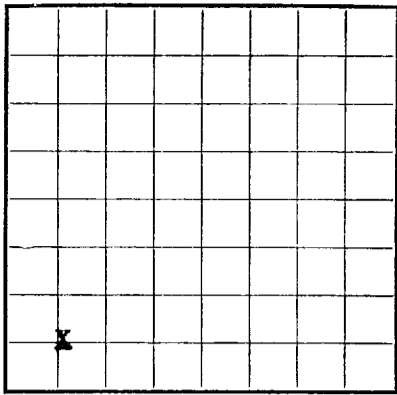


U. S. LAND OFFICE Las Cruces
 SERIAL NUMBER LC 031620 (b)
 LEASE OR PERMIT TO PROSPECT NMFV



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 SMU-Skaggs B-13 Field Skaggs State New Mexico
 Well No. 5 Sec. 13 T. 20S R. 37E Meridian NMPM County Lea
 Location 660 ft. [N.] of S Line and 660 ft. [E.] of W Line of Section 13 Elevation 3552
(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 March 20, 1954 Title District Superintendent

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

Commenced drilling April 20, 1954 Finished drilling March 21, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3770 to 3892 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>8 5/8</u>	<u>24</u>	<u>8 rd</u>	<u>J-55</u>	<u>267.00</u>	<u>Guide Shoe</u>				
<u>5 1/2</u>	<u>19.5</u>	<u>8 rd</u>	<u>J-55</u>	<u>200.00</u>	<u>Open End</u>				
<u>5 1/2</u>	<u>19.5</u>	<u>8 rd</u>	<u>J-55</u>	<u>200.00</u>	<u>Open End</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8</u>	<u>275</u>	<u>175</u>	<u>Pump and plug</u>		
<u>5 1/2</u>	<u>3770</u>	<u>941</u>	<u>Pump and 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 3892 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing March 23, 1954
 The production for the first 24 hours was 234 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 37°
 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 J. W. Ellis, Driller
 _____, Driller L. W. Watts, Driller
 _____, Driller G. E. Kelton, Driller

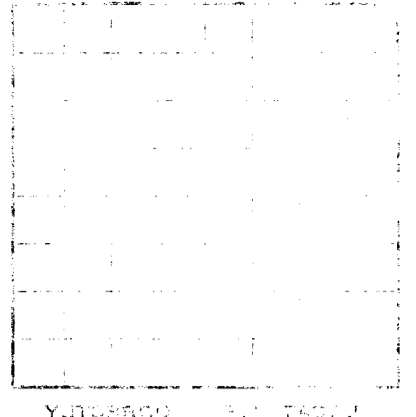
FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
<u>0</u>	<u>1360</u>	<u>1360</u>	<u>Redbed</u>
<u>1360</u>	<u>1510</u>	<u>150</u>	<u>Anhydrite, red shale</u>
<u>1510</u>	<u>2526</u>	<u>1016</u>	<u>Salt</u>
<u>2526</u>	<u>2720</u>	<u>194</u>	<u>Anhydrite, red shale</u>
<u>2720</u>	<u>2820</u>	<u>100</u>	<u>Anhydrite, red shale, sand</u>
<u>2820</u>	<u>3230</u>	<u>410</u>	<u>Dolomite, anhydrite, red shale</u>
<u>3230</u>	<u>3300</u>	<u>70</u>	<u>Anhydrite, shale, sand</u>
<u>3300</u>	<u>3770</u>	<u>470</u>	<u>Dolomite, anhydrite, shale, sand</u>
<u>3770</u>	<u>3892</u>	<u>122</u>	<u>Dolomite, sand</u>

On initial potential, flowed 78 bbls. of 37° gravity oil, no water, in 8 hrs. thru 36/64" choke on 2" tubing for a daily potential of 234 bbls. oil, no water. Gas volume 88.6 MCF per day. GOR 378, Casing pressure 0 (Packer). Tubing pressure 220/. Well was not shot or acidized. Well was sandfraced with 6,000 gals. oil and 2,300# sand from 3770-3892'. Pay: Grayburg from 3770-3892'. Shell pipe line connected.

FOLD MARK

U.S. GEOLOGICAL SURVEY
 DEPARTMENT OF THE INTERIOR
 UNITED STATES



LOG ON OIL OR GAS WELL

This log is to be filled out by the driller or his representative, and should be turned in to the geologist in charge of the well at the time the well is completed. It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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.

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HISTORY OF OIL OR GAS WELL

MIDDING AND TEMPERING RECORD			PLUGS AND ADAPTERS			SHOOTING RECORD			EMPLOYERS			FORMATION RECORD		
Date	Personnel	Remarks	Date	Material	Position	Date	Type	Remarks	Name	Address	Date	Depth	Formation	

U.S. GEOLOGICAL SURVEY