



Job Number: ☐
 Company: Devon Energy
 Lease/Well: NEBU 238
 Location: Rio Arriba County
 Rig Name: ☐
 RKB: ☐
 G.L. or M.S.L.: ☐

State/Country: NM
 Declination: ☐
 Grid: ☐
 File name: C:\DATA\CUST06\SURVEYS\TEMP\06233.SVY
 Date/Time: 10-Aug-06 / 08:35
 Curve Name: As Drilled

31-039-29854

Surf: 1020/S 775/E Sec 25

BHL: 695/N 770/E Sec 36

md 4075
 tvd 3433

Inwell Inc.

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 180.00
 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 Distance FT	Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
306.00	.00	.00	306.00	.00	.00	.00	.00	.00	.00
399.00	2.70	187.10	398.97	2.17	-2.17	-.27	2.19	187.10	2.90
492.00	8.40	178.30	491.49	11.15	-11.15	-.34	11.15	181.75	6.18
587.00	14.20	178.20	584.61	29.74	-29.74	.23	29.74	179.55	6.11
681.00	19.70	176.60	674.49	57.10	-57.10	1.54	57.12	178.46	5.87
772.00	25.10	180.20	758.60	91.74	-91.74	2.38	91.77	178.52	6.12
863.00	30.90	180.10	838.91	134.45	-134.45	2.27	134.47	179.03	6.37
957.00	36.70	180.30	916.99	186.72	-186.72	2.08	186.73	179.36	6.17
1050.00	42.40	180.20	988.67	245.91	-245.91	1.83	245.92	179.57	6.13
1143.00	46.90	180.50	1054.82	311.25	-311.25	1.42	311.25	179.74	4.84
1237.00	46.60	180.50	1119.23	379.71	-379.71	.82	379.71	179.88	.32
1330.00	46.30	180.20	1183.30	447.11	-447.11	.41	447.11	179.95	.40
1424.00	47.40	179.90	1247.59	515.69	-515.69	.35	515.69	179.96	1.19
1518.00	47.40	179.10	1311.21	584.88	-584.88	.96	584.88	179.91	.63
1611.00	47.50	180.00	1374.10	653.39	-653.39	1.49	653.39	179.87	.72
1703.00	48.10	179.10	1435.90	721.54	-721.54	2.03	721.54	179.84	.97
1797.00	46.60	179.10	1499.59	790.67	-790.67	3.12	790.67	179.77	1.60
1890.00	46.40	180.30	1563.61	858.12	-858.12	3.47	858.13	179.77	.96
1984.00	46.10	179.80	1628.61	926.03	-926.03	3.41	926.03	179.79	.50
2078.00	46.60	180.80	1693.49	994.04	-994.04	3.05	994.04	179.82	.94
2171.00	46.10	181.00	1757.69	1061.32	-1061.32	2.00	1061.32	179.89	.56
2265.00	47.60	180.40	1821.97	1129.89	-1129.89	1.16	1129.89	179.94	1.66
2360.00	46.90	179.20	1886.46	1199.65	-1199.65	1.40	1199.65	179.93	1.18
2454.00	46.20	180.10	1951.11	1267.89	-1267.89	1.82	1267.89	179.92	1.02

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 Distance FT	Direction Deg	Dogleg Severity Deg/100
2546.00	46.20	179.20	2014.78	1334.29	-1334.29	2.23	1334.29	179.90	.71
2640.00	44.00	181.20	2081.13	1400.86	-1400.86	2.02	1400.86	179.92	2.78
2734.00	38.80	182.80	2151.62	1462.96	-1462.96	-.11	1462.96	180.00	5.64
2827.00	34.80	180.60	2226.08	1518.63	-1518.63	-1.81	1518.63	180.07	4.53
2921.00	29.50	177.80	2305.64	1568.61	-1568.61	-1.20	1568.61	180.04	5.86
3013.00	24.90	180.00	2387.45	1610.64	-1610.64	-.33	1610.64	180.01	5.12
3105.00	20.20	179.30	2472.39	1645.91	-1645.91	-.14	1645.91	180.00	5.12
3198.00	16.30	181.30	2560.70	1675.02	-1675.02	-.24	1675.02	180.01	4.25
3291.00	12.10	183.60	2650.83	1697.81	-1697.81	-1.14	1697.81	180.04	4.56
3386.00	7.50	176.20	2744.43	1713.94	-1713.94	-1.36	1713.94	180.05	5.01
3479.00	3.00	175.10	2837.01	1722.43	-1722.43	-.75	1722.43	180.02	4.84
3572.00	1.40	31.90	2929.98	1723.89	-1723.89	.06	1723.89	180.00	4.52
3666.00	2.10	23.60	3023.93	1721.34	-1721.34	1.36	1721.34	179.95	.79
3759.00	1.90	29.30	3116.88	1718.43	-1718.43	2.79	1718.43	179.91	.30
3854.00	1.20	15.30	3211.84	1716.10	-1716.10	3.83	1716.10	179.87	.83
3947.00	.80	7.20	3304.83	1714.51	-1714.51	4.16	1714.52	179.86	.46
4026.00	.60	42.30	3383.82	1713.66	-1713.66	4.51	1713.67	179.85	.59
Projected to Bit									
4075.00	.60	42.30	3432.82	1713.28	-1713.28	4.86	1713.29	179.84	.00

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