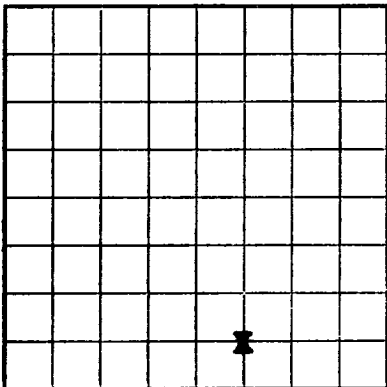


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 031670 (b)
LEASE OR PERMIT TO PROSPECT Lease



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COPY TO O. C. C.
H

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 427, Hobbs, New Mexico
Lessor or Tract W. D. Burger B-18 Field Slaggs State New Mexico
Well No. 3 Sec. 18 T. 20S R. 38E Meridian N.M.P.M. County Lea
Location 660 ft. {N.} of S. Line and 1980 ft. {E.} of E. Line of Section 18 Elevation 3559
ft. {E.} (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 E. L. Shapiro

Date January 5, 1952

Title District Superintendent

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

Commenced drilling November 15, 1951 Finished drilling December 4, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3812 to 3927 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>82</u>	<u>IN</u>	<u>249</u>	<u>G. shoe</u>				
<u>5 1/2</u>	<u>21</u>	<u>82</u>	<u>IN</u>	<u>3730</u>	<u>G. shoe & P. 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>258</u>	<u>250</u>	<u>Pump & Plug</u>		
<u>5 1/2</u>	<u>3727</u>	<u>1470</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>Nitro</u>	<u>280 qts.</u>	<u>12-8-51</u>	<u>3812-3927</u>	<u>3933</u>

TOOLS USED

Rotary tools were used from 0 feet to 3730 feet, and from _____ feet to _____ feet
G. C. R. tools were used from 3730 feet to 3933 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing December 12, 1951
The production for the first 24 hours was 158 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

E. F. Locke _____, Driller J. H. Hargis _____, Driller
E. J. Locke _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1360</u>	<u>1360</u>	<u>Redbed.</u>
<u>1360</u>	<u>1490</u>	<u>130</u>	<u>Anhydrite.</u>
<u>1490</u>	<u>2520</u>	<u>1030</u>	<u>Salt.</u>
<u>2520</u>	<u>2670</u>	<u>150</u>	<u>Anhydrite.</u>
<u>2670</u>	<u>2920</u>	<u>250</u>	<u>Sand & Dolomite.</u>
<u>2920</u>	<u>3650</u>	<u>730</u>	<u>Dolomite and Anhydrite.</u>
<u>3650</u>	<u>3720</u>	<u>70</u>	<u>Dolomite, Anhydrite & Sand.</u>
<u>3720</u>	<u>3933</u>	<u>213</u>	<u>Dolomite and Sand.</u>

Drilled to 3730' with rotary tools. Set 5 1/2" casing at 3727'. Moved in reverse rig and drilled out cement. Deepened to total depth 3933'. After recovering oil load, stabbed 35 bbls. oil, no water in 8 hours. Gas too small to measure. Shot well with 280 quarts Nitroglycerine from 3812' to 3927'. Cleaned out shot hole to total depth 3933'. After recovering oil load, flowed 120 bbls. oil, out .1% BS in 9 hours, through 3/4" choke. On initial potential flowed 38 bbls. of 36 deg. gravity oil, no water, in 5 hours thru 20/64" choke on 2" tubing for a daily potential of 158 bbls. oil, no water. Gas volume 122 MCF per day. GOR 772. GP 640%. TP 180%. 2" tubing set at 3833'.

16-42094-1 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

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