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Job Number: ☐
 Company: Devon Energy
 Lease/Well: NEBU # 4 M
 Location: Rio Arriba County
 Rig Name: ☐
 RKB: ☐
 G.L. or M.S.L.: ☐

State/Country: New Mexico
 Declination: ☐
 Grid: ☐
 File name: C:\DATA\CUST06\SURVEYS\DEVON06281.SVY
 Date/Time: 17-Jan-07 / 12:48
 Curve Name: As Drilled

Inwell Inc.

H 2-2-07

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 258.20
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

30-039-30072
 Surface 180°/N 261°/W
 BHL 1963°/N 1952°/W
 MD 5953
 Tvd 5867

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
Distance FT	Direction Deg								
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
304.00	.30	152.80	304.00	-.71	.36	-.21	.80	152.80	.10
393.00	2.60	266.60	392.97	-1.03	-1.55	1.72	1.86	236.19	3.07
482.00	6.40	269.60	481.68	-1.19	-8.52	8.59	8.61	262.06	4.28
575.00	8.40	262.90	573.90	-2.07	-20.45	20.44	20.55	264.23	2.34
670.00	10.30	254.90	667.64	-5.14	-35.54	35.84	35.91	261.78	2.42
765.00	11.20	262.10	760.97	-8.62	-52.88	53.52	53.57	260.74	1.70
859.00	15.10	263.60	852.49	-11.24	-74.09	74.83	74.94	261.38	4.16
953.00	16.60	259.60	942.92	-15.03	-99.47	100.44	100.60	261.41	1.97
1047.00	15.20	256.90	1033.32	-20.24	-124.68	126.19	126.31	260.78	1.68
1139.00	14.60	255.60	1122.23	-25.86	-147.66	149.83	149.91	260.07	.75
1231.00	14.50	252.40	1211.28	-32.23	-169.87	172.87	172.90	259.26	.88
1325.00	14.80	256.90	1302.23	-38.51	-192.78	196.58	196.59	258.70	1.25
1419.00	14.50	255.80	1393.17	-44.11	-215.88	220.34	220.34	258.45	.44
1513.00	15.50	260.80	1483.97	-49.01	-239.69	244.65	244.65	258.44	1.74
1606.00	15.80	259.60	1573.52	-53.28	-264.41	269.72	269.73	258.61	.47
1700.00	16.00	257.80	1663.93	-58.33	-289.66	295.47	295.47	258.61	.57
1794.00	16.10	260.80	1754.26	-63.15	-315.19	321.44	321.45	258.67	.89
1888.00	15.90	260.20	1844.62	-67.43	-340.74	347.33	347.35	258.81	.28
1982.00	16.10	259.60	1934.98	-71.97	-366.25	373.23	373.26	258.88	.28
2074.00	15.50	257.90	2023.50	-76.85	-390.82	398.27	398.30	258.88	.82
2167.00	15.50	258.90	2113.12	-81.85	-415.16	423.13	423.15	258.85	.29
2260.00	15.50	258.10	2202.74	-86.80	-439.52	447.98	448.01	258.83	.23
2351.00	15.80	256.90	2290.37	-92.12	-463.48	472.52	472.55	258.76	.48
2444.00	15.70	255.00	2379.88	-98.24	-487.97	497.75	497.76	258.62	.56

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Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
2538.00	15.70	258.60	2470.37	-104.05	-512.72	523.16	523.17	258.53	1.04
2632.00	15.60	257.40	2560.89	-109.32	-537.52	548.52	548.53	258.50	.36
2725.00	15.30	256.80	2650.53	-114.85	-561.67	573.29	573.29	258.44	.37
2818.00	15.00	256.10	2740.29	-120.54	-585.30	597.58	597.58	258.36	.38
2911.00	13.70	258.40	2830.39	-125.65	-607.77	620.62	620.62	258.32	1.53
3003.00	11.90	254.80	2920.10	-130.33	-627.60	640.99	640.99	258.27	2.14
3097.00	9.40	254.10	3012.48	-134.97	-644.34	658.32	658.32	258.17	2.66
3192.00	6.50	243.60	3106.56	-139.49	-656.62	671.27	671.27	258.01	3.40
3286.00	4.70	232.10	3200.11	-144.22	-664.42	679.88	679.90	257.75	2.25
3379.00	2.10	225.40	3292.94	-147.76	-668.64	684.73	684.78	257.54	2.82
3451.00	.80	139.40	3364.92	-149.07	-669.26	685.60	685.66	257.44	3.05
3505.00	.80	139.40	3418.91	-149.64	-668.77	685.23	685.30	257.39	.00
5953.00	.00	139.40	5866.83	-162.62	-657.64	677.00	677.45	256.11	.03

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