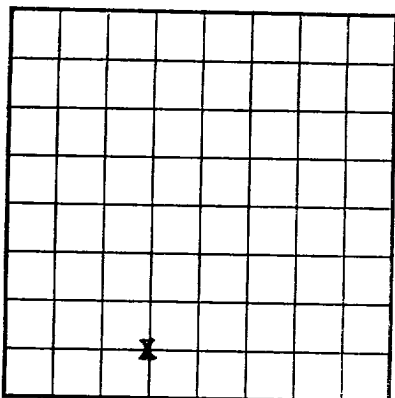


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 031695 (b)
LEASE OR PERMIT TO PROSPECT Lease

LOCATE WELL CORRECTLY

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 Warren Unit B-29 Field Warren-McKee State New Mexico
Well No. 3-S Sec. 29 T. 20S R. 38E Meridian NMPM County Lea
Location 660 ft. ^(N.) of S Line and 1980 ft. ^(E.) of W Line of Section 29 Elevation 3527
(Derivator 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 March 15, 1951 Title Asst. District Superintendent

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

Commenced drilling August 19, 1950 Finished drilling November 8, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9002 to 9116 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—	
10 3/4"	32.75#	8R		235	Guide				
7 5/8"	24#	8R		2906	Guide & Float Collar				
5 1/2"	13.5#	8R		5652					
5 1/2"	17#	8R		2581	Guide & Float Collar	9016	9116		Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	243	200	Pump & Plug		
7 5/8"	2893	1145	Pump & Plug		
5 1/2"	9159	220	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 9160 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing November 15, 1950The production for the first 24 hours was 915 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 46°

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

Rock pressure, lbs. per sq. in. 2815

EMPLOYEES

C. P. White, Driller B. C. Sparkman, Driller
P. D. Hall, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1300	1300	Surface Sands & Red Bed
1300	1390	90	Sand & Shale
1390	1500	110	Anhydrite & Shale
1500	2450	950	No samples
2450	2730	280	Anhydrite & Shale
2730	2900	170	Dolomite & Anhydrite
2900	5000	2100	No samples
5000	5200	200	Dolomite
5200	5240	40	Dolomite & Chert
5240	5310	70	Dolomite
5310	5390	80	Lime & Dolomite
5390	6020	630	Dolomite
6020	6050	30	Dolomite & Chert
6050	6800	750	Dolomite
6800	6980	180	Lime & Dolomite
6980	7060	80	Lime & Shale
7060	7240	180	Lime & Dolomite
7240	7290	50	Dolomite
7290	7530	240	Lime, Dolomite & Shale
7530	7600	70	Dolomite & Shale
7600	7700	100	Lime, Dolomite & Shale
7700	7745	45	Lime & Shale
7745	7760	15	Lime, Dolomite & Shale
7760	7825	65	Dolomite & Shale
7825	7950	125	Dolomite
7950	8000	50	Dolomite & Shale

(OVER)

16-43094-2

1. Name of well: _____

2. Location: _____

3. Date of completion: _____

4. Name of operator: _____

5. Name of driller: _____

6. Name of owner: _____

7. Name of lessee: _____

8. Name of leaseholder: _____

9. Name of mineral interest owner: _____

10. Name of mineral interest holder: _____

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100. Name of mineral interest holder: _____

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 "struck" 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			
16-43094-1 U.S. GOVERNMENT PRINTING OFFICE			
FROM-	TO-	TOTAL FEET	FORMATION
8000	8210	210	Dolomite & Chert
8210	8290	80	Dolomite & Shale
8290	8500	210	Dolomite
8500	8630	130	Dolomite & Chert
8630	8690	60	Dolomite
8690	8730	40	Lime & Dolomite
8730	8920	190	Lime, Dolomite & Sand
8920	9010	90	Lime & Shale
9010	9160	150	Lime, Dolomite Shale & Sand
9160	Total depth		Shale & Sand
DST #1 from 8990' to 9080'. Tool open 2 1/2 hour. Gas to surface in 5 minutes; fluid in 15 minutes. Flowed 7 1/2 barrels oil, no water, in 2 hours with 585.2 MCF gas per day. Flowing BHP 1850# to 2750#. 15 minute shut in BHP 3000#.			
Set 5 1/2" casing at 9159' and drilled out plug to 9158'. Perforated from 9016' to 9059' and 9065' to 9116'. Completed for initial potential of 915 barrels oil, no water, in 24 hours, based on 3.75 hour test of 1/3 barrels oil flowing through 26/64" choke. BOP 569. C.P. 50#, T.P. 475#.			