

October 21, 1997
10:47 am

PathTracker 4.0
Survey Calculation Program
K-JET INC. DIRECTIONAL SERVICES

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Customer: MOBIL E&P
WellName: N.V.A.U. # 278
Location: LEA CO., N.M.

Vertical Section Calculated on: 225.9000
Survey Calculation Method: Minimum Curvature
FileName: C:\PATHTRK\RM0B1.SR3

#	Depth Feet	Inc Degrees	Azimuth Degrees	TVD Feet	North Feet	East Feet	Section Feet	Dogleg /100f
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	100.00	0.19	235.36	100.00	-0.09	-0.14	0.16	0.19
2	200.00	0.12	255.48	200.00	-0.21	-0.37	0.42	0.09
3	300.00	0.08	188.17	300.00	-0.31	-0.49	0.56	0.12
4	400.00	0.20	341.13	400.00	-0.21	-0.55	0.55	0.27
5	500.00	0.04	112.96	500.00	-0.06	-0.58	0.46	0.23
6	600.00	0.07	158.87	600.00	-0.13	-0.52	0.47	0.05
7	700.00	0.16	341.93	700.00	-0.06	-0.54	0.43	0.23
8	800.00	0.10	193.75	800.00	-0.01	-0.61	0.44	0.25
9	900.00	0.10	168.41	900.00	-0.18	-0.61	0.56	0.04
10	1000.00	0.13	14.35	1000.00	-0.16	-0.56	0.51	0.22
11	1100.00	0.11	331.15	1100.00	0.04	-0.58	0.39	0.09
12	1200.00	0.24	234.82	1200.00	0.00	-0.80	0.57	0.27
13	1300.00	0.22	264.21	1300.00	-0.14	-1.16	0.93	0.12
14	1400.00	0.16	261.64	1400.00	-0.18	-1.49	1.19	0.06
15	1500.00	0.18	222.82	1500.00	-0.31	-1.74	1.47	0.11
16	1600.00	0.18	200.41	1600.00	-0.58	-1.90	1.76	0.07
17	1700.00	0.22	125.04	1700.00	-0.83	-1.80	1.87	0.25
18	1800.00	0.36	150.62	1799.99	-1.22	-1.48	1.91	0.19
19	1900.00	0.77	135.40	1899.99	-1.97	-0.86	1.99	0.43
20	2000.00	0.83	144.94	1999.98	-3.04	0.03	2.09	0.15
21	2100.00	0.94	146.41	2099.97	-4.32	0.90	2.36	0.11
22	2200.00	0.83	145.47	2199.96	-5.60	1.76	2.63	0.11
23	2300.00	0.75	142.44	2299.95	-6.71	2.57	2.82	0.09
24	2400.00	0.72	141.58	2399.94	-7.72	3.36	2.96	0.03
25	2500.00	0.54	136.39	2499.93	-8.56	4.08	3.03	0.19
26	2600.00	0.38	121.04	2599.93	-9.07	4.69	2.95	0.20
27	2700.00	0.35	103.44	2699.93	-9.31	5.27	2.70	0.12
28	2800.00	0.42	85.05	2799.92	-9.35	5.93	2.25	0.14
29	2900.00	0.48	84.24	2899.92	-9.28	6.71	1.64	0.06
30	3000.00	0.20	49.73	2999.92	-9.12	7.26	1.13	0.33
31	3100.00	0.22	52.76	3099.92	-8.89	7.55	0.77	0.02
32	3200.00	0.38	73.91	3199.92	-8.68	8.02	0.28	0.19
33	3300.00	0.33	99.76	3299.92	-8.64	8.62	-0.18	0.17
34	3400.00	0.22	61.17	3399.91	-8.60	9.07	-0.53	0.21