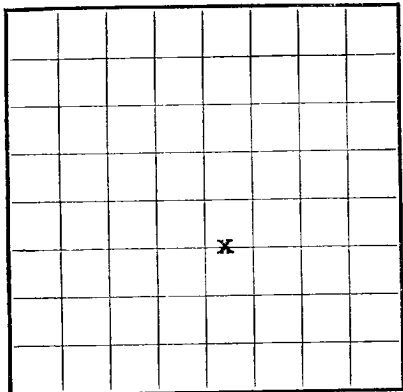


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 030168 (a)
LEASE OR PERMIT TO PROSPECT Lease



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box CC, Hobbs, New Mexico
Lessor or Tract J. S. Eaves A-19 Field Eaves State New Mexico
Well No. 7 Sec. 19 T26S R. 37E Meridian N.M.P.N. County LEA
Location 1980 ft. N. of S. Line and 2310 ft. E. of W. Line of Section 19 Elevation _____
(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 /s/ D. F. Jacobs
Assistant District Superintendent

Date March 13, 1951

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

Commenced drilling September 18, 1950 Finished drilling September 28, 1950

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

No. 1, from 3078 to 3096 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>9 5/8</u>	<u>36</u>	<u>8R</u>		<u>1159</u>	<u>Guide</u>				
<u>7</u>	<u>22</u>	<u>10 V</u>		<u>126</u>					
<u>7</u>	<u>22</u>	<u>8 R</u>		<u>3103</u>	<u>Guide shoe and</u>		<u>3082</u>	<u>3212</u>	<u>Production</u>
					<u>Float Collar</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9 5/8</u>	<u>1159</u>	<u>465</u>	<u>Pump & plug</u>		
<u>7</u>	<u>3215</u>	<u>740</u>	<u>Pump & 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
	<u>None</u>					

TOOLS USED

Rotary tools were used from 0 feet to 3236 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing November 15, 1950

The production for the first 24 hours was 1776 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 29.2

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

T. G. Sexton, Driller E. R. Locke, Driller
L. C. Arnold, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1100</u>	<u>1100</u>	<u>Surface sand and Redbed</u>
<u>1100</u>	<u>1130</u>	<u>30</u>	<u>Sand and shale</u>
<u>1130</u>	<u>1160</u>	<u>30</u>	<u>Anhydrite and shale</u>
<u>1160</u>	<u>2600</u>	<u>1440</u>	<u>no samples</u>
<u>2600</u>	<u>2730</u>	<u>130</u>	<u>salt</u>
<u>2730</u>	<u>2830</u>	<u>100</u>	<u>Dolomite and anhydrite</u>
<u>2830</u>	<u>2860</u>	<u>30</u>	<u>Dolomite</u>
<u>2860</u>	<u>3070</u>	<u>210</u>	<u>Dolomite and sand</u>
<u>3070</u>	<u>3110</u>	<u>40</u>	<u>Dolomite</u>
<u>3110</u>	<u>3145</u>	<u>35</u>	<u>Dolomite and sand</u>
<u>3145</u>	<u>3236</u>	<u>91</u>	<u>Dolomite</u>
<u>3236</u>	<u>TOTAL DEPTH.</u>		

FORMATION RECORD-Continued

FROM-	TO-	TOTAL FEET	FORMATION
DST #1 from 3095' to 3230'. Tool open 2 hours. Gas to surface in 5 minutes. Gas volume too small to measure. Recovered 3100' sulphur water and very light show oil.			
Set 7" casing at 3215' and drilled out plug to 3230'. Jet perforated open hole from 3222' to 3230'. Swabbed 30 barrels fluid 100% water. Set retainer at 3215' and squeezed open hole with 50 sacks cement.			
Perforated from 3206' to 3212'. Swabbed dry and acidized with 500 gallons. Swabbed 40 barrels water in 4 hours. Squeezed off perforations with 50 sacks cement.			
Perforated 3192' to 3200' and swabbed dry. Acidized with 500 gallons. Swabbed 6 barrels fluid 95% water in 3 hours. Squeezed off perforations with 50 sacks cement.			
Perforated 3174' to 3178' and 3181' to 3187' and swabbed dry. Acidized with 500 gallons. Swabbed 82 barrels water in 5 hours. Squeezed off perforations with 50 sacks cement.			
Perforated 3156' to 3168' and swabbed dry. Acidized with 500 gallons. Swabbed 145 barrels sulphur water in 6 hours. Squeezed off perforations with 50 sacks cement.			
Perforated 3142' to 3150' and swabbed dry. Acidized with 500 gallons. Flowed 223 barrels sulphur water in 6 1/2 hours. Set retainer at 3139' and squeezed off perforations with 50 sacks cement.			
Perforated 3126' to 3136' and swabbed dry. Acidized with 500 gallons acid. Flowed 105 barrels sulphur water in 5 hours. Set retainer at 3123' and squeezed off perforations with 50 sacks cement.			
Perforated 3110' to 3120' and swabbed dry. Acidized with 500 gallons acid. Flowed 175 barrels sulphur water in 8 hours. Set retainer at 3188' and squeezed off perforations with 50 sacks cement.			
Perforated 3100' to 3106' and swabbed 85 barrels sulphur water in 3 1/2 hours. Set retainer at 3096' and squeezed off perforations with 50 sacks cement.			
Perforated 3093' to 3096' and 3082 to 3090' and swabbed dry. Acidized with 500 gallons and swabbed well in.			
Completed for initial potential of 1776 barrels oil, no water, in 24 hours used on 3 hour test of 222 barrels oil flowing through 3/4" choke. GSE			
12. CPO# TF 400#			

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