

DUPLICATE

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OCT 15 1945
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GEOLOGICAL AND PRODUCTION DATA
ON

Neville G. Penrose, Inc.,
#1 Penrose
C-SE $\frac{1}{4}$ NW $\frac{1}{4}$ section 9-22S-37E
Lea County, N.M.

Elevation 3429'. Total depth 8370'
plugged back to 8159'
Spudded February 14, 1945
Completed drilling Aug. 6, 1945

CASING RECORD

13-3/8" - 1172' - 1300 sacks
9-5/8" - 4142' - 750 sacks
7" - 8224' - 1100 sacks

2" tubing 8088' with bottom of 6 foot perforated
section at 8057'

FORMATION RECORD

Top Rustler Anhydrite	1137'	
Base salt	2440'	
Top Yates	2600'	
Brown Lime	2730'	
Penrose Sand	3451'	
Grayburg Dolomite	3593'	
San Andres Dolomite	3870'	
Glorietta	5060'	
Top Clear Fork	5480'	
Tubbs Sand	6050'	
Base Permian	7180'	(Top of Detrital)
Simpson Shale	7205'	
Ellenberger	7950'	
Top Granite Wash	8209'	

DRILL STEM TESTS

- (1) 3446'-3604' - Tool open 50 minutes - $\frac{1}{2}$ BH choke
Recovered 13 stands salty drilling mud.
390# flowing pressure; 480# 20 minute shut in
press.
- (2) 3946'-4065' - Tool open 25 min. - 1/2" B.H. choke
No air or gas showed at surface
Recovered 4 stands drl'g. mud. No oil or gas.