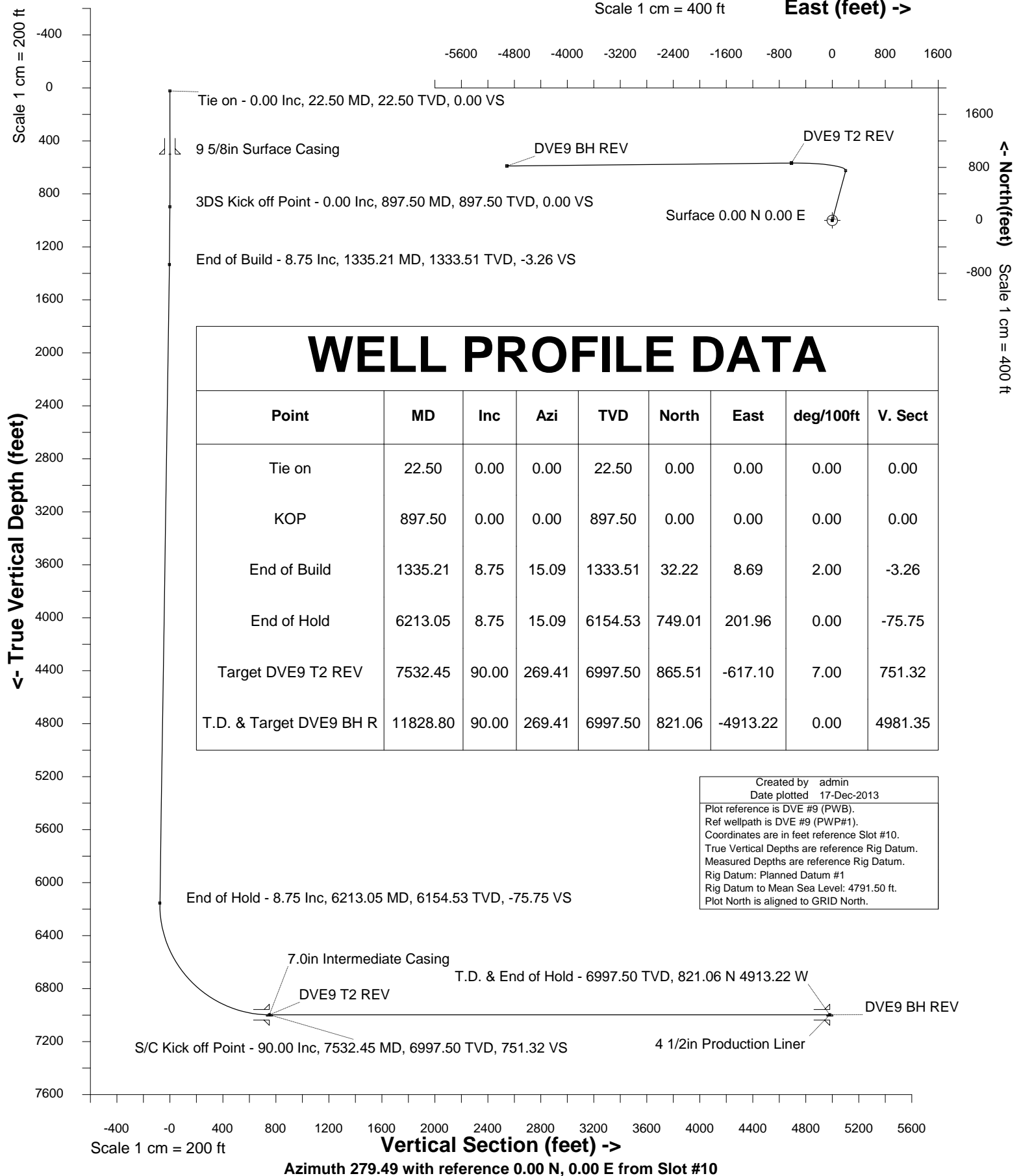


TEKTON WINDSOR, LLC			
Location	Windsor, CO, USA(Imported)	Slot	Slot #10
Field	Windsor Project	Well	DVE #9
Installation	Diamond Valley East- REV 01	Wellbore	DVE #9 (PWB)

