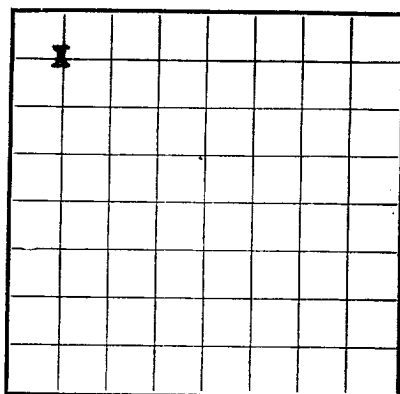


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **LC 032099 (a)**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED 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 **M. Lockhart A-30** Field **Summit** State **New Mexico**
Well No. **7** Sec. **30** T. **21S** R. **36E** Meridian **N.M.P.M.** County **Lea**
Location **660** ft. **N.** of **N.** Line and **660** ft. **E.** of **W.** Line of **Section 30** Elevation **3644**
(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 **July 29, 1955** Title **District Superintendent**

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

Commenced drilling **May 19**, 1955 Finished drilling **June 6**, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3854** to **3975** 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—	
8 5/8	28 1/2	11	H-40	1628'	Guide Shoe				
5 1/2	17 1/2	11	H-40	1628'	Reamer Shoe & Plug				
HISTORY OF CUT OR CVD MET									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	1624'	735	Pump & Plug		
5 1/2	4074'	1,068	Pump & Plug		

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 **4075** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **June 13**, 19**55**The production for the first 24 hours was **392** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **32**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1600	1600	Redbeds
1600	3160	1560	Anhydrite and Salt
3160	4075	915	Dolomite and Sand

T.D. **4075'**. PBD **3975'**. Elevation **3644'**. DF **9'** above ground. Pay Seven Rivers **3854-3975'**. On initial potential flowed **98** bbls. of **32** deg. gravity oil, no water in **6** hours, thru **40/64"** choke on **2"** tubing. TP **75#**. CP **380#**. Daily potential flowed **392** bbls. oil with **399** MGF gas. GOR **1018**. Estimated daily allowable **39** (top) bbls. oil, effective **6-13-55**. **5 1/2"** casing was perforated from **3988-4010'** with **88** shots; from **4050-4060'** with **40** shots; from **3854-3872'** with **72** shots; **3876-3894'** with **72** shots; Well was acidized with **500** gals. from **3988-4010'** and **4050-4060'**. Well was sandfraced with **5,000** gals. frac oil with **1#** sand and **.1#** Adomite per gal. from **4050-4060'**. Well was acidized with **500** gals. from **3988-4010'** and sandfraced with **5,000** gals. frac oil using **1#** sand and **.1#** Adomite per gal. Well was acidized with **1,000** gals. and sandfraced with **10,000** gals. frac oil with **1#** sand and **.1#** Adomite per gal. from **3854-3872'** and **3876-3894'**. Date tested **6-22-55**.

The following tops were reported:

Anhydrite	1600'
Salt	1710'
Base Salt	3163'
Yates	3309'
Seven Rivers	3556'
Queen	4044'

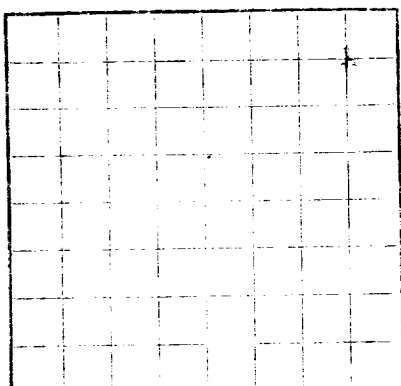
No drill-stem tests were taken.

