

DIG INC.

YATES PETROLEUM CORP.
AMARANTH AMC FED. #1
EDDY COUNTY, N.M.

Calculated by Minimum Curvature Method
Vert Sect Plane: S 18.69 W

- RECORD OF SURVEY -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)	VERTICAL SECTION (FT)	C L O S U R E DISTANCE (FT)	DIRECTION (DEG)	DOGLEG SEVERITY (DG/100')
12357.00	16.50	S 3.00 W	94.00	11845.51	2214.37 S 746.34 W	2336.76	2336.76	S 18.63 W	0.61
12451.00	16.75	S 5.00 W	94.00	11935.59	2241.19 S 748.22 W	2362.77	2362.79	S 18.46 W	0.66
12544.00	16.50	S 5.00 W	93.00	12024.70	2267.70 S 750.54 W	2388.62	2388.68	S 18.31 W	0.27
12638.00	16.75	S 7.00 W	94.00	12114.77	2294.44 S 753.35 W	2414.86	2414.96	S 18.18 W	0.66
12732.00	17.00	S 8.00 W	94.00	12204.72	2321.49 S 756.92 W	2441.63	2441.77	S 18.06 W	0.41
12826.00	17.25	S 8.00 W	94.00	12294.55	2348.90 S 760.77 W	2468.82	2469.03	S 17.95 W	0.27
12919.00	17.00	S 10.00 W	93.00	12383.43	2375.95 S 765.05 W	2495.81	2496.08	S 17.85 W	0.69
13013.00	17.00	S 10.00 W	94.00	12473.32	2403.01 S 769.82 W	2522.98	2523.31	S 17.76 W	0.00
13076.00	17.50	S 11.00 W	63.00	12533.49	2421.38 S 773.23 W	2541.47	2541.84	S 17.71 W	0.92
13102.00	17.50	S 11.00 W	26.00	12558.29	2429.06 S 774.72 W	2549.22	2549.61	S 17.69 W	0.00

Survey Ref: Well Head Closure Ref: Well Head Vert Sect Ref: Well Head
Mon Jun 07 1993 13:48:38

File: YATESAMA.DAT