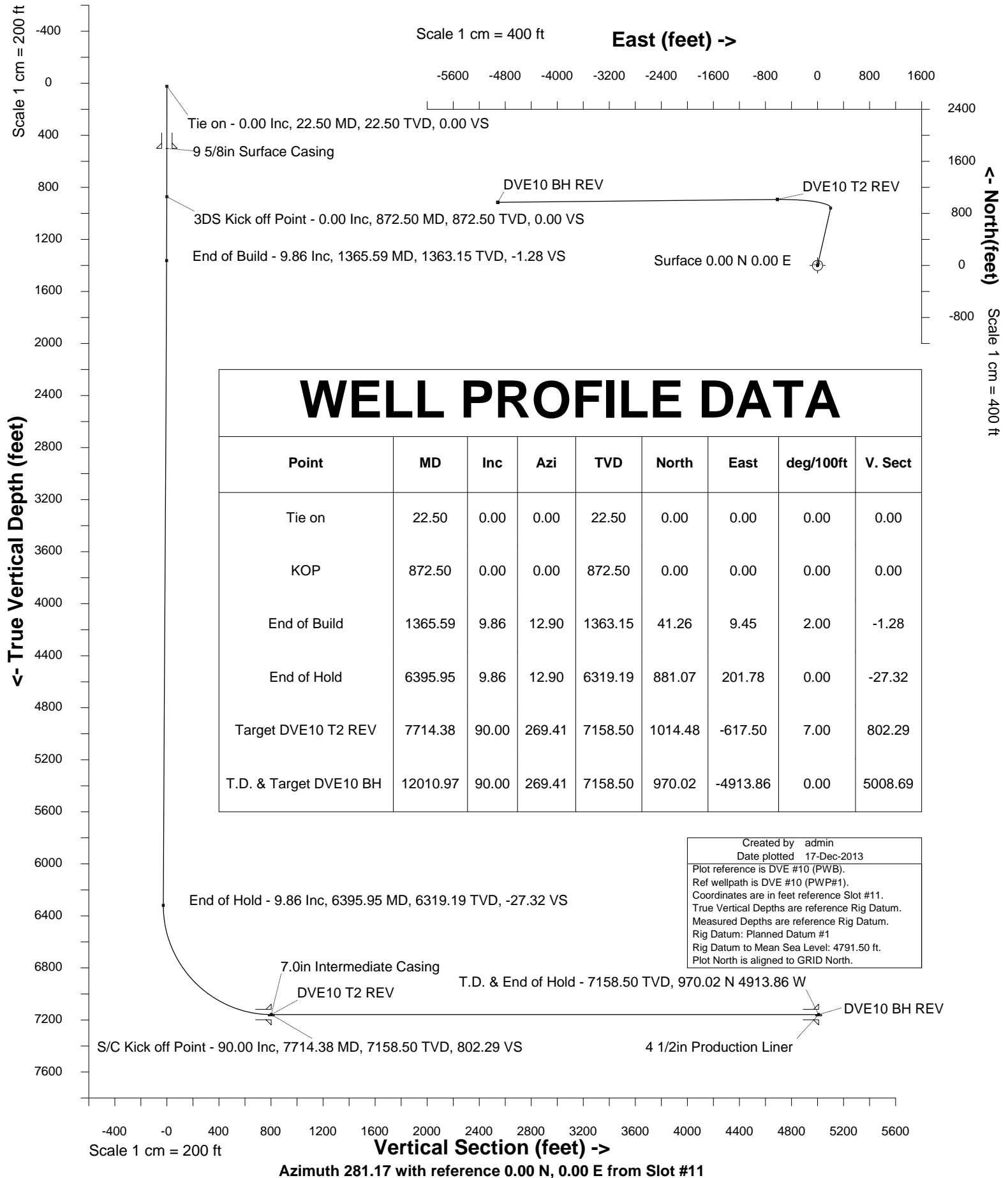


TEKTON WINDSOR, LLC			
Location	Windsor, CO, USA(Imported)	Slot	Slot #11
Field	Windsor Project	Well	DVE #10
Installation	Diamond Valley East- REV 01	Wellbore	DVE #10 (PWB)

Slot	Slot #11
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100	100

Well DVE #10

Wellbore DVE #10 (PWB)





