

## HOLE PROGNOSIS

### APPLICATION FOR PERMIT TO RE-ENTER

Strata Production Company  
Cuervo Federal #1  
Formerly  
Mobil Prod. TX & NM, Tristi Draw Fed #1  
1980' FSL & 1980' FEL  
Sec. 14, T23S, R32E

In conjunction with form 3160-5, Sundry Notices and Reports on Wells, Strata Production Company submits the following items or pertinent information in accordance with Onshore Oil and Gas Order Nos. 1 & 2, and with all other applicable federal and state regulations.

1. The Geologic surface formation is sandy loam.
2. Previously reported geologic markers are as follows:

Sant Rosa	670'	Bone Springs	8650'
Rustler	1220'	Morrow	15750
Delaware	4990		
Brushey Canyon	7150'		

3. The estimated depths at which water, oil or gas formations are expected to be encountered:

Water	None
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4. Casing Program: (See Exhibit A)

#### EXISTING CASING:

13 3/8" 54.5# casing is set at 610' with 730 sx cement circulated.

10 3/4" 45.5# casing is set at 4953' with 2230 sx cement circulated

7 5/8" 29.7# casing is set at 12470' and cemented with 875 sx of cement. Estimated top of cement is at 6974'. Before the well was P & A'd the 7 5/8" casing was perforated at 5053-5054' and 100 sx of cement were squeezed into backside with a cement retainer at 4972'.

5" 15# liner set from 7383' to TD (15960') which was cemented with 660 sx.