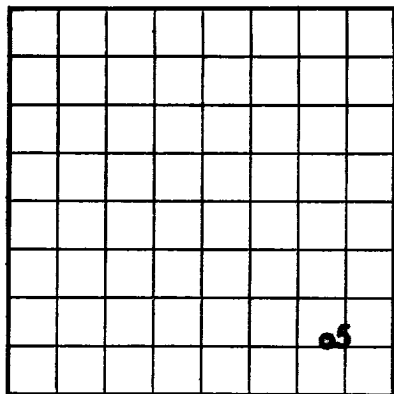


Form 9-380



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Neville G. Penrose, Inc. Address 1813 Fair Bldg., Ft. Worth, Tex.
Lessor or Tract Union Federal Field Dickey-Queen State New Mexico
Well No. 5 Sec. 15 T. 14-S R. 31-E Meridian NMPM County Chaves
Location 660 ft. N. of S Line and 990 ft. XX of E Line of Section 15 Elevation 4417 gl
XX (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed John G. Penrose Title Engineer
Date April 9, 1955

The summary on this page is for the condition of the well at above date.
Commenced drilling March 7, 1955 Finished drilling March 31, 1955

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3086 to 3090 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>12-3/4</u>	<u>45.5</u>	<u>10</u>	<u>244</u>	<u>244</u>	<u>1000</u>	<u>1000</u>			<u>Surface</u>
<u>8-5/8</u>	<u>28</u>	<u>8</u>	<u>1399</u>	<u>1399</u>	<u>1000</u>	<u>1000</u>			<u>Production</u>
<u>7</u>	<u>20</u>	<u>8</u>	<u>3085</u>	<u>3085</u>	<u>1000</u>	<u>1000</u>			<u>Production</u>
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>12-3/4</u>	<u>246</u>	<u>250</u>	<u>Circulation</u>	<u>-</u>	<u>-</u>
<u>8-5/8</u>	<u>1399</u>	<u>-</u>	<u>mud</u>	<u>-</u>	<u>pulled</u>
<u>7</u>	<u>3085</u>	<u>100</u>	<u>Parkins Plug</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from Surface feet to 1399 feet, and from _____ feet to _____ feet
Cable tools were used from 1399 feet to 1000 feet, and from _____ feet to _____ feet

DATES

Put to producing April, 1955
The production for the first 24 hours was 80 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Cactus Drilling Co., Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>210</u>	<u>210</u>	<u>Sand and shale</u>
<u>210</u>	<u>240</u>	<u>30</u>	<u>Sandy shale</u>
<u>2 40</u>	<u>1383</u>	<u>1143</u>	<u>Red Beds</u>
<u>1383</u>	<u>1507</u>	<u>124</u>	<u>Anhydrite</u>
<u>1507</u>	<u>2158</u>	<u>651</u>	<u>Salt</u>
<u>2158</u>	<u>2310</u>	<u>152</u>	<u>Anhydrite</u>
<u>2310</u>	<u>2440</u>	<u>130</u>	<u>Sand and shale</u>
<u>2440</u>	<u>3086</u>	<u>646</u>	<u>Anhydrite with salt and shale</u>
<u>3086</u>	<u>3090</u>	<u>4</u>	<u>Sand (Oil Pay)</u>
LEW—	LO—	LOLYT EEL	LOKITION

FORMATION RECORD—Continued