INTEGRATED PETROLEUM TECHNOLOGIES, INC
SYSDRILL
Well Design Combined Report
Wellbore: DVE #10 (PWB)

Wellhead Details							
Name	Northing	Easting	Latitude	Longitude	North	East	Elevation Above Inst.
Slot #11	1413896.9986	3175339.0018	40.46783853	-104.86980400	160.00N	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	1413897.00	3175339.00
872.50	0.00	0.000	872.50	0.00N	0.00E	==>	0.00	1413897.00	3175339.00
1365.59	9.86	12.900	1363.15	41.26N	9.45E	2.00	-1.28	1413938.26	3175348.45
6395.95	9.86	12.900	6319.19	881.07N	201.78E	==>	-27.32	1414778.04	3175540.77
7714.38	90.00	269.410	7158.50	1014.48N	617.50W	7.00	802.29	1414911.44	3174721.52
12010.97	90.00	269.410	7158.50	970.02N	4913.86W	==>	5008.69	1414866.99	3170425.33

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	1413897.00	3175339.00
22.50	0.00	0.000	22.50	0.00N	0.00E	==>	0.00	1413897.00	3175339.00
100.00	0.00	0.000	100.00	0.00N	0.00E	==>	0.00	1413897.00	3175339.00
200.00	0.00	0.000	200.00	0.00N	0.00E	==>	0.00	1413897.00	3175339.00
300.00	0.00	0.000	300.00	0.00N	0.00E	==>	0.00	1413897.00	3175339.00
400.00	0.00	0.000	400.00	0.00N	0.00E	==>	0.00	1413897.00	3175339.00
500.00	0.00	0.000	500.00	0.00N	0.00E	==>	0.00	1413897.00	3175339.00
600.00	0.00	0.000	600.00	0.00N	0.00E	==>	0.00	1413897.00	3175339.00
700.00	0.00	0.000	700.00	0.00N	0.00E	==>	0.00	1413897.00	3175339.00
800.00	0.00	0.000	800.00	0.00N	0.00E	==>	0.00	1413897.00	3175339.00
850.00	0.00	0.000	850.00	0.00N	0.00E	==>	0.00	1413897.00	3175339.00
872.50	0.00	0.000	872.50	0.00N	0.00E	==>	0.00	1413897.00	3175339.00
950.00	1.55	12.900	949.99	1.02N	0.23E	2.00	-0.03	1413898.02	3175339.24
1050.00	3.55	12.900	1049.89	5.36N	1.23E	2.00	-0.17	1413902.36	3175340.23
1150.00	5.55	12.900	1149.57	13.09N	3.00E	2.00	-0.41	1413910.09	3175342.00
1250.00	7.55	12.900	1248.91	24.21N	5.54E	2.00	-0.75	1413921.21	3175344.55
1350.00	9.55	12.900	1347.79	38.70N	8.86E	2.00	-1.20	1413935.70	3175347.86
1365.59	9.86	12.900	1363.15	41.26N	9.45E	2.00	-1.28	1413938.26	3175348.45
1400.00	9.86	12.900	1397.06	47.01N	10.77E	==>	-1.46	1413944.00	3175349.77
1500.00	9.86	12.900	1495.58	63.70N	14.59E	==>	-1.98	1413960.70	3175353.59
1600.00	9.86	12.900	1594.11	80.40N	18.41E	==>	-2.49	1413977.39	3175357.41
1700.00	9.86	12.900	1692.63	97.09N	22.24E	==>	-3.01	1413994.09	3175361.24
1800.00	9.86	12.900	1791.15	113.79N	26.06E	==>	-3.53	1414010.78	3175365.06
1900.00	9.86	12.900	1889.67	130.48N	29.88E	==>	-4.05	1414027.48	3175368.88
2000.00	9.86	12.900	1988.19	147.18N	33.71E	==>	-4.56	1414044.17	3175372.71
2100.00	9.86	12.900	2086.72	163.87N	37.53E	==>	-5.08	1414060.86	3175376.53
2200.00	9.86	12.900	2185.24	180.57N	41.35E	==>	-5.60	1414077.56	3175380.35
2300.00	9.86	12.900	2283.76	197.26N	45.18E	==>	-6.12	1414094.25	3175384.18
2400.00	9.86	12.900	2382.28	213.96N	49.00E	==>	-6.63	1414110.95	3175388.00
2500.00	9.86	12.900	2480.81	230.65N	52.82E	==>	-7.15	1414127.64	3175391.82
2600.00	9.86	12.900	2579.33	247.35N	56.65E	==>	-7.67	1414144.33	3175395.65
2700.00	9.86	12.900	2677.85	264.04N	60.47E	==>	-8.19	1414161.03	3175399.47
2800.00	9.86	12.900	2776.37	280.74N	64.29E	==>	-8.71	1414177.72	3175403.29
2900.00	9.86	12.900	2874.90	297.43N	68.12E	==>	-9.22	1414194.42	3175407.11
3000.00	9.86	12.900	2973.42	314.13N	71.94E	==>	-9.74	1414211.11	3175410.94
3100.00	9.86	12.900	3071.94	330.82N	75.76E	==>	-10.26	1414227.81	3175414.76
3200.00	9.86	12.900	3170.46	347.52N	79.59E	==>	-10.78	1414244.50	3175418.58
3300.00	9.86	12.900	3268.99	364.21N	83.41E	==>	-11.29	1414261.19	3175422.41

