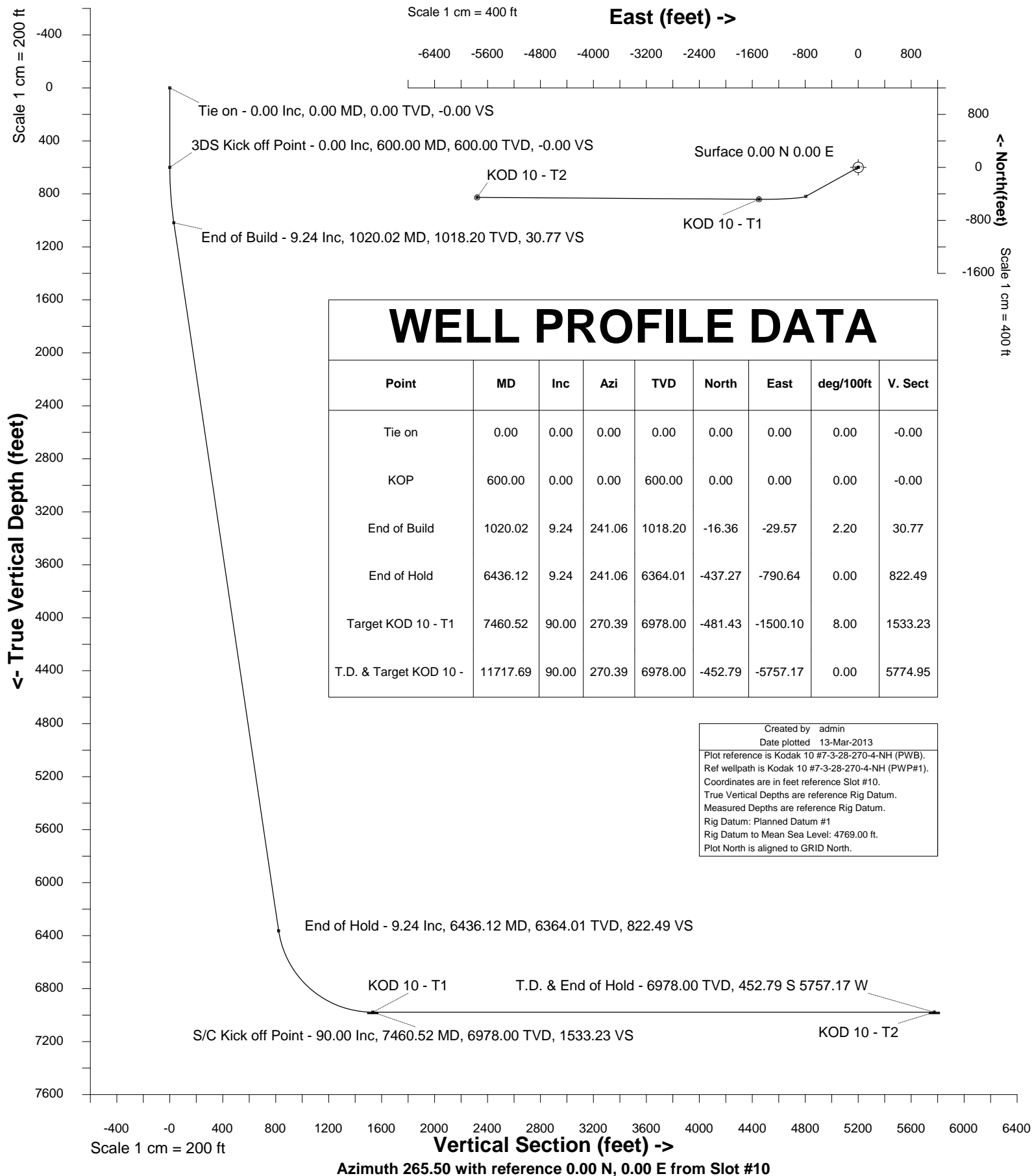


Location	Windsor, CO, USA(Imported)	Slot	Slot #10
Field	Windsor Project	Well	Kodak 10 #7-3-28-270-4-NH
Installation	Kodak	Wellbore	Kodak 10 #7-3-28-270-4-NH (PWB)





SYSDRILL
Well Design Combined Report
Wellbore: Kodak 10 #7-3-28-270-4-NH (PWB)
Wellpath: Kodak 10 #7-3-28-270-4-NH (PWP#1)

Wellhead Details

Name	Northing	Easting	Latitude	Longitude	North	East
Slot #10	1411552.5815	3171020.4930	N40 27 41.3515	W104 53 7.3799	143.98S	0.08E

Site Details

Name	Northing	Easting	Coord System Name	North Alignment
Kodak	1411696.5566	3171020.4161	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
0.00	0.00	0.000	0.00	0.00N	0.00E		0.00	1411552.58	3171020.49
600.00	0.00	0.000	600.00	0.00N	0.00E	==>	0.00	1411552.58	3171020.49
1020.02	9.24	241.060	1018.20	16.36S	29.57W	2.20	30.77	1411536.23	3170990.92
6436.12	9.24	241.060	6364.01	437.27S	790.64W	==>	822.49	1411115.33	3170229.88
7460.52	90.00	270.390	6978.00	481.43S	1500.10W	8.00	1533.23	1411071.17	3169520.45
11717.69	90.00	270.390	6978.00	452.79S	5757.17W	==>	5774.95	1411099.81	3165263.54