[OVER]

16-42004-4

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



LOCATE WELL CORRECTLY

Company _____
Address _____
State _____
County _____
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.
Signed _____

Date _____
The summary on this page is for the condition of the well at above date.
Commenced drilling _____, 19____
Finished drilling _____, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 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, per foot	Weight, per foot	Thickness, per foot	Amount	Kind of shoe	Cut and pulled from	From - To -	Purpose
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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 damaged, 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

MUDDING AND CEMENTING RECORD

Water	Number sacks cement	Method used	Kind of gravity	Amount of cement used
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PLUGS AND ADAPTERS

Plugs and adapters used _____
Depth set _____
Size _____
Length _____

SHOOTING RECORD

Size	Shot used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
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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

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil, _____% gas.
It gas well, cut for 24 hours _____
Rock pressure, lbs. per sq. in. _____
Gallons gasoline per 1,000 cu. ft. of gas _____
Gravity, _____
Put to producing _____, 19____

EMPLOYEES

Driller _____
Driller _____

FORMATION RECORD

FROM -	TO -	TOTAL FEET	FORMATION
0	10	10	Surface to 10 feet
10	20	20	10 to 20 feet
20	30	30	20 to 30 feet
30	40	40	30 to 40 feet
40	50	50	40 to 50 feet
50	60	60	50 to 60 feet
60	70	70	60 to 70 feet
70	80	80	70 to 80 feet
80	90	90	80 to 90 feet
90	100	100	90 to 100 feet
100	110	110	100 to 110 feet
110	120	120	110 to 120 feet
120	130	130	120 to 130 feet
130	140	140	130 to 140 feet
140	150	150	140 to 150 feet
150	160	160	150 to 160 feet
160	170	170	160 to 170 feet
170	180	180	170 to 180 feet
180	190	190	180 to 190 feet
190	200	200	190 to 200 feet
200	210	210	200 to 210 feet
210	220	220	210 to 220 feet
220	230	230	220 to 230 feet
230	240	240	230 to 240 feet
240	250	250	240 to 250 feet
250	260	260	250 to 260 feet
260	270	270	260 to 270 feet
270	280	280	270 to 280 feet
280	290	290	280 to 290 feet
290	300	300	290 to 300 feet
300	310	310	300 to 310 feet
310	320	320	310 to 320 feet
320	330	330	320 to 330 feet
330	340	340	330 to 340 feet
340	350	350	340 to 350 feet
350	360	360	350 to 360 feet
360	370	370	360 to 370 feet
370	380	380	370 to 380 feet
380	390	390	380 to 390 feet
390	400	400	390 to 400 feet
400	410	410	400 to 410 feet
410	420	420	410 to 420 feet
420	430	430	420 to 430 feet
430	440	440	430 to 440 feet
440	450	450	440 to 450 feet
450	460	460	450 to 460 feet
460	470	470	460 to 470 feet
470	480	480	470 to 480 feet
480	490	490	480 to 490 feet
490	500	500	490 to 500 feet
500	510	510	500 to 510 feet
510	520	520	510 to 520 feet
520	530	530	520 to 530 feet
530	540	540	530 to 540 feet
540	550	550	540 to 550 feet
550	560	560	550 to 560 feet
560	570	570	560 to 570 feet
570	580	580	570 to 580 feet
580	590	590	580 to 590 feet
590	600	600	590 to 600 feet
600	610	610	600 to 610 feet
610	620	620	610 to 620 feet
620	630	630	620 to 630 feet
630	640	640	630 to 640 feet
640	650	650	640 to 650 feet
650	660	660	650 to 660 feet
660	670	670	660 to 670 feet
670	680	680	670 to 680 feet
680	690	690	680 to 690 feet
690	700	700	690 to 700 feet
700	710	710	700 to 710 feet
710	720	720	710 to 720 feet
720	730	730	720 to 730 feet
730	740	740	730 to 740 feet
740	750	750	740 to 750 feet
750	760	760	750 to 760 feet
760	770	770	760 to 770 feet
770	780	780	770 to 780 feet
780	790	790	780 to 790 feet
790	800	800	790 to 800 feet
800	810	810	800 to 810 feet
810	820	820	810 to 820 feet
820	830	830	820 to 830 feet
830	840	840	830 to 840 feet
840	850	850	840 to 850 feet
850	860	860	850 to 860 feet
860	870	870	860 to 870 feet
870	880	880	870 to 880 feet
880	890	890	880 to 890 feet
890	900	900	890 to 900 feet
900	910	910	900 to 910 feet
910	920	920	910 to 920 feet
920	930	930	920 to 930 feet
930	940	940	930 to 940 feet
940	950	950	940 to 950 feet
950	960	960	950 to 960 feet
960	970	970	960 to 970 feet
970	980	980	970 to 980 feet
980	990	990	980 to 990 feet
990	1000	1000	990 to 1000 feet