

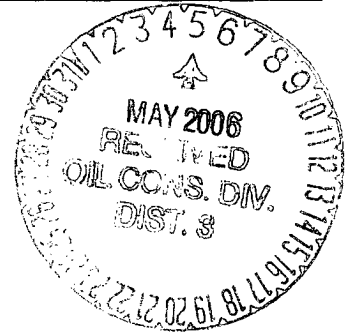
30-045-32409



Job Number: State/Country: New Mexico / USA
 Company: Devon Energy Production Co. Declination: 10.98°
 Lease/Well: NEBU #50E Grid:
 Location: San Juan County, Sec. 25-31N-8W File name: C:\CUST04\SURVEYS\DEVON\04235.SVY
 Rig Name: Date/Time: 09-Dec-04 / 10:14
 RKB: Curve Name:
 G.L. or M.S.L.: 6397'

Surf 1055/S 910/W
 BHL 1027/S 1625/W

INSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane .00
 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
332.00	.60	104.20	331.99	-.43	-.43	1.69	1.74	104.20	.18
424.00	2.80	83.90	423.95	-.31	-.31	4.39	4.40	93.99	2.44
515.00	5.60	92.50	514.70	-.26	-.26	11.03	11.04	91.37	3.15
607.00	8.40	90.60	606.00	-.53	-.53	22.24	22.25	91.36	3.05
701.00	11.30	92.30	698.61	-.97	-.97	38.31	38.32	91.45	3.10
797.00	12.60	91.40	792.52	-1.60	-1.60	58.18	58.20	91.58	1.37
891.00	12.40	90.50	884.30	-1.94	-1.94	78.52	78.54	91.42	.30
984.00	12.50	89.70	975.11	-1.98	-1.98	98.57	98.59	91.15	.21
1078.00	12.40	89.10	1066.90	-1.77	-1.77	118.83	118.85	90.85	.17
1172.00	12.40	89.30	1158.70	-1.48	-1.48	139.02	139.02	90.61	.05
1264.00	11.90	89.50	1248.64	-1.28	-1.28	158.38	158.38	90.46	.55
1355.00	12.00	88.00	1337.67	-.87	-.87	177.21	177.22	90.28	.36
1448.00	12.10	89.60	1428.62	-.46	-.46	196.62	196.62	90.13	.37
1540.00	12.00	89.50	1518.60	-.31	-.31	215.83	215.83	90.08	.11
1633.00	11.70	89.60	1609.61	-.16	-.16	234.93	234.93	90.04	.32
1726.00	11.50	90.20	1700.71	-.13	-.13	253.63	253.63	90.03	.25
1819.00	12.10	90.00	1791.75	-.16	-.16	272.64	272.64	90.03	.65
1911.00	11.80	90.50	1881.75	-.24	-.24	291.69	291.69	90.05	.34
2001.00	11.50	92.00	1969.90	-.64	-.64	309.86	309.86	90.12	.47
2096.00	12.00	91.30	2062.91	-1.19	-1.19	329.20	329.20	90.21	.55
2190.00	11.90	89.10	2154.87	-1.26	-1.26	348.66	348.66	90.21	.50
2284.00	11.80	89.20	2246.87	-.97	-.97	367.96	367.96	90.15	.11
2376.00	12.20	88.50	2336.86	-.59	-.59	387.08	387.08	90.09	.46

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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	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
2471.00	12.70	89.40	2429.63	-.22	-.22	407.56	407.56	90.03	.56
2566.00	12.50	90.40	2522.34	-.18	-.18	428.28	428.28	90.02	.31
2660.00	12.50	89.80	2614.11	-.21	-.21	448.63	448.63	90.03	.14
2753.00	12.70	90.80	2704.87	-.32	-.32	468.91	468.91	90.04	.32
2847.00	12.50	91.90	2796.61	-.80	-.80	489.41	489.41	90.09	.33
2940.00	12.50	91.40	2887.40	-1.38	-1.38	509.53	509.54	90.16	.12
3032.00	12.00	88.00	2977.31	-1.29	-1.29	529.04	529.05	90.14	.95
3123.00	10.50	89.90	3066.56	-.95	-.95	546.79	546.79	90.10	1.70
3216.00	9.40	86.10	3158.16	-.42	-.42	562.84	562.84	90.04	1.38
3310.00	8.70	91.40	3250.99	-.07	-.07	577.61	577.61	90.01	1.16
3404.00	6.80	91.00	3344.13	-.34	-.34	590.28	590.28	90.03	2.02
3497.00	3.60	86.40	3436.73	-.25	-.25	598.70	598.70	90.02	3.47
3558.00	1.50	103.70	3497.67	-.32	-.32	601.39	601.39	90.03	3.63
Projection to Bit									
3598.00	1.50	103.70	3537.65	-.57	-.57	602.41	602.41	90.05	.00
4000.00	1.50	103.70	3939.52	-3.06	-3.06	612.63	612.64	90.29	.00
5000.00	1.50	103.70	4939.17	-9.26	-9.26	638.06	638.13	90.83	.00
6000.00	1.50	103.70	5938.83	-15.46	-15.46	663.50	663.68	91.33	.00
7000.00	1.50	103.70	6938.49	-21.66	-21.66	688.93	689.27	91.80	.00
8000.00	1.50	103.70	7938.15	-27.86	-27.86	714.36	714.90	92.23	.00
Projection to TD 8053' MD									
8053.00	1.50	103.70	7991.13	-28.19	-28.19	715.71	716.26	92.26	.00

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