Interpolated Wellpath

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Northing	Easting
0.00	0.00	0.000	0.00	0.00N	0.00E		0.00	1411552.58	3171020.49
100.00	0.00	0.000	100.00	0.00N	0.00E	==>	0.00	1411552.58	3171020.49
200.00	0.00	0.000	200.00	0.00N	0.00E	==>	0.00	1411552.58	3171020.49
300.00	0.00	0.000	300.00	0.00N	0.00E	==>	0.00	1411552.58	3171020.49
400.00	0.00	0.000	400.00	0.00N	0.00E	==>	0.00	1411552.58	3171020.49
500.00	0.00	0.000	500.00	0.00N	0.00E	==>	0.00	1411552.58	3171020.49
600.00	0.00	0.000	600.00	0.00N	0.00E	==>	0.00	1411552.58	3171020.49
700.00	2.20	241.060	699.98	0.93S	1.68W	2.20	1.75	1411551.65	3171018.81
800.00	4.40	241.060	799.80	3.71S	6.72W	2.20	6.99	1411548.87	3171013.78
900.00	6.60	241.060	899.34	8.35S	15.10W	2.20	15.71	1411544.23	3171005.39
1000.00	8.80	241.060	998.43	14.84S	26.83W	2.20	27.91	1411537.74	3170993.67
1020.02	9.24	241.060	1018.20	16.36S	29.57W	2.20	30.77	1411536.23	3170990.92
1100.00	9.24	241.060	1097.14	22.57S	40.81W	==>	42.46	1411530.01	3170979.68
1200.00	9.24	241.060	1195.85	30.34S	54.87W	==>	57.08	1411522.24	3170965.63
1300.00	9.24	241.060	1294.55	38.12S	68.92W	==>	71.69	1411514.47	3170951.58
1400.00	9.24	241.060	1393.25	45.89S	82.97W	==>	86.31	1411506.70	3170937.53
1500.00	9.24	241.060	1491.95	53.66S	97.02W	==>	100.93	1411498.93	3170923.48
1600.00	9.24	241.060	1590.66	61.43S	111.07W	==>	115.55	1411491.15	3170909.42
1700.00	9.24	241.060	1689.36	69.20S	125.13W	==>	130.17	1411483.38	3170895.37
1800.00	9.24	241.060	1788.06	76.97S	139.18W	==>	144.78	1411475.61	3170881.32
1900.00	9.24	241.060	1886.76	84.74S	153.23W	==>	159.40	1411467.84	3170867.27
2000.00	9.24	241.060	1985.46	92.52S	167.28W	==>	174.02	1411460.07	3170853.22
2100.00	9.24	241.060	2084.17	100.29S	181.33W	==>	188.64	1411452.30	3170839.17
2200.00	9.24	241.060	2182.87	108.06S	195.39W	==>	203.26	1411444.53	3170825.12
2300.00	9.24	241.060	2281.57	115.83S	209.44W	==>	217.87	1411436.76	3170811.06
2400.00	9.24	241.060	2380.27	123.60S	223.49W	==>	232.49	1411428.98	3170797.01
2500.00	9.24	241.060	2478.98	131.37S	237.54W	==>	247.11	1411421.21	3170782.96
2600.00	9.24	241.060	2577.68	139.14S	251.59W	==>	261.73	1411413.44	3170768.91
2700.00	9.24	241.060	2676.38	146.92S	265.65W	==>	276.35	1411405.67	3170754.86
2800.00	9.24	241.060	2775.08	154.69S	279.70W	==>	290.96	1411397.90	3170740.81
2900.00	9.24	241.060	2873.79	162.46S	293.75W	==>	305.58	1411390.13	3170726.76
3000.00	9.24	241.060	2972.49	170.23S	307.80W	==>	320.20	1411382.36	3170712.70
3100.00	9.24	241.060	3071.19	178.00S	321.85W	==>	334.82	1411374.59	3170698.65
3200.00	9.24	241.060	3169.89	185.77S	335.91W	==>	349.44	1411366.82	3170684.60
3300.00	9.24	241.060	3268.59	193.55S	349.96W	==>	364.05	1411359.04	3170670.55
3400.00	9.24	241.060	3367.30	201.32S	364.01W	==>	378.67	1411351.27	3170656.50
3500.00	9.24	241.060	3466.00	209.09S	378.06W	==>	393.29	1411343.50	3170642.45
3600.00	9.24	241.060	3564.70	216.86S	392.11W	==>	407.91	1411335.73	3170628.40
3700.00	9.24	241.060	3663.40	224.63S	406.16W	==>	422.53	1411327.96	3170614.34
3800.00	9.24	241.060	3762.11	232.40S	420.22W	==>	437.14	1411320.19	3170600.29
3900.00	9.24	241.060	3860.81	240.17S	434.27W	==>	451.76	1411312.42	3170586.24
4000.00	9.24	241.060	3959.51	247.95S	448.32W	==>	466.38	1411304.65	3170572.19
4100.00	9.24	241.060	4058.21	255.72S	462.37W	==>	481.00	1411296.87	3170558.14
4200.00	9.24	241.060	4156.92	263.49S	476.42W	==>	495.62	1411289.10	3170544.09
4300.00	9.24	241.060	4255.62	271.26S	490.48W	==>	510.24	1411281.33	3170530.03
4400.00	9.24	241.060	4354.32	279.03S	504.53W	==>	524.85	1411273.56	3170515.98
4500.00	9.24	241.060	4453.02	286.80S	518.58W	==>	539.47	1411265.79	3170501.93
4600.00	9.24	241.060	4551.72	294.57S	532.63W	==>	554.09	1411258.02	3170487.88
4700.00	9.24	241.060	4650.43	302.35S	546.68W	==>	568.71	1411250.25	3170473.83
4800.00	9.24	241.060	4749.13	310.12S	560.74W	==>	583.33	1411242.48	3170459.78
4900.00	9.24	241.060	4847.83	317.89S	574.79W	==>	597.94	1411234.70	3170445.73
5000.00	9.24	241.060	4946.53	325.66S	588.84W	==>	612.56	1411226.93	3170431.67
5100.00	9.24	241.060	5045.24	333.43S	602.89W	==>	627.18	1411219.16	3170417.62

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 4769.0ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 265.500 degrees
Bottom hole distance is 5774.95 Feet on azimuth 265.50 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Peterson Energy
Date Printed: 13-Mar-2013



SYSDRILL
Well Design Combined Report
Wellbore: Kodak 10 #7-3-28-270-4-NH (PWB)
Wellpath: Kodak 10 #7-3-28-270-4-NH (PWP#1)

