



Job Number:
Company: Devon Energy Production Co
Lease/Well: NEBU #439A
Location: San Juan County, Sec 12 & 13
Rig Name:
RKB:
G.L. or M.S.L.: 6088'

State/Country: New Mexico / USA
Declination:
Grid:
File name: C:\DATA\CUST06\SURVEYS\TEMP\06167.SVY
Date/Time: 02-Mar-06 / 07:57
Curve Name: As Drilled

30-045-32221

Surface 1345/S 1700/W Sec 12 T30N R8W Inwell Inc.
B/H 734/N 1043/W Sec 13 T30N R8W

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 197.48
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead



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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
363.00	.60	337.10	362.99	-1.45	1.75	-.74	1.90	337.10	.17
453.00	3.10	166.40	452.96	.28	-.18	-.35	.39	242.69	4.10
545.00	6.80	201.90	544.62	7.84	-7.66	-1.80	7.86	193.21	5.04
638.00	12.00	199.90	636.34	23.00	-21.87	-7.15	23.00	198.10	5.60
735.00	18.00	197.50	729.99	48.09	-45.66	-15.09	48.09	198.29	6.22
829.00	22.60	197.30	818.13	80.69	-76.78	-24.84	80.69	197.93	4.89
919.00	27.70	197.80	899.57	118.93	-113.23	-36.38	118.93	197.81	5.67
1014.00	33.40	196.60	981.35	167.19	-159.35	-50.61	167.19	197.62	6.03
1108.00	38.90	197.70	1057.22	222.62	-212.30	-66.99	222.62	197.51	5.89
1201.00	43.70	198.30	1127.07	283.98	-270.65	-85.97	283.98	197.62	5.18
1294.00	48.70	198.80	1191.42	351.07	-334.27	-107.33	351.07	197.80	5.39
1389.00	54.10	198.20	1250.66	425.27	-404.65	-130.86	425.28	197.92	5.71
1484.00	57.10	197.40	1304.33	503.65	-479.28	-154.81	503.66	197.90	3.23
1573.00	59.00	196.90	1351.43	579.16	-551.43	-177.07	579.17	197.80	2.19
1672.00	59.40	196.60	1402.12	664.19	-632.86	-201.58	664.19	197.67	.48
1765.00	58.90	196.80	1449.81	744.02	-709.34	-224.52	744.02	197.56	.57
1859.00	59.70	197.20	1497.80	824.84	-786.63	-248.16	824.84	197.51	.93
1953.00	59.50	197.40	1545.37	905.92	-864.04	-272.27	905.92	197.49	.28
2047.00	60.50	197.20	1592.37	987.33	-941.76	-296.47	987.33	197.47	1.08
2141.00	60.40	197.00	1638.72	1069.10	-1019.92	-320.52	1069.10	197.45	.21
2234.00	61.70	197.20	1683.74	1150.47	-1097.70	-344.45	1150.47	197.42	1.41
2327.00	61.50	197.40	1727.97	1232.28	-1175.81	-368.77	1232.28	197.41	.29
2421.00	61.50	196.20	1772.83	1314.88	-1254.89	-392.65	1314.88	197.37	1.12
2516.00	61.40	196.60	1818.23	1398.31	-1334.94	-416.21	1398.32	197.32	.38

Handwritten mark

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	
2610.00	61.90	196.50	1862.87	1481.03	-1414.24	-439.78	1481.04	197.27	.54
2704.00	60.90	197.10	1907.86	1563.55	-1493.24	-463.63	1563.56	197.25	1.20
2798.00	60.90	198.30	1953.58	1645.68	-1571.49	-488.60	1645.69	197.27	1.12
2890.00	58.60	198.10	1999.92	1725.14	-1646.98	-513.42	1725.15	197.31	2.51
2981.00	52.90	199.80	2051.12	1800.30	-1718.10	-537.80	1800.31	197.38	6.45
3075.00	47.90	198.90	2111.02	1872.67	-1786.41	-561.81	1872.67	197.46	5.37
3167.00	43.00	197.90	2175.54	1938.20	-1848.59	-582.52	1938.20	197.49	5.38
3262.00	37.40	197.70	2248.07	1999.49	-1906.95	-601.26	1999.49	197.50	5.90
3357.00	31.30	197.70	2326.47	2053.07	-1957.99	-617.55	2053.07	197.51	6.42
3451.00	25.40	197.70	2409.16	2097.69	-2000.50	-631.12	2097.69	197.51	6.28
3545.00	19.20	196.80	2496.09	2133.34	-2034.53	-641.72	2133.34	197.51	6.61
3638.00	13.30	199.10	2585.33	2159.35	-2059.30	-649.65	2159.35	197.51	6.38
3698.00	10.00	202.30	2644.09	2171.44	-2070.65	-653.89	2171.44	197.53	5.60
Projected to TD									
3760.00	6.59	202.30	2705.43	2180.35	-2078.92	-657.28	2180.35	197.55	5.50