

OXY USA INC.
VILLA A NO. 1,
NORTH LOVING, EDDY CO., NEW MEXICO

SURVEY LISTING Page 6
Your ref : MWD / EMS
Last revised : 22-Sep-97

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
12347.00	2.20	287.38	12121.20	83.52 S 1154.09 E	0.77	1154.09
12443.00	2.20	269.51	12217.13	82.99 S 1150.49 E	0.71	1150.49
12539.00	1.20	229.38	12313.09	83.66 S 1147.89 E	1.56	1147.89
12635.00	0.80	183.49	12409.08	84.98 S 1147.08 E	0.90	1147.08

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 1150.22 on azimuth 94.24 degrees from wellhead.
Vertical section is from N 0.00 E 0.00 on azimuth 90.00 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