Slot	Slot #10
------	----------

Well DVE #9

Wellbore DVE #9 (PWB)





INTEGRATED PETROLEUM TECHNOLOGIES, INC
SYSDRILL
Well Design Combined Report
Wellbore: DVE #9 (PWB)

Wellhead Details							
Name	Northing	Easting	Latitude	Longitude	North	East	Elevation Above Inst.
Slot #10	1413881.0017	3175339.0042	40.46779462	-104.86980440	144.01N	0.00E	-0.00

Declination			
Date	Source	Time	
16-Dec-2013	IGRF Model [1900.0-2015.0]		15:36

Site Details				
Name	Northing	Easting	Coord System Name	North Alignment
Diamond Valley East- REV 01	1413737.0001	3175339.0009	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
22.50	0.00	0.000	22.50	0.00N	0.00E		0.00	1413881.00	3175339.00
897.50	0.00	0.000	897.50	0.00N	0.00E	==>	0.00	1413881.00	3175339.00
1335.21	8.75	15.090	1333.51	32.22N	8.69E	2.00	-3.26	1413913.22	3175347.69
6213.05	8.75	15.090	6154.53	749.01N	201.96E	==>	-75.75	1414629.98	3175540.96
7532.45	90.00	269.410	6997.50	865.51N	617.10W	7.00	751.32	1414746.48	3174721.92
11828.80	90.00	269.410	6997.50	821.06N	4913.22W	==>	4981.35	1414702.03	3170425.97

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	1413881.00	3175339.00
22.50	0.00	0.000	22.50	0.00N	0.00E	==>	0.00	1413881.00	3175339.00
100.00	0.00	0.000	100.00	0.00N	0.00E	==>	0.00	1413881.00	3175339.00
200.00	0.00	0.000	200.00	0.00N	0.00E	==>	0.00	1413881.00	3175339.00
300.00	0.00	0.000	300.00	0.00N	0.00E	==>	0.00	1413881.00	3175339.00
400.00	0.00	0.000	400.00	0.00N	0.00E	==>	0.00	1413881.00	3175339.00
500.00	0.00	0.000	500.00	0.00N	0.00E	==>	0.00	1413881.00	3175339.00
600.00	0.00	0.000	600.00	0.00N	0.00E	==>	0.00	1413881.00	3175339.00
700.00	0.00	0.000	700.00	0.00N	0.00E	==>	0.00	1413881.00	3175339.00
800.00	0.00	0.000	800.00	0.00N	0.00E	==>	0.00	1413881.00	3175339.00
875.00	0.00	0.000	875.00	0.00N	0.00E	==>	0.00	1413881.00	3175339.00
897.50	0.00	0.000	897.50	0.00N	0.00E	==>	0.00	1413881.00	3175339.00
975.00	1.55	15.090	974.99	1.01N	0.27E	2.00	-0.10	1413882.01	3175339.28
1075.00	3.55	15.090	1074.89	5.31N	1.43E	2.00	-0.54	1413886.31	3175340.44
1175.00	5.55	15.090	1174.57	12.97N	3.50E	2.00	-1.31	1413893.97	3175342.50
1275.00	7.55	15.090	1273.91	23.98N	6.47E	2.00	-2.43	1413904.98	3175345.47
1335.21	8.75	15.090	1333.51	32.22N	8.69E	2.00	-3.26	1413913.22	3175347.69
1400.00	8.75	15.090	1397.54	41.74N	11.26E	==>	-4.22	1413922.74	3175350.26
1500.00	8.75	15.090	1496.38	56.44N	15.22E	==>	-5.71	1413937.44	3175354.22
1600.00	8.75	15.090	1595.21	71.13N	19.18E	==>	-7.19	1413952.13	3175358.18
1700.00	8.75	15.090	1694.05	85.83N	23.14E	==>	-8.68	1413966.83	3175362.15
1800.00	8.75	15.090	1792.88	100.52N	27.11E	==>	-10.17	1413981.52	3175366.11
1900.00	8.75	15.090	1891.72	115.22N	31.07E	==>	-11.65	1413996.21	3175370.07
2000.00	8.75	15.090	1990.55	129.91N	35.03E	==>	-13.14	1414010.91	3175374.03
2100.00	8.75	15.090	2089.39	144.61N	38.99E	==>	-14.62	1414025.60	3175377.99
2200.00	8.75	15.090	2188.22	159.30N	42.95E	==>	-16.11	1414040.30	3175381.96
2300.00	8.75	15.090	2287.06	174.00N	46.92E	==>	-17.60	1414054.99	3175385.92
2400.00	8.75	15.090	2385.89	188.69N	50.88E	==>	-19.08	1414069.68	3175389.88
2500.00	8.75	15.090	2484.73	203.39N	54.84E	==>	-20.57	1414084.38	3175393.84
2600.00	8.75	15.090	2583.56	218.08N	58.80E	==>	-22.05	1414099.07	3175397.81
2700.00	8.75	15.090	2682.40	232.77N	62.77E	==>	-23.54	1414113.77	3175401.77
2800.00	8.75	15.090	2781.23	247.47N	66.73E	==>	-25.03	1414128.46	3175405.73
2900.00	8.75	15.090	2880.07	262.16N	70.69E	==>	-26.51	1414143.16	3175409.69
3000.00	8.75	15.090	2978.90	276.86N	74.65E	==>	-28.00	1414157.85	3175413.65
3100.00	8.75	15.090	3077.74	291.55N	78.62E	==>	-29.48	1414172.54	3175417.62
3200.00	8.75	15.090	3176.57	306.25N	82.58E	==>	-30.97	1414187.24	3175421.58
3300.00	8.75	15.090	3275.41	320.94N	86.54E	==>	-32.46	1414201.93	3175425.54
3400.00	8.75	15.090	3374.25	335.64N	90.50E	==>	-33.94	1414216.63	3175429.50

