

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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Company Continental Oil Company Address Box 88, Hobbs, N.M.

Lessor or Tract J. L. Reed A-3 Field Monument State New Mexico

Well No. 3 Sec. 3 T. 20 R. 36 Meridian N.M.P.M. County Lea

Location 1980 ft. N. of S Line and 660 ft. E. of E Line of Sec. 3 Elevation 3619
(Derrick floor relative to sea level)

of the well and all work done thereon

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 /s/ H. L. Johnston

Date September 1, 1936

Title_____District Supt._____

Date _____

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

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Commenced drilling July 7, 1936 Finished drilling August 24, 1936

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3876 to 3930

No. 2, from to

No. 3, from to

No. 4, from to

No. 5, 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

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	40.50	8	SH IW	230' 5"	TP				
7-5/8"	26.40	10	Smls.	1234' 8"	Cement guide shoe				
5-1/2"	20.00	10	Smls.	3816' 9"	Cement guide shoe & float collar				
2-1/2"	51.50	New Smls.	tubing	set at 3908'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	245'	200	Halliburton		
7-5/8"	1245'	400	do		
5-1/2"	3802'	425	do		

PLUGS AND ADAPTERS

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Heaving plug—Material ----- Length ----- Depth set -----

Adapters—Material ----- Size -----

SHOOTING RECORD

SHOOTING RECORD						
Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

TOOLS USED

Rotary tools were used from _____ 0 _____ feet to _____ 3930 _____ feet, and from _____ feet to _____ feet

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

DATES

Sept. 1 - 1936, 1936

Put to producing Sept. 1, 1936, 1936

76.1 % of oil of which 100 % was oil: %

Sept. 1 - 1936, 19____
The production for the first 24 hours was 768 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
_____ 1,000 cu. ft. of gas

If gas well, cu. ft. per 24 hours 1,200,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____
 R. B. Douglas EMPLOYEES Tax Parks G. White _____, Driller

_____, Driller

_____, Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION

16-43094

GEORGE ORSON WELLS

[illegible]

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 "sideracked" 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 balling.

HISTORY OF OIL OR GAS WELL

FORMATION	TOTAL FEET	TO
Sand	56	0
Sand & Shells	185	56
Redbed	250	185
Redbed & Hard sand	281	250
Redbed & Redrock	937	281
Redrock	1178	937
Redrock	1197	1178
Redrock	1203	1197
Anhydrite shells	1883	1203
Salt & Anhydrite	2155	1883
Salt	2421	2155
Salt & Anhydrite	2480	2421
Anhydrite & Lime	2492	2480
Broken Lime	2857	2492
Lime	2890	2857
Lime & Sand	2908	2890
Lime	2924	2908
Sand & Lime	3066	2924
Lime & Sand	3287	3066
Lime	3315	3287
Brown Lime	3635	3315
Lime	3660	3635
Broken Lime	3868	3660
Lime	3875	3868
Sandy Lime	3930	3875
Lime, Total Depth	3782-3800	3930
Fluid. Drill stem test from 3805 to 3850 open 6 minutes showed 2190 MCF gas and 120' drilling estimated 129 MCF gas.		
5 1/2" OD casing was set at 3802' & cemented with 425 sacks cement. Well was tested 45 bbls. oil per hour & 17.50 MCF gas flowing between drill pipe & casing at total depth of 3930'. 2 1/2" tubing was run & set at 3908'. Production of 32 bbls. oil per hour & 1200 MCF gas flowing thru 3/4" choke on 2 1/2" tubing. Texas Pipe Line running 80% of top allowable effective 9-1-36.		
FORMATION TOPS		
Anhydrite	1200	
Salt Base	2520	
Pay	3876-3930	

FORMATION RECORD—Continued