



Job Number: 07162
 Company: Devon Energy
 Lease/Well: NEBU 19 M
 Location: Rio Arriba County
 Rig Name: ☐
 RKB: ☐
 G.L. or M.S.L.: 6388'

State/Country: NM
 Declination: ☐
 Grid: ☐
 File name: C:\DATA\CUST07\SURVEYS\TEMP\07162.SVY
 Date/Time: 20-Feb-07 / 08:23
 Curve Name: As Drilled

30-039-30150

Inwell Inc.

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 215.05
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
305.00	.60	329.60	304.99	1.38	-.81	-.66	1.60	329.60	.20
394.00	1.90	220.60	393.98	.66	-2.00	.61	2.11	288.20	2.44
484.00	3.30	212.50	483.88	-2.66	-4.37	4.68	5.11	238.67	1.60
575.00	4.80	217.80	574.65	-7.88	-8.11	11.10	11.30	225.83	1.70
670.00	7.00	215.50	669.15	-15.73	-13.91	20.86	21.00	221.48	2.33
763.00	9.20	214.40	761.21	-26.48	-21.40	33.97	34.05	218.94	2.37
856.00	10.90	216.50	852.78	-39.68	-30.83	50.19	50.25	217.84	1.87
949.00	11.00	217.30	944.09	-53.81	-41.44	67.85	67.92	217.60	.20
1043.00	12.00	215.30	1036.20	-68.92	-52.52	86.58	86.65	217.31	1.15
1137.00	11.70	214.30	1128.20	-84.77	-63.54	105.88	105.94	216.85	.39
1231.00	12.30	215.80	1220.14	-100.76	-74.76	125.43	125.47	216.57	.72
1325.00	12.20	215.60	1312.00	-116.96	-86.40	145.37	145.41	216.45	.12
1418.00	12.30	214.90	1402.89	-133.07	-97.79	165.10	165.14	216.31	.19
1511.00	12.10	214.40	1493.78	-149.24	-108.97	184.75	184.79	216.13	.24
1605.00	12.10	213.20	1585.70	-165.61	-119.93	204.45	204.47	215.91	.27
1699.00	12.20	216.50	1677.59	-181.84	-131.23	224.23	224.25	215.82	.75
1792.00	12.10	216.10	1768.51	-197.62	-142.82	243.80	243.82	215.86	.14
1886.00	12.40	215.10	1860.37	-213.83	-154.42	263.74	263.77	215.84	.39
1978.00	12.40	214.90	1950.22	-230.02	-165.76	283.50	283.52	215.78	.05
2073.00	12.30	214.80	2043.02	-246.69	-177.37	303.81	303.84	215.72	.11
2167.00	12.10	213.40	2134.90	-263.14	-188.50	323.67	323.69	215.62	.38
2260.00	12.10	214.40	2225.84	-279.32	-199.38	343.16	343.18	215.52	.23
2352.00	11.30	214.80	2315.92	-294.68	-209.97	361.82	361.83	215.47	.87
2443.00	10.20	214.40	2405.32	-308.65	-219.61	378.79	378.80	215.43	1.21

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	
2536.00	9.20	214.00	2496.99	-321.60	-228.42	394.46	394.47	215.38	1.08
2628.00	8.20	214.40	2587.93	-333.11	-236.24	408.37	408.38	215.34	1.09
2722.00	7.00	212.40	2681.11	-343.48	-243.10	420.80	420.80	215.29	1.31
2813.00	6.70	218.60	2771.46	-352.31	-249.38	431.64	431.64	215.29	.88
2907.00	5.80	214.00	2864.90	-360.54	-255.46	441.86	441.86	215.32	1.09
3001.00	4.80	212.40	2958.50	-367.80	-260.22	450.54	450.54	215.28	1.08
3096.00	4.20	213.30	3053.20	-374.06	-264.26	457.99	457.99	215.24	.64
3189.00	3.20	211.80	3146.01	-379.11	-267.50	463.98	463.98	215.21	1.08
3283.00	.90	226.80	3239.94	-381.85	-269.42	467.32	467.33	215.21	2.49
3375.00	.50	206.80	3331.94	-382.70	-270.13	468.43	468.43	215.22	.50
3470.00	.60	219.00	3426.93	-383.46	-270.63	469.33	469.34	215.21	.16
Projected to Bit									
3540.00	.60	219.00	3496.93	-384.03	-271.09	470.07	470.07	215.22	.00

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