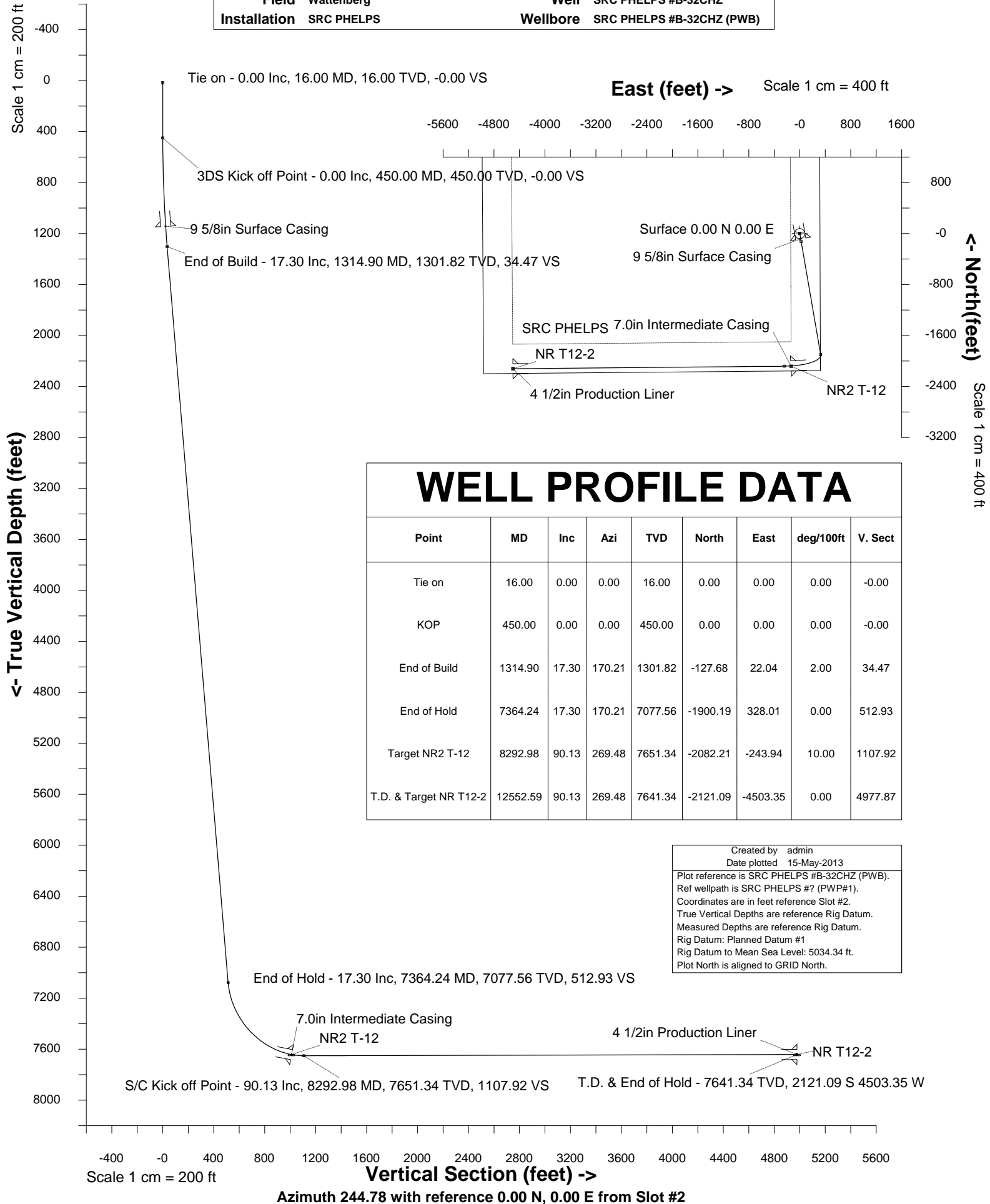


SYNERGY RESOURCES

Location	Weld County, CO, USA(Imported)	Slot	Slot #2
Field	Wattenberg	Well	SRC PHELPS #B-32CHZ
Installation	SRC PHELPS	Wellbore	SRC PHELPS #B-32CHZ (PWB)





