



Job Number: 04165

Company: Devon Energy Production Co.

Lease/Well: NEBU #330

Location: San Juan County, Sec 27-31N-7W

Rig Name: D&J #1

RKB: ☐

G.L. or M.S.L.: 6310'

State/Country: New Mexico / USA

Declination: 10.92°

Grid: ☐

File name: C:\WINSERVE\04165.SVY

Date/Time: 15-Apr-04 / 04:57

Curve Name: As Drilled

30 045 32228

Surface: 2400/S 2260/W
B/H/C 1460/S 1960/W

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 214.29
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
300.00	.70	331.50	299.99	-.84	1.61	-.87	1.83	331.50	.23
385.00	1.60	225.10	384.98	.09	1.23	-1.96	2.32	302.05	2.26
487.00	4.10	215.30	486.85	5.14	-2.75	-5.08	5.78	241.54	2.49
579.00	6.90	212.40	578.41	13.95	-10.10	-9.94	14.18	224.54	3.06
675.00	10.60	214.70	673.28	28.55	-22.24	-18.06	28.65	219.08	3.87
768.00	11.90	216.70	764.49	46.68	-36.96	-28.66	46.77	217.79	1.46
860.00	11.90	216.50	854.52	65.64	-52.19	-39.97	65.74	217.45	.04
954.00	11.40	217.00	946.58	84.60	-67.40	-51.33	84.72	217.29	.54
1049.00	11.30	215.60	1039.72	103.28	-82.46	-62.40	103.41	217.11	.31
1141.00	11.40	215.60	1129.92	121.39	-97.19	-72.94	121.51	216.89	.11
1233.00	11.30	212.40	1220.12	139.48	-112.19	-83.06	139.59	216.51	.69
1327.00	11.00	213.10	1312.35	157.65	-127.48	-92.89	157.73	216.08	.35
1419.00	10.90	213.50	1402.67	175.13	-142.08	-102.48	175.19	215.80	.14
1513.00	11.10	213.10	1494.95	193.06	-157.08	-112.33	193.11	215.57	.23
1606.00	11.00	212.80	1586.22	210.88	-172.03	-122.03	210.92	215.35	.12
1699.00	11.20	214.40	1677.48	228.78	-186.94	-131.94	228.81	215.21	.39
1793.00	11.00	214.40	1769.72	246.88	-201.88	-142.16	246.91	215.15	.21
1888.00	10.90	214.40	1862.99	264.92	-216.76	-152.36	264.95	215.10	.11
1981.00	10.60	213.90	1954.36	282.27	-231.12	-162.09	282.30	215.04	.34
2076.00	10.80	213.30	2047.71	299.91	-245.81	-171.85	299.93	214.96	.24
2168.00	11.00	211.60	2138.05	317.29	-260.49	-181.19	317.31	214.82	.41

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	
2260.00	11.20	210.90	2228.33	334.98	-275.63	-190.37	334.99	214.63	.26
2351.00	11.20	216.10	2317.60	352.64	-290.36	-200.12	352.64	214.58	1.11
2445.00	11.10	216.70	2409.83	370.80	-304.99	-210.91	370.81	214.66	.16
2538.00	10.80	214.40	2501.13	388.46	-319.36	-221.18	388.47	214.71	.57
2630.00	10.70	212.30	2591.52	405.61	-333.69	-230.61	405.62	214.65	.44
2724.00	10.70	213.50	2683.88	423.06	-348.34	-240.09	423.07	214.58	.24
2818.00	10.50	218.60	2776.28	440.33	-362.31	-250.25	440.34	214.63	1.02
2912.00	10.00	219.00	2868.78	457.00	-375.35	-260.73	457.02	214.79	.54
3006.00	9.30	216.70	2961.45	472.73	-387.78	-270.41	472.75	214.89	.85
3101.00	8.40	215.10	3055.32	487.33	-399.61	-278.98	487.36	214.92	.98
3195.00	7.70	215.60	3148.39	500.49	-410.35	-286.60	500.53	214.93	.75
3288.00	7.70	203.50	3240.56	512.84	-421.13	-292.71	512.86	214.80	1.74
3379.00	6.10	199.30	3330.90	523.50	-431.29	-296.74	523.51	214.53	1.84
3473.00	2.90	206.30	3424.60	530.68	-438.13	-299.44	530.69	214.35	3.45
Projection To T.D.									
3528.00	1.60	204.00	3479.55	532.82	-440.08	-300.37	532.82	214.32	2.37