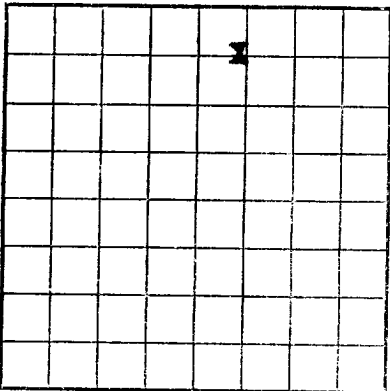


U. S. LAND OFFICE **Las Cruces**
 SERIAL NUMBER **031620 (b)**
 LEASE OR PERMIT TO PROSPECT **Lease**



LOCATE WELL CORRECTLY

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Continental Oil Company** Address **Box 427, Hobbs, New Mexico**
 Lessor or Tract **SEU-Skaggs B-24** Field **Skaggs** State **New Mexico**
 Well No. **2** Sec. **24** T. **20S** R. **37E** Meridian **N.M.P.M.** County **Lea**
 Location **660** ft. **EX** of **N** Line and **1980** ft. **EX** of **E** Line of **Section 24** Elevation **3550**
(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 *[Signature]*
 Date **December 21, 1951** Title **District Superintendent**

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

Commenced drilling **October 23**, 19**51** Finished drilling **November 12**, 19**51**

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

No. 1, from **3810** to **3910** 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—	
10 3/4	32.75	10V	T&C	271	Guide shoe				
5 1/2	14	8R	H-40	7	G. shoe and P. collar				
5 1/2	14	8R	J-55	421					
5 1/2	15.5	8R	J-55	288					
5 1/2	14	8R	J-55	3050					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	275	250	Pump & Plug		
5 1/2	3739	1554	Pump & Plug		

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
		Nitro	253 qts.	11-16-51	3810-3910	3920

TOOLS USED

Rotary tools were used from **0** feet to **3740** feet, and from _____ feet to _____ feet
~~Rotary~~ tools were used from **3740** feet to **3920** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **November 25**, 19**51**

The production for the first 24 hours was **30** 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

J. F. Holly Driller **W. A. Webb** Driller
L. D. Barnes Driller _____ Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1360	1360	Redbeds.
1360	1490	130	Anhydrite.
1490	2520	1030	Salt.
2520	2840	320	Anhydrite and Shale.
2840	2917	77	Dolomite and Anhydrite.
2917	3660	743	Anhydrite and Shale.
3660	3750	90	Sand and Anhydrite.
3750	3920	170	Dolomite.

Drilled to 3740'. Set 5 1/2" casing at 3739'. Moved in reverse rig and drilled to total depth 3920'. After recovering oil load, swabbed 56 bbls. oil, no water. Last 4 hours, swabbed 3 bbls. oil per hour. Shot interval 3810-3910' with 253 quarts Nitroglycerine. Cleaned out to total depth. After recovering oil load, swabbed 41 bbls. oil in 15 hours. Well shut in 8 hours to pressure up. Opened well kicked off and flowed 27 bbls. oil, no water in 15 hours, thru 1 1/4" choke, with 60.1 MCF gas per day, GOR 1391. TP 275#. CP 425#. Flowed 30 bbls. oil, no water, in 24 hours thru 1 1/4" choke, 60.1 MCF. GOR 1925. TP 250#. CP 450#. Pressure dropped to zero on 20/64" choke in 2 hours 15 minutes. On initial potential flowed 30 bbls. of 35 deg. gravity oil, no water, 24 hours thru 1 1/4" choke on 2" tubing. Gas volume 60 MCF per day. GOR 2,000. CP 300#. TP 175#. 2" tubing set at 3890'.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

16-43004-1

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