

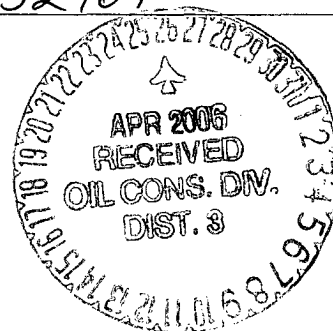


Job Number: State/Country: New Mexico / USA
 Company: Devon Energy Production Co. Declination: 10.98°
 Lease/Well: NEBU #50E Grid:
 Location: San Juan County, Sec. 25-31N-8W File name: C:\CUST04\SURVEYS\DEVON\04235.SVY
 Rig Name: Date/Time: 09-Dec-04 / 10:14
 RKB: Curve Name:
 G.L. or M.S.L.: 6397'

30-045-32409

Surface 1058/5 910/w
 Bhl 1027/5 1617/w

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane .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
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	CLOSURE		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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