Interpolated Wellpath

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Northing	Easting
5200.00	9.24	241.060	5143.94	341.20S	616.94W	==>	641.80	1411211.39	3170403.57
5300.00	9.24	241.060	5242.64	348.98S	631.00W	==>	656.42	1411203.62	3170389.52
5400.00	9.24	241.060	5341.34	356.75S	645.05W	==>	671.03	1411195.85	3170375.47
5500.00	9.24	241.060	5440.05	364.52S	659.10W	==>	685.65	1411188.08	3170361.42
5600.00	9.24	241.060	5538.75	372.29S	673.15W	==>	700.27	1411180.31	3170347.37
5700.00	9.24	241.060	5637.45	380.06S	687.20W	==>	714.89	1411172.53	3170333.31
5800.00	9.24	241.060	5736.15	387.83S	701.26W	==>	729.51	1411164.76	3170319.26
5900.00	9.24	241.060	5834.85	395.60S	715.31W	==>	744.12	1411156.99	3170305.21
6000.00	9.24	241.060	5933.56	403.38S	729.36W	==>	758.74	1411149.22	3170291.16
6100.00	9.24	241.060	6032.26	411.15S	743.41W	==>	773.36	1411141.45	3170277.11
6200.00	9.24	241.060	6130.96	418.92S	757.46W	==>	787.98	1411133.68	3170263.06
6300.00	9.24	241.060	6229.66	426.69S	771.52W	==>	802.60	1411125.91	3170249.01
6400.00	9.24	241.060	6328.37	434.46S	785.57W	==>	817.21	1411118.14	3170234.95
6436.12	9.24	241.060	6364.01	437.27S	790.64W	==>	822.49	1411115.33	3170229.88
6500.00	13.91	251.620	6426.59	442.18S	802.43W	8.00	834.63	1411110.42	3170218.10
6600.00	21.62	258.790	6521.76	449.56S	831.96W	8.00	864.64	1411103.04	3170188.57
6700.00	29.48	262.280	6611.91	456.46S	874.48W	8.00	907.58	1411096.14	3170146.05
6800.00	37.40	264.400	6695.30	462.74S	929.17W	8.00	962.60	1411089.86	3170091.35
6900.00	45.34	265.870	6770.29	468.27S	994.97W	8.00	1028.63	1411084.33	3170025.56
7000.00	53.29	266.980	6835.42	472.95S	1070.60W	8.00	1104.38	1411079.65	3169949.94
7100.00	61.26	267.880	6889.44	476.69S	1154.57W	8.00	1188.39	1411075.91	3169865.96
7200.00	69.23	268.650	6931.29	479.42S	1245.27W	8.00	1279.02	1411073.18	3169775.27
7300.00	77.20	269.350	6960.14	481.08S	1340.91W	8.00	1374.50	1411071.52	3169679.63
7400.00	85.17	270.000	6975.45	481.63S	1439.65W	8.00	1472.98	1411070.97	3169580.90
7460.52	90.00	270.390	6978.00	481.43S	1500.10W	8.00	1533.23	1411071.17	3169520.45
7500.00	90.00	270.390	6978.00	481.16S	1539.58W	==>	1572.56	1411071.44	3169480.97
7600.00	90.00	270.390	6978.00	480.49S	1639.58W	==>	1672.20	1411072.11	3169380.98
7700.00	90.00	270.390	6978.00	479.82S	1739.57W	==>	1771.84	1411072.78	3169280.99
7800.00	90.00	270.390	6978.00	479.14S	1839.57W	==>	1871.48	1411073.46	3169180.99
7900.00	90.00	270.390	6978.00	478.47S	1939.57W	==>	1971.11	1411074.13	3169081.00
8000.00	90.00	270.390	6978.00	477.80S	2039.57W	==>	2070.75	1411074.80	3168981.00
8100.00	90.00	270.390	6978.00	477.13S	2139.56W	==>	2170.39	1411075.47	3168881.01
8200.00	90.00	270.390	6978.00	476.45S	2239.56W	==>	2270.02	1411076.15	3168781.02
8300.00	90.00	270.390	6978.00	475.78S	2339.56W	==>	2369.66	1411076.82	3168681.02
8400.00	90.00	270.390	6978.00	475.11S	2439.56W	==>	2469.30	1411077.49	3168581.03
8500.00	90.00	270.390	6978.00	474.43S	2539.56W	==>	2568.94	1411078.17	3168481.03
8600.00	90.00	270.390	6978.00	473.76S	2639.55W	==>	2668.57	1411078.84	3168381.04
8700.00	90.00	270.390	6978.00	473.09S	2739.55W	==>	2768.21	1411079.51	3168281.05
8800.00	90.00	270.390	6978.00	472.42S	2839.55W	==>	2867.85	1411080.18	3168181.05
8900.00	90.00	270.390	6978.00	471.74S	2939.55W	==>	2967.48	1411080.86	3168081.06
9000.00	90.00	270.390	6978.00	471.07S	3039.54W	==>	3067.12	1411081.53	3167981.07
9100.00	90.00	270.390	6978.00	470.40S	3139.54W	==>	3166.76	1411082.20	3167881.07
9200.00	90.00	270.390	6978.00	469.73S	3239.54W	==>	3266.40	1411082.87	3167781.08
9300.00	90.00	270.390	6978.00	469.05S	3339.54W	==>	3366.03	1411083.55	3167681.08
9400.00	90.00	270.390	6978.00	468.38S	3439.54W	==>	3465.67	1411084.22	3167581.09
9500.00	90.00	270.390	6978.00	467.71S	3539.53W	==>	3565.31	1411084.89	3167481.10
9600.00	90.00	270.390	6978.00	467.03S	3639.53W	==>	3664.94	1411085.57	3167381.10
9700.00	90.00	270.390	6978.00	466.36S	3739.53W	==>	3764.58	1411086.24	3167281.11
9800.00	90.00	270.390	6978.00	465.69S	3839.53W	==>	3864.22	1411086.91	3167181.11
9900.00	90.00	270.390	6978.00	465.02S	3939.52W	==>	3963.86	1411087.58	3167081.12
10000.00	90.00	270.390	6978.00	464.34S	4039.52W	==>	4063.49	1411088.26	3166981.13
10100.00	90.00	270.390	6978.00	463.67S	4139.52W	==>	4163.13	1411088.93	3166881.13
10200.00	90.00	270.390	6978.00	463.00S	4239.52W	==>	4262.77	1411089.60	3166781.14
10300.00	90.00	270.390	6978.00	462.33S	4339.52W	==>	4362.40	1411090.27	3166681.14
10400.00	90.00	270.390	6978.00	461.65S	4439.51W	==>	4462.04	1411090.95	3166581.15
10500.00	90.00	270.390	6978.00	460.98S	4539.51W	==>	4561.68	1411091.62	3166481.16
10600.00	90.00	270.390	6978.00	460.31S	4639.51W	==>	4661.32	1411092.29	3166381.16
10700.00	90.00	270.390	6978.00	459.63S	4739.51W	==>	4760.95	1411092.96	3166281.17
10800.00	90.00	270.390	6978.00	458.96S	4839.50W	==>	4860.59	1411093.64	3166181.18
10900.00	90.00	270.390	6978.00	458.29S	4939.50W	==>	4960.23	1411094.31	3166081.18
11000.00	90.00	270.390	6978.00	457.62S	5039.50W	==>	5059.87	1411094.98	3165981.19
11100.00	90.00	270.390	6978.00	456.94S	5139.50W	==>	5159.50	1411095.66	3165881.19
11200.00	90.00	270.390	6978.00	456.27S	5239.49W	==>	5259.14	1411096.33	3165781.20
11300.00	90.00	270.390	6978.00	455.60S	5339.49W	==>	5358.78	1411097.00	3165681.21
11400.00	90.00	270.390	6978.00	454.93S	5439.49W	==>	5458.41	1411097.67	3165581.21
11500.00	90.00	270.390	6978.00	454.25S	5539.49W	==>	5558.05	1411098.35	3165481.22
11600.00	90.00	270.390	6978.00	453.58S	5639.49W	==>	5657.69	1411099.02	3165381.22
11700.00	90.00	270.390	6978.00	452.91S	5739.48W	==>	5757.33	1411099.69	3165281.23
11717.69	90.00	270.390	6978.00	452.79S	5757.17W	==>	5774.95	1411099.81	3165263.54

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 4769.0ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 265.500 degrees
Bottom hole distance is 5774.95 Feet on azimuth 265.50 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Peterson Energy
Date Printed: 13-Mar-2013



SYSDRILL
Well Design Combined Report
Wellbore: Kodak 10 #7-3-28-270-4-NH (PWB)
Wellpath: Kodak 10 #7-3-28-270-4-NH (PWP#1)

Targets

Name	North[ft]	East[ft]	TVD[ft]	Latitude	Longitude	Northing	Easting	Last Revised
KOD 10 - T1	481.43S	1500.10W	6978.00	N40 27 36.6967	W104 53 26.8292	1411071.17	3169520.45	8-Mar-2013
KOD 10 - T2	452.79S	5757.17W	6978.00	N40 27 37.2650	W104 54 21.8988	1411099.81	3165263.54	8-Mar-2013

