



Job Number: 04172

Company: Devon Energy Corporation

Lease/Well: NEBU #438A

Location: San Juan County

Rig Name: D & J #1

RKB: ☐

G.L. or M.S.L.: 6363'

State/Country: New Mexico / USA

Declination: 10.90 East

Grid: ☐

File name: C:\WINSERVE\04172.SVY

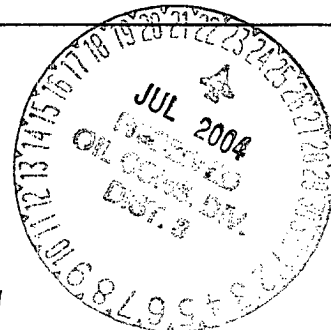
Date/Time: 15-May-04 / 21:15

Curve Name: As Drilled

30-045-32280

Surface:
BHL:

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 69.78
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
299.00	.20	70.10	299.00	.52	.18	.49	.52	70.10	.07
389.00	3.10	68.20	388.95	3.11	1.14	2.90	3.11	68.61	3.22
481.00	7.70	65.60	480.52	11.75	4.61	10.83	11.76	66.95	5.01
573.00	11.90	68.70	571.16	27.39	10.60	25.28	27.41	67.25	4.60
669.00	16.40	70.30	664.22	50.85	18.77	47.27	50.86	68.35	4.70
764.00	20.30	73.60	754.38	80.71	27.95	75.72	80.71	69.74	4.25
857.00	24.50	70.30	840.34	116.11	39.01	109.37	116.12	70.37	4.71
952.00	29.00	69.40	925.15	158.86	53.76	149.49	158.86	70.22	4.76
1046.00	33.10	69.60	1005.67	207.33	70.73	194.90	207.33	70.05	4.36
1140.00	34.30	68.60	1083.87	259.48	89.34	243.61	259.48	69.86	1.41
1233.00	34.30	68.30	1160.70	311.87	108.59	292.36	311.87	69.62	.18
1327.00	34.20	69.90	1238.40	364.77	127.46	341.78	364.77	69.55	.96
1421.00	34.50	69.50	1316.01	417.81	145.86	391.52	417.81	69.57	.40
1514.00	34.80	68.80	1392.51	470.68	164.68	440.93	470.69	69.52	.54
1608.00	34.40	69.40	1469.89	524.05	183.73	490.80	524.06	69.48	.56
1701.00	33.20	69.70	1547.17	575.79	201.81	539.27	575.79	69.48	1.30
1794.00	33.90	69.50	1624.67	627.18	219.72	587.45	627.19	69.49	.76
1889.00	32.10	71.10	1704.35	678.92	237.18	636.15	678.92	69.55	2.10
1982.00	31.90	70.40	1783.21	728.19	253.42	682.67	728.19	69.63	.45
2076.00	31.80	69.60	1863.06	777.79	270.39	729.28	777.80	69.66	.46
2171.00	33.00	68.80	1943.27	828.69	288.47	776.87	828.70	69.63	1.34

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	
2265.00	30.70	70.90	2023.12	878.29	305.58	823.41	878.29	69.64	2.72
2358.00	26.60	70.50	2104.71	922.86	320.31	865.49	922.86	69.69	4.41
2452.00	23.70	68.70	2189.79	962.80	334.20	902.94	962.80	69.69	3.19
2545.00	20.80	70.60	2275.86	998.01	346.47	935.94	998.01	69.69	3.21
2640.00	18.50	69.40	2365.32	1029.95	357.38	965.96	1029.95	69.70	2.46
2733.00	14.90	69.90	2454.38	1056.67	366.68	991.01	1056.67	69.69	3.87
2827.00	12.00	69.50	2545.80	1078.53	374.26	1011.51	1078.53	69.70	3.09
2920.00	8.60	74.70	2637.29	1095.13	379.48	1027.28	1095.13	69.73	3.79
3012.00	5.30	69.20	2728.60	1106.24	382.81	1037.89	1106.24	69.75	3.66
3107.00	1.30	60.70	2823.42	1111.69	384.89	1042.93	1111.69	69.74	4.23
3201.00	.40	164.80	2917.41	1112.71	385.10	1043.95	1112.71	69.75	1.54