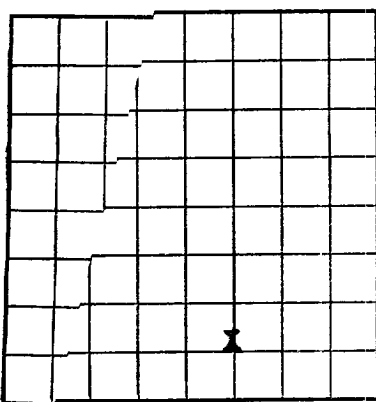




LOCATE WELL CORRECTLY

COPY TO

HOBBBS

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 031741 (b)
LEASE OR PERMIT TO PROSPECT NMPUUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 427, Hobbs, New Mexico
Lessor or Tract W. C. Hawk B-3 Field Hare State New Mexico
Well No. 5-S Sec. 3 T21-S. R37-E Meridian NMPH County Lea
Location 3150 ft. (N.) of S. Line and 1650 ft. (E.) of E. Line of Sec. 3 (Lot 15) Elevation 3480'
(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

Date March 4, 1953Title District Superintendent

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

Commenced drilling December 8, 1952 Finished drilling January 24, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7788 to 7950 No. 4, from _____ to _____
No. 2, from 8070 to 8090 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>13 3/8</u>	<u>25</u>	<u>Wall</u>	<u>Armed</u>	<u>S-I</u>	<u>234.42</u>	<u>Guide</u>			
<u>9 5/8</u>	<u>36</u>	<u>8</u>	<u>J-55</u>	<u>3140.67</u>	<u>Guide shoe & float collar</u>				
<u>7 1/2</u>	<u>26</u>	<u>8</u>	<u>N-80</u>	<u>453.95</u>					
<u>7 1/2</u>	<u>23</u>	<u>8</u>	<u>J-55</u>	<u>4816.50</u>					
<u>7 1/2</u>	<u>23</u>	<u>8</u>	<u>N-80</u>	<u>2764.25</u>			<u>7788</u>	<u>8090</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>13 3/8</u>	<u>250</u>	<u>250</u>	<u>pump & plug</u>		
<u>9 5/8</u>	<u>3133</u>	<u>1370</u>	<u>pump & plug</u>		
<u>7 1/2</u>	<u>8113</u>	<u>940</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

TOOLS USED

Rotary tools were used from 0 feet to 8114 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 1-29-, 1953

The production for the first 24 hours was 540 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 47°

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. R. Matthews, Driller Claybrook, Driller
Lewis, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1300</u>	<u>1300</u>	<u>Redbeds</u>
<u>1300</u>	<u>1410</u>	<u>110</u>	<u>Anhydrite</u>
<u>1410</u>	<u>2450</u>	<u>1040</u>	<u>Salt</u>
<u>2450</u>	<u>5200</u>	<u>2750</u>	<u>Anhydrite & dolomite</u>
<u>5200</u>	<u>6828</u>	<u>1628</u>	<u>Dolomite lime & sand</u>
<u>6828</u>	<u>7445</u>	<u>617</u>	<u>Dolomite & lime</u>
<u>7445</u>	<u>7788</u>	<u>343</u>	<u>Lime & Shale</u>
<u>7788</u>	<u>8110</u>	<u>322</u>	<u>Shale & sand</u>
<u>8110</u>	<u>8114</u>	<u>4</u>	<u>Lime</u>

Drill stem test #1, Blinbry, 5685' to 5935', tool open 45 minutes. Gas to surface in 3 minutes. Flowing pressure 1000#-1,025#, 15 minutes shut in pressure 2375#, hydrostatic pressure 2775#. Recovered 60' oil, 120' oil & gas cut mud.

On initial potential flowed 135 barrels of 47° gravity oil, no water, in 6 hours thru 33/64" choke on 2 1/2" tubing for a daily potential of 540 barrels oil, no water. Gas volume 480 MCF per day. GOR 889, CP 100#, TP 100#.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF REVENUE

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

FROM-	TO-	TOTAL FEET	FORMATION
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
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10	10	10	10
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12	12	12	12
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