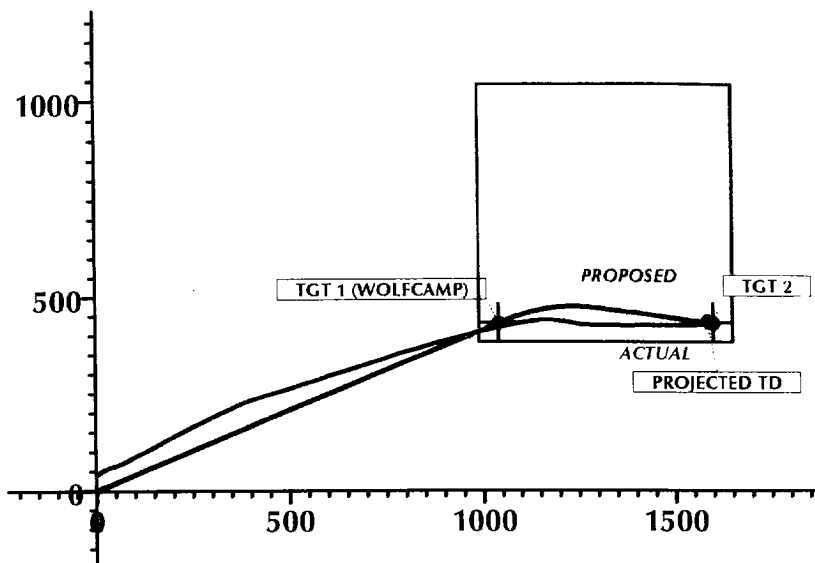


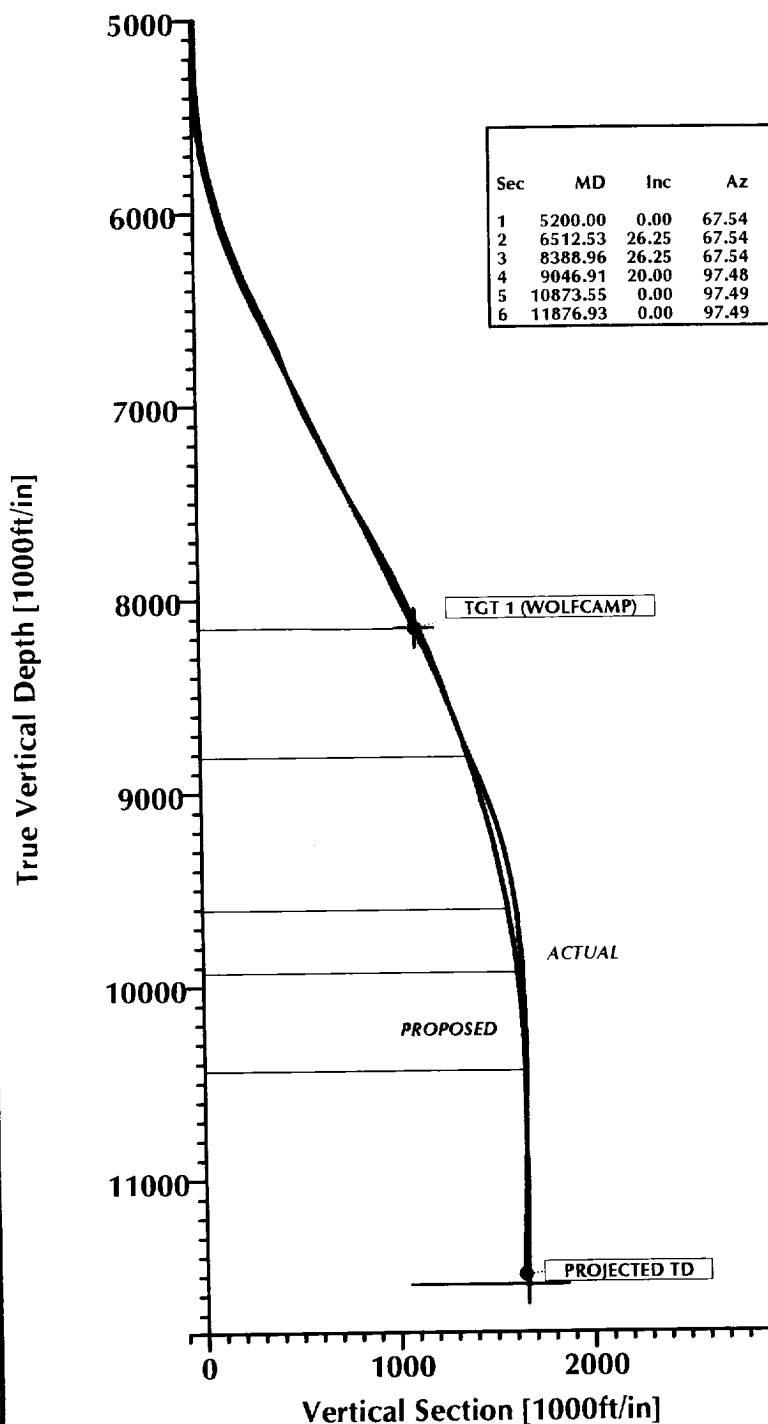


LOUIS DREYFUS NATURAL GAS
McGRUDER "13" FED COM #1
Eddy County, New Mexico

South(-)/North(+) [500ft/in]



West(-)/East(+) [500ft/in]



SECTION DETAILS - PROPOSED

Sec	MD	Inc	Az	TVD	N/S	E/W	DLeg	TFace	VSec	Target
1	5200.00	0.00	67.54	5200.00	0.00	0.00	0.00	0.00	0.00	
2	6512.53	26.25	67.54	6467.09	112.89	273.03	2.00	0.00	292.97	
3	8388.96	26.25	67.54	8150.00	430.00	1040.00	0.00	0.00	1115.96	TGT 1 (WOLFCAMP)
4	9046.91	20.00	97.48	8756.84	471.12	1287.10	2.00	131.27	1365.26	
5	10873.55	0.00	97.49	10546.62	430.01	1600.00	1.09	180.00	1656.78	
6	11876.93	0.00	97.49	11550.00	430.00	1600.00	0.00	0.00	1656.77	TGT 2



PLANE OF VERTICAL SECTION 74.96°
 North Relative to TRUE
 Magnetic Declination: 10.0°

TARGET DETAILS - PROPOSED

No.	TVD	N/S	E/W	Target
1	8150.00	430.00	1040.00	TGT 1 (WOLFCAMP)
2	11550.00	430.00	1600.00	TGT 2/PBHL

FORMATION DETAILS

No.	MD	TVD	N/S	E/W	Target
1	8389.0	8150.0	430.0	1040.0	WOLFCAMP
2	9107.6	8814.0	468.5	1307.4	PENN
3	9925.8	9604.0	441.2	1515.1	STRAWN
4	10253.5	9928.0	434.8	1563.6	ATOKA
5	10764.9	10438.0	430.2	1598.9	MARROW

