

ATTACHMENT - New Mex "Q" #1

TOTCO

DEVIATION SURVEY

<u>Depth</u>	<u>Degrees Off Vertical</u>
500	1 1/2
1300	1/2
2260	1 1/4
2500	1 1/2
3170	1
3280	3/4
3837	1/4

DRILL STEM TESTS

None

CORES

#	From	To	Rec.	Description
1	3882	3911	26'	Anhydrite & dolomite & thin sand streaks - very slight bleeding oil from sand, 3906-3907, fair strain - good odor.
2	3911	3934	23'	Sand & Anhydrite with thin shale streaks, show of oil throughout.
3	3937	3981	42'	Top 8 ft. dolomite with trace of stain, 8 ft. sand with good stain & fluorescence. 13 ft. dolomite with scattered streaks of strain. 3 ft. sand with spotted stain & fluorescence. 3 ft. dolomite, no shows, 1 1/2 ft. dolomite with good stain fluorescence & porosity. 5 1/2 ft. dolomite, no shows, bottom 2 ft. lost.
4	3982	4032	50'	Sand & dolomite w/show of oil & fair porosity, 3982 to 3984, 3986-3992, 3994-3995, 4002-4007, 4008-4010, 4010-4032.
5	4033	4070	36'	Sand & dolomite 4033 to 4037, 4 ft. dolomite trace stain & fluorescence, no porosity, 4037-4031, 4 ft. sand, tight, shaley trace of stain & fluorescence, 4062-4069, 7 ft. dolomite trace stain & fluorescence - no porosity, 4069-4070, 1 ft. lost.

ACIDIZING OR OTHER COMPLETION OPERATION

2/17/57 Cardinal acidized perforations 3941-3956, w/1000 gal. 15% Reg., TP: 2500-3600-2600#, Injection rate 1.33 BPM - 5 min. SIP = 2300#.