

PETROLEUM DEVELOPMENT CORPORATION  
STRANGE FEDERAL #4, slot #1  
TOM TOM, CHAVES COUNTY, NEW MEXICO

SURVEY LISTING Page 5  
Your ref :  
Last revised : 21-Jun-93

MD	TVD	Rectangular	Coords.	Comments in wellpath
				Comment
3984.00	3983.89	18.02 S	1.50 E	GYRO SURVEY F/ SURFACE
4007.00	4006.89	17.94 S	1.47 E	KOP W/ SRAB ASSEMBLY
4770.00	4076.23	407.18 N	549.08 W	PROJECTED F/ PREVIOUS SURVEY

All data is in feet unless otherwise stated  
Coordinates from structure and TVD from wellhead.  
Bottom hole distance is 683.58 on azimuth 306.56 degrees from wellhead.  
Vertical section is from wellhead on azimuth 270.00 degrees.  
Declination is 0.00 degrees, Convergence is 0.00 degrees.  
Calculation uses the minimum curvature method.  
Presented by Eastman Teleco