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 4791.5ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 279.490 degrees
Bottom hole distance is 4981.35 Feet on azimuth 279.49 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Integrated Petroleum Technologies, Inc.
Date Printed: 17-Dec-2013



INTEGRATED PETROLEUM TECHNOLOGIES, INC
SYSDRILL
Well Design Combined Report
Wellbore: DVE #9 (PWB)

Interpolated Wellpath									
MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Northing	Easting
3500.00	8.75	15.090	3473.08	350.33N	94.46E	==>	-35.43	1414231.32	3175433.47
3600.00	8.75	15.090	3571.92	365.03N	98.43E	==>	-36.91	1414246.01	3175437.43
3700.00	8.75	15.090	3670.75	379.72N	102.39E	==>	-38.40	1414260.71	3175441.39
3800.00	8.75	15.090	3769.59	394.42N	106.35E	==>	-39.89	1414275.40	3175445.35
3900.00	8.75	15.090	3868.42	409.11N	110.31E	==>	-41.37	1414290.10	3175449.31
4000.00	8.75	15.090	3967.26	423.81N	114.28E	==>	-42.86	1414304.79	3175453.28
4100.00	8.75	15.090	4066.09	438.50N	118.24E	==>	-44.35	1414319.49	3175457.24
4200.00	8.75	15.090	4164.93	453.19N	122.20E	==>	-45.83	1414334.18	3175461.20
4300.00	8.75	15.090	4263.76	467.89N	126.16E	==>	-47.32	1414348.87	3175465.16
4400.00	8.75	15.090	4362.60	482.58N	130.13E	==>	-48.80	1414363.57	3175469.13
4500.00	8.75	15.090	4461.43	497.28N	134.09E	==>	-50.29	1414378.26	3175473.09
4600.00	8.75	15.090	4560.27	511.97N	138.05E	==>	-51.78	1414392.96	3175477.05
4700.00	8.75	15.090	4659.10	526.67N	142.01E	==>	-53.26	1414407.65	3175481.01
4800.00	8.75	15.090	4757.94	541.36N	145.98E	==>	-54.75	1414422.34	3175484.97
4900.00	8.75	15.090	4856.77	556.06N	149.94E	==>	-56.23	1414437.04	3175488.94
5000.00	8.75	15.090	4955.61	570.75N	153.90E	==>	-57.72	1414451.73	3175492.90
5100.00	8.75	15.090	5054.44	585.45N	157.86E	==>	-59.21	1414466.43	3175496.86
5200.00	8.75	15.090	5153.28	600.14N	161.82E	==>	-60.69	1414481.12	3175500.82
5300.00	8.75	15.090	5252.11	614.84N	165.79E	==>	-62.18	1414495.81	3175504.78
5400.00	8.75	15.090	5350.95	629.53N	169.75E	==>	-63.66	1414510.51	3175508.75
5500.00	8.75	15.090	5449.78	644.23N	173.71E	==>	-65.15	1414525.20	3175512.71
5600.00	8.75	15.090	5548.62	658.92N	177.67E	==>	-66.64	1414539.90	3175516.67
5700.00	8.75	15.090	5647.45	673.62N	181.64E	==>	-68.12	1414554.59	3175520.63
5800.00	8.75	15.090	5746.29	688.31N	185.60E	==>	-69.61	1414569.29	3175524.60
5900.00	8.75	15.090	5845.12	703.00N	189.56E	==>	-71.09	1414583.98	3175528.56
6000.00	8.75	15.090	5943.96	717.70N	193.52E	==>	-72.58	1414598.67	3175532.52
6100.00	8.75	15.090	6042.79	732.39N	197.49E	==>	-74.07	1414613.37	3175536.48
6200.00	8.75	15.090	6141.63	747.09N	201.45E	==>	-75.55	1414628.06	3175540.44