Survey Tool Program

Reference	Survey Name	MD[ft]	TVD[ft]	Survey Tool	Error Model
5948	Planned	11717.69	6978.00	WdW Rate Gyro	Standard

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 4769.0ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 265.500 degrees
Bottom hole distance is 5774.95 Feet on azimuth 265.50 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Peterson Energy
Date Printed: 13-Mar-2013



SYSDRILL
Closest Approach + Clearance Factor Summary Report
Wellbore: Kodak 10 #7-3-28-270-4-NH (PWB)
Wellpath: Kodak 10 #7-3-28-270-4-NH (PWP#1)

Ellipse separations are reported ONLY if BOTH wells have uncertainty data
Only Depth and Magnetic Reference Field error terms are correlated across tie points
Cutoff 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
Kodak 10 #7-3-28-270-4-NH (PWB)	11-Mar-2013	11-Mar-2013

Well

Name	Government ID	Last Revised
Kodak 10 #7-3-28-270-4-NH		11-Mar-2013

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Slot #10	1411552.5815	3171020.4930	N40 27 41.3515	W104 53 7.3799	143.98S	0.08E

Installation

Name	Easting	Northing	Coord System Name	North Alignment
Kodak	3171020.4161	1411696.5566	CO83-NF on NORTH AMERICAN DATUM 1983 datum	Grid

Field

Name	Easting	Northing	Coord System Name	North Alignment
Windsor Project	3162710.0707	1407271.6545	CO83-NF on NORTH AMERICAN DATUM 1983 datum	Grid

Clearance Summary

Offset WellName	Offset Wellbore	Offset Slot	Offset Structure	Separation [ft]	MD[ft]	Diverging From[ft]	Ellipse Separation [ft]	Ellipse MD[ft]	Clearance Factor	Clearance MD[ft]
Kodak 9 #7-2-28-27	Kodak 9 #7-2-28-270-4 -NH (PWB)	Slot #9	Kodak	15.93	606.96	7480.31	14.95	623.36	3.20	11717.69
Kodak 11 #7-3-28-27	Kodak 11 #7-3-28-270-4 -CH (PWB)	Slot #11	Kodak	16.03	600.00	700.31	15.03	633.43	3.18	11717.69
Kodak 8 #7-2-28-27	Kodak 8 #7-2-28-270-4 -CH (PWB)	Slot #8	Kodak	32.00	600.00	11717.69	31.02	606.96	5.34	11717.69
Kodak 12 #7-3-28-27	Kodak 12 #7-3-28-270-4 -NH (PWB)	Slot #12	Kodak	32.00	600.00	600.00	31.01	633.52	3.20	11717.69
Kodak 7 #7-2-28-27	Kodak 7 #7-2-28-270-4 -NH (PWB)	Slot #7	Kodak	47.99	600.00	11717.69	47.02	606.96	6.41	11717.69
Kodak 13 #7-4-28-27	Kodak 13 #7-4-28-270-4 -NH (PWB)	Slot #13	Kodak	48.05	600.00	600.00	47.09	633.61	6.40	11717.69
Kodak 6 #7-1-28-27	Kodak 6 #7-1-28-270-4 -NH (PWB)	Slot #6	Kodak	63.96	600.00	11717.69	62.99	600.00	9.61	11717.69
Kodak 14 #7-4-28-27	Kodak 14 #7-4-28-270-4 -CH (PWB)	Slot #14	Kodak	63.96	600.00	600.00	62.98	634.71	8.34	11717.69
Kodak 5 #7-1-28-27	Kodak 5 #7-1-28-270-4 -CH (PWB)	Slot #5	Kodak	79.95	600.00	11717.69	78.98	600.00	11.44	11717.69
Kodak 15 #7-4-28-27	Kodak 15 #7-4-28-270-4 -NH (PWB)	Slot #15	Kodak	79.98	600.00	600.00	79.01	600.00	9.60	11717.69
Kodak 4 #7-1-28-27	Kodak 4 #7-1-28-270-4 -NH (PWB)	Slot #4	Kodak	95.91	590.55	11717.69	94.95	600.00	12.81	11717.69
Kodak 3 #7-0-28-27	Kodak 3 #7-0-28-270-4 -NH (PWB)	Slot #3	Kodak	111.93	590.55	11717.69	110.96	600.00	16.01	11717.69
Kodak 2 #7-0-28-27	Kodak 2 #7-0-28-270-4 -CH (PWB)	Slot #2	Kodak	127.97	600.00	11717.69	127.00	600.00	17.76	11717.69

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Wellpath: Kodak 10 #7-3-28-270-4-NH (PWP#1)