INTEGRATED PETROLEUM TECHNOLOGIES, INC
SYSDRILL
Well Design Combined Report
Wellbore: SRC PHELPS #B-32CHZ (PWB)

Wellhead Details							
Name	Northing	Easting	Latitude	Longitude	North	East	Elevation Above Inst.
Slot #2	1247273.2810	3198146.5490	N40 0 35.9344	W104 47 33.3985	22.49S	0.01E	0.40

Declination			
Date	Source	Time	
18-Apr-2013	IGRF Model [1900.0-2015.0]		16:06

Site Details				
Name	Northing	Easting	Coord System Name	North Alignment
SRC PHELPS	1247295.7700	3198146.5430	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
16.00	0.00	0.000	16.00	0.00N	0.00E		0.00	1247273.28	3198146.55
450.00	0.00	0.000	450.00	0.00N	0.00E	==>	0.00	1247273.28	3198146.55
1314.90	17.30	170.210	1301.82	127.68S	22.04E	2.00	34.47	1247145.60	3198168.59
7364.24	17.30	170.210	7077.56	1900.19S	328.01E	==>	512.93	1245373.16	3198474.55
8292.98	90.13	269.480	7651.34	2082.21S	243.94W	10.00	1107.92	1245191.14	3197902.62
12552.59	90.13	269.480	7641.34	2121.09S	4503.35W	==>	4977.87	1245152.27	3193643.36

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	1247273.28	3198146.55
16.00	0.00	0.000	16.00	0.00N	0.00E	==>	0.00	1247273.28	3198146.55
100.00	0.00	0.000	100.00	0.00N	0.00E	==>	0.00	1247273.28	3198146.55
200.00	0.00	0.000	200.00	0.00N	0.00E	==>	0.00	1247273.28	3198146.55
300.00	0.00	0.000	300.00	0.00N	0.00E	==>	0.00	1247273.28	3198146.55
400.00	0.00	0.000	400.00	0.00N	0.00E	==>	0.00	1247273.28	3198146.55
434.00	0.00	0.000	434.00	0.00N	0.00E	==>	0.00	1247273.28	3198146.55
450.00	0.00	0.000	450.00	0.00N	0.00E	==>	0.00	1247273.28	3198146.55
534.00	1.68	170.210	533.99	1.21S	0.21E	2.00	0.33	1247272.07	3198146.76
634.00	3.68	170.210	633.87	5.82S	1.00E	2.00	1.57	1247267.46	3198147.55
734.00	5.68	170.210	733.54	13.86S	2.39E	2.00	3.74	1247259.42	3198148.94
834.00	7.68	170.210	832.85	25.32S	4.37E	2.00	6.84	1247247.96	3198150.92
934.00	9.68	170.210	931.70	40.19S	6.94E	2.00	10.85	1247233.09	3198153.49
1034.00	11.68	170.210	1029.96	58.46S	10.09E	2.00	15.78	1247214.83	3198156.64
1134.00	13.68	170.210	1127.52	80.08S	13.82E	2.00	21.62	1247193.20	3198160.37
1234.00	15.68	170.210	1224.25	105.06S	18.13E	2.00	28.36	1247168.23	3198164.68
1300.00	17.00	170.210	1287.58	123.35S	21.29E	2.00	33.30	1247149.93	3198167.84
1314.90	17.30	170.210	1301.82	127.68S	22.04E	2.00	34.47	1247145.60	3198168.59
1400.00	17.30	170.210	1383.07	152.62S	26.34E	==>	41.20	1247120.67	3198172.89
1500.00	17.30	170.210	1478.55	181.92S	31.40E	==>	49.11	1247091.37	3198177.95
1600.00	17.30	170.210	1574.03	211.22S	36.46E	==>	57.02	1247062.07	3198183.01
1700.00	17.30	170.210	1669.50	240.52S	41.52E	==>	64.93	1247032.77	3198188.07
1800.00	17.30	170.210	1764.98	269.82S	46.58E	==>	72.83	1247003.47	3198193.12
1900.00	17.30	170.210	1860.46	299.12S	51.63E	==>	80.74	1246974.17	3198198.18
2000.00	17.30	170.210	1955.93	328.42S	56.69E	==>	88.65	1246944.87	3198203.24
2100.00	17.30	170.210	2051.41	357.72S	61.75E	==>	96.56	1246915.57	3198208.30
2200.00	17.30	170.210	2146.89	387.03S	66.81E	==>	104.47	1246886.27	3198213.35
2300.00	17.30	170.210	2242.37	416.33S	71.87E	==>	112.38	1246856.97	3198218.41
2400.00	17.30	170.210	2337.84	445.63S	76.92E	==>	120.29	1246827.67	3198223.47
2500.00	17.30	170.210	2433.32	474.93S	81.98E	==>	128.20	1246798.37	3198228.53
2600.00	17.30	170.210	2528.80	504.23S	87.04E	==>	136.11	1246769.07	3198233.59
2700.00	17.30	170.210	2624.27	533.53S	92.10E	==>	144.02	1246739.77	3198238.64
2800.00	17.30	170.210	2719.75	562.83S	97.16E	==>	151.93	1246710.47	3198243.70
2900.00	17.30	170.210	2815.23	592.13S	102.21E	==>	159.84	1246681.17	3198248.76
3000.00	17.30	170.210	2910.71	621.43S	107.27E	==>	167.75	1246651.87	3198253.82
3100.00	17.30	170.210	3006.18	650.73S	112.33E	==>	175.66	1246622.57	3198258.87
3200.00	17.30	170.210	3101.66	680.03S	117.39E	==>	183.57	1246593.27	3198263.93

