65.37	9752.45	9752.45	-3.08	9752.45	0.96	9752.45
PULIS #12-8 (AWB)	Offsets	90.02	1669.82	8426.10	82.07	1686.23	10.80	1883.08
ELMS #2 (AWB)	Offsets	190.69	11357.83	11357.83	85.95	11357.83	1.82	11348.30
DARLOW UNIT #12-16B (AWB)	Offsets	225.23	1852.52	8464.76	180.36	8464.76	4.58	8461.16
N COLORADO	Offsets	772.57	7345.68	7345.68	721.26	7362.08	15.02	7394.89

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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 353.670 degrees
Prepared by Integrated Petroleum Technologies, Inc.
Date Printed: 28-Jul-2015

SYSDRILL
Closest Approach + Clearance Factor Summary Report
Wellbore: AFTON 12-16H-2 (PWB)



Offset Wellbore	Offset Structure	Separation [ft]	MD[ft]	Diverging From[ft]	Ellipse Separation [ft]	Ellipse MD[ft]	Clearance Factor	Clearance MD[ft]
41-13 #7 (AWB)								
TUDEX REINHOLT #NC4 (AWB)	Offsets	961.41	12144.28	12144.28	837.36	12168.51	7.62	12299.75
W MORRISON #16-1 (AWB)	Offsets	973.55	12601.38	12601.38	911.24	12601.38	15.62	12601.38
Ruby #2 (AWB)	Offsets	1027.78	9789.90	9789.90	943.82	9822.71	11.76	10035.97
MALLO #1 (AWB)	Offsets	1170.91	5238.54	8472.14	1146.09	5245.94	46.58	5393.58
BROKEN BOW II #7-1 (AWB)	Offsets	1203.16	1300.00	8462.18	1196.52	1243.31	67.87	5377.17
DARLOW #12-2 (AWB)	Offsets	1437.91	1300.00	9789.90	1425.37	1325.34	54.28	5229.54
WIEMAN #7-3 (AWB)	Offsets	1668.46	1300.00	8854.86	1661.22	1243.31	51.78	9953.94
W MORRISON #15-1 (AWB)	Offsets	1673.29	12601.38	12601.38	1584.95	12601.38	18.94	12601.38
SAUVAGE #11-7 (AWB)	Offsets	1690.61	12277.94	12277.94	1563.67	12313.00	13.13	12496.60
BELLINGER #12-7 (AWB)	Offsets	1919.91	1300.00	9792.73	1913.27	1243.31	61.69	11397.51
CUNDALL #6-12 (AWB)	Offsets	2269.50	11121.71	11121.71	2169.83	11184.26	20.64	11906.04
MORRISON #9-1 (AWB)	Offsets	2320.71	12601.38	12601.38	2260.09	12601.38	38.28	12601.38
W MORRISON #9-1 (AWB)	Offsets	2320.71	12601.38	12601.38	2260.14	12601.38	38.31	12601.38
NORTH YORK #11-12 (AWB)	Offsets	2334.59	9801.01	9801.01	2265.52	9855.52	28.12	10938.20
TUDEX BRINK #S-2 (AWB)	Offsets	2404.39	193.45	10462.48	2399.68	1243.31	58.22	11791.22
W MORRISON 33-1 #4 (AWB)	Offsets	2535.14	12601.38	12601.38	2467.47	12601.38	37.47	12601.38
W MORRISON 24-1 #3 (AWB)	Offsets	2595.63	12601.38	12601.38	2475.96	12601.38	21.69	12601.38
SAUVAGE #3 (AWB)	Offsets	2620.47	11420.70	11420.70	2513.75	11479.54	23.13	12135.70
ELMS #12-4 (AWB)	Offsets	2653.00	1300.00	11013.00	2628.04	11036.62	54.21	12102.90
NORTH COLORADO #6 (AWB)	Offsets	2700.43	7493.31	7493.31	2648.13	7493.31	51.61	7513.00
SEVENS #1 (AWB)	Offsets	2817.56	12415.27	12415.27	2761.08	12447.38	48.36	12601.38
LENART #S-1 (AWB)	Offsets	2841.79	11791.22	11791.22	2789.41	11824.02	48.27	12601.38
CROFF #12-5 (AWB)	Offsets	2915.78	11075.49	11075.49	2867.21	11118.64	49.96	12381.77
REINHOLT #12-6 (AWB)	Offsets	2938.83	12179.39	12179.39	2878.00	12217.72	44.58	12601.38
W MORRISON	Offsets	2990.41	12601.38	12601.38	2931.00	12601.38	50.34	12601.38

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INVESTMENT CO #2 (AWB)								
W MORRISON #11-1 (AWB)	Offsets	3401.75	12601.38	12601.38	3300.26	12601.38	33.52	12601.38
NORTH YORK #13-12 (AWB)	Offsets	3501.22	2145.55	8641.61	3487.95	2194.76	48.00	11577.96
BEISEL UNIT #1 (AWB)	Offsets	4338.30	12601.38	12601.38	4286.52	12601.38	83.79	12601.38