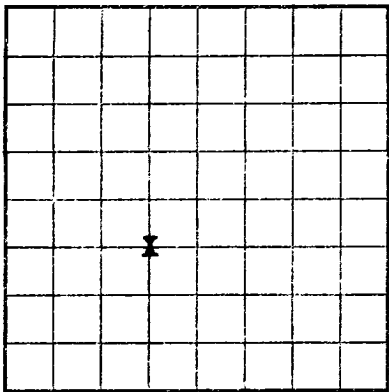




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **031670 (a)**
LEASE OR PERMIT TO PROSPECT **Lease**

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 SEMI Burger A-19 Field Skaggs State New Mexico
Well No. 3 Sec. 19 T. 20S R. 38E Meridian NMPM County Lea
Location 1980 ft. ^{N.}_{EX} of S Line and 1980 ft. ^{E.}_{EX} of W Line of Section 19 Elevation 3551
(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 October 6, 1950 Title District Superintendent

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

Commenced drilling February 5, 19 50 Finished drilling March 2, 19 50

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

No. 1, from 3776 to 3867 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>10 3/4</u>	<u>32.75</u>	<u>8 rd</u>		<u>236.4</u>	<u>Guide</u>				
<u>7"</u>	<u>23 1/2</u>	<u>8 rd</u>		<u>371.8</u>	<u>Guide Shoe & Float Collar</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10 3/4</u>	<u>247</u>	<u>250</u>	<u>Pump & Plug</u>		
<u>7"</u>	<u>3698</u>	<u>1957</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>4"</u>	<u>Tin</u>	<u>Nitro</u>	<u>250 qts</u>	<u>3-5-50</u>	<u>3795-3872</u>	<u>3872</u>

TOOLS USED

Rotary tools were used from _____ feet to 3872 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing March 11, 19 50
The production for the first 24 hours was 50 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 36°
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

C. L. Martz, Driller Edward Fowler, Driller
C. L. Swinhart, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1300</u>	<u>1300</u>	<u>Surface Sand & Red Bed</u>
<u>1300</u>	<u>1340</u>	<u>40</u>	<u>Sand & Shale</u>
<u>1340</u>	<u>1390</u>	<u>50</u>	<u>Sand, Shale & Anhydrite</u>
<u>1390</u>	<u>2460</u>	<u>1070</u>	<u>Anhydrite & Shale</u>
<u>2460</u>	<u>2490</u>	<u>30</u>	<u>Anhydrite & Salt</u>
<u>2490</u>	<u>2530</u>	<u>40</u>	<u>Salt</u>
<u>2530</u>	<u>2780</u>	<u>250</u>	<u>Anhydrite</u>
<u>2780</u>	<u>3470</u>	<u>690</u>	<u>Dolomite & Anhydrite</u>
<u>3470</u>	<u>3520</u>	<u>50</u>	<u>Anhydrite, Shale & Sand</u>
<u>3520</u>	<u>3660</u>	<u>140</u>	<u>Anhydrite, Dolomite & Shale</u>
<u>3660</u>	<u>3685</u>	<u>25</u>	<u>Dolomite & Anhydrite</u>
<u>3685</u>	<u>3700</u>	<u>15</u>	<u>Dolomite, Anhydrite & Shale</u>
<u>3700</u>	<u>3745</u>	<u>45</u>	<u>Dolomite</u>
<u>3745</u>	<u>3770</u>	<u>25</u>	<u>Dolomite & Sand</u>
<u>3770</u>	<u>3795</u>	<u>25</u>	<u>Dolomite</u>
<u>3795</u>	<u>3830</u>	<u>35</u>	<u>Dolomite & Sand</u>
<u>3830</u>	<u>3872</u>	<u>42</u>	<u>Dolomite</u>
<u>3872</u> TD			
FROM—	TO—	TOTAL FEET	FORMATION

(OVER)

FORMATION RECORD—CONTINUED

FOLD MARK

FORMATION RECORD—Continued

[illegible]

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

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