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Coordinates are from Slot MD's are from Rig and TVD's are from Rig (Planned Datum #1 5034.3ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 244.780 degrees
Bottom hole distance is 4977.87 Feet on azimuth 244.78 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Peterson Energy
Date Printed: 15-May-2013



INTEGRATED PETROLEUM TECHNOLOGIES, INC
SYSDRILL
Well Design Combined Report
Wellbore: SRC PHELPS #B-32CHZ (PWB)

Interpolated Wellpath									
MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Northing	Easting
3300.00	17.30	170.210	3197.14	709.34S	122.45E	==>	191.48	1246563.97	3198268.99
3400.00	17.30	170.210	3292.61	738.64S	127.50E	==>	199.39	1246534.67	3198274.05
3500.00	17.30	170.210	3388.09	767.94S	132.56E	==>	207.30	1246505.37	3198279.11
3600.00	17.30	170.210	3483.57	797.24S	137.62E	==>	215.20	1246476.07	3198284.16
3700.00	17.30	170.210	3579.04	826.54S	142.68E	==>	223.11	1246446.77	3198289.22
3800.00	17.30	170.210	3674.52	855.84S	147.74E	==>	231.02	1246417.47	3198294.28
3900.00	17.30	170.210	3770.00	885.14S	152.79E	==>	238.93	1246388.17	3198299.34
4000.00	17.30	170.210	3865.48	914.44S	157.85E	==>	246.84	1246358.87	3198304.39
4100.00	17.30	170.210	3960.95	943.74S	162.91E	==>	254.75	1246329.57	3198309.45
4200.00	17.30	170.210	4056.43	973.04S	167.97E	==>	262.66	1246300.27	3198314.51
4300.00	17.30	170.210	4151.91	1002.34S	173.02E	==>	270.57	1246270.97	3198319.57
4400.00	17.30	170.210	4247.38	1031.65S	178.08E	==>	278.48	1246241.67	3198324.63
4500.00	17.30	170.210	4342.86	1060.95S	183.14E	==>	286.39	1246212.37	3198329.68
4600.00	17.30	170.210	4438.34	1090.25S	188.20E	==>	294.30	1246183.07	3198334.74
4700.00	17.30	170.210	4533.82	1119.55S	193.26E	==>	302.21	1246153.77	3198339.80
4800.00	17.30	170.210	4629.29	1148.85S	198.31E	==>	310.12	1246124.47	3198344.86
4900.00	17.30	170.210	4724.77	1178.15S	203.37E	==>	318.03	1246095.17	3198349.91
5000.00	17.30	170.210	4820.25	1207.45S	208.43E	==>	325.94	1246065.87	3198354.97
5100.00	17.30	170.210	4915.72	1236.75S	213.49E	==>	333.85	1246036.57	3198360.03
5200.00	17.30	170.210	5011.20	1266.05S	218.55E	==>	341.76	1246007.27	3198365.09
5300.00	17.30	170.210	5106.68	1295.35S	223.60E	==>	349.66	1245977.97	3198370.15
5400.00	17.30	170.210	5202.16	1324.65S	228.66E	==>	357.57	1245948.68	3198375.20
5500.00	17.30	170.210	5297.63	1353.96S	233.72E	==>	365.48	1245919.38	3198380.26
5600.00	17.30	170.210	5393.11	1383.26S	238.78E	==>	373.39	1245890.08	3198385.32
5700.00	17.30	170.210	5488.59	1412.56S	243.84E	==>	381.30	1245860.78	3198390.38
5800.00	17.30	170.210	5584.06	1441.86S	248.89E	==>	389.21	1245831.48	3198395.43
5900.00	17.30	170.210	5679.54	1471.16S	253.95E	==>	397.12	1245802.18	3198400.49