Clearance Summary

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Kodak 1 #7-8-21-27 0-4-NH W Great Western #27-12 HILLSIDE 11	Kodak 1 #7-8-21-270-4 -NH (PWB) W Great Western #27-12 (AWB) HILLSIDE 11	Slot #1	Kodak	143.98	590.55	11717.69	143.02	600.00	19.21	11717.69
#0-7-28-00 0-4-CH HILLSIDE 10 #8-7-29-00 0-4-NH W Great Western #27-11 HILLSIDE 9	#0-7-28-000-4 -CH (PWB) HILLSIDE 10 #8-7-29-000-4 -NH (PWB) W Great Western #27-11 (AWB) HILLSIDE 9 #7-7-29-000-4 -NH (PWB)	Great Western #27-12 Slot #11	Great Western 66N67W Hillside	389.47	5744.83	5744.83	381.44	5744.83	48.02	5905.51
#7-7-29-00 0-4-NH Poudre #25-28	#7-7-29-000-4 -NH (PWB) Poudre #25-28 (AWB)	Slot #10	Hillside	401.60	11717.69	11717.69	294.59	11717.69	3.75	11717.69
W Great Western #27-52 HILLSIDE 7 #7-7-29-00 0-4-CH HILLSIDE 8 #7-7-29-00 0-4-NH W Great Western #27-21 W Great Western #27-22 Poudre #11-28	W Great Western #27-52 (AWB) HILLSIDE 7 #7-7-29-000-4 -CH (PWB) HILLSIDE 8 #7-7-29-000-4 -NH (PWB) W Great Western #27-21 (AWB) W Great Western #27-22 (AWB) Poudre #11-28 (AWB)	Great Western #27-11 Slot #9	Great Western 66N67W Hillside	553.31	11717.69	11717.69	446.22	11717.69	5.17	11717.69
Poudre #10-28	Poudre #10-28 (AWB)	Great Western #27-52 Slot #7	Great Western 66N67W Hillside	627.29	3644.23	3644.23	624.14	3644.23	151.24	6856.96
HILLSIDE 5 #6-7-29-00 0-4-NH Great Western 27-13	HILLSIDE 5 #6-7-29-000-4 -NH (PWB) W #12 Great Western 27-13 (AWB)	Great Western #27-11 Slot #9	Great Western 66N67W Hillside	882.37	11717.69	11717.69	775.05	11717.69	8.22	11717.69
HILLSIDE 6 #6-7-29-00 0-4-CH HILLSIDE 3 #5-7-29-00 0-4-NH Poudre #23-28	HILLSIDE 6 #6-7-29-000-4 -CH (PWB) HILLSIDE 3 #5-7-29-000-4 -NH (PWB) Poudre #23-28 (AWB)	Poudre #25-28 (Kerr-McGee Oil & Gas)	Poudre (Kerr-McGee Oil & Gas)	951.89	9653.23	9653.23	900.07	9678.48	16.47	10022.97
Poudre #19-28	Poudre #19-28 (AWB)	Great Western #27-52 Slot #7	Great Western 66N67W Hillside	955.84	4800.00	4800.00	951.46	4806.43	200.34	6463.25
W Great Western #27-23	W Great Western #27-23 (AWB)	Great Western #27-52 Slot #7	Great Western 66N67W Hillside	1051.28	11717.69	11717.69	1006.05	11717.69	23.24	11717.69
		Slot #8	Hillside	1210.99	11717.69	11717.69	1104.19	11717.69	11.34	11717.69
		Great Western #27-21	Great Western 66N67W	1318.05	2794.76	2794.76	1315.20	2794.76	357.06	6742.13
		Great Western #27-22	Great Western 66N67W	1469.06	606.96	606.96	1468.57	606.96	249.95	6627.30
		Poudre #11-28	Poudre (Kerr-McGee Oil & Gas)	1509.76	10215.93	10215.93	1460.58	10219.82	30.02	10564.30
		Poudre #10-28	Poudre (Kerr-McGee Oil & Gas)	1514.66	8956.69	8956.69	1457.79	8989.50	24.17	9448.82
		Slot #5	Hillside	1540.92	11717.69	11717.69	1434.66	11717.69	14.50	11717.69
		Great Western #27-13	Great Western (Great Western Oil & Gas) Hillside	1587.45	6545.28	6545.28	1577.89	6545.28	129.05	7513.12
		Slot #6	Hillside	1888.06	11717.69	11717.69	1782.32	11717.69	17.86	11717.69
		Slot #3	Hillside	2039.51	11717.69	11717.69	1933.81	11717.69	19.30	11717.69
		Poudre #23-28	Poudre (Kerr-McGee Oil & Gas)	2160.00	9639.89	9639.89	2115.94	9662.07	44.27	10351.05
		Poudre #19-28	Poudre (Kerr-McGee Oil & Gas)	2163.61	10848.80	10848.80	2099.52	10859.58	33.21	11138.45
		Great Western #27-23	Great Western (Great Western Oil & Gas)	2182.93	5135.24	5135.24	2175.52	5167.32	226.56	7250.66

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Clearance Summary

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DIAMOND VALLEY SW 9-5-22	DIAMOND VALLEY SW 1 #4-7-22-270-6-NH (PWB #2)	Slot #1	Diamond Valley SW	2302.10	6975.46	6975.46	2196.79	11717.69	20.49	11717.69
Great Western 27-31-8	Great Western 27-31-8 (AWB)	Great Western 27-31-8	Great Western Diamond Valley SW	2318.29	5431.39	5431.39	2313.17	□□y□ □ 9	393.95	6610.89
W Great Western # 27-53	W Great Western # 27-53 (AWB)	Great Western # 27-53	Great Western (Great Western Oil & Gas) Diamond Valley SW	2443.88	6463.25	6463.25	2434.35	6463.25	188.84	7972.44
DIAMOND VALLEY SW 2	DIAMOND VALLEY SW 2 #4-7-22-270-6-CH (PWB #2)	Slot #2	Diamond Valley SW	2463.03	600.00	7185.04	2365.79	11717.69	22.02	11717.69
DIAMOND VALLEY SW 3	DIAMOND VALLEY SW 3 #4-7-22-270-6-NH (PWB #2)	Slot #3	Diamond Valley SW	2476.09	600.00	6932.80	2475.11	606.96	23.42	11717.69
DIAMOND VALLEY SW 4	DIAMOND VALLEY SW 4 #4-6-22-270-6-NH (PWB #2)	Slot #4	Diamond Valley SW	2492.43	600.00	6908.35	2491.46	606.96	26.35	11717.69
DIAMOND VALLEY SW 8-2-22	DIAMOND VALLEY SW 5 #4-6-22-270-6-CH (PWB #2)	Slot #5	Diamond Valley SW	2505.53	600.00	7100.00	2504.56	606.96	27.87	11717.69
DIAMOND VALLEY SW 6	DIAMOND VALLEY SW 6 #4-6-22-270-6-NH (PWB #2)	Slot #6	Diamond Valley SW	2517.43	600.00	11717.69	2516.46	606.96	29.23	11717.69
DIAMOND VALLEY SW 7	DIAMOND VALLEY SW 7 #4-5-22-270-6-NH (PWB #2)	Slot #7	Diamond Valley SW	2533.85	574.15	6840.55	2532.93	590.55	32.20	11717.69
DIAMOND VALLEY SW 8	DIAMOND VALLEY SW 8 #4-5-22-270-6-CH (PWB #2)	Slot #8	Diamond Valley SW	2547.01	574.15	7038.79	2546.08	590.55	33.72	11717.69
HILLSIDE 2 #5-7-29-00 0-4-CH	HILLSIDE 2 #5-7-29-000-4-CH (PWB)	Slot #2	Hillside	2557.75	11717.69	11717.69	2452.61	11717.69	24.33	11717.69
DIAMOND VALLEY SW 9	DIAMOND VALLEY SW 9 #4-5-22-270-6-NH (PWB #2)	Slot #9	Diamond Valley SW	2563.48	600.00	6801.15	2562.51	600.00	35.12	11717.69
HILLSIDE 4 #5-7-29-00 0-4-NH	HILLSIDE 4 #5-7-29-000-4-NH (PWB)	Slot #4	Hillside	2640.28	11717.69	11717.69	2534.23	11717.69	24.90	11717.69
Poudre #15-28	Poudre #15-28 (AWB)	Poudre #15-28	Poudre (Kerr-McGee Oil & Gas)	2811.17	8940.29	8940.29	2756.84	8956.69	49.62	9547.24
Great	Great	Great	Great	2814.15	4914.24	4914.24	2809.83	4921.26	484.01	7529.53

