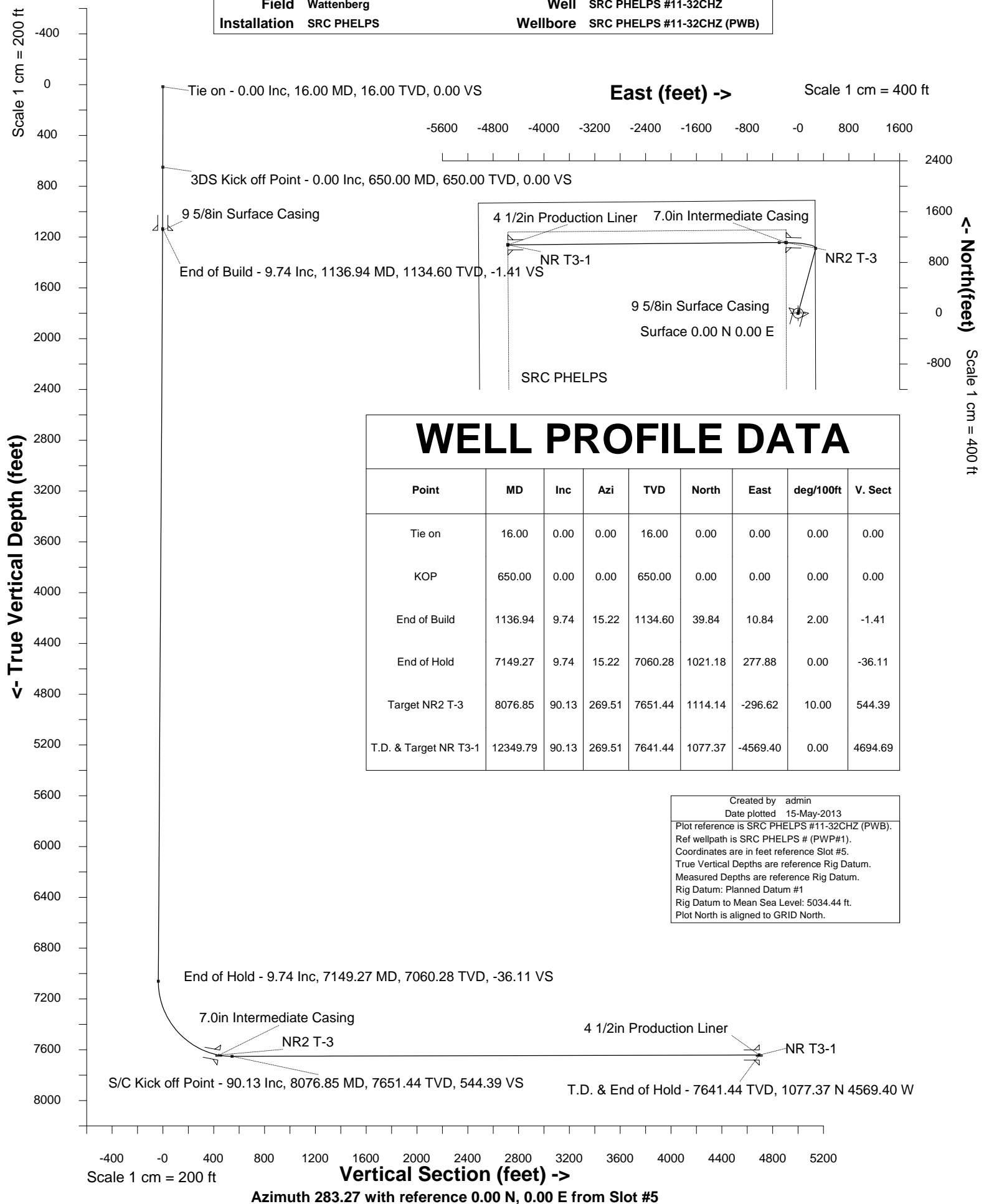


Location	Weld County, CO, USA(Imported)	Slot	Slot #5
Field	Wattenberg	Well	SRC PHELPS #11-32CHZ
Installation	SRC PHELPS	Wellbore	SRC PHELPS #11-32CHZ (PWB)





INTEGRATED PETROLEUM TECHNOLOGIES, INC
SYSDRILL
Well Design Combined Report
Wellbore: SRC PHELPS #11-32CHZ (PWB)