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 281.170 degrees
Bottom hole distance is 5008.69 Feet on azimuth 281.17 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 #10 (PWB)

Interpolated Wellpath									
MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Northing	Easting
3400.00	9.86	12.900	3367.51	380.90N	87.23E	==>	-11.81	1414277.89	3175426.23
3500.00	9.86	12.900	3466.03	397.60N	91.06E	==>	-12.33	1414294.58	3175430.05
3600.00	9.86	12.900	3564.55	414.29N	94.88E	==>	-12.85	1414311.28	3175433.88
3700.00	9.86	12.900	3663.08	430.99N	98.70E	==>	-13.36	1414327.97	3175437.70
3800.00	9.86	12.900	3761.60	447.68N	102.53E	==>	-13.88	1414344.67	3175441.52
3900.00	9.86	12.900	3860.12	464.38N	106.35E	==>	-14.40	1414361.36	3175445.35
4000.00	9.86	12.900	3958.64	481.07N	110.17E	==>	-14.92	1414378.05	3175449.17
4100.00	9.86	12.900	4057.17	497.77N	114.00E	==>	-15.44	1414394.75	3175452.99
4200.00	9.86	12.900	4155.69	514.46N	117.82E	==>	-15.95	1414411.44	3175456.82
4300.00	9.86	12.900	4254.21	531.16N	121.64E	==>	-16.47	1414428.14	3175460.64
4400.00	9.86	12.900	4352.73	547.85N	125.47E	==>	-16.99	1414444.83	3175464.46
4500.00	9.86	12.900	4451.25	564.55N	129.29E	==>	-17.51	1414461.53	3175468.29
4600.00	9.86	12.900	4549.78	581.24N	133.11E	==>	-18.02	1414478.22	3175472.11
4700.00	9.86	12.900	4648.30	597.94N	136.94E	==>	-18.54	1414494.91	3175475.93
4800.00	9.86	12.900	4746.82	614.63N	140.76E	==>	-19.06	1414511.61	3175479.76
4900.00	9.86	12.900	4845.34	631.33N	144.58E	==>	-19.58	1414528.30	3175483.58
5000.00	9.86	12.900	4943.87	648.02N	148.41E	==>	-20.10	1414545.00	3175487.40
5100.00	9.86	12.900	5042.39	664.72N	152.23E	==>	-20.61	1414561.69	3175491.23
5200.00	9.86	12.900	5140.91	681.41N	156.05E	==>	-21.13	1414578.39	3175495.05
5300.00	9.86	12.900	5239.43	698.11N	159.88E	==>	-21.65	1414595.08	3175498.87
5400.00	9.86	12.900	5337.96	714.80N	163.70E	==>	-22.17	1414611.77	3175502.70
5500.00	9.86	12.900	5436.48	731.50N	167.52E	==>	-22.68	1414628.47	3175506.52
5600.00	9.86	12.900	5535.00	748.19N	171.35E	==>	-23.20	1414645.16	3175510.34
5700.00	9.86	12.900	5633.52	764.89N	175.17E	==>	-23.72	1414661.86	3175514.16
5800.00	9.86	12.900	5732.05	781.58N	178.99E	==>	-24.24	1414678.55	3175517.99
5900.00	9.86	12.900	5830.57	798.28N	182.82E	==>	-24.75	1414695.24	3175521.81
6000.00	9.86	12.900	5929.09	814.97N	186.64E	==>	-25.27	1414711.94	3175525.63
6100.00	9.86	12.900	6027.61	831.67N	190.46E	==>	-25.79	1414728.63	3175529.46
6200.00	9.86	12.900	6126.14	848.36N	194.29E	==>	-26.31	1414745.33	3175533.28
