

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

SURVEY LISTING Page 3
 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	PROJECTION TO CURRENT TD
7922.00	1.75	199.00	7921.17	33.71 S	37.01 W	0.29	-49.11
8147.00	2.00	149.00	8146.06	40.32 S	36.10 W	0.71	-55.72
8373.00	1.25	135.00	8371.97	45.44 S	32.33 W	0.37	-60.85
98.00	1.75	145.00	8596.89	49.99 S	28.62 W	0.25	-65.40
25.00	2.00	263.00	8823.83	53.32 S	30.57 W	1.42	-68.72
9050.00	1.75	145.00	9048.77	56.61 S	32.49 W	1.43	-72.01
9271.00	2.00	168.00	9269.65	63.15 S	29.76 W	0.36	-78.55
9525.00	1.75	169.00	9523.51	71.29 S	28.09 W	0.10	-86.69
9600.00	1.75	170.41	9598.48	73.54 S	27.68 W	0.06	-88.95
9614.00	1.70	161.00	9612.47	73.95 S	27.58 W	2.05	-89.35
9642.00	2.00	162.60	9640.46	74.81 S	27.30 W	1.09	-90.21
9664.00	1.00	160.50	9662.45	75.36 S	27.12 W	4.55	-90.76
9694.00	1.20	45.90	9692.45	75.38 S	26.81 W	6.18	-90.79
9725.00	4.50	22.00	9723.41	74.03 S	26.12 W	11.09	-89.43
9757.00	8.10	18.60	9755.21	70.73 S	24.93 W	11.31	-86.13
9803.00	11.98	7.78	9800.50	62.92 S	23.25 W	9.35	-78.32
9823.00	13.75	5.00	9819.99	58.50 S	22.76 W	9.35	-73.90
10041.00	9.25	16.00	10033.59	15.82 S	15.67 W	2.29	-31.22
10759.00	5.25	29.00	10249.82	9.76 N	6.00 W	1.97	-5.64

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