

U. S. LAND OFFICE Las Cr
SERIAL NUMBER 031741

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
MAR 7 1951U. S. GEOLOGICAL SURVEY
HOBBS OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Continental Oil Company Address Box CC, Hobbs, New Mexico
Lessor or Tract W. C. Hawk B-3 Field North Drinkard State New Mexico
Well No. 3 Sec. 3 T. 21S R. 37E Meridian NMPM County Lea
Location 1980 ft. (N.) of S Line and 1980 ft. (W.) of E Line of Section 3 Elevation 3467
(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 March 6, 1951Signed W. Jacob
Title Asst. Dist. Superintendent

The summary on this page is for the condition of the well at above date.
Commenced drilling February 1, 1950 Finished drilling March 7, 1950

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

No. 1, from 6610 to 6723
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, 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>3/8"</u>	<u>36#</u>	<u>8</u>	<u>SW</u>	<u>124</u>	<u>Guide</u>				
<u>5/8"</u>	<u>10#</u>	<u>8</u>	<u>SW</u>	<u>56</u>	<u>Guide Shoe & Float</u>				
<u>5/8"</u>	<u>23#</u>	<u>8</u>	<u>R</u>	<u>6785</u>	<u>Guide Shoe & Float</u>				
							<u>6625</u>	<u>6689</u>	<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>3/8"</u>	<u>199</u>	<u>250</u>	<u>Pump & plug</u>		
<u>5/8"</u>	<u>2969</u>	<u>1525</u>	<u>Pump & plug</u>		
	<u>6746</u>	<u>875</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 _____ feet to 6717 feet, and from _____ feet to _____ feet
able tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

The production for the first 24 hours was 1344 barrels of fluid of which 100 % was oil; _____ %
ulsion; _____ % water; and _____ % sediment.
If gas well, cu. ft. per 24 hours _____ Gravity, °Bé. 390
Rock pressure, lbs. per sq. in. 2450 Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

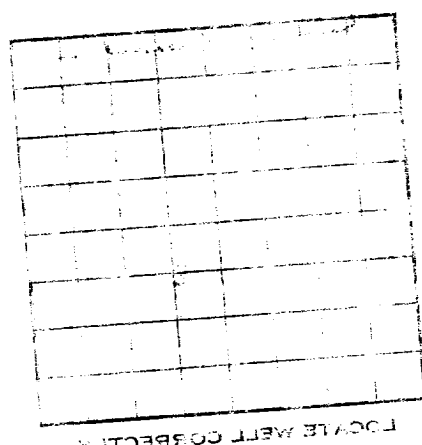
E. W. Bowman, Driller
C. H. Huff, Driller
J. D. Starr, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1200</u>	<u>1200</u>	<u>Surface Sands & Red Bed</u>
<u>00</u>	<u>1310</u>	<u>110</u>	<u>Sand & Shale</u>
<u>10</u>	<u>1350</u>	<u>40</u>	<u>Anhydrite & Shale</u>
<u>50</u>	<u>2400</u>	<u>1050</u>	<u>No samples</u>
<u>00</u>	<u>2460</u>	<u>60</u>	<u>Salt</u>
<u>50</u>	<u>2510</u>	<u>150</u>	<u>Anhydrite, Salt & Shale</u>
<u>10</u>	<u>2760</u>	<u>150</u>	<u>Anhydrite & Shale</u>
<u>50</u>	<u>2990</u>	<u>230</u>	<u>Dolomite & Anhydrite</u>
<u>00</u>	<u>4000</u>	<u>1010</u>	<u>No samples</u>
<u>00</u>	<u>5080</u>	<u>1080</u>	<u>Dolomite</u>
<u>00</u>	<u>5400</u>	<u>320</u>	<u>Lime & Dolomite</u>
<u>0</u>	<u>6620</u>	<u>1220</u>	<u>Dolomite</u>
<u>0</u>	<u>6747</u>	<u>127</u>	<u>Lime & Dolomite</u>
<u>7</u>	<u>Total depth</u>		

#1 from 6610' to 6661'. Open 1 1/2 hours. Gas to surface in _____ minutes; fluid in 14 minutes. Flowed 55 barrels oil, no water.
1 hour with 820.4 MCF gas.

#2 from 6661' to 6647'. Open 3 hours. Gas to surface in 11 minutes; fluid in 108 minutes. Tested 22 barrels oil per hour.
water, with 426.1 MCF gas. Recovered 180' oil and 600' salt water.



LOCATE WELL CORRECTLY

THE COMPANY ON THIS PAGE IS FOR A CONFIDENTIAL OF THE CELL OF ABOVE DATE

IMPORTANT WATER SANDS

CASINO RECORD

HISTORY OF OIL OR GAS WELL

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 "detached", 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.

MUDDING AND CEMENTING RECORD

PLUGS AND ADAPTERS

Part Name	Quantity	Unit Price	Total Price
Plugs and Adapters	1.00	1.00	1.00
Adapters	1.00	1.00	1.00
Leaving	1.00	1.00	1.00

TOOLS USED

test	test to	test and from	test to	test were used from
test	test to	test and from	test to	test were used from

EMPLOYEES

FORMATION

FORMATION	TOTAL FEET	TO	COM
FORMATION	TOTAL FEET	TO	COM

RECEIVED
MAR 7 1951
OIL CONSERVATION COMMISSION
HOBBBS-OFFICE