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Western 27-21-3	Western 27-21-3 (AWB)	Western 27-21-3	Western Diamond Valley							
W Great Western #27-14	W Great Western #27-14 (AWB)	Great Western #27-14	Great Western (Great Western Oil & Gas)	2887.02	2690.29	6627.30	2883.95	2690.29	165.17	8841.86
Poudre #14-28	Poudre #14-28 (AWB)	Poudre #14-28	Poudre (Kerr-McGee Oil & Gas)	2896.68	10193.35	10193.35	2852.27	10236.22	57.03	11269.69
Diamond Valley 22-34	Diamond Valley 22-34 (AWB)	Diamond Valley 22-34	Great Western Diamond Valley	3157.24	738.19	738.19	3156.64	738.19	541.47	9153.54
Diamond Valley 22-23-18	Diamond Valley 22-23-18 (AWB)	Diamond Valley 22-23-18	Great Western Diamond Valley	3162.41	738.19	738.19	3161.82	738.19	394.28	9547.24
Great Western 27-31-2	Great Western 27-31-2 (AWB)	Great Western 27-31-2	Great Western Diamond Valley	3184.12	639.76	639.76	3183.60	639.76	691.45	7234.25
Diamond Valley 22-22-13	Diamond Valley 22-22-13 (AWB)	Diamond Valley 22-22-13	Great Western Diamond Valley	3190.48	639.76	639.76	3189.96	639.76	340.54	10843.18
Diamond Valley 22-33	Diamond Valley 22-33 (AWB)	Diamond Valley 22-33	Great Western Diamond Valley	3200.16	229.66	229.66	3199.95	344.49	422.49	10564.30
Diamond Valley 22-54	Diamond Valley 22-54 (AWB)	Diamond Valley 22-54	Great Western Diamond Valley	3218.43	200.00	200.00	3218.27	229.66	528.45	10449.48
Diamond Valley 22-32-12	Diamond Valley 22-32-12 (AWB)	Diamond Valley 22-32-12	Great Western Diamond Valley	3236.71	200.00	200.00	3236.55	213.25	440.95	11717.69
Diamond Valley 22-43	Diamond Valley 22-43 (AWB)	Diamond Valley 22-43	Great Western Diamond Valley	3257.63	200.00	200.00	3257.47	200.00	547.01	11717.69
Diamond Valley 22-44	Diamond Valley 22-44 (AWB)	Diamond Valley 22-44	Great Western Diamond Valley	3277.18	200.00	200.00	3277.02	200.00	711.29	10547.90
Great Western 27-41-10	Great Western 27-41-10 (AWB)	Great Western 27-41-10	Great Western Diamond Valley	3295.50	200.00	200.00	3295.34	200.00	760.14	6922.57
CENTER POINT 5 #8-1-32-18 0-4-NH	CENTER POINT 5 #8-1-32-180-4 -NH (PWB)	Slot #5	Center Point	3301.00	11717.69	11717.69	3239.88	11717.69	54.01	11717.69
Great Western 27-41-1	Great Western 27-41-1 (AWB)	Great Western 27-41-1	Great Western Diamond Valley	3313.83	200.00	200.00	3313.67	200.00	885.40	7103.02
Poudre #36-28	Poudre #36-28 (AWB)	Poudre #36-28	Poudre (Kerr-McGee Oil & Gas)	3410.69	9500.79	9500.79	3363.03	9514.44	68.20	10416.67
CENTER POINT 7 #0-1-33-18 0-4-NH	CENTER POINT 7 #0-1-33-180-4 -NH (PWB)	Slot #7	Center Point	3476.96	11717.69	11717.69	3415.82	11717.69	56.87	11717.69
CENTER POINT 8 #1-0-33-09 0-4-NH	CENTER POINT 8 #1-0-33-090-4 -NH (PWB)	Slot #8	Center Point	3530.05	7431.19	7431.19	3483.44	7447.51	58.98	11717.69
CENTER POINT 6 #1-0-33-09 0-4-CH	CENTER POINT 6 #1-0-33-090-4 -CH (PWB)	Slot #6	Center Point	3608.92	7435.51	11717.69	3560.78	11717.69	59.04	11717.69
RAINDAN	RAINDANCE	Slot #7	Raindance	3665.55	11717.69	11717.69	3571.28	11717.69	38.88	11717.69

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CE 7	7									
#1-0-32-09 0-4-NH CENTER POINT 4	#1-0-32-090-4 -NH (PWB) CENTER POINT 4	Slot #4	Center Point	3709.98	7431.10	11717.69	3663.38	7447.51	61.23	11717.69
#1-0-33-09 0-4-NH RAINDAN CE 8	#1-0-33-090-4 -NH (PWB) RAINDANCE 8	Slot #8	Raindance	3719.35	11717.69	11717.69	3624.72	11717.69	39.31	11717.69
#1-0-32-09 0-4-CH RAINDAN CE 9	#1-0-32-090-4 -CH (PWB) RAINDANCE 9	Slot #9	Raindance	3877.09	11717.69	11717.69	3781.66	11717.69	40.63	11717.69
#1-0-32-09 0-4-NH RANCHO WATER VALLEY 9	#1-0-32-090-4 -NH (PWB) RANCHO WATER VALLEY 9	Slot #09	Rancho Water Valley	3914.47	7217.85	7217.85	3884.99	7185.04	46.45	11056.43
#8-7-33-00 0-4-CH RANCHO WATER VALLEY 8	#8-7-33-000-4 -CH (PWB) RANCHO WATER VALLEY 8	Slot #08	Rancho Water Valley	3923.26	7103.02	7103.02	3902.10	7119.42	84.06	10564.30
#8-7-33-00 0-4-NH CENTER POINT 3	#8-7-33-000-4 -NH (PWB) CENTER POINT 3	Slot #3	Center Point	3940.84	11717.69	11717.69	3880.19	11717.69	64.97	11717.69
#1-1-33-09 0-4-NH CENTER POINT 1	#1-1-33-090-4 -NH (PWB) CENTER POINT 1	Slot #1	Center Point	4076.65	11717.69	11717.69	4015.96	11717.69	67.18	11717.69
#1-1-33-09 0-4-CH RAINDAN CE 2	#1-1-33-090-4 -CH (PWB) RAINDANCE 2	Slot #2	Raindance	4144.28	11717.69	11717.69	3906.83	11717.69	17.45	11717.69
#1-1-32-09 0-4-NH CENTER POINT 2	#1-1-32-090-4 -NH CENTER POINT 2	Slot #2	Center Point	4219.92	11717.69	11717.69	4159.85	11717.69	70.26	11717.69
#1-1-33-09 0-4-NH RAINDAN CE 3	#1-1-33-090-4 -NH (PWB) RAINDANCE 3	Slot #3	Raindance	4303.27	11717.69	11717.69	4064.59	11717.69	18.03	11717.69
#1-1-32-09 0-4-CH RAINDAN CE 4	#1-1-32-090-4 -CH (PWB) RAINDANCE 4	Slot #4	Raindance	4463.32	11717.69	11717.69	4223.10	11717.69	18.58	11717.69
#1-1-32-09 0-4-NH HILLSIDE 14	#1-1-32-090-4 -NH (PWB) HILLSIDE 14 #2-1-33-090-4 -NH (PWB)	Slot #14	Hillside	4610.08	7431.10	11717.69	4535.39	7447.51	61.56	7463.91
#2-1-33-09 0-4-NH HILLSIDE 15	HILLSIDE 15 #2-1-33-090-4 -CH (PWB)	Slot #15	Hillside	4774.95	7431.10	11717.69	4700.28	7447.51	63.80	7463.91
#2-1-33-09 0-4-CH RAINDAN CE 5	RAINDANCE 5 #1-2-32-090-4 -NH (PWB) HILLSIDE 18 #2-1-33-090-4 -NH (PWB)	Slot #5	Raindance	4783.42	11717.69	11717.69	4541.18	11717.69	19.75	11717.69
#1-2-32-09 0-4-NH HILLSIDE 18	HILLSIDE 18 #2-1-33-090-4 -NH (PWB)	Slot #18	Hillside	4941.59	7431.10	11717.69	4867.00	7447.51	66.07	7480.31
#2-1-33-09 0-4-NH RAINDAN CE 6	RAINDANCE 6 #1-2-32-090-4 -CH (PWB) PAVISTMA 12 #1-2-32-090-4 -NH (PWB) HILLSIDE 17 #3-1-33-090-4	Slot #6	Raindance	4948.82	11717.69	11717.69	4705.81	11717.69	20.36	11717.69
#1-2-32-09 0-4-CH PAVISTMA 12	PAVISTMA 12 #1-2-32-090-4 -CH (PWB) PAVISTMA 12 #1-2-32-090-4 -NH (PWB) HILLSIDE 17 #3-1-33-090-4	Slot #12	Pavistma	5074.56	11717.69	11717.69	4988.65	11717.69	59.07	11717.69
#1-2-32-09 0-4-NH HILLSIDE 17	HILLSIDE 17 #3-1-33-090-4	Slot #17	Hillside	5225.70	11717.69	11717.69	5158.67	11717.69	70.31	7480.31