Wellhead Details							
Name	Northing	Easting	Latitude	Longitude	North	East	Elevation Above Inst.
Slot #5	1247305.7010	3198190.4360	N40 0 36.2514	W104 47 32.8311	9.93N	43.89E	0.50

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	1247305.70	3198190.44
650.00	0.00	0.000	650.00	0.00N	0.00E	==>	0.00	1247305.70	3198190.44
1136.94	9.74	15.220	1134.60	39.84N	10.84E	2.00	-1.41	1247345.53	3198201.28
7149.27	9.74	15.220	7060.28	1021.18N	277.88E	==>	-36.11	1248326.84	3198468.30
8076.85	90.13	269.510	7651.44	1114.14N	296.62W	10.00	544.39	1248419.80	3197893.82
12349.79	90.13	269.510	7641.44	1077.37N	4569.40W	==>	4694.69	1248383.03	3193621.21

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	1247305.70	3198190.44
16.00	0.00	0.000	16.00	0.00N	0.00E	==>	0.00	1247305.70	3198190.44
100.00	0.00	0.000	100.00	0.00N	0.00E	==>	0.00	1247305.70	3198190.44
200.00	0.00	0.000	200.00	0.00N	0.00E	==>	0.00	1247305.70	3198190.44
300.00	0.00	0.000	300.00	0.00N	0.00E	==>	0.00	1247305.70	3198190.44
400.00	0.00	0.000	400.00	0.00N	0.00E	==>	0.00	1247305.70	3198190.44
500.00	0.00	0.000	500.00	0.00N	0.00E	==>	0.00	1247305.70	3198190.44
600.00	0.00	0.000	600.00	0.00N	0.00E	==>	0.00	1247305.70	3198190.44
634.00	0.00	0.000	634.00	0.00N	0.00E	==>	0.00	1247305.70	3198190.44
650.00	0.00	0.000	650.00	0.00N	0.00E	==>	0.00	1247305.70	3198190.44
734.00	1.68	15.220	733.99	1.19N	0.32E	2.00	-0.04	1247306.89	3198190.76
834.00	3.68	15.220	833.87	5.70N	1.55E	2.00	-0.20	1247311.40	3198191.99
934.00	5.68	15.220	933.54	13.57N	3.69E	2.00	-0.48	1247319.27	3198194.13
1034.00	7.68	15.220	1032.85	24.80N	6.75E	2.00	-0.88	1247330.50	3198197.18
1134.00	9.68	15.220	1131.70	39.36N	10.71E	2.00	-1.39	1247345.06	3198201.15
1136.94	9.74	15.220	1134.60	39.84N	10.84E	2.00	-1.41	1247345.53	3198201.28
1200.00	9.74	15.220	1196.75	50.13N	13.64E	==>	-1.77	1247355.83	3198204.08
1300.00	9.74	15.220	1295.31	66.45N	18.08E	==>	-2.35	1247372.15	3198208.52
1400.00	9.74	15.220	1393.87	82.77N	22.52E	==>	-2.93	1247388.47	3198212.96
1500.00	9.74	15.220	1492.43	99.09N	26.97E	==>	-3.50	1247404.79	3198217.40
1600.00	9.74	15.220	1590.99	115.42N	31.41E	==>	-4.08	1247421.11	3198221.84
1700.00	9.74	15.220	1689.54	131.74N	35.85E	==>	-4.66	1247437.44	3198226.28
1800.00	9.74	15.220	1788.10	148.06N	40.29E	==>	-5.24	1247453.76	3198230.72
1900.00	9.74	15.220	1886.66	164.38N	44.73E	==>	-5.81	1247470.08	3198235.17
2000.00	9.74	15.220	1985.22	180.71N	49.17E	==>	-6.39	1247486.40	3198239.61
2100.00	9.74	15.220	2083.78	197.03N	53.61E	==>	-6.97	1247502.72	3198244.05
2200.00	9.74	15.220	2182.34	213.35N	58.06E	==>	-7.55	1247519.04	3198248.49
2300.00	9.74	15.220	2280.90	229.67N	62.50E	==>	-8.12	1247535.36	3198252.93
2400.00	9.74	15.220	2379.46	245.99N	66.94E	==>	-8.70	1247551.69	3198257.37
2500.00	9.74	15.220	2478.02	262.32N	71.38E	==>	-9.28	1247568.01	3198261.81
2600.00	9.74	15.220	2576.57	278.64N	75.82E	==>	-9.85	1247584.33	3198266.25
2700.00	9.74	15.220	2675.13	294.96N	80.26E	==>	-10.43	1247600.65	3198270.70
2800.00	9.74	15.220	2773.69	311.28N	84.70E	==>	-11.01	1247616.97	3198275.14
2900.00	9.74	15.220	2872.25	327.60N	89.15E	==>	-11.59	1247633.29	3198279.58
3000.00	9.74	15.220	2970.81	343.93N	93.59E	==>	-12.16	1247649.62	3198284.02
3100.00	9.74	15.220	3069.37	360.25N	98.03E	==>	-12.74	1247665.94	3198288.46
3200.00	9.74	15.220	3167.93	376.57N	102.47E	==>	-13.32	1247682.26	3198292.90

