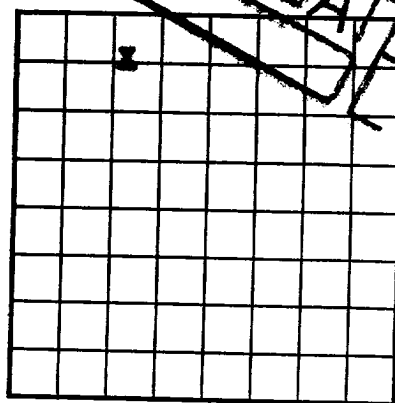


RECEIVED
MAR 30 1951
OIL CONSERVATION COMMISSION
HOBBES OFFICE
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Bureau No. 42-R355.1.
oval expires 11-30-49.

Las Cruces
032096 (a)
Lease

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box CC, Hobbs, New Mexico
Lessor or Tract A. M. Lookhart A-27 Field Drinkard State New Mexico
Well No. 8 Sec. 27 T. 21S R. 37E Meridian NMPN County Lea
Location 660 ft. NE of 1650 Line and 1650 ft. E of W Line of Sec. 27 Elevation 3418
(Derivat 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 13, 1951Signed E. L. Shapiro
Title District Superintendent

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

Commenced drilling December 12, 1950 Finished drilling January 10, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6500 to 6636 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>13 3/8</u>	<u>26</u>	<u>8</u>	<u>242</u>	<u>242</u>	<u>Outside</u>	<u>242</u>			
<u>7 5/8</u>	<u>26</u>	<u>8</u>	<u>242</u>	<u>242</u>	<u>Outside</u>	<u>242</u>			
<u>5 1/2</u>	<u>15.5</u>	<u>8</u>	<u>1282</u>	<u>1282</u>	<u>Outside shoe</u>	<u>(See 1282)</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>253</u>	<u>250</u>	<u>Pump & Plug</u>		
<u>7 5/8</u>	<u>247</u>	<u>1250</u>	<u>Pump & Plug</u>		
<u>5 1/2</u>	<u>247</u>	<u>375</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 6670 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing February 10, 1951
The production for the first 24 hours was 245 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 40
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

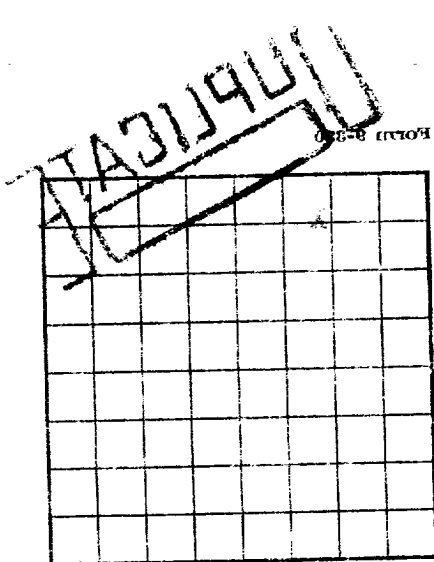
EMPLOYEES

R. S. Hayes, Driller W. L. Driver, Driller
W. E. Kennedy, Jr., Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1200</u>	<u>1200</u>	<u>Surface sands and red beds.</u>
<u>1200</u>	<u>1250</u>	<u>50</u>	<u>Anhydrite and shale.</u>
<u>1250</u>	<u>2300</u>	<u>1050</u>	<u>No samples.</u>
<u>2300</u>	<u>2530</u>	<u>230</u>	<u>Anhydrite and shale.</u>
<u>2530</u>	<u>2660</u>	<u>130</u>	<u>Anhydrite.</u>
<u>2660</u>	<u>2700</u>	<u>40</u>	<u>Anhydrite and dolomite.</u>
<u>2700</u>	<u>2750</u>	<u>50</u>	<u>Anhydrite.</u>
<u>2750</u>	<u>4900</u>	<u>2150</u>	<u>No samples.</u>
<u>4900</u>	<u>6670</u>	<u>1770</u>	<u>Dolomite.</u>

Drilled to 6670' with rotary rig.
DST #1: 6660 to 6670', tool open 8 hrs. Gas to surface in 10 mins. Tool plugged. Attempted unplug tool. Well flowed and plugged intermittently for next 7 hrs. During last hr. flowed 7 bbls. oil, no water in 20 mins. Well estimated capable flowing 20 bbls. per hr. on DST.
Set 5 1/2" csg. at 6669' with 375 sack cement. Moved in reverse circ. rig and drilled out cement to 6668'. Perf. 6625-6636' w/44 holes & from 6614-6621' w/28 holes. Ran tbg. w/pkr. set at 6600' and tbg. perf. 6630-6634'. Acidized thru perf. w/500 gals. Pulled tbg. w/pkr & set bridging plug at 6610'. Perf. 6600-6606' w/24 holes, 6585-6596' w/44 holes. Ran tbg. w/pkr. acidized w/500 gals. thru perf. 6600-6606' & 6585-6596'. Set bridging plug at 6580'. Perf. 6561-6576' w/60 holes. Ran tbg. w/pkr. Acidized w/500 gals. Drld. out plugs to 6668'. Acidized w/1000 gals, then w/2500 gals., using 7 bbls. Jell-oil & Wellite to block off low pressure zones. Perf. csg. from 6544-6551' w/28 holes, 6530-6537' w/68 holes, & 6500-6515' w/28 holes. Ran tbg. w/pkr. set at 6556', sidedoor choke at 6554'. Acidized w/500 gals. above pkr. Well failed to flow. Ran flow valves at 2793, 4734, 6429, pkr. set at 6441', seating nipple at 6441', perf. nipple at 6628'. Flowed 92 bbls. 40 deg. grav. oil & no water in 9 hrs. then 35/64" choke on 2" tbg. for a daily potential of 245 bbls. oil. Gas volume 155.2 MCF per day. OGR 683. (See O.G. TP 2004)



LOG OF OIL OR GAS WELL

Company _____
Lessor or Tract _____
Well No. _____
Location _____
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 _____
Title _____
The summary on this page is for the condition of the well at above date.