6000.00	17.30	170.210	5775.02	1500.46S	259.01E	==>	405.03	1245772.88	3198405.55
6100.00	17.30	170.210	5870.49	1529.76S	264.07E	==>	412.94	1245743.58	3198410.61
6200.00	17.30	170.210	5965.97	1559.06S	269.13E	==>	420.85	1245714.28	3198415.66
6300.00	17.30	170.210	6061.45	1588.36S	274.18E	==>	428.76	1245684.98	3198420.72
6400.00	17.30	170.210	6156.93	1617.66S	279.24E	==>	436.67	1245655.68	3198425.78
6500.00	17.30	170.210	6252.40	1646.96S	284.30E	==>	444.58	1245626.38	3198430.84
6600.00	17.30	170.210	6347.88	1676.27S	289.36E	==>	452.49	1245597.08	3198435.90
6700.00	17.30	170.210	6443.36	1705.57S	294.42E	==>	460.40	1245567.78	3198440.95
6800.00	17.30	170.210	6538.83	1734.87S	299.47E	==>	468.31	1245538.48	3198446.01
6900.00	17.30	170.210	6634.31	1764.17S	304.53E	==>	476.22	1245509.18	3198451.07
7000.00	17.30	170.210	6729.79	1793.47S	309.59E	==>	484.12	1245479.88	3198456.13
7100.00	17.30	170.210	6825.27	1822.77S	314.65E	==>	492.03	1245450.58	3198461.18
7200.00	17.30	170.210	6920.74	1852.07S	319.70E	==>	499.94	1245421.28	3198466.24
7300.00	17.30	170.210	7016.22	1881.37S	324.76E	==>	507.85	1245391.98	3198471.30
7364.24	17.30	170.210	7077.56	1900.19S	328.01E	==>	512.93	1245373.16	3198474.55
7400.00	17.11	182.300	7111.73	1910.69S	328.71E	10.00	516.78	1245362.66	3198475.24
7500.00	20.15	212.530	7206.69	1939.98S	318.83E	10.00	538.20	1245333.37	3198465.36
7600.00	26.71	231.780	7298.53	1968.48S	291.84E	10.00	574.75	1245304.87	3198438.38
7700.00	34.85	243.240	7384.45	1995.32S	248.57E	10.00	625.34	1245278.03	3198395.11
7800.00	43.69	250.660	7461.84	2019.68S	190.33E	10.00	688.41	1245253.67	3198336.87
7900.00	52.87	255.980	7528.34	2040.83S	118.88E	10.00	762.06	1245232.52	3198265.42
8000.00	62.24	260.130	7581.94	2058.12S	36.40E	10.00	844.04	1245215.24	3198182.95
8100.00	71.72	263.610	7621.01	2071.03S	54.60W	10.00	931.87	1245202.33	3198091.95
8200.00	81.25	266.720	7644.36	2079.16S	151.37W	10.00	1022.87	1245194.20	3197995.19
8292.98	90.13	269.480	7651.34	2082.21S	243.94W	10.00	1107.92	1245191.14	3197902.62
8300.00	90.13	269.480	7651.32	2082.28S	250.95W	==>	1114.29	1245191.08	3197895.61
8400.00	90.13	269.480	7651.09	2083.19S	350.95W	==>	1205.15	1245190.17	3197795.61
8500.00	90.13	269.480	7650.85	2084.10S	450.94W	==>	1296.00	1245189.25	3197695.62
8600.00	90.13	269.480	7650.62	2085.02S	550.94W	==>	1386.85	1245188.34	3197595.63
8700.00	90.13	269.480	7650.38	2085.93S	650.93W	==>	1477.70	1245187.43	3197495.64
8800.00	90.13	269.480	7650.15	2086.84S	750.93W	==>	1568.56	1245186.52	3197395.65
8900.00	90.13	269.480	7649.91	2087.75S	850.92W	==>	1659.41	1245185.60	3197295.66
9000.00	90.13	269.480	7649.68	2088.67S	950.92W	==>	1750.26	1245184.69	3197195.66
9100.00	90.13	269.480	7649.45	2089.58S	1050.92W	==>	1841.11	1245183.78	3197095.67