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Coordinates are from Slot MD's are from Rig (Planned Datum #1 5034.4ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 283.270 degrees
Bottom hole distance is 4694.69 Feet on azimuth 283.27 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 #11-32CHZ (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	9.74	15.220	3266.49	392.89N	106.91E	==>	-13.89	1247698.58	3198297.34
3400.00	9.74	15.220	3365.05	409.22N	111.35E	==>	-14.47	1247714.90	3198301.79
3500.00	9.74	15.220	3463.61	425.54N	115.79E	==>	-15.05	1247731.22	3198306.23
3600.00	9.74	15.220	3562.16	441.86N	120.24E	==>	-15.63	1247747.54	3198310.67
3700.00	9.74	15.220	3660.72	458.18N	124.68E	==>	-16.20	1247763.87	3198315.11
3800.00	9.74	15.220	3759.28	474.50N	129.12E	==>	-16.78	1247780.19	3198319.55
3900.00	9.74	15.220	3857.84	490.83N	133.56E	==>	-17.36	1247796.51	3198323.99
4000.00	9.74	15.220	3956.40	507.15N	138.00E	==>	-17.94	1247812.83	3198328.43
4100.00	9.74	15.220	4054.96	523.47N	142.44E	==>	-18.51	1247829.15	3198332.87
4200.00	9.74	15.220	4153.52	539.79N	146.88E	==>	-19.09	1247845.47	3198337.32
4300.00	9.74	15.220	4252.08	556.11N	151.33E	==>	-19.67	1247861.80	3198341.76
4400.00	9.74	15.220	4350.64	572.44N	155.77E	==>	-20.24	1247878.12	3198346.20
4500.00	9.74	15.220	4449.19	588.76N	160.21E	==>	-20.82	1247894.44	3198350.64
4600.00	9.74	15.220	4547.75	605.08N	164.65E	==>	-21.40	1247910.76	3198355.08
4700.00	9.74	15.220	4646.31	621.40N	169.09E	==>	-21.98	1247927.08	3198359.52
4800.00	9.74	15.220	4744.87	637.73N	173.53E	==>	-22.55	1247943.40	3198363.96
4900.00	9.74	15.220	4843.43	654.05N	177.98E	==>	-23.13	1247959.72	3198368.40
5000.00	9.74	15.220	4941.99	670.37N	182.42E	==>	-23.71	1247976.05	3198372.85
5100.00	9.74	15.220	5040.55	686.69N	186.86E	==>	-24.28	1247992.37	3198377.29
5200.00	9.74	15.220	5139.11	703.01N	191.30E	==>	-24.86	1248008.69	3198381.73
5300.00	9.74	15.220	5237.67	719.34N	195.74E	==>	-25.44	1248025.01	3198386.17
5400.00	9.74	15.220	5336.22	735.66N	200.18E	==>	-26.02	1248041.33	3198390.61
5500.00	9.74	15.220	5434.78	751.98N	204.62E	==>	-26.59	1248057.65	3198395.05
5600.00	9.74	15.220	5533.34	768.30N	209.07E	==>	-27.17	1248073.98	3198399.49
5700.00	9.74	15.220	5631.90	784.62N	213.51E	==>	-27.75	1248090.30	3198403.94
5800.00	9.74	15.220	5730.46	800.95N	217.95E	==>	-28.33	1248106.62	3198408.38
5900.00	9.74	15.220	5829.02	817.27N	222.39E	==>	-28.90	1248122.94	3198412.82
6000.00	9.74	15.220	5927.58	833.59N	226.83E	==>	-29.48	1248139.26	3198417.26
6100.00	9.74	15.220	6026.14	849.91N	231.27E	==>	-30.06	1248155.58	3198421.70
