



Job Number: 04151

Company: Devon Energy Corporation

Lease/Well: NEBU #482A

Location: San Juan County

Rig Name: D & J #2

RKB: ☐

G.L. or M.S.L.: ☐

State/Country: New Mexico

Declination: ☐

Grid: ☐

File name: C:\WINSERVE\04151.SVY

Date/Time: 28-Jan-04 / 08:56

Curve Name: AS Drilled

30-045-32019

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 158.88
 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
354.00	2.50	182.50	353.89	7.07	-7.71	-.34	7.72	182.50	.71
446.00	5.00	169.90	445.68	12.85	-13.67	.28	13.67	178.83	2.85
538.00	6.20	159.20	537.25	21.75	-22.26	2.75	22.43	172.97	1.72
628.00	8.10	163.00	626.54	32.94	-32.87	6.33	33.47	169.10	2.17
725.00	9.10	158.50	722.45	47.43	-46.54	11.14	47.85	166.54	1.24
819.00	12.20	157.90	814.82	64.79	-62.66	17.60	65.09	164.31	3.30
913.00	13.50	159.50	906.47	85.70	-82.14	25.18	85.91	162.96	1.43
1007.00	13.30	159.00	997.91	107.48	-102.51	32.90	107.66	162.21	.25
1100.00	13.00	160.70	1088.47	128.63	-122.37	40.19	128.80	161.82	.53
1193.00	13.50	160.20	1178.99	149.94	-142.46	47.32	150.11	161.63	.55
1286.00	13.50	155.60	1269.43	171.63	-162.56	55.48	171.77	161.15	1.15
1381.00	12.80	156.90	1361.93	193.22	-182.34	64.19	193.31	160.61	.80
1472.00	12.40	155.60	1450.74	213.05	-200.51	72.18	213.10	160.20	.54
1566.00	12.80	159.00	1542.48	233.54	-219.42	80.08	233.58	159.95	.90
1659.00	12.90	157.90	1633.15	254.22	-238.66	87.68	254.25	159.83	.28
1751.00	12.40	157.70	1722.92	274.36	-257.31	95.29	274.39	159.68	.55
1845.00	12.40	157.40	1814.72	294.54	-275.97	103.00	294.56	159.53	.07
1938.00	12.20	156.20	1905.59	314.34	-294.17	110.80	314.35	159.36	.35
2031.00	11.50	158.10	1996.61	333.43	-311.77	118.23	333.43	159.23	.86
2126.00	11.80	159.30	2089.65	352.61	-329.64	125.19	352.61	159.20	.41
2220.00	11.40	155.60	2181.73	371.49	-347.09	132.43	371.50	159.12	.90

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	
2315.00	10.60	157.00	2274.99	389.60	-363.69	139.72	389.60	158.98	.89
2409.00	11.00	158.80	2367.32	407.21	-380.01	146.34	407.21	158.94	.56
2503.00	10.00	156.00	2459.75	424.33	-395.82	152.91	424.33	158.88	1.19
2597.00	9.60	157.00	2552.37	440.31	-410.49	159.29	440.32	158.79	.46
2689.00	7.70	159.20	2643.32	454.15	-423.32	164.47	454.15	158.77	2.10
2782.00	5.50	158.60	2735.70	464.84	-433.29	168.31	464.84	158.77	2.37
2875.00	3.10	164.40	2828.43	471.80	-439.87	170.62	471.80	158.80	2.62
2969.00	.80	251.30	2922.38	474.30	-442.53	170.68	474.30	158.91	3.36
3061.00	1.00	228.60	3014.37	474.55	-443.26	169.47	474.55	159.08	.44
Projection To Bit									
3121.00	1.08	219.22	3074.36	475.01	-444.05	168.72	475.02	159.20	.31