6300.00	9.86	12.900	6224.66	865.06N	198.11E	==>	-26.83	1414762.02	3175537.10
6395.95	9.86	12.900	6319.19	881.07N	201.78E	==>	-27.32	1414778.04	3175540.77
6400.00	9.80	11.280	6323.18	881.75N	201.92E	7.00	-27.33	1414778.72	3175540.92
6500.00	10.81	331.740	6421.69	898.37N	199.15E	7.00	-21.39	1414795.34	3175538.14
6600.00	15.32	307.520	6519.15	914.70N	184.22E	7.00	-3.58	1414811.66	3175523.21
6700.00	21.20	295.250	6614.11	930.47N	157.36E	7.00	25.83	1414827.43	3175496.35
6800.00	27.59	288.280	6705.15	945.46N	118.96E	7.00	66.39	1414842.43	3175457.96
6900.00	34.21	283.810	6790.92	959.45N	69.61E	7.00	117.52	1414856.42	3175408.61
7000.00	40.94	280.640	6870.14	972.23N	10.04E	7.00	178.44	1414869.19	3175349.04
7100.00	47.74	278.240	6941.62	983.60N	58.86W	7.00	248.24	1414880.56	3175280.14
7200.00	54.57	276.310	7004.31	993.40N	136.08W	7.00	325.89	1414890.36	3175202.93
7300.00	61.44	274.690	7057.27	1001.48N	220.44W	7.00	410.22	1414898.44	3175118.57
7400.00	68.32	273.260	7099.70	1007.72N	310.71W	7.00	499.99	1414904.68	3175028.30
7500.00	75.21	271.970	7130.98	1012.02N	405.53W	7.00	593.85	1414908.98	3174933.49
7600.00	82.11	270.750	7150.63	1014.33N	503.49W	7.00	690.40	1414911.29	3174835.53
7700.00	89.01	269.570	7158.38	1014.61N	603.13W	7.00	788.20	1414911.57	3174735.90
7714.38	90.00	269.410	7158.50	1014.48N	617.50W	7.00	802.29	1414911.44	3174721.52
7800.00	90.00	269.410	7158.50	1013.60N	703.12W	==>	886.11	1414910.56	3174635.91
7900.00	90.00	269.410	7158.50	1012.56N	803.11W	==>	984.01	1414909.52	3174535.92
8000.00	90.00	269.410	7158.50	1011.53N	903.11W	==>	1081.91	1414908.49	3174435.93
8100.00	90.00	269.410	7158.50	1010.49N	1003.10W	==>	1179.81	1414907.45	3174335.94
8200.00	90.00	269.410	7158.50	1009.46N	1103.10W	==>	1277.71	1414906.42	3174235.95
8300.00	90.00	269.410	7158.50	1008.42N	1203.09W	==>	1375.61	1414905.38	3174135.95
8400.00	90.00	269.410	7158.50	1007.39N	1303.09W	==>	1473.52	1414904.35	3174035.96
8500.00	90.00	269.410	7158.50	1006.35N	1403.08W	==>	1571.42	1414903.31	3173935.97
8600.00	90.00	269.410	7158.50	1005.32N	1503.08W	==>	1669.32	1414902.28	3173835.98
8700.00	90.00	269.410	7158.50	1004.28N	1603.07W	==>	1767.22	1414901.24	3173735.99
8800.00	90.00	269.410	7158.50	1003.25N	1703.07W	==>	1865.12	1414900.21	3173636.00
8900.00	90.00	269.410	7158.50	1002.21N	1803.06W	==>	1963.02	1414899.18	3173536.01
9000.00	90.00	269.410	7158.50	1001.18N	1903.06W	==>	2060.92	1414898.14	3173436.02
9100.00	90.00	269.410	7158.50	1000.15N	2003.05W	==>	2158.82	1414897.11	3173336.03
9200.00	90.00	269.410	7158.50	999.11N	2103.04W	==>	2256.72	1414896.07	3173236.04

