

PETROLEUM DEVELOPMENT CORPORATION
STRANGE FEDERAL #2,#2
TOM TOM, CHAVES COUNTY, NEW MEXICO

SURVEY LISTING Page 5
Your ref :
Last revised : 23-Nov-93

				Comments in wellpath =====
MD	TVD	Rectangular Coords.		Comment
3950.00	3949.92	12.33 N	6.97 E	GYRO F/ SURFACE
3998.00	3997.92	12.86 N	6.54 E	KICKOFF W/ 40' RADIUS MOTOR
4010.00	4009.90	13.43 N	6.18 E	GIH W/ 64' SRAB MOTOR
4122.00	4083.01	77.97 N	24.67 E	GIH W/ ANGLE HOLE MOTOR
4641.00	4083.68	437.74 N	383.34 E	TOH F/ MOTOR CHANGE
4847.00	4086.16	546.90 N	555.70 E	POH DUE TO RIG ENGINE FAILURE.
4849.00	4086.14	547.62 N	557.57 E	POH AFTER HARD REAMING
5204.00	4096.27	807.45 N	783.96 E	PROJECTED F/ PREVIOUS SURVEY

All data is in feet unless otherwise stated
Coordinates from structure and TVD from wellhead.
Bottom hole distance is 1125.42 on azimuth 44.15 degrees from wellhead.
Vertical section is from wellhead on azimuth 45.00 degrees.
Declination is 0.00 degrees, Convergence is 0.00 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