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Bottom hole distance is 4977.87 Feet on azimuth 244.78 degrees from Wellhead
Calculation method uses Minimum Curvature method
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SYSDRILL
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Interpolated Wellpath									
MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Northing	Easting
9200.00	90.13	269.480	7649.21	2090.49S	1150.91W	==>	1931.96	1245182.87	3196995.68
9300.00	90.13	269.480	7648.98	2091.40S	1250.91W	==>	2022.82	1245181.95	3196895.69
9400.00	90.13	269.480	7648.74	2092.32S	1350.90W	==>	2113.67	1245181.04	3196795.70
9500.00	90.13	269.480	7648.51	2093.23S	1450.90W	==>	2204.52	1245180.13	3196695.70
9600.00	90.13	269.480	7648.27	2094.14S	1550.89W	==>	2295.37	1245179.22	3196595.71
9700.00	90.13	269.480	7648.04	2095.05S	1650.89W	==>	2386.23	1245178.30	3196495.72
9800.00	90.13	269.480	7647.80	2095.97S	1750.88W	==>	2477.08	1245177.39	3196395.73
9900.00	90.13	269.480	7647.57	2096.88S	1850.88W	==>	2567.93	1245176.48	3196295.74
10000.00	90.13	269.480	7647.33	2097.79S	1950.88W	==>	2658.78	1245175.57	3196195.74
10100.00	90.13	269.480	7647.10	2098.70S	2050.87W	==>	2749.64	1245174.65	3196095.75
10200.00	90.13	269.480	7646.86	2099.62S	2150.87W	==>	2840.49	1245173.74	3195995.76
10300.00	90.13	269.480	7646.63	2100.53S	2250.86W	==>	2931.34	1245172.83	3195895.77
10400.00	90.13	269.480	7646.39	2101.44S	2350.86W	==>	3022.19	1245171.92	3195795.78
10500.00	90.13	269.480	7646.16	2102.35S	2450.85W	==>	3113.04	1245171.00	3195695.78
10600.00	90.13	269.480	7645.92	2103.27S	2550.85W	==>	3203.90	1245170.09	3195595.79
10700.00	90.13	269.480	7645.69	2104.18S	2650.84W	==>	3294.75	1245169.18	3195495.80
10800.00	90.13	269.480	7645.45	2105.09S	2750.84W	==>	3385.60	1245168.27	3195395.81
10900.00	90.13	269.480	7645.22	2106.00S	2850.84W	==>	3476.45	1245167.35	3195295.82
11000.00	90.13	269.480	7644.98	2106.92S	2950.83W	==>	3567.31	1245166.44	3195195.82
11100.00	90.13	269.480	7644.75	2107.83S	3050.83W	==>	3658.16	1245165.53	3195095.83
11200.00	90.13	269.480	7644.52	2108.74S	3150.82W	==>	3749.01	1245164.62	3194995.84
11300.00	90.13	269.480	7644.28	2109.65S	3250.82W	==>	3839.86	1245163.70	3194895.85
11400.00	90.13	269.480	7644.05	2110.57S	3350.81W	==>	3930.72	1245162.79	3194795.86
11500.00	90.13	269.480	7643.81	2111.48S	3450.81W	==>	4021.57	1245161.88	3194695.87
11600.00	90.13	269.480	7643.58	2112.39S	3550.80W	==>	4112.42	1245160.97	3194595.87
11700.00	90.13	269.480	7643.34	2113.30S	3650.80W	==>	4203.27	1245160.05	3194495.88
11800.00	90.13	269.480	7643.11	2114.22S	3750.80W	==>	4294.12	1245159.14	3194395.89
11900.00	90.13	269.480	7642.87	2115.13S	3850.79W	==>	4384.98	1245158.23	3194295.90
12000.00	90.13	269.480	7642.64	2116.04S	3950.79W	==>	4475.83	1245157.32	3194195.91
12100.00	90.13	269.480	7642.40	2116.96S	4050.78W	==>	4566.68	1245156.40	3194095.91
12200.00	90.13	269.480	7642.17	2117.87S	4150.78W	==>	4657.53	1245155.49	3193995.92
12300.00	90.13	269.480	7641.93	2118.78S	4250.77W	==>	4748.39	1245154.58	3193895.93
12400.00	90.13	269.480	7641.70	2119.69S	4350.77W	==>	4839.24	1245153.67	3193795.94
12500.00	90.13	269.480	7641.46	2120.61S	4450.77W	==>	4930.09	1245152.75	3193695.95
12552.59	90.13	269.480	7641.34	2121.09S	4503.35W	==>	4977.87	1245152.27	3193643.36