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#3-1-33-09 0-4-NH PAVISTMA 11	-NH (PWB) PAVISTMA 11	Slot #11	Pavistma	5398.39	11717.69	11717.69	5311.67	11717.69	62.25	11717.69
#1-3-32-09 0-4-NH PAVISTMA 10	#1-3-32-090-4 -NH (PWB) PAVISTMA 10	Slot #10	Pavistma	5434.71	7431.10	7431.10	5336.27	7463.91	55.07	7480.31
#1-3-32-09 0-8-CH HILLSIDE 2-4-32 FRYE FARMS 12	#1-3-32-090-8 -CH (PWB) HILLSIDE 2-4-32 FRYE FARMS 12	HILLSIDE 2-4-32 Slot #12	Hillside Frye Farms	5540.53 5600.67	11717.69 7417.52	11717.69 7417.52	5486.08 5536.43	11717.69 7463.91	101.77 86.35	11717.69 11717.69
#1-3-33-09 0-4-NH PAVISTMA 9	#1-3-33-090-4 -NH (PWB) PAVISTMA 9	Slot #9	Pavistma	5722.97	11717.69	11717.69	5635.57	11717.69	65.48	11717.69
#1-3-32-09 0-4-NH FRYE FARMS 11	#1-3-32-090-4 -NH (PWB) FRYE FARMS 11	Slot #11	Frye Farms	5930.74	7414.74	7414.74	5866.67	7463.91	91.76	11717.69
#1-4-33-09 0-4-NH PAVISTMA 8	#1-4-33-090-4 -NH (PWB) PAVISTMA 8	Slot #8	Pavistma	6048.14	11717.69	11717.69	5960.09	11717.69	68.70	11717.69
#1-3-32-09 0-4-NH PAVISTMA 7	#1-3-32-090-4 -NH (PWB) PAVISTMA 7	Slot #7	Pavistma	6094.42	7421.22	7421.22	5996.15	7431.10	61.99	7447.51
#1-4-32-09 0-8-CH FRYE FARMS 10	#1-4-32-090-8 -CH (PWB) FRYE FARMS 10	Slot #10	Frye Farms	6311.87	7389.07	7389.07	6247.81	7431.10	97.66	7480.31
#1-4-33-09 0-4-NH PAVISTMA 6	#1-4-33-090-4 -NH (PWB) PAVISTMA 6	Slot #6	Pavistma	6450.96	11717.69	11717.69	6361.85	11717.69	72.39	11717.69
#1-4-32-09 0-4-NH FRYE FARMS 9	#1-4-32-090-4 -NH (PWB) FRYE FARMS 9	Slot #9	Frye Farms	6641.21	7339.62	7339.62	6577.00	7381.89	102.46	11717.69
#1-5-33-09 0-4-NH RAINDANCE CE 1	#1-5-33-090-4 -NH (PWB) RAINDANCE CE 1	Slot #1	Raindance	6655.39	11717.69	11717.69	6622.54	11717.69	202.61	11717.69
#1-1-32 FRYE FARMS 13	#1-1-32 (PWB) FRYE FARMS 13	Slot #13	Frye Farms	6804.44	7332.68	7332.68	6739.20	7349.08	104.12	7365.49
#5-5-32-09 0-6-CH FRYE FARMS 8	#5-5-32-090-6 -CH (PWB) FRYE FARMS 8	Slot #8	Frye Farms	6970.83	7300.00	7300.00	6906.49	7316.27	107.38	11717.69
#1-5-33-09 0-4-NH Pavistma South 1	#1-5-33-090-4 -NH (PWB) Pavistma South 1	Slot #1	Pavistma South	7058.47	11717.69	11717.69	6967.24	11717.69	77.37	11717.69
#1-5-32-09 0-4-NH Pavistma South 2	#1-5-32-090-4 -NH (PWB) Pavistma South 2	Slot #2	Pavistma South	7240.41	11717.69	11717.69	7148.38	11717.69	78.67	11717.69
#1-5-32-09 0-4-CH PAVISTMA 5	#1-5-32-090-4 -CH (PWB) PAVISTMA 5	Slot #5	Pavistma	7242.89	11717.69	11717.69	7150.73	11717.69	78.59	11717.69
#1-5-32-09 0-4-NH FRYE FARMS 7	#1-5-32-090-4 -NH (PWB) FRYE FARMS 7	Slot #7	Frye Farms	7300.80	7250.66	7250.66	7236.40	7250.66	112.49	11717.69
#1-6-33-09 0-4-NH PAVISTMA 4-2-32 RANCHO WATER	#1-6-33-090-4 -NH (PWB) PAVISTMA 4-2-32 RANCHO WATER	PAVISTMA 4-2-32 Slot #13	Pavistma Rancho Water Valley	7366.26 7453.11	11717.69 7267.06	11717.69 7267.06	7314.12 7431.92	11717.69 7381.89	141.26 82.25	11717.69 11717.69

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Vertical Section is from 0.00N 0.00E on azimuth 265.500 degrees
Prepared by Peterson Energy
Date Printed: 13-Mar-2013



SYSDRILL
Closest Approach + Clearance Factor Summary Report
Wellbore: Kodak 10 #7-3-28-270-4-NH (PWB)
Wellpath: Kodak 10 #7-3-28-270-4-NH (PWP#1)

