

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032326
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Continental Oil Company Address Box CC - Hobbs, N. M.
Lessor or Tract E. E. Jack & 27 No. 1 Field Jal State New Mexico
Well No. 1 Sec. 27 T. 24 R. 37 Meridian N.M.P.M. County Lea
Location 660 ft. [E.] of N. Line and 1980 ft. [E.] of E. Line of Sec. 27 Elevation 3249
(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.

Date October 4, 1937 Title District Supt.

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

Commenced drilling 7-23-37, 1937 Finished drilling 9-8-37, 1937

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3420 to 3430 No. 4, from 3510 to 3535
No. 2, from 3445 to 3470 No. 5, from _____ to _____
No. 3, from 3480 to 3500 No. 6, 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	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13"	50#	8	SH LW	269'9"	TP				
9 5/8"	36#	8	Nat'l	1354'4"	Cement guide shoe				
7"	24#	10	Nat'l	3078'6"	Cement guide shoe & float collar				
2"	20#	10	Nat'l	3559'0"	Tubing set at 3540'				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13"	280'	225	Halliburton		
9 5/8"	1346'	350	Halliburton		
7"	3074'	400	Halliburton		

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 3550 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

October 4, 1937, 19 Put to producing September 16, 1937, 19

The production for the first 24 hours was 1032 barrels of fluid of which 100 % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours 600,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in.

EMPLOYEES

----- M. C. Neithercutt -----, Driller
-----, Driller

----- Bob Baize -----, Driller
----- C. H. Huff -----, Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD-Continued

FROM-	TO-	TOTAL FEET	FORMATION
0	119	119	Surface sand and shells
119	208	208	Shale and shells
208	270	270	Shale and shells
270	341	341	Redbed
341	475	475	Shale, shells, and redrock
475	764	764	Hard sand and shells
764	868	868	Fedrock and sand shells
868	1025	1025	Fedbed and redrock
1025	1035	1035	Redrock
1035	1115	1115	Anhydrite
1115	1328	1328	Anhydrite and broken salt
1328	1441	1441	Anhydrite, salt, and potash
1441	2010	2010	Anhydrite and salt
2010	2065	2065	Anhydrite and salt
2065	2420	2420	Anhydrite
2420	2507	2507	Sand, showing gas
2507	2600	2600	Anhydrite and lime
2600	2625	2625	Anhydrite
2625	2632	2632	Sandy gray lime
2632	2796	2796	Anhydrite and lime
2796	2833	2833	Lime
2833	2902	2902	Brown and gray lime
2902	2929	2929	Lime
2929	2950	2950	Brown lime, hard
2950	2973	2973	Brown and gray lime, hard
2973	2990	2990	Lime
2990	3015	3015	Brown lime
3015	3037	3037	Brown and gray lime
3037	3063	3063	Lime
3063	3075	3075	Brown lime
3075	3550	3550	Hard lime
Total depth 3550'. Pay 3420'-3730', 3445'-3470', 3480'-3500', 3510'-3535', sand. Well was shot with 500 quarts liquid Nitro from 3350'-3550'. 2" tubing set at 3540' and well tested 43 bbls. of oil per hour with 600 MCF gas flowing thru 3/4" choke on 2" tubing.			
Shell Pipe Line connected and running top allowable effective: September 16, 1937. Well was shot, but not acidized.			
FORMATION TOPS			
Anhydrite 1030			
Salt top 2420			
Pay 3420-3550			
ANOMALOUS REPAIRS			
IN OIL AND GAS WELLS			
WELL LOGS			
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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 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