

ARCO PERMIAN
DINAH 23 FED COM NO. 1, slot #1
UNKNOWN, EDDY CO., NEW MEXICO

SURVEY LISTING Page 2
Your ref : SIDETRACK
Last revised : 1-Jul-96

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
2500.00	0.17	224.09	2499.76	2.29 S	0.22	-17.70
2600.00	0.57	309.44	2599.75	2.08 S	0.58	-17.49
2700.00	0.68	280.69	2699.75	1.66 S	0.33	-17.06
46.00	0.60	286.47	2745.74	1.54 S	0.22	-16.94
39.00	0.75	309.00	2938.73	0.45 S	0.16	-15.86
3196.00	0.75	264.00	3195.71	0.43 N	0.22	-14.98
3421.00	0.50	290.00	3420.70	0.61 N	0.17	-14.79
3678.00	1.00	294.00	3677.68	1.91 N	0.20	-13.50
3903.00	0.75	326.00	3902.65	3.93 N	0.24	-11.48
4128.00	0.50	348.00	4127.64	6.11 N	0.15	-9.30
4353.00	0.50	40.00	4352.63	7.82 N	0.19	-7.58
4545.00	0.50	15.00	4544.62	9.27 N	0.11	-6.13
4867.00	0.00	15.00	4866.62	10.63 N	0.16	-4.78
5023.00	0.00	15.00	5022.62	10.63 N	0.00	-4.78
5382.00	0.50	217.00	5381.61	9.38 N	0.14	-6.03
5639.00	0.75	163.00	5638.60	6.87 N	0.24	-8.53
5865.00	0.75	120.00	5864.58	4.72 N	0.24	-10.69
6090.00	0.75	169.00	6089.57	2.54 N	0.28	-12.87
15.00	1.00	167.00	6314.54	0.82 S	0.11	-16.23
39.00	1.25	155.00	6538.50	4.94 S	0.15	-20.35
6764.00	1.00	151.00	6763.45	8.88 S	0.12	-24.29
6989.00	1.75	175.00	6988.39	14.02 S	0.41	-29.43
7214.00	1.00	194.00	7213.32	19.35 S	0.39	-34.75
7439.00	1.00	159.00	7438.29	23.09 S	0.27	-38.49
7696.00	1.25	183.00	7695.24	27.98 S	0.21	-43.39

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from wellhead.
Bottom hole distance is 11.46 on azimuth 328.42 degrees from wellhead.
Vertical section is from N 15.40 E 4.74 on azimuth 0.00 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