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Vertical Section is from 0.00N 0.00E on azimuth 281.170 degrees
Bottom hole distance is 5008.69 Feet on azimuth 281.17 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 #10 (PWB)

Interpolated Wellpath									
MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Northing	Easting
9300.00	90.00	269.410	7158.50	998.08N	2203.04W			1414895.04	3173136.05
9400.00	90.00	269.410	7158.50	997.04N	2303.03W	==>	2452.53	1414894.00	3173036.06
9500.00	90.00	269.410	7158.50	996.01N	2403.03W	==>	2550.43	1414892.97	3172936.06
9600.00	90.00	269.410	7158.50	994.97N	2503.02W	==>	2648.33	1414891.93	3172836.07
9700.00	90.00	269.410	7158.50	993.94N	2603.02W	==>	2746.23	1414890.90	3172736.08
9800.00	90.00	269.410	7158.50	992.90N	2703.01W	==>	2844.13	1414889.86	3172636.09
9900.00	90.00	269.410	7158.50	991.87N	2803.01W	==>	2942.03	1414888.83	3172536.10
10000.00	90.00	269.410	7158.50	990.83N	2903.00W	==>	3039.93	1414887.79	3172436.11
10100.00	90.00	269.410	7158.50	989.80N	3003.00W	==>	3137.83	1414886.76	3172336.12
10200.00	90.00	269.410	7158.50	988.76N	3102.99W	==>	3235.73	1414885.72	3172236.13
10300.00	90.00	269.410	7158.50	987.73N	3202.99W	==>	3333.64	1414884.69	3172136.14
10400.00	90.00	269.410	7158.50	986.69N	3302.98W	==>	3431.54	1414883.65	3172036.15
10500.00	90.00	269.410	7158.50	985.66N	3402.98W	==>	3529.44	1414882.62	3171936.16
10600.00	90.00	269.410	7158.50	984.62N	3502.97W	==>	3627.34	1414881.59	3171836.16
10700.00	90.00	269.410	7158.50	983.59N	3602.96W	==>	3725.24	1414880.55	3171736.17
10800.00	90.00	269.410	7158.50	982.55N	3702.96W	==>	3823.14	1414879.52	3171636.18
10900.00	90.00	269.410	7158.50	981.52N	3802.95W	==>	3921.04	1414878.48	3171536.19
11000.00	90.00	269.410	7158.50	980.49N	3902.95W	==>	4018.94	1414877.45	3171436.20
11100.00	90.00	269.410	7158.50	979.45N	4002.94W	==>	4116.84	1414876.41	3171336.21
11200.00	90.00	269.410	7158.50	978.42N	4102.94W	==>	4214.75	1414875.38	3171236.22
11300.00	90.00	269.410	7158.50	977.38N	4202.93W	==>	4312.65	1414874.34	3171136.23
11400.00	90.00	269.410	7158.50	976.35N	4302.93W	==>	4410.55	1414873.31	3171036.24
11500.00	90.00	269.410	7158.50	975.31N	4402.92W	==>	4508.45	1414872.27	3170936.25
11600.00	90.00	269.410	7158.50	974.28N	4502.92W	==>	4606.35	1414871.24	3170836.26
11700.00	90.00	269.410	7158.50	973.24N	4602.91W	==>	4704.25	1414870.20	3170736.27
11800.00	90.00	269.410	7158.50	972.21N	4702.91W	==>	4802.15	1414869.17	3170636.27
11900.00	90.00	269.410	7158.50	971.17N	4802.90W	==>	4900.05	1414868.13	3170536.28
12000.00	90.00	269.410	7158.50	970.14N	4902.90W	==>	4997.95	1414867.10	3170436.29
12010.97	90.00	269.410	7158.50	970.02N	4913.86W	==>	5008.69	1414866.99	3170425.33

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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 281.170 degrees
Bottom hole distance is 5008.69 Feet on azimuth 281.17 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 #10 (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	7714.00	7158.50	1014.49N	617.12W
6 1/8	7714.00	7158.50	1014.49N	617.12W	12010.97	7158.50	970.02N	4913.86W

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	7714.00	7158.50	1014.49N	617.12W
4 1/2in Production Liner	6400.00	6323.18	881.75N	201.92E	12010.97	7158.50	970.02N	4913.86W