Oil or Gas Sands or Zones
No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____
No. 7, from _____ to _____
No. 8, from _____ to _____
No. 9, from _____ to _____
No. 10, from _____ to _____

Casing Record
No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____
No. 7, from _____ to _____
No. 8, from _____ to _____
No. 9, from _____ to _____
No. 10, from _____ to _____

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 date 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 added or left in the well, give its size and position. If the well has been abandoned, give date, position, and number of plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Shooting Record
Size _____
Explosive used _____
Quantity _____
Date _____
Depth shot _____
Depth cleaned out _____

Plugs and Adapters
Length _____
Size _____
Depth set _____

Tools Used
Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Dates
Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% was water; and _____% sediment.
If gas well, cu. ft. per 24 hours _____
Rock pressure, lbs. per sq. in. _____

Employees
Driller _____
Driller _____

FORMATION RECORD		FORMATION	
FROM	TO	TOTAL FEET	FORMATION
0	100	100	Surface and sub-surface.
100	200	200	Gravel and sand.
200	300	300	Gravel and sand.
300	400	400	Gravel and sand.
400	500	500	Gravel and sand.
500	600	600	Gravel and sand.
600	700	700	Gravel and sand.
700	800	800	Gravel and sand.
800	900	900	Gravel and sand.
900	1000	1000	Gravel and sand.
1000	1100	1100	Gravel and sand.
1100	1200	1200	Gravel and sand.
1200	1300	1300	Gravel and sand.
1300	1400	1400	Gravel and sand.
1400	1500	1500	Gravel and sand.
1500	1600	1600	Gravel and sand.
1600	1700	1700	Gravel and sand.
1700	1800	1800	Gravel and sand.
1800	1900	1900	Gravel and sand.
1900	2000	2000	Gravel and sand.
2000	2100	2100	Gravel and sand.
2100	2200	2200	Gravel and sand.
2200	2300	2300	Gravel and sand.
2300	2400	2400	Gravel and sand.
2400	2500	2500	Gravel and sand.
2500	2600	2600	Gravel and sand.
2600	2700	2700	Gravel and sand.
2700	2800	2800	Gravel and sand.
2800	2900	2900	Gravel and sand.
2900	3000	3000	Gravel and sand.
3000	3100	3100	Gravel and sand.
3100	3200	3200	Gravel and sand.
3200	3300	3300	Gravel and sand.
3300	3400	3400	Gravel and sand.
3400	3500	3500	Gravel and sand.
3500	3600	3600	Gravel and sand.
3600	3700	3700	Gravel and sand.
3700	3800	3800	Gravel and sand.
3800	3900	3900	Gravel and sand.
3900	4000	4000	Gravel and sand.
4000	4100	4100	Gravel and sand.
4100	4200	4200	Gravel and sand.
4200	4300	4300	Gravel and sand.
4300	4400	4400	Gravel and sand.
4400	4500	4500	Gravel and sand.
4500	4600	4600	Gravel and sand.
4600	4700	4700	Gravel and sand.
4700	4800	4800	Gravel and sand.
4800	4900	4900	Gravel and sand.
4900	5000	5000	Gravel and sand.
5000	5100	5100	Gravel and sand.
5100	5200	5200	Gravel and sand.
5200	5300	5300	Gravel and sand.
5300	5400	5400	Gravel and sand.
5400	5500	5500	Gravel and sand.
5500	5600	5600	Gravel and sand.
5600	5700	5700	Gravel and sand.
5700	5800	5800	Gravel and sand.
5800	5900	5900	Gravel and sand.
5900	6000	6000	Gravel and sand.
6000	6100	6100	Gravel and sand.
6100	6200	6200	Gravel and sand.
6200	6300	6300	Gravel and sand.
6300	6400	6400	Gravel and sand.
6400	6500	6500	Gravel and sand.
6500	6600	6600	Gravel and sand.
6600	6700	6700	Gravel and sand.
6700	6800	6800	Gravel and sand.
6800	6900	6900	Gravel and sand.
6900	7000	7000	Gravel and sand.
7000	7100	7100	Gravel and sand.
7100	7200	7200	Gravel and sand.
7200	7300	7300	Gravel and sand.
7300	7400	7400	Gravel and sand.
7400	7500	7500	Gravel and sand.
7500	7600	7600	Gravel and sand.
7600	7700	7700	Gravel and sand.
7700	7800	7800	Gravel and sand.
7800	7900	7900	Gravel and sand.
7900	8000	8000	Gravel and sand.
8000	8100	8100	Gravel and sand.
8100	8200	8200	Gravel and sand.
8200	8300	8300	Gravel and sand.
8300	8400	8400	Gravel and sand.
8400	8500	8500	Gravel and sand.
8500	8600	8600	Gravel and sand.
8600	8700	8700	Gravel and sand.
8700	8800	8800	Gravel and sand.
8800	8900	8900	Gravel and sand.
8900	9000	9000	Gravel and sand.
9000	9100	9100	Gravel and sand.
9100	9200	9200	Gravel and sand.
9200	9300	9300	Gravel and sand.
9300	9400	9400	Gravel and sand.
9400	9500	9500	Gravel and sand.
9500	9600	9600	Gravel and sand.
9600	9700	9700	Gravel and sand.
9700	9800	9800	Gravel and sand.
9800	9900	9900	Gravel and sand.
9900	10000	10000	Gravel and sand.