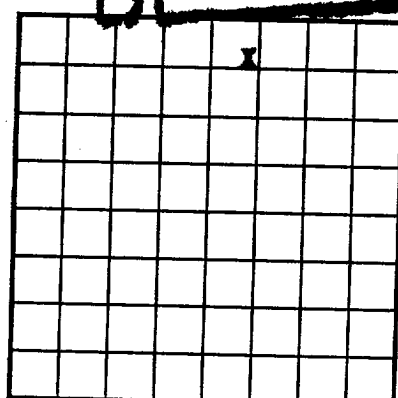


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 09016 (a)
LEASE OR PERMIT TO PROSPECT Lease

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 Leaves A-30 Field Leaves State New Mexico
Well No. 3 Sec. 30 T. 26S R. 37E Meridian N.M.P.M. County Lea
Location 660 ft. SW of N Line and 1980 ft. SW of E Line of Sec. 30 Elevation 2951
(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 April 30, 1951 Signed SIGNED: D. F. JACOBS
Title Asst. Dist. Superintendent

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

Commenced drilling April 10, 1951 Finished drilling April 20, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3030 to 3206 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>25.55</u>	<u>8V</u>		<u>1202</u>	<u>G. Shoe</u>				
<u>5 1/2</u>	<u>24</u>			<u>1202</u>	<u>G. Shoe</u>				
HISTORY OF OIL OR GAS WELL									

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>1199</u>	<u>490</u>	<u>Pump & Pump</u>		
<u>5 1/2</u>	<u>3242</u>	<u>815</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 3243 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing April 26, 1951
The production for the first 24 hours was 202 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 29.3
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

S. T. Coulter, Driller D. E. Spoonamore, Driller
H. Hemmington, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1173</u>	<u>1173</u>	<u>Surface sands and red beds.</u>
<u>1173</u>	<u>1290</u>	<u>117</u>	<u>Anhydrite.</u>
<u>1290</u>	<u>2610</u>	<u>1320</u>	<u>Salt and anhydrite.</u>
<u>2610</u>	<u>2650</u>	<u>40</u>	<u>Anhydrite and lime.</u>
<u>2650</u>	<u>2880</u>	<u>230</u>	<u>Brown lime.</u>
<u>2880</u>	<u>3243</u>	<u>363</u>	<u>Lime.</u>

Drilled to total depth 3243' with rotary tools. Set 5 1/2" production casing at 3242' with 815 sacks cement. Moved in reverse circulation rig and drilled out cement plug to total depth 3243'. Ran radioactivity log. Perforated 5 1/2" casing from 3214 to 3225' with 44 holes and 3226 to 3242' with 64 holes. Ran 2" tubing with packer set at 3206'; Shabbed gas cut water. Set retainer at 3208', squeezed 50 sacks, 2500# pressure, to plug off perforations. Perforated from 3188 to 3204' with 64 holes. Ran tubing with perforations at 3177'. Shabbed 1/2 bbls. oil per hr., no water, small amount of gas. Acidized thru perforations with 500 gals. Completed for an initial potential of 202 bbls. oil and no water, based on 50.60 bbls. oil and no water in 6 hrs. thru 20/64" choke on 2" tubing. Gas volume 92.8 MCF per day. GOR 459. GF 0%. TP 120#.

FROM—

TO—

TOTAL FEET

FORMATION

(OVER)

16-42004-2

FORMATION RECORD—CONTINUED—

