

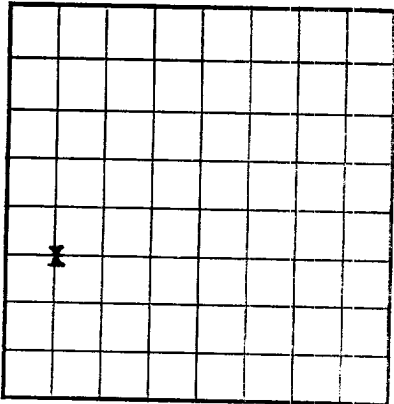
U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 031695 (A)

LEASE OR PERMIT TO PROTECT Oil

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APR 15 1951
MINERAL CONSERVATION COMMISSION
HOBBBS-OFFICE



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box CC, Hobbs, New Mexico
Lessor or Tract Warren Unit A-29 Field Warren-McKee State New Mexico
Well No. 1-S Sec. 29 T. 20S R. 38E Meridian NMPM County Lea
Location 1900 ft. ^[N.] of S Line and 660 ft. ^[E.] of W Line of Section 29 Elevation 3530
(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 R. D. Jacobs

Date March 14, 1951 Title Asst. District Superintendent

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

Commenced drilling May 24, 19 50 Finished drilling July 25, 19 50

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9023 to 9203 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—	
13 3/8"	36#	SW	Armedo	240	Guide				
9 5/8"	36#	SR		1799					
9 5/8"	10#	SR		1101	Guide & Float Collar				
7"	26#	SR		1975					
7"	23#	SR		7396	Guide & Float Collar	9046	9144		Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	254	250	Pump & Plug		
9 5/8"	2824	1915	Pump & Plug		
7"	9225	286	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 9230 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing August 1, 19 50

The production for the first 24 hours was 1752 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. 2930

EMPLOYEES

C. B. Higgs, Driller H. O. Stevelli, Driller
L. M. Love, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1300	1300	Surface Sands & Red Bed
1300	1370	70	Shale & Sand
1370	1420	50	Anhydrite & Shale
1420	1500	80	Shale
1500	2500	1000	No samples
2500	2560	60	Anhydrite, Shale & Salt
2560	2590	30	Shale
2590	2810	220	Anhydrite & Shale
2810	3000	190	Dolomite & Anhydrite
3000	3800	800	No samples
3800	3850	50	Dolomite & Anhydrite
3850	3900	50	Dolomite, Shale & Anhydrite
3900	4020	120	Dolomite & Anhydrite
4020	5280	1260	Dolomite
5280	5440	160	Lime & Dolomite
5440	5740	300	Dolomite
5740	5760	20	Dolomite & Shale
5760	6900	1140	Dolomite
6900	6940	40	Lime & Dolomite
6940	6980	40	Dolomite
6980	7370	390	Lime & Dolomite
7370	7560	190	Dolomite
7560	7625	65	Lime & Dolomite
7625	7965	340	Lime, Dolomite & Shale
7965	8020	55	Lime & Dolomite
8020	8165	145	Dolomite & Chert

(OVER)

FROM	TO	TOTAL FEET	FORMATION
8765	8725	40	Dolomite
8725	8700	25	Lime & Dolomite
8700	8690	10	Lime
8690	8600	90	Dolomite & Gneiss
8600	8660	60	Dolomite
8660	8725	65	Lime & Dolomite
8725	8735	10	Lime, Dolomite & Sand
8735	8765	30	Lime, Dolomite & Shale
8765	8785	20	Lime
8785	8960	175	Lime, Dolomite & Shale
8960	8990	30	Gneiss & Sand
8990	9035	45	Lime, Dolomite & Shale
9035	9230	195	Gneiss & Sand
9230			Total depth
DST #1 from 6740' to 6846'. Tool open 1 hour. Recovered 30' mud.			
DST #2 from 7780' to 7820'. Tool open 1 hour. Light blow air for 10 minutes. Recovered 30' mud.			
DST #3 from 9035' to 9100'. Tool open 1 hour. Light blow air and gas. Unloaded 63 barrels oil, no water, in 1 hour with tool closed.			
DST #4 from 9160' to 9195'. Tool open 2 hours. Gas to surface in 16 minutes. Good blow gas for 45 minutes and died. Recovered 5410' oil, no water.			
DST #5 from 9195' to 9230'. Tool open 1 hour. Light blow air throughout. Recovered very slightly oil at bottom RECORD			
Sat 7 th casing at 9225' and drilled out cement plug to 9220'. Perforated from 9046' to 9081' and from 9087' to 9141'. Completed for initial potential of 1752 barrels oil, no water, based on 5 hour test of 365 barrels oil through 3/4" GOR 384. C.P.O., T.R.I. 200%.			

FORMATION RECORD—Continued

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 "stakepacked" 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

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