Targets								
Name	North[ft]	East[ft]	TVD[ft]	Latitude	Longitude	Northing	Easting	Last Revised
DVE10 T2 REV	1014.48N	617.50W	7158.50	40.47063510	-104.87199742	1414911.44	3174721.52	16-Dec-2013
DVE10 BH REV	970.02N	4913.86W	7158.50	40.47059557	-104.88743987	1414866.99	3170425.33	16-Dec-2013

Survey Tool Program						
Reference	Survey Name	MD[ft]	TVD[ft]	Survey Tool	Error Model	
143742	Planned	12010.97	7158.50	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 4791.5ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 281.170 degrees
Bottom hole distance is 5008.69 Feet on azimuth 281.17 degrees from Wellhead
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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 #10 (PWB)	16-Dec-2013	17-Dec-2013

Well		
Name	Government ID	Last Revised
DVE #10		16-Dec-2013

Slot						
Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Slot #11	1413896.9986	3175339.0018	40.46783853	-104.86980400	160.00N	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]
Diamond Valley 22-43	Diamond Valley 22-43 (AWB)	Diamond Valley 22-43	Great Western Diamond Valley	0.18	7905.25	7905.25	-58.37	7912.92	0.01	7905.25
Diamond Valley 22-33	Diamond Valley 22-33 (AWB)	Diamond Valley 22-33	Great Western Diamond Valley	1.57	9210.26	9210.26	-72.79	9208.85	0.03	9208.85
DVE #9	DVE #9 (PWB)	Slot #10	Diamond Valley East-REV 01	16.00	875.52	7722.50	13.97	875.52	3.47	12010.97
DVE #12	DVE #12 (PWB)	Slot #12	Diamond Valley East-REV 01	16.00	847.50	847.50	14.02	847.50	6.06	12010.97
DVE #8	DVE #8 (PWB)	Slot #9	Diamond Valley East-REV 01	32.00	875.52	7722.50	29.97	875.52	6.14	12010.97
DVE #13	DVE #13 (PWB)	Slot #13	Diamond Valley East-REV 01	32.00	822.50	12006.76	30.06	822.50	7.33	12010.97
DVE #11	DVE #11 (PWB)	Slot #8	Diamond Valley East-REV 01	48.00	875.52	7711.90	45.97	875.52	3.37	12010.97
DIAMOND VALLEY SW #8	DIAMOND VALLEY SW #8 REV	Slot #8	Diamond Valley SW	60.22	12010.97	12010.97	31.15	12010.97	2.07	12010.97
DVE #7	DVE #7 (PWB)	Slot #7	Diamond Valley East-REV 01	64.00	875.52	7722.50	61.97	875.52	7.43	12010.97