6200.00	9.74	15.220	6124.70	866.24N	235.71E	==>	-30.63	1248171.90	3198426.14
6300.00	9.74	15.220	6223.25	882.56N	240.16E	==>	-31.21	1248188.23	3198430.58
6400.00	9.74	15.220	6321.81	898.88N	244.60E	==>	-31.79	1248204.55	3198435.02
6500.00	9.74	15.220	6420.37	915.20N	249.04E	==>	-32.37	1248220.87	3198439.47
6600.00	9.74	15.220	6518.93	931.52N	253.48E	==>	-32.94	1248237.19	3198443.91
6700.00	9.74	15.220	6617.49	947.85N	257.92E	==>	-33.52	1248253.51	3198448.35
6800.00	9.74	15.220	6716.05	964.17N	262.36E	==>	-34.10	1248269.83	3198452.79
6900.00	9.74	15.220	6814.61	980.49N	266.80E	==>	-34.67	1248286.16	3198457.23
7000.00	9.74	15.220	6913.17	996.81N	271.25E	==>	-35.25	1248302.48	3198461.67
7100.00	9.74	15.220	7011.73	1013.13N	275.69E	==>	-35.83	1248318.80	3198466.11
7149.27	9.74	15.220	7060.28	1021.18N	277.88E	==>	-36.11	1248326.84	3198468.30
7200.00	9.69	344.820	7110.32	1029.44N	277.88E	10.00	-34.22	1248335.11	3198468.31
7300.00	15.55	305.970	7208.03	1045.48N	264.80E	10.00	-17.81	1248351.14	3198455.23
7400.00	24.24	291.060	7302.03	1060.77N	234.72E	10.00	14.97	1248366.43	3198425.15
7500.00	33.64	283.910	7389.47	1074.84N	188.57E	10.00	63.13	1248380.50	3198379.00
7600.00	43.28	279.630	7467.70	1087.26N	127.73E	10.00	125.19	1248392.92	3198318.16
7700.00	53.04	276.670	7534.33	1097.67N	54.07E	10.00	199.28	1248403.33	3198244.50
7800.00	62.85	274.390	7587.35	1105.73N	30.19W	10.00	283.13	1248411.40	3198160.25
7900.00	72.69	272.480	7625.13	1111.22N	122.47W	10.00	374.22	1248416.88	3198067.97
8000.00	82.55	270.770	7646.54	1113.96N	219.99W	10.00	469.75	1248419.62	3197970.46
8076.85	90.13	269.510	7651.44	1114.14N	296.62W	10.00	544.39	1248419.80	3197893.82
8100.00	90.13	269.510	7651.39	1113.94N	319.77W	==>	566.87	1248419.60	3197870.68
8200.00	90.13	269.510	7651.15	1113.08N	419.77W	==>	664.00	1248418.74	3197770.68
8300.00	90.13	269.510	7650.92	1112.22N	519.76W	==>	761.13	1248417.88	3197670.69
8400.00	90.13	269.510	7650.68	1111.36N	619.76W	==>	858.26	1248417.02	3197570.70
8500.00	90.13	269.510	7650.45	1110.49N	719.76W	==>	955.39	1248416.16	3197470.71
8600.00	90.13	269.510	7650.22	1109.63N	819.75W	==>	1052.52	1248415.30	3197370.71
8700.00	90.13	269.510	7649.98	1108.77N	919.75W	==>	1149.65	1248414.43	3197270.72
8800.00	90.13	269.510	7649.75	1107.91N	1019.74W	==>	1246.78	1248413.57	3197170.73
8900.00	90.13	269.510	7649.51	1107.05N	1119.74W	==>	1343.91	1248412.71	3197070.74
9000.00	90.13	269.510	7649.28	1106.19N	1219.74W	==>	1441.04	1248411.85	3196970.74
9100.00	90.13	269.510	7649.05	1105.33N	1319.73W	==>	1538.17	1248410.99	3196870.75