6213.05	8.75	15.090	6154.53	749.01N	201.96E	==>	-75.75	1414629.98	3175540.96
6300.00	9.21	335.450	6240.49	761.74N	200.79E	7.00	-72.49	1414642.71	3175539.79
6400.00	13.62	307.150	6338.56	776.15N	188.07E	7.00	-57.57	1414657.12	3175527.07
6500.00	19.57	294.050	6434.38	790.10N	163.36E	7.00	-30.90	1414671.07	3175502.36
6600.00	26.04	287.070	6526.53	803.39N	127.03E	7.00	7.12	1414684.36	3175466.03
6700.00	32.72	282.750	6613.63	815.81N	79.63E	7.00	55.92	1414696.78	3175418.64
6800.00	39.49	279.770	6694.39	827.18N	21.87E	7.00	114.77	1414708.15	3175360.87
6900.00	46.33	277.540	6767.59	837.34N	45.41W	7.00	182.80	1414718.31	3175293.60
7000.00	53.20	275.780	6832.15	846.13N	121.19W	7.00	259.00	1414727.10	3175217.82
7100.00	60.09	274.300	6887.10	853.42N	204.34W	7.00	342.21	1414734.39	3175134.67
7200.00	66.99	273.020	6931.63	859.09N	293.63W	7.00	431.22	1414740.06	3175045.38
7300.00	73.91	271.860	6965.07	863.08N	387.73W	7.00	524.68	1414744.05	3174951.29
7400.00	80.83	270.780	6986.92	865.31N	485.22W	7.00	621.21	1414746.28	3174853.80
7500.00	87.75	269.740	6996.86	865.75N	584.66W	7.00	719.36	1414746.72	3174754.37
7532.45	90.00	269.410	6997.50	865.51N	617.10W	7.00	751.32	1414746.48	3174721.92
7600.00	90.00	269.410	6997.50	864.81N	684.65W	==>	817.83	1414745.78	3174654.38
7700.00	90.00	269.410	6997.50	863.78N	784.64W	==>	916.28	1414744.75	3174554.39
7800.00	90.00	269.410	6997.50	862.74N	884.64W	==>	1014.74	1414743.71	3174454.40
7900.00	90.00	269.410	6997.50	861.71N	984.63W	==>	1113.20	1414742.68	3174354.41
8000.00	90.00	269.410	6997.50	860.68N	1084.63W	==>	1211.65	1414741.64	3174254.42
8100.00	90.00	269.410	6997.50	859.64N	1184.62W	==>	1310.11	1414740.61	3174154.43
8200.00	90.00	269.410	6997.50	858.61N	1284.61W	==>	1408.57	1414739.57	3174054.44
8300.00	90.00	269.410	6997.50	857.57N	1384.61W	==>	1507.02	1414738.54	3173954.45
8400.00	90.00	269.410	6997.50	856.54N	1484.60W	==>	1605.48	1414737.51	3173854.46
8500.00	90.00	269.410	6997.50	855.50N	1584.60W	==>	1703.93	1414736.47	3173754.47
8600.00	90.00	269.410	6997.50	854.47N	1684.59W	==>	1802.39	1414735.44	3173654.47
8700.00	90.00	269.410	6997.50	853.43N	1784.59W	==>	1900.85	1414734.40	3173554.48
8800.00	90.00	269.410	6997.50	852.40N	1884.58W	==>	1999.30	1414733.37	3173454.49
8900.00	90.00	269.410	6997.50	851.36N	1984.58W	==>	2097.76	1414732.33	3173354.50
9000.00	90.00	269.410	6997.50	850.33N	2084.57W	==>	2196.22	1414731.30	3173254.51
9100.00	90.00	269.410	6997.50	849.29N	2184.57W	==>	2294.67	1414730.26	3173154.52
9200.00	90.00	269.410	6997.50	848.26N	2284.56W	==>	2393.13	1414729.23	3173054.53
9300.00	90.00	269.410	6997.50	847.22N	2384.56W	==>	2491.59	1414728.19	3172954.54

