

30-045-33006



Job Number: State/Country: New Mexico / USA
 Company: Devon Energy Production Co. Declination: 10.87347
 Lease/Well: NEBU #434A Grid: -0.14
 Location: San Juan County, Sec 23-31N-7W File name: C:\DATA\CUST05\SURVEYS\DEVON\05192.SVY
 Rig Name: Date/Time: 18-Oct-05 / 10:05
 RKB: Curve Name: As Drilled
 G.L. or M.S.L.: 6420'

Surface 1315/N 30/W
 BHL 990/N 1113/W

Inwell Inc.

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 73.60
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead



Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
354.00	1.20	69.70	353.97	3.70	1.29	3.48	3.71	69.70	.34
443.00	4.80	71.80	442.84	8.35	2.77	7.89	8.36	70.64	4.05
532.00	9.90	74.70	531.08	19.73	5.96	18.81	19.73	72.43	5.74
625.00	14.60	76.00	621.93	39.45	10.90	37.91	39.45	73.95	5.06
719.00	18.80	73.80	711.95	66.44	18.00	63.96	66.45	74.28	4.52
813.00	23.40	73.50	799.62	100.27	27.53	96.42	100.27	74.06	4.89
906.00	27.90	73.80	883.44	140.52	38.85	135.04	140.52	73.95	4.84
1001.00	31.20	72.80	966.07	187.36	52.33	179.91	187.36	73.78	3.51
1095.00	33.00	72.50	1045.70	237.30	67.23	227.58	237.30	73.54	1.92
1189.00	32.70	73.40	1124.67	288.29	82.18	276.33	288.29	73.44	.61
1282.00	32.80	74.80	1202.88	338.59	95.97	324.71	338.60	73.54	.82
1377.00	34.20	73.50	1282.10	391.02	110.30	375.14	391.02	73.62	1.66
1468.00	33.70	74.10	1357.59	441.84	124.48	423.95	441.84	73.64	.66
1559.00	32.80	73.40	1433.69	491.74	138.43	471.85	491.74	73.65	1.08
1653.00	31.40	74.80	1513.32	541.68	152.13	519.88	541.68	73.69	1.69
1747.00	32.40	73.50	1593.12	591.35	165.70	567.66	591.35	73.73	1.29
1841.00	31.50	74.50	1672.88	641.09	179.42	615.47	641.09	73.75	1.11
1935.00	31.20	74.10	1753.16	689.99	192.65	662.55	689.99	73.79	.39
2029.00	30.40	73.30	1833.90	738.12	206.16	708.75	738.12	73.78	.96

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
2123.00	30.60	72.70	1914.89	785.83	220.11	754.37	785.83	73.73	.39
2217.00	32.00	72.20	1995.21	834.65	234.83	800.93	834.65	73.66	1.51
2312.00	33.00	71.60	2075.33	885.67	250.70	849.45	885.67	73.56	1.11
2406.00	28.50	74.30	2156.10	933.70	264.85	895.35	933.70	73.52	5.01
2499.00	25.17	72.00	2239.07	975.67	276.97	935.53	975.67	73.51	3.75
2594.00	23.20	72.60	2325.73	1014.58	288.81	972.61	1014.58	73.46	2.09
2686.00	19.30	74.10	2411.46	1047.91	298.40	1004.53	1047.92	73.46	4.28
2780.00	14.80	74.90	2501.31	1075.46	305.79	1031.08	1075.47	73.48	4.79
2874.00	11.00	73.20	2592.92	1096.44	311.51	1051.26	1096.44	73.49	4.06
2968.00	7.00	75.30	2685.74	1111.14	315.56	1065.39	1111.14	73.50	4.27
3062.00	2.60	62.70	2779.39	1118.96	317.99	1072.83	1118.97	73.49	4.79
3153.00	2.20	52.40	2870.31	1122.62	320.00	1076.05	1122.62	73.44	.64
3211.00	2.00	54.80	2928.27	1124.62	321.26	1077.76	1124.62	73.40	.38
Projected to TD									
3613.00	.00	54.80	3330.19	1131.26	325.31	1083.49	1131.27	73.29	.50

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