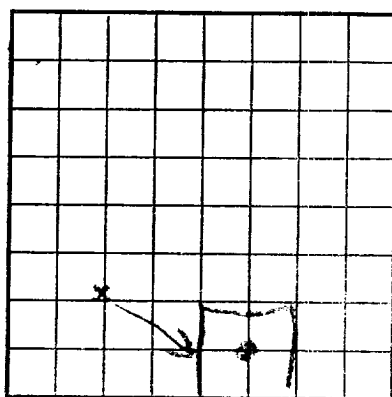


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 031741 (b)
LEASE OR PERMIT TO PROSPECT LFU

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 A. C. Hawk 1-48 No. 1 Field Drickman State New Mexico
Well No. 3 Sec. 8 T. 23S R. 31W Meridian REPM County Lea
Location 660 ft. N. of 8 Line and 1900 ft. NE of 3 Line of Sec. 8 Elevation 3511
(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 December 11, 1952Signed J. R. Chattermill
Title Asst. District Superintendent

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

Commenced drilling September 4, 1952 Finished drilling October 12, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6628 to 6652 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—	
13 5/8 40		8	ILCO	221.17	Guide				
9 5/8 35		8	ILCO	2355.41	Guide shoe & float collar				
9 5/8 32.3		8	ILCO	197.16					
9 5/8 40		8	ILCO	55.35					
7 1/2 25		8	ILCO	164.20					
7 1/2 25		8	ILCO	78.75			6628'	6651'	Production
7 1/2 25		8	ILCO	122.33					
7 1/2 25		8	ILCO	122.33					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 5/8 40	236	260	Pump & plug		
9 5/8 35	336	320	Pump & plug		
9 5/8 32.3	336	320	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

TOOLS USED

Rotary tools were used from _____ feet to 6722 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing October 12, 1952The production for the first 24 hours was 186 barrels of fluid of which 97 % was oil; _____ %
emulsion; 3 % water; and _____ % sediment. Gravity, °Bé. 400

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1300	1300	Red beds
1300	1450	1450	Schistose and red shales
1450	2520	2520	Salt
2520	2820	300	Schistose and red shales
2820	5070	2250	Schistose and red shales
5070	5940	870	Schistose and red shales
5940	6645	705	Schistose and red shales
6645	6722	77	Schistose and red shales

RPT No. 1, 5628' - 5940', Shallow formation. Test open 1 hour. Light blow of air for 22 minutes. Recovered 10' of drilling mud, no oil and water.

RPT No. 2, 6280' - 6645', Tube formation. Test open 1 hour. Slight blow of air through sub test, recovered 10' of drilling mud, no oil or gas. Hydrostatic pressure 3525#, 15 minutes SI BHP zero. Flowing pressure 100-150#.

Drilled to total depth of 6722'. Plugged back total depth 6651'. On initial potential flowed 49 barrels of 40 degree gravity oil and 1.5 barrel water in 6 hours thru 3/4" choke on 2" tubing for a daily potential of 186 barrels oil and 6 bbls. water. Gas volume 85.3 MCF per day. GOR 435. SP packer at 6596'. TP 464'. Well was not shot. Well was acidized with 1,000 gallons from 6628' to 6651'.

RECEIVED 1971 JUL 10 10 40 AM
U.S. DEPARTMENT OF JUSTICE

7259 640 501 86 10 001

19.4.9

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 billing.

HISTORY OF OIL OR GAS WELL

16-42094-1 U. S. GOVERNMENT PRINTING OFFICE

[illegible]