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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]
DVE #6	DVE #6 (PWB)	Slot #6	Diamond Valley East-REV 01	80.00	875.52	7722.50	77.97	875.52	9.64	12010.97
DVE #5	DVE #5 (PWB)	Slot #5	Diamond Valley East-REV 01	96.00	822.50	7723.51	94.06	842.71	13.25	12010.97
DVE #4	DVE #4 (PWB)	Slot #4	Diamond Valley East-REV 01	112.00	822.50	822.50	110.06	822.50	14.85	12010.97
DVE #3	DVE #3 (PWB)	Slot #3	Diamond Valley East-REV 01	128.00	875.52	7726.12	125.97	875.52	16.91	12010.97
DVE #2	DVE #2 (PWB)	Slot #2	Diamond Valley East-REV 01	144.00	822.50	822.50	142.06	822.50	20.58	12010.97
DVE #1	DVE #1 (PWB)	Slot #1	Diamond Valley East-REV 01	160.00	822.50	822.50	158.06	822.50	22.27	12010.97
DIAMOND VALLEY SW #9	DIAMOND VALLEY SW #9 REV	Slot #9	Diamond Valley SW	272.10	12010.97	12010.97	235.41	12010.97	7.42	12010.97
DIAMOND VALLEY SW #7	DIAMOND VALLEY SW #7 REV	Slot #7	Diamond Valley SW	284.61	12010.97	12010.97	239.87	12010.97	6.36	12010.97
DIAMOND VALLEY SW #6	DIAMOND VALLEY SW #6 REV	Slot #6	Diamond Valley SW	564.63	12010.97	12010.97	505.36	12010.97	9.53	12010.97
Diamond Valley 22-22-13	Diamond Valley 22-22-13 (AWB)	Diamond Valley 22-22-13	Great Western Diamond Valley	658.58	9857.74	9857.74	583.70	9930.64	7.32	10176.70
Diamond Valley 22-32-12	Diamond Valley 22-32-12 (AWB)	Diamond Valley 22-32-12	Great Western Diamond Valley	659.04	8554.43	8554.43	618.41	8585.49	11.70	9022.50
Diamond Valley 22-23-18	Diamond Valley 22-23-18 (AWB)	Diamond Valley 22-23-18	Great Western Diamond Valley	660.21	9867.64	9867.64	592.20	9832.21	9.09	9668.17
Diamond Valley 22-54	Diamond Valley 22-54 (AWB)	Diamond Valley 22-54	Great Western Diamond Valley	660.92	8690.81	8690.81	627.81	8667.51	17.47	8372.24
DIAMOND VALLEY SW #5	DIAMOND VALLEY SW #5 REV	Slot #5	Diamond Valley SW	670.21	12010.97	12010.97	608.60	12010.97	10.88	12010.97
DIAMOND VALLEY SW 10	DIAMOND VALLEY SW 10 #3-4-22-270-6-NH (PWB)	Slot #10	Diamond Valley SW	696.05	10143.89	10143.89	652.75	12010.97	11.75	12010.97
DIAMOND VALLEY SW #4	DIAMOND VALLEY SW #4 REV	Slot #4	Diamond Valley SW	860.38	12010.97	12010.97	799.93	12010.97	14.23	12010.97
DIAMOND VALLEY SW #3	DIAMOND VALLEY SW #3 REV	Slot #3	Diamond Valley SW	1180.01	12010.97	12010.97	1119.15	12010.97	19.39	12010.97

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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	1317.47	7915.89	7915.89	1292.63	7929.32	46.32	8470.66
DIAMOND VALLEY SW #2	DIAMOND VALLEY SW #2 REV	Slot #2	Diamond Valley SW	1324.40	12010.97	12010.97	1263.38	12010.97	21.70	12010.97
Altergott #1	Altergott #1 (AWB)	Altergott #1	DVE Offset	1350.93	9262.67	9262.67	1324.01	9262.67	50.00	9356.49
Diamond Valley 22-34	Diamond Valley 22-34 (AWB)	Diamond Valley 22-34	Great Western Diamond Valley	1421.75	9218.88	9218.88	1379.61	9208.85	32.87	8962.79
DIAMOND VALLEY SW #1	DIAMOND VALLEY SW #1 REV	Slot #1	Diamond Valley SW	1501.08	12010.97	12010.97	1440.21	12010.97	24.66	12010.97
Great Western 27-41-1	Great Western 27-41-1 (AWB)	Great Western 27-41-1	Great Western Diamond Valley	1589.89	1991.00	1991.00	1580.81	2204.26	56.99	7568.43
Great Western 27-41-10	Great Western 27-41-10 (AWB)	Great Western 27-41-10	Great Western Diamond Valley	1719.99	629.46	629.46	1718.72	498.22	593.68	4205.57
Great Western 27-31-2	Great Western 27-31-2 (AWB)	Great Western 27-31-2	Great Western Diamond Valley	1807.72	957.54	8596.54	1804.39	957.54	93.74	8880.77
Great Western 27-21-3	Great Western 27-21-3 (AWB)	Great Western 27-21-3	Great Western Diamond Valley	1873.27	224.50	9877.62	1871.57	224.50	31.28	9897.83
Great Western 27-31-8	Great Western 27-31-8 (AWB)	Great Western 27-31-8	Great Western Diamond Valley	1876.42	224.50	224.50	1875.34	224.50	845.05	2565.15
Kodak #1	Kodak #1	Slot #1	Kodak	1935.42	12010.97	12010.97	1876.79	12010.97	33.01	12010.97
Kodak #2	Kodak #2	Slot #2	Kodak	2071.80	12010.97	12010.97	2013.48	12010.97	35.52	12010.97
Kodak #3	Kodak #3	Slot #3	Kodak	2246.22	12010.97	12010.97	2188.30	12010.97	38.78	12010.97