

A blank 10x10 grid with a small 'X' mark in the second column, fifth row.

LOCATE WELL CORRECTLY

U. S. LAND OFFICE -----
SERIAL NUMBER 030168-A -----
LEASE OR PERMIT TO PROSPECT Lease -----

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box CC Hobbs, N. M.
 Lessor or Tract Eaves A-19 Field Jal State New Mexico
 Well No. 3 Sec. 19 T. 26 R. 37 Meridian N.M.P.M. County Lea
 Location 2310 ft. [N.] of S Line and 330 ft. [E.] of W Line of Sec 19 Elevation 2924
(Check box relative to general)

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 February 16, 1937 Title District Supt.

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

Commenced drilling 1-3-37, 1937 Finished drilling 2-14-37, 1937

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3135 to 3192 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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

Size casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13"	50#	8	Nat'l	24712"	TP				
9-5/8"	30#	8	Nat'l	155615"	Cement guide shoe				
7-1/2"	21#	10	Nat'l	30424"	Cement guide shoe & float collar				
2"	4.70#		Nat'l	317711"	(Smls. Steel upset tubing)				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13"	263	175	Halliburton		
9-5/8	1563	450	do		
7"	3087	400	do		
2"	3180'				

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material	Size
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SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 3192 feet, and from _____ feet to _____ feet

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

DATES

February 16, 1937 Put to producing February 16, 1937

The production for the first 24 hours was 960 barrels of fluid of which 100 % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours 517,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

Bill McCousland, Driller

_____, Driller _____, Driller

FORMATION RECORD

[illegible]

OVER

16-42094-3

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FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
0	30		Surface Sand
30	141		Redrock and sand
141	252		Sand
252	275		Sand & redbed
275	290		Redbed
290	310		Hard sand and redbed
310	392		Hard sand
392	550		Redbed and sand
550	614		Redbed and redrock
614	675		Sand & redrock
675	771		Redrock & redbed
771	848		Redrock & redbed and sand.
848	1150		Redrock & sand
1150	1296		Anhydrite
1296	1302		Broken anhy & blue shale
1302	1350		Anhydrite & shale
1350	1378		Redrock, shale & sand
1378	1455		Anhydrite & redrock
1455	1550		Anhydrite, salt & redrock
1550	1576		Anhydrite
1576	1585		Salt
1585	1598		Anhydrite
1598	1640		Salt & anhydrite shells
1640	1697		Salt, anhy shells & redrock
1697	1726		anhydrite
1726	1807		anhydrite & redbed
1807	1824		Anhydrite
1824	1921		Salt & Anhydrite
1921	2045		Salt & potash
2045	2105		Anhydrite, salt & potash
2105	2110		Anhydrite, salt & potash
2110	2205		Salt & potash
2205	2230		Anhydrite, salt & potash
2230	2314		Salt & potash
2314	2330		Anhydrite
2330	2340		Anhydrite & salt
2340	2375		Anhydrite
2375	2400		Anhydrite & salt
2400	2420		Anhydrite
2420	2450		Anhydrite & salt
2450	2460		Anhydrite
2460	2500		Anhydrite & salt
2500	2670		Anhydrite & salt
2670	2718		Anhydrite
2718	2795		Anhydrite & lime
2795	3192		Lime.

Total depth 3192'.—Pay 3135 to 3192 Lime. Drill stem test from 3046 to 3090 open 7 Mins. showed 2830 MCF gas & 180' drilling fluid. 2" upset tubing was set at 3180' and well made an initial production of 40 bbl. oil per hr with 517,000 cu. ft. of gas flowing thru 3/4" choke on 2" tubing. Humble Pipe line connected and will run top allowable effective 2-16-37. This well was not shot or acidized.

HISTORY OF OIL OR GAS WELL

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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.

CEMENT RECORD

WATERFLOODING RECORD

DATE OF LAST WORK ON WELL

LOG OF WELL WORK

DATE OF LAST WORK ON WELL

WATERFLOODING RECORD