Clearance Summary

Offset WellName	Offset Wellbore	Offset Slot	Offset Structure	Separation [ft]	MD[ft]	Diverging From[ft]	Ellipse Separation [ft]	Ellipse MD[ft]	Clearance Factor	Clearance MD[ft]
VALLEY 13 #7-6-33-27 0-6-CH	VALLEY 13 #7-6-33-270-6 -CH (PWB)									
PAVISTMA 5-3-32 FRYE FARMS 6 #1-6-33-09 0-4-NH	PAVISTMA 5-3-32 (AWB) FRYE FARMS 6 #1-6-33-090-4 -NH (PWB)	PAVISTMA 5-3-32 Slot #6	Pavistma Frye Farms	7528.33 7630.87	11717.69 7250.66	11717.69 7250.66	7468.77 7566.58	11717.69 7250.66	126.40 118.59	11717.69 11717.69
PAVISTMA 4 #1-6-32-09 0-4-NH	PAVISTMA 4 #1-6-32-090-4 -NH (PWB)	Slot #4	Pavistma	7731.17	11717.69	11717.69	7637.47	11717.69	82.51	11717.69
PAVISTMA 11-32 Pavistma South 3 #1-6-32-09 0-4-NH	PAVISTMA 11-32 (AWB) Pavistma South 3 #1-6-32-090-4 -NH (PWB)	PAVISTMA 11-32 Slot #3	Pavistma (Anadarko) Pavistma South	7738.12 7787.26	11717.69 11717.69	11717.69 11717.69	7651.01 7693.41	11717.69 11717.69	88.83 82.97	11717.69 11717.69
FRYE FARM 7-5-32 RANCHO WATER VALLEY 12 #7-7-33-27 0-4-NH	FRYE FARM 7-5-32 (AWB) RANCHO WATER VALLEY 12 #7-7-33-270-4 -NH (PWB)	FRYE FARMS #7-5-32 Slot #12	Frye Farms Rancho Water Valley	7942.70 7960.82	11717.69 7234.25	11717.69 7234.25	7857.97 7811.39	11717.69 11269.69	93.74 35.63	11717.69 11717.69
FRYE FARMS 5 #7-9-32-27 0-4-NH RANCHO WATER VALLEY 11 #7-7-33-27 0-6-CH	FRYE FARMS 5 #7-9-32-270-4 -NH (PWB) RANCHO WATER VALLEY 11 #7-7-33-270-6 -CH (PWB)	Slot #5 Slot #11	Frye Farms Rancho Water Valley	8031.73 8107.75	11532.15 7250.66	11532.15 7250.66	7968.84 8087.07	11600.00 7365.49	125.28 90.60	11717.69 11717.69
PAVISTMA 5-1-32 RANCHO WATER VALLEY 10 #7-8-33-27 0-4-NH	PAVISTMA 5-1-32 (AWB) RANCHO WATER VALLEY 10 #7-8-33-270-4 -NH (PWB)	PAVISTMA 5-1-32 Slot #10	Pavistma Rancho Water Valley	8286.73 8288.99	11717.69 7234.25	11717.69 7234.25	8237.39 8268.26	11717.69 7400.00	167.94 92.68	11717.69 11717.69
FRYE FARMS 1 #7-8-32-27 0-4-NH Pavistma South 4 #1-7-32-09 0-4-CH	FRYE FARMS 1 #7-8-32-270-4 -NH (PWB) Pavistma South 4 #1-7-32-090-4 -CH (PWB)	Slot #1 Slot #4	Frye Farms Pavistma South	8329.70 8377.28	11435.07 11717.69	11435.07 11717.69	8267.53 8281.64	11500.00 11717.69	130.05 87.59	11717.69 11717.69
PAVISTMA 12-32 PAVISTMA 19-32 Pavistma South 5 #1-8-32-09 0-4-NH	PAVISTMA 12-32 (AWB) PAVISTMA 19-32 (AWB) Pavistma South 5 #1-8-32-090-4 -NH (PWB)	PAVISTMA 12-32 PAVISTMA 19-32 Slot #5	Pavistma (Anadarko) Pavistma (Anadarko) Pavistma South	8408.05 8614.73 8620.44	11717.69 11717.69 11717.69	11717.69 11717.69 11717.69	8358.76 8539.82 8524.13	11717.69 11717.69 11717.69	170.57 115.00 89.51	11717.69 11717.69 11717.69
RANCHO WATER VALLEY 7 #7-8-33-27 0-5-CH RANCHO WATER VALLEY 6 #0-7-4-270 -5-NH	RANCHO WATER VALLEY 7 #7-8-33-270-5 -CH (PWB) RANCHO WATER VALLEY 6 #0-7-4-270-5- NH (PWB)	Slot #07 Slot #06	Rancho Water Valley Rancho Water Valley	8695.10 8861.17	7283.46 7250.66	7283.46 7250.66	8673.48 8839.94	7431.10 7431.10	91.42 93.06	11717.69 11717.69
FRYE FARMS #9-7-32 FRYE FARMS	FRYE FARMS #9-7-32 (AWB) FRYE FARMS	FRYE FARMS #9-7-32	Frye Farms Frye Farms	8893.75 9171.70	11717.69 11717.69	11717.69 11717.69	8831.06 9096.05	11717.69 11717.69	141.87 121.25	11717.69 11717.69

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Clearance Summary

Offset WellName	Offset Wellbore	Offset Slot	Offset Structure	Separation [ft]	MD[ft]	Diverging From[ft]	Ellipse Separation [ft]	Ellipse MD[ft]	Clearance Factor	Clearance MD[ft]
#9-5-32	#9-5-32 (AWB)	#9-5-32								
RANCHO WATER VALLEY 4	RANCHO WATER VALLEY 4	Slot #04	Rancho Water Valley	9192.39	7250.66	7250.66	9036.68	11122.05	40.67	11717.69
#7-1-4-270-4-NH	#7-1-4-270-4-NH (PWB)									
RANCHO WATER VALLEY 5	RANCHO WATER VALLEY 5	Slot #05	Rancho Water Valley	9381.06	2746.60	2746.60	9376.46	2755.91	43.33	11717.69
#7-2-4-270-4-NH	#7-2-4-270-4-NH (PWB)									
Lind #13-32	Lind #13-32 (AWB)	Lind #13-32	Lind (Anadarko)	9439.25	11717.69	11717.69	9379.91	11717.69	159.06	11717.69
RANCHO WATER VALLEY	RANCHO WATER VALLEY	Slot #02	Rancho Water Valley	9448.26	1953.32	7250.66	9445.20	1968.50	165.80	11717.69
#2-8-4	2-8-4 (AWB)									
RANCHO WATER VALLEY	RANCHO WATER VALLEY	Slot #03	Rancho Water Valley	9467.91	8234.91	8234.91	9401.42	8333.33	104.81	11717.69
#2-6-4	#2-6-4 (AWB)									
RANCHO WATER VALLEY	RANCHO WATER VALLEY	Slot #01	Rancho Water Valley	9496.43	114.83	7000.00	9496.07	114.83	177.90	11717.69
#3-9-4	#3-9-4 (AWB)									
Anderson #1	Anderson #1 (AWB)	Anderson #1	Anderson (J.K. Wadley)	10131.65	11717.69	11717.69	10089.09	11717.69	238.03	11717.69