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Vertical Section is from 0.00N 0.00E on azimuth 279.490 degrees
Bottom hole distance is 4981.35 Feet on azimuth 279.49 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Integrated Petroleum Technologies, Inc.
Date Printed: 17-Dec-2013



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SYSDRILL
Well Design Combined Report
Wellbore: DVE #9 (PWB)

Interpolated Wellpath									
MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Northing	Easting
9400.00	90.00	269.410	6997.50	846.19N	2484.55W	==>	2590.04	1414727.16	3172854.55
9500.00	90.00	269.410	6997.50	845.15N	2584.55W	==>	2688.50	1414726.12	3172754.56
9600.00	90.00	269.410	6997.50	844.12N	2684.54W	==>	2786.96	1414725.09	3172654.57
9700.00	90.00	269.410	6997.50	843.08N	2784.53W	==>	2885.41	1414724.05	3172554.58
9800.00	90.00	269.410	6997.50	842.05N	2884.53W	==>	2983.87	1414723.02	3172454.58
9900.00	90.00	269.410	6997.50	841.01N	2984.52W	==>	3082.32	1414721.98	3172354.59
10000.00	90.00	269.410	6997.50	839.98N	3084.52W	==>	3180.78	1414720.95	3172254.60
10100.00	90.00	269.410	6997.50	838.95N	3184.51W	==>	3279.24	1414719.92	3172154.61
10200.00	90.00	269.410	6997.50	837.91N	3284.51W	==>	3377.69	1414718.88	3172054.62
10300.00	90.00	269.410	6997.50	836.88N	3384.50W	==>	3476.15	1414717.85	3171954.63
10400.00	90.00	269.410	6997.50	835.84N	3484.50W	==>	3574.61	1414716.81	3171854.64
10500.00	90.00	269.410	6997.50	834.81N	3584.49W	==>	3673.06	1414715.78	3171754.65
10600.00	90.00	269.410	6997.50	833.77N	3684.49W	==>	3771.52	1414714.74	3171654.66
10700.00	90.00	269.410	6997.50	832.74N	3784.48W	==>	3869.98	1414713.71	3171554.67
10800.00	90.00	269.410	6997.50	831.70N	3884.48W	==>	3968.43	1414712.67	3171454.68
10900.00	90.00	269.410	6997.50	830.67N	3984.47W	==>	4066.89	1414711.64	3171354.69
11000.00	90.00	269.410	6997.50	829.63N	4084.46W	==>	4165.35	1414710.60	3171254.69
11100.00	90.00	269.410	6997.50	828.60N	4184.46W	==>	4263.80	1414709.57	3171154.70
11200.00	90.00	269.410	6997.50	827.56N	4284.45W	==>	4362.26	1414708.53	3171054.71
11300.00	90.00	269.410	6997.50	826.53N	4384.45W	==>	4460.71	1414707.50	3170954.72
11400.00	90.00	269.410	6997.50	825.49N	4484.44W	==>	4559.17	1414706.46	3170854.73
11500.00	90.00	269.410	6997.50	824.46N	4584.44W	==>	4657.63	1414705.43	3170754.74
11600.00	90.00	269.410	6997.50	823.42N	4684.43W	==>	4756.08	1414704.39	3170654.75
11700.00	90.00	269.410	6997.50	822.39N	4784.43W	==>	4854.54	1414703.36	3170554.76
11800.00	90.00	269.410	6997.50	821.35N	4884.42W	==>	4953.00	1414702.32	3170454.77
11828.80	90.00	269.410	6997.50	821.06N	4913.22W	==>	4981.35	1414702.03	3170425.97

