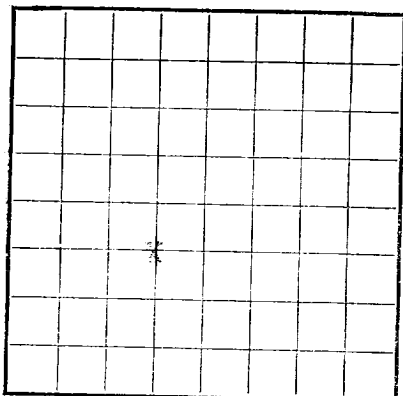


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 066281 A
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Co Address Box 67, Union, New Mexico
Lessor or Tract Russell Federal 19 Field North Mason State New Mexico
Well No. 2 Sec. 19 T. 24 R. 32 Meridian 100M County Santa Fe
Location 1282 ft. (N.) of S Line and 128 ft. (E.) of W Line of Section 19 Elevation 3182'
(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 _____

Date June 27, 1956Title District Superintendent

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

Commenced drilling 5-9, 19 56 Finished drilling 5-31, 19 56

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4300' to 4310' 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>3 5/8</u>	<u>26</u>	<u>8</u>	<u>3-22</u>	<u>1000</u>	<u>Guide</u>				
<u>5 1/2</u>	<u>44</u>	<u>8</u>	<u>3-22</u>	<u>4224</u>	<u>Fuller</u>		<u>4300</u>	<u>4310</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>3 5/8</u>	<u>1015</u>	<u>350</u>	<u>BRIDGE PLUG</u>		
<u>5 1/2</u>	<u>415</u>	<u>250</u>	<u>BRIDGE 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 0 feet to 4321 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 5-15, 19 56

The production for the first 24 hours was 17 barrels of fluid of which 17 % was oil; — % emulsion; 43 % 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

W. J. Hunter, Driller G. V. Grant, Driller
C. H. Brown, Driller A. D. Jennings, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1137</u>	<u>1137</u>	<u>Bedrock</u>
<u>1137</u>	<u>2945</u>	<u>1758</u>	<u>Anhydrite, Gt</u>
<u>2945</u>	<u>4020</u>	<u>1075</u>	<u>Anhydrite, Lime, Salt</u>
<u>4020</u>	<u>4081</u>	<u>201</u>	<u>Anhydrite, Limestone</u>
<u>4081</u>	<u>4321</u>	<u>37</u>	<u>Sand</u>

Top sand 4321', top 4310', top 10', elev 3182'. Top Delaware Sand 4300-4310'. Casing point 5 1/2" set at 4310'. Perf 4300-4310'. IP pumped 37 bbls 600 gravity oil, 21 bbls water in 12 hours. Daily potential 74 bbls oil w/0.46 MCF gas, per 130.5. Estimated daily allowable 39 bbls oil. Treated w/500 gals acid. Geological tops: Rustler 1137', Base Salt 4020', Top Delaware Lime 4243', Top Delaware Sand 4081', correlation point. Drilling started 5-9-56, completed 5-31-56. Tested 6-18-56.

