



O. C. C.

Las Cruces  
U. S. LAND OFFICE  
SERIAL NUMBER **070337**  
LEASE OR PERMIT TO PROSPECT

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 Building, Ft. Worth, Texas**  
Lessor or Tract **Philmex** Field **Drickey - Green** State **New Mexico**  
Well No. **3** Sec. **10** T. **14S** R. **31E** Meridian **NMPM** County **Chaves**  
Location **1980** ft. **N** of **S** Line and **660** ft. **E** of **W** Line of **Section 10** Elevation **4233 DF**  
(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.

Date **6-18-54**

Signed *John P. McNaughton*  
**John P. McNaughton**  
Title **Engineer**

The summary on this page is for the condition of the well at above date.

Commenced drilling **May 14**, 19**54** Finished drilling **June 5**, 19**54**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2842** to **2858** 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—	
<b>8-5/8"</b>	<b>284</b>	<b>8 Rd.</b>	<b>-</b>	<b>1254</b>	<b>Larkin</b>	<b>all</b>			<b>Protection</b>
<b>5-1/2"</b>	<b>147</b>	<b>8 Rd.</b>	<b>-</b>	<b>2838</b>	<b>"</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>Production</b>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<b>8-5/8"</b>	<b>1254'</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>5-1/2"</b>	<b>2838'</b>	<b>275</b>	<b>Perkins Plug and Halliburton</b>	<b>DV tool</b>	

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 **0** feet to **1254** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from **1254** feet to **2858** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

**June 28**, 19**54** Put to producing **June 26**, 19**54**

The production for the first 24 hours was **78** 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 Company**, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<b>0</b>	<b>1254</b>	<b>1254</b>	<b>Red Beds</b>
<b>1254</b>	<b>1304</b>	<b>48</b>	<b>Anhydrite</b>
<b>1304</b>	<b>1916</b>	<b>612</b>	<b>Salt</b>
<b>1916</b>	<b>2072</b>	<b>156</b>	<b>Anhydrite and salt</b>
<b>2072</b>	<b>2197</b>	<b>225</b>	<b>Sand</b>
<b>2197</b>	<b>2841</b>	<b>644</b>	<b>Anhydrite w/thin beds salt and sand</b>
<b>2841</b>	<b>2858</b>	<b>17</b>	<b>Oil sand</b>

FOLD MARK