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Vertical Section is from 0.00N 0.00E on azimuth 283.270 degrees
Bottom hole distance is 4694.69 Feet on azimuth 283.27 degrees from Wellhead
Calculation method uses Minimum Curvature method
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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	269.510	7648.81	1104.47N	1419.73W	==>	1635.30	1248410.13	3196770.76
9300.00	90.13	269.510	7648.58	1103.61N	1519.72W	==>	1732.43	1248409.27	3196670.77
9400.00	90.13	269.510	7648.34	1102.75N	1619.72W	==>	1829.56	1248408.41	3196570.77
9500.00	90.13	269.510	7648.11	1101.89N	1719.72W	==>	1926.69	1248407.55	3196470.78
9600.00	90.13	269.510	7647.88	1101.03N	1819.71W	==>	2023.82	1248406.69	3196370.79
9700.00	90.13	269.510	7647.64	1100.17N	1919.71W	==>	2120.95	1248405.83	3196270.80
9800.00	90.13	269.510	7647.41	1099.31N	2019.70W	==>	2218.08	1248404.97	3196170.80
9900.00	90.13	269.510	7647.17	1098.45N	2119.70W	==>	2315.21	1248404.11	3196070.81
10000.00	90.13	269.510	7646.94	1097.59N	2219.70W	==>	2412.34	1248403.25	3195970.82
10100.00	90.13	269.510	7646.71	1096.73N	2319.69W	==>	2509.47	1248402.39	3195870.83
10200.00	90.13	269.510	7646.47	1095.87N	2419.69W	==>	2606.60	1248401.53	3195770.84
10300.00	90.13	269.510	7646.24	1095.01N	2519.68W	==>	2703.73	1248400.67	3195670.84
10400.00	90.13	269.510	7646.00	1094.15N	2619.68W	==>	2800.86	1248399.81	3195570.85
10500.00	90.13	269.510	7645.77	1093.29N	2719.68W	==>	2897.99	1248398.95	3195470.86
10600.00	90.13	269.510	7645.54	1092.43N	2819.67W	==>	2995.12	1248398.09	3195370.87
10700.00	90.13	269.510	7645.30	1091.56N	2919.67W	==>	3092.25	1248397.23	3195270.87
10800.00	90.13	269.510	7645.07	1090.70N	3019.66W	==>	3189.38	1248396.37	3195170.88
10900.00	90.13	269.510	7644.83	1089.84N	3119.66W	==>	3286.51	1248395.51	3195070.89
11000.00	90.13	269.510	7644.60	1088.98N	3219.66W	==>	3383.64	1248394.64	3194970.90
11100.00	90.13	269.510	7644.36	1088.12N	3319.65W	==>	3480.77	1248393.78	3194870.90
11200.00	90.13	269.510	7644.13	1087.26N	3419.65W	==>	3577.90	1248392.92	3194770.91
11300.00	90.13	269.510	7643.90	1086.40N	3519.64W	==>	3675.03	1248392.06	3194670.92
11400.00	90.13	269.510	7643.66	1085.54N	3619.64W	==>	3772.16	1248391.20	3194570.93
11500.00	90.13	269.510	7643.43	1084.68N	3719.64W	==>	3869.29	1248390.34	3194470.93
11600.00	90.13	269.510	7643.19	1083.82N	3819.63W	==>	3966.42	1248389.48	3194370.94
11700.00	90.13	269.510	7642.96	1082.96N	3919.63W	==>	4063.55	1248388.62	3194270.95
11800.00	90.13	269.510	7642.73	1082.10N	4019.63W	==>	4160.68	1248387.76	3194170.96
11900.00	90.13	269.510	7642.49	1081.24N	4119.62W	==>	4257.81	1248386.90	3194070.96
12000.00	90.13	269.510	7642.26	1080.38N	4219.62W	==>	4354.94	1248386.04	3193970.97
12100.00	90.13	269.510	7642.02	1079.52N	4319.61W	==>	4452.07	1248385.18	3193870.98
12200.00	90.13	269.510	7641.79	1078.66N	4419.61W	==>	4549.20	1248384.32	3193770.99
12300.00	90.13	269.510	7641.56	1077.80N	4519.61W	==>	4646.33	1248383.46	3193671.00
12349.79	90.13	269.510	7641.44	1077.37N	4569.40W	==>	4694.69	1248383.03	3193621.21