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SYSDRILL
Well Design Combined Report
Wellbore: SRC PHELPS #B-32CHZ (PWB)

Hole Sections								
Diameter	Start	Start	Start	Start	End	End	End	End
[in]	MD[ft]	TVD[ft]	North[ft]	East[ft]	MD[ft]	TVD[ft]	North[ft]	East[ft]
13 1/2	16.00	16.00	0.00N	0.00E	1150.00	1143.06	83.86S	14.48E
8 5/8	1150.00	1143.06	83.86S	14.48E	8187.00	7642.24	2078.38S	138.56W
6 1/8	8187.00	7642.24	2078.38S	138.56W	12552.59	7641.34	2121.09S	4503.35W

Casings								
Name	Top	Top	Top	Top	Shoe	Shoe	Shoe	Shoe
	MD[ft]	TVD[ft]	North[ft]	East[ft]	MD[ft]	TVD[ft]	North[ft]	East[ft]
9 5/8in Surface Casing	16.00	16.00	0.00N	0.00E	1150.00	1143.06	83.86S	14.48E
7.0in Intermediate Casing	16.00	16.00	0.00N	0.00E	8187.00	7642.24	2078.38S	138.56W
4 1/2in Production Liner	7365.00	7078.28	1900.42S	328.05E	12552.59	7641.34	2121.09S	4503.35W

Targets								
Name	North[ft]	East[ft]	TVD[ft]	Latitude	Longitude	Northing	Easting	Last Revised
NR T12-2	2121.09S	4503.35W	7641.34	N40 0 15.3248	W104 48 31.4841	1245152.27	3193643.36	14-May-2013
NR2 T-12	2082.29S	135.94W	7641.34	N40 0 15.3680	W104 47 35.3587	1245191.07	3198010.62	14-May-2013

