

Attachment: New Mex "Q" #4

Totco Deviation Survey

<u>Depth</u>	<u>Degree off Vertical</u>
2000	1
2618	3/4
2790	3/4
3190	1/2
3385	1/4
3735	3/4

Drill Stem Tests

None

Core Record

<u>No.</u>	<u>From</u>	<u>To</u>	<u>Recovered</u>	<u>Description</u>
1	3960	3966	5'	Cut 6' recovered 5'. 3960-3961, Sand, light stain & odor. 3961-3964, Dolomite, no show. 3964-3965, 1' Sand, no show. 3965-3966, lost.
2	3966	4021	55'	3966-3968, 2' Dolomite, poor show. 3968-3970-1/2, 2-1/2' Sand, poor show. 3970-1/2-3972, 1-1/2' Dolomite, good stain, odor & fluorescence. 3972-3975, 3' Sand, no show. 3975-3985, 10' Dolomite, poor show, light stain. 3985-3996, 11' Sand, good odor, stain, slight bleeding oil. 3996-4005, 9' Dolomite, poor show. 4005-4021, 16' Sand, poor show.

Acidizing or other completion Operation

7-14-57 Cardinal Chemical Company sand-oil frac perforations 3985-4004 w/20,000 gals oil & 20,000# sand + 500 gals acid. Maximum pressure 3600-4200#. Injection rate 8.6 barrels per minute, 5 minutes. Shut-in pressure 3000#. CP 2000#, TP 50#. Flow 313 barrels load oil.

1900

1901

1902

1903

1904

1905

1906

1907

1908

1909

1910

1911

1912

1913