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SYSDRILL
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Wellbore: SRC PHELPS #11-32CHZ (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	1147.47	41.97N	11.42E
8 5/8	1150.00	1147.47	41.97N	11.42E	7970.00	7641.89	1113.43N	190.36W
6 1/8	7970.00	7641.89	1113.43N	190.36W	12349.79	7641.44	1077.37N	4569.40W

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	1147.47	41.97N	11.42E
7.0in Intermediate Casing	16.00	16.00	0.00N	0.00E	7970.00	7641.89	1113.43N	190.36W
4 1/2in Production Liner	7150.00	7061.01	1021.30N	277.91E	12349.79	7641.44	1077.37N	4569.40W

Targets								
Name	North[ft]	East[ft]	TVD[ft]	Latitude	Longitude	Northing	Easting	Last Revised
NR T3-1	1077.37N	4569.40W	7641.44	N40 0 47.2541	W104 48 31.4451	1248383.03	3193621.21	14-May-2013
NR2 T-3	1114.07N	189.62W	7641.44	N40 0 47.2755	W104 47 35.1539	1248419.73	3198000.82	14-May-2013

Survey Tool Program						
Reference	Survey Name	MD[ft]	TVD[ft]	Survey Tool	Error Model	
24409	Planned	12349.79	7641.44	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 5034.4ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 283.270 degrees
Bottom hole distance is 4694.69 Feet on azimuth 283.27 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 #11-32CHZ (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 #11-32CHZ (PWB)	22-Apr-2013	15-May-2013

Well		
Name	Government ID	Last Revised
SRC PHELPS #11-32CHZ		14-May-2013

Slot						
Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Slot #5	1247305.7010	3198190.4360	N40 0 36.2514	W104 47 32.8311	9.93N	43.89E

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 #11-32NHZ	SRC PHELPS #11-32NHZ (PWB)	Slot #3	SRC PHELPS	20.28	869.02	12349.79	17.89	901.83	4.16	12349.79
SRC PHELPS #A-32NHZ	SRC PHELPS #A-32NHZ (PWB)	Slot #7	SRC PHELPS	20.72	883.56	12349.79	18.35	885.42	6.81	12349.79
SRC PHELPLS #13-32NHZ	SRC PHELPLS #13-32NHZ (PWB)	Slot #6	SRC PHELPS	22.51	650.00	650.00	20.53	650.00	11.23	672.17
SRC PHELPS #K-32CHZ	SRC PHELPS #K-32CHZ (PWB)	Slot #8	SRC PHELPS	28.13	655.76	655.76	26.13	655.76	13.45	754.19
SRC PHELPS #13-32CHZ	SRC PHELPS #13-32CHZ (PWB)	Slot #4	SRC PHELPS	35.15	540.93	540.93	33.34	557.34	18.26	655.76
SRC PHELPS #J-32CHZ	SRC PHELPS #J-32CHZ (PWB)	Slot #1	SRC PHELPS	41.27	787.70	787.70	39.02	803.40	7.07	12349.79
SRC PHELPS #A-32CHZ	SRC PHELPS #A-32CHZ (PWB)	Slot #9	SRC PHELPS	48.23	984.34	8080.60	45.68	1000.25	7.93	12349.79
SRC PHELPS #K-32NHZ	SRC PHELPS #K-32NHZ (PWB)	Slot #10	SRC PHELPS	52.71	787.00	787.00	50.48	819.81	22.05	12349.79
SRC PHELPS #B-32CHZ	SRC PHELPS #B-32CHZ (PWB)	Slot #2	SRC PHELPS	54.57	442.51	442.51	52.91	458.91	29.13	672.17

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Prepared by Peterson Energy
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SYSDRILL
Closest Approach + Clearance Factor Summary Report
Wellbore: SRC PHELPS #11-32CHZ (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 #12-32NHZ	SRC PHELPS #12-32NHZ (PWB)	Slot #11	SRC PHELPS	71.00	951.51	8083.65	68.52	951.51	13.92	12349.79
SRC PHELPS #12-32CHZ	SRC PHELPS #12-32CHZ (PWB)	Slot #12	SRC PHELPS	72.92	875.21	875.21	70.57	875.21	15.81	12349.79
EMMA DELVENT HAL GAS UNIT #1	EMMA DELVENTHAL GAS UNIT #1 (AWB)	EMMA DELVENT HAL GAS UNIT #1	SRC PHELPS OFFSETS	828.46	655.76	8616.00	819.74	704.98	33.33	8644.61