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Bottom hole distance is 4981.35 Feet on azimuth 279.49 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by Integrated Petroleum Technologies, Inc.
Date Printed: 17-Dec-2013



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SYSDRILL
Well Design Combined Report
Wellbore: DVE #9 (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]
12 1/4	22.50	22.50	0.00N	0.00E	500.00	500.00	0.00N	0.00E
8 3/4	500.00	500.00	0.00N	0.00E	7532.00	6997.50	865.52N	616.65W
6 1/8	7532.00	6997.50	865.52N	616.65W	11828.80	6997.50	821.06N	4913.22W

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	22.50	22.50	0.00N	0.00E	500.00	500.00	0.00N	0.00E
7.0in Intermediate Casing	22.50	22.50	0.00N	0.00E	7532.00	6997.50	865.52N	616.65W
4 1/2in Production Liner	6213.00	6154.47	749.00N	201.96E	11828.80	6997.50	821.06N	4913.22W

Targets								
Name	North[ft]	East[ft]	TVD[ft]	Latitude	Longitude	Northing	Easting	Last Revised
DVE9 T2 REV	865.51N	617.10W	6997.50	40.47018230	-104.87200017	1414746.48	3174721.92	16-Dec-2013
DVE9 BH REV	821.06N	4913.22W	6997.50	40.47014276	-104.88744164	1414702.03	3170425.97	16-Dec-2013

Survey Tool Program						
Reference	Survey Name	MD[ft]	TVD[ft]	Survey Tool	Error Model	
143712	Planned	11828.80	6997.50	WdW Rate Gyro	Standard	

Notes

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Coordinates are from Slot MD's are from Rig and TVD's are from Rig (Planned Datum #1 4791.5ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 279.490 degrees
Bottom hole distance is 4981.35 Feet on azimuth 279.49 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: DVE #9 (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
Proximities beyond 2500.00ft with expansion rate of 0.00ft/1000ft are not reported
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
DVE #9 (PWB)	16-Dec-2013	17-Dec-2013

Well		
Name	Government ID	Last Revised
DVE #9		16-Dec-2013

Slot						
Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Slot #10	1413881.0017	3175339.0042	40.46779462	-104.86980440	144.01N	0.00E

