



Job Number: 03200

Company: Devon Energy Corp.

Lease/Well: Northeast Blanco Unit 303E

Location: Rio Arriba County, Sec 20-31N-6W

Rig Name: D & J #1

RKB:

G.L. or M.S.L.:

State/Country: New Mexico / USA

Declination: 10.95° East

Grid:

File name: C:\CUST03\SURVEY\DEVON\03200.SVY

Date/Time: 13-Nov-03 / 15:54

Curve Name: As Drilled

INWELL INC.
DIRECTIONAL DRILLING SERVICES
HOUSTON, TEXAS
281-397-7614
888-397-7614

30-039-27447

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 4.19
 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
353.00	1.20	6.00	352.97	3.69	3.68	.39	3.70	6.00	.34
445.00	4.80	6.00	444.83	8.51	8.46	.89	8.51	6.00	3.91
537.00	9.80	8.60	536.06	20.17	20.04	2.46	20.19	7.01	5.45
630.00	14.70	6.50	626.91	39.86	39.60	4.98	39.92	7.17	5.29
727.00	19.30	4.90	719.65	68.20	67.82	7.75	68.26	6.52	4.77
821.00	24.10	4.40	806.96	102.95	102.45	10.55	102.99	5.88	5.11
916.00	29.50	4.90	891.73	145.76	145.13	14.04	145.80	5.53	5.69
1009.00	31.70	3.90	971.77	193.10	192.32	17.66	193.13	5.25	2.43
1104.00	32.50	4.00	1052.25	243.58	242.69	21.13	243.60	4.98	.84
1198.00	33.00	5.10	1131.31	294.43	293.37	25.17	294.45	4.90	.83
1291.00	32.20	3.90	1209.66	344.53	343.32	29.11	344.55	4.85	1.11
1385.00	31.50	1.90	1289.50	394.12	392.86	31.63	394.13	4.60	1.35
1481.00	31.40	1.40	1371.40	444.16	442.92	33.07	444.16	4.27	.29
1575.00	31.70	1.60	1451.51	493.29	492.09	34.36	493.29	3.99	.34
1670.00	31.30	2.50	1532.51	542.89	541.70	36.13	542.90	3.82	.65
1764.00	31.50	2.50	1612.74	591.84	590.62	38.27	591.86	3.71	.21
1859.00	31.60	3.20	1693.70	641.53	640.27	40.74	641.56	3.64	.40
1953.00	32.10	3.70	1773.55	691.13	689.78	43.72	691.17	3.63	.60
2048.00	30.30	5.10	1854.80	740.34	738.85	47.48	740.37	3.68	2.04
2143.00	29.80	4.00	1937.03	787.91	786.27	51.26	787.93	3.73	.78
2234.00	30.60	3.70	2015.68	833.68	831.94	54.33	833.71	3.74	.89

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	
2328.00	31.20	5.30	2096.34	881.95	880.06	58.13	881.97	3.78	1.08
2421.00	30.70	4.70	2176.10	929.77	927.70	62.30	929.79	3.84	.63
2512.00	31.00	4.20	2254.22	976.44	974.23	65.92	976.45	3.87	.43
2605.00	32.30	3.70	2333.39	1025.24	1022.91	69.27	1025.25	3.87	1.43
2701.00	33.60	3.70	2413.95	1077.45	1075.01	72.64	1077.46	3.87	1.35
2795.00	32.60	3.30	2492.69	1128.78	1126.25	75.78	1128.80	3.85	1.09
2890.00	31.60	3.20	2573.17	1179.25	1176.65	78.64	1179.28	3.82	1.05
2984.00	32.20	3.70	2652.97	1228.92	1226.23	81.63	1228.95	3.81	.70
3078.00	32.40	4.00	2732.43	1279.15	1276.35	85.01	1279.18	3.81	.27
3173.00	31.70	4.60	2812.95	1329.56	1326.62	88.78	1329.59	3.83	.81
3268.00	30.30	5.10	2894.37	1378.48	1375.37	92.92	1378.51	3.86	1.50
3362.00	28.10	8.10	2976.43	1424.29	1420.91	98.14	1424.30	3.95	2.81
3456.00	28.20	8.80	3059.31	1468.51	1464.78	104.66	1468.51	4.09	.37
3550.00	31.70	2.60	3140.76	1515.36	1511.43	109.18	1515.36	4.13	4.97
3644.00	33.50	3.00	3219.95	1565.99	1562.01	111.66	1565.99	4.09	1.93
3739.00	33.60	3.50	3299.13	1618.49	1614.43	114.64	1618.49	4.06	.31
3834.00	33.90	3.50	3378.11	1671.26	1667.11	117.86	1671.27	4.04	.32
3928.00	30.00	2.50	3457.86	1720.98	1716.77	120.48	1720.99	4.01	4.19
4023.00	29.50	4.60	3540.34	1768.11	1763.81	123.40	1768.12	4.00	1.22
4118.00	29.20	7.90	3623.15	1814.63	1810.08	128.46	1814.64	4.06	1.73
4212.00	30.00	7.60	3704.88	1860.97	1856.09	134.72	1860.97	4.15	.87
4307.00	32.70	7.90	3786.01	1910.30	1905.06	141.39	1910.30	4.24	2.85
4401.00	32.20	6.70	3865.33	1960.66	1955.08	147.80	1960.66	4.32	.87
4496.00	26.20	8.30	3948.22	2006.90	2001.02	153.79	2006.92	4.39	6.37
4591.00	22.90	3.20	4034.63	2046.32	2040.24	157.85	2046.34	4.42	4.13
4685.00	18.00	359.80	4122.68	2079.11	2073.04	158.82	2079.12	4.38	5.36
4780.00	13.30	2.60	4214.14	2104.68	2098.65	159.26	2104.69	4.34	5.01
4873.00	8.50	3.30	4305.43	2122.26	2116.21	160.14	2122.26	4.33	5.16
4967.00	4.40	351.90	4398.82	2132.73	2126.72	160.03	2132.73	4.30	4.55
Projected to TD @ 5018'									
5018.00	4.40	351.90	4449.67	2136.55	2130.60	159.48	2136.56	4.28	.00