Survey Tool Program					
Reference	Survey Name	MD[ft]	TVD[ft]	Survey Tool	Error Model
24314	Planned	12552.59	7641.34	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 5034.3ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 244.780 degrees
Bottom hole distance is 4977.87 Feet on azimuth 244.78 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Peterson Energy
Date Printed: 15-May-2013



SYSDRILL
Closest Approach + Clearance Factor Summary Report
Wellbore: SRC PHELPS #B-32CHZ (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
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
SRC PHELPS #B-32CHZ (PWB)	22-Apr-2013	14-May-2013

Well		
Name	Government ID	Last Revised
SRC PHELPS #B-32CHZ		14-May-2013

Slot						
Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Slot #2	1247273.2810	3198146.5490	N40 0 35.9344	W104 47 33.3985	22.49S	0.01E

Installation					
Name	Easting	Northing	Coord System Name	North Alignment	
SRC PHELPS	3198146.5430	1247295.7700	CO83-NF on NORTH AMERICAN DATUM 1983 datum	Grid	

Field					
Name	Easting	Northing	Coord System Name	North Alignment	
Wattenberg	3212690.1960	1438741.7551	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]
SRC PHELPS #J-32CHZ	SRC PHELPS #J-32CHZ (PWB)	Slot #1	SRC PHELPS	22.49	450.00	450.00	20.83	450.00	13.33	475.32
SRC PHELPS #13-32CHZ	SRC PHELPS #13-32CHZ (PWB)	Slot #4	SRC PHELPS	22.50	458.91	12548.81	20.78	508.13	7.05	12548.81
SRC PHELPS #11-32NHZ	SRC PHELPS #11-32NHZ (PWB)	Slot #3	SRC PHELPS	35.11	450.00	12548.81	33.44	458.91	19.88	573.74
SRC PHELPS #13-32NHZ	SRC PHELPS #13-32NHZ (PWB)	Slot #6	SRC PHELPS	45.09	458.91	12552.59	43.36	524.53	9.69	12552.59
SRC PHELPS #11-32CHZ	SRC PHELPS #11-32CHZ (PWB)	Slot #5	SRC PHELPS	54.57	450.00	450.00	52.89	458.91	29.13	672.17
SRC PHELPS #K-32CHZ	SRC PHELPS #K-32CHZ (PWB)	Slot #8	SRC PHELPS	67.46	458.91	12548.81	65.73	524.53	14.95	12548.81
SRC PHELPS #A-32NHZ	SRC PHELPS #A-32NHZ (PWB)	Slot #7	SRC PHELPS	75.61	450.00	450.00	73.93	458.91	33.04	12552.59
SRC PHELPS #K-32NHZ	SRC PHELPS #K-32NHZ (PWB)	Slot #10	SRC PHELPS	97.97	458.91	12548.81	96.24	524.53	17.27	12548.81
SRC PHELPS #A-32CHZ	SRC PHELPS #A-32CHZ (PWB)	Slot #9	SRC PHELPS	105.18	450.00	450.00	103.50	475.32	30.77	12552.59

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Vertical Section is from 0.00N 0.00E on azimuth 244.780 degrees
Prepared by Peterson Energy
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SYSDRILL
Closest Approach + Clearance Factor Summary Report
Wellbore: SRC PHELPS #B-32CHZ (PWB)

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]
SRC PHELPS #12-32CHZ	SRC PHELPS #12-32CHZ (PWB)	Slot #12	SRC PHELPS	120.49	458.91	12548.81	118.75	540.93	22.80	12548.81
SRC PHELPS #12-32NHZ	SRC PHELPS #12-32NHZ (PWB)	Slot #11	SRC PHELPS	127.11	458.91	12548.81	125.42	475.32	25.32	12548.81
EMMA DELVENT HAL GAS UNIT #1	EMMA DELVENTHAL GAS UNIT #1 (AWB)	EMMA DELVENT HAL GAS UNIT #1	SRC PHELPS OFFSETS	782.15	458.91	8811.18	774.37	622.96	50.91	3050.78