Installation				
Name	Easting	Northing	Coord System Name	North Alignment
Diamond Valley East- REV 01	3175339.0009	1413737.0001	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]
DVE #10	DVE #10 (PWB)	Slot #11	Diamond Valley East- REV 01	16.00	872.50	872.50	13.97	872.50	3.46	11828.80
DVE #8	DVE #8 (PWB)	Slot #9	Diamond Valley East- REV 01	16.00	897.50	7535.06	13.94	908.33	3.71	11828.80
DVE #12	DVE #12 (PWB)	Slot #12	Diamond Valley East- REV 01	32.00	847.50	847.50	30.01	847.50	7.41	11828.80
DVE #11	DVE #11 (PWB)	Slot #8	Diamond Valley East- REV 01	32.00	897.50	6932.05	29.94	908.33	3.71	11828.80
DVE #13	DVE #13 (PWB)	Slot #13	Diamond Valley East- REV 01	48.00	822.50	11823.53	46.06	822.50	9.55	11828.80
DVE #7	DVE #7 (PWB)	Slot #7	Diamond Valley East- REV 01	48.00	897.50	897.50	45.94	908.33	6.10	11828.80
DVE #6	DVE #6 (PWB)	Slot #6	Diamond Valley East- REV 01	64.00	897.50	7601.24	61.94	908.33	7.43	11828.80
DIAMOND VALLEY SW #7	DIAMOND VALLEY SW #7 REV	Slot #7	Diamond Valley SW	74.68	11828.80	11828.80	48.64	11828.80	2.87	11828.80
DVE #5	DVE #5 (PWB)	Slot #5	Diamond Valley East- REV 01	80.01	822.50	822.50	78.06	842.71	11.15	11828.80
DVE #4	DVE #4	Slot #4	Diamond	96.00	822.50	822.50	94.06	822.50	13.23	11828.80

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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]
	(PWB)		Valley East-REV 01							
DVE #3	DVE #3 (PWB)	Slot #3	Diamond Valley East-REV 01	112.00	897.50	897.50	109.94	908.33	14.86	11828.80
DVE #2	DVE #2 (PWB)	Slot #2	Diamond Valley East-REV 01	128.01	822.50	822.50	126.06	822.50	18.57	11828.80
DIAMOND VALLEY SW #8	DIAMOND VALLEY SW #8 REV	Slot #8	Diamond Valley SW	128.39	11641.69	11641.69	70.59	11669.48	2.19	11669.48
DVE #1	DVE #1 (PWB)	Slot #1	Diamond Valley East-REV 01	144.01	822.50	822.50	142.06	822.50	20.57	11828.80
Diamond Valley 22-33	Diamond Valley 22-33 (AWB)	Diamond Valley 22-33	Great Western Diamond Valley	163.39	9027.03	9027.03	109.36	9061.21	2.70	9110.43
Diamond Valley 22-43	Diamond Valley 22-43 (AWB)	Diamond Valley 22-43	Great Western Diamond Valley	164.79	7722.50	7722.50	129.96	7699.67	4.01	7622.50
DIAMOND VALLEY SW #9	DIAMOND VALLEY SW #9 REV	Slot #9	Diamond Valley SW	322.47	11828.80	11828.80	262.98	11828.80	5.42	11828.80
DIAMOND VALLEY SW #6	DIAMOND VALLEY SW #6 REV	Slot #6	Diamond Valley SW	365.56	11828.80	11828.80	303.94	11828.80	5.93	11828.80
Diamond Valley 22-23-18	Diamond Valley 22-23-18 (AWB)	Diamond Valley 22-23-18	Great Western Diamond Valley	495.25	9684.57	9684.57	427.00	9651.77	6.82	9536.94
Diamond Valley 22-54	Diamond Valley 22-54 (AWB)	Diamond Valley 22-54	Great Western Diamond Valley	495.95	8507.58	8507.58	462.86	8487.07	13.12	8273.81
DIAMOND VALLEY SW #5	DIAMOND VALLEY SW #5 REV	Slot #5	Diamond Valley SW	510.81	11736.99	11736.99	451.79	11751.50	8.62	11822.50
DIAMOND VALLEY SW #4	DIAMOND VALLEY SW #4 REV	Slot #4	Diamond Valley SW	670.51	11828.80	11828.80	609.27	11828.80	10.95	11828.80
DIAMOND VALLEY SW 10	DIAMOND VALLEY SW 10 #3-4-22-270-6-NH (PWB)	Slot #10	Diamond Valley SW	809.10	9745.37	9745.37	775.87	9766.59	13.99	11828.80
Diamond Valley 22-22-13	Diamond Valley 22-22-13 (AWB)	Diamond Valley 22-22-13	Great Western Diamond Valley	823.54	9674.51	9674.51	749.49	9750.19	9.15	10078.27
Diamond Valley 22-32-12	Diamond Valley 22-32-12 (AWB)	Diamond Valley 22-32-12	Great Western Diamond Valley	824.01	8372.24	8372.24	783.63	8405.05	14.61	8962.79
DIAMOND VALLEY SW #3	DIAMOND VALLEY SW #3 REV	Slot #3	Diamond Valley SW	996.43	11828.80	11828.80	935.39	11828.80	16.33	11828.80

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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]
Diamond Valley 22-44	Diamond Valley 22-44 (AWB)	Diamond Valley 22-44	Great Western Diamond Valley	1152.50	7732.66	7732.66	1127.82	7748.88	40.84	8208.20
DIAMOND VALLEY SW #2	DIAMOND VALLEY SW #2 REV	Slot #2	Diamond Valley SW	1156.27	11673.58	11673.58	1098.00	11718.69	19.28	11828.80
Altergott #1	Altergott #1 (AWB)	Altergott #1	DVE Offset	1185.96	9079.44	9079.44	1159.21	9079.44	44.17	9159.64
Diamond Valley 22-34	Diamond Valley 22-34 (AWB)	Diamond Valley 22-34	Great Western Diamond Valley	1256.79	9035.65	9035.65	1214.73	9022.50	29.10	8798.75
DIAMOND VALLEY SW #1	DIAMOND VALLEY SW #1 REV	Slot #1	Diamond Valley SW	1322.04	11828.80	11828.80	1261.31	11828.80	21.77	11828.80
Great Western 27-41-1	Great Western 27-41-1 (AWB)	Great Western 27-41-1	Great Western Diamond Valley	1556.87	2778.41	2778.41	1543.49	3024.47	52.62	7355.18
Great Western 27-41-10	Great Western 27-41-10 (AWB)	Great Western 27-41-10	Great Western Diamond Valley	1708.61	695.07	695.07	1707.40	760.69	573.02	4435.23
Kodak #1	Kodak #1	Slot #1	Kodak	1758.02	11828.80	11828.80	1699.71	11828.80	30.15	11828.80
Great Western 27-31-2	Great Western 27-31-2 (AWB)	Great Western 27-31-2	Great Western Diamond Valley	1796.66	973.94	8413.31	1793.28	990.35	86.56	8667.51
Great Western 27-21-3	Great Western 27-21-3 (AWB)	Great Western 27-21-3	Great Western Diamond Valley	1828.54	9694.39	9694.39	1764.90	9694.39	28.73	9700.98
Great Western 27-31-8	Great Western 27-31-8 (AWB)	Great Western 27-31-8	Great Western Diamond Valley	1865.10	224.50	224.50	1864.03	224.50	847.32	2630.77
Kodak #2	Kodak #2	Slot #2	Kodak	1903.61	11828.80	11828.80	1845.86	11828.80	32.96	11828.80
Kodak #3	Kodak #3	Slot #3	Kodak	2069.25	11828.80	11828.80	2011.75	11828.80	35.99	11828.80
Kodak #4	Kodak #4	Slot #4	Kodak	2382.77	11828.80	11828.80	2326.00	11828.80	41.97	11828.80
W Great Western #27-21	W Great Western #27-21 (AWB)	Great Western #27-21	Great Western 66N67W	2446.33	10367.74	10367.74	2414.40	10389.95	73.23	10898.48
W Great Western #27-11	W Great Western #27-11 (AWB)	Great Western #27-11	Great Western 66N67W	2474.03	11692.28	11692.28	2430.54	11702.29	56.09	11828.80
Kodak #5	Kodak #5	Slot #5	Kodak	2530.67	11828.80	11828.80	2474.55	11828.80	45.10	11828.80