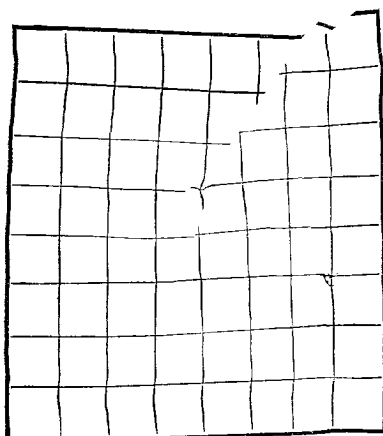


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032326
LEASE OR PERMIT TO PROSPECT Lease



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 07 - Hobbs, New Mexico
Lessor or Tract Block A-20 Field J-1 State New Mexico
Well No. 1 Sec. 20 T. 24 R. 31 Meridian N.M.P.M. County Lea
Location 1980 ft. (N) of S Line and 660 ft. (E) of W Line of Sec. 20 Elevation 3261
(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 /s/ H. L. Johnston

Date March 21, 1938 Title Dist. Supt.

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

Commenced drilling 1-19-38, 1938 Finished drilling 2-25-38, 1938

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3490 to 3585 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	220	225	Halliburton		
7 5/8"	1187	425	Halliburton		
5 1/2"	3210	425	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
60mm	Mk II	TNT	1 lb.	Aug 1947	8' - 10'	8' - 10'

TOOLS USED

Rotary tools were used from 0 feet to 3585 feet, and from _____ feet to _____ feet.

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

DATES

March 21, 1938, 19 Put to producing March 16, 1938, 19

The production for the first 24 hours was 140 barrels of fluid of which 100 % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours 1,140,000 Gallons gasoline per 1,000 cu. ft. of gas _____

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

EMPLOYEES

J. H. McWilliams, Driller E. C. Neithercutt, Driller

_____, Driller **Ted Firth**, Driller

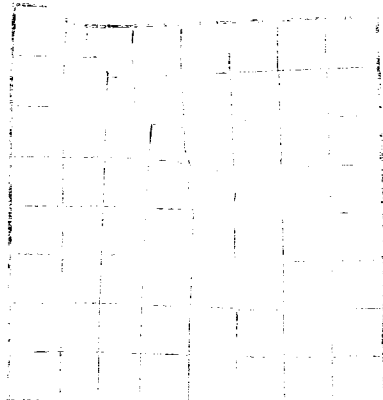
FORMATION RECORD

[illegible]

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
BUREAU OF GEOLOGICAL SURVEY

UNITED STATES



Company _____
Location of well _____
The following information is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.
Signed _____
Date _____

The source of this log is for the condition of the well at the date
(or the need arising) _____
The source of this log is for the condition of the well at the date

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____

IMPORTANT WATER SANDS

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

CASING RECORD

From _____ To _____
Perforated _____
Perforated _____

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
"detracked" or left in the well, give its size and location. If the well has been dynamited, give date, 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

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

From	To	Amount of mud used	Mud gravity

PLUGS AND BRIDGES
Salt base 2660
Anydrite 1130
Size _____

FORMATION RECORD

From _____ To _____
Quantity _____
Depth _____

Gulf Oil Corp. to connect and run top allowable effective 3-16-38. This well
was shot, but not acidized.

on 2" tubing.
If 35 bbls. oil in 6 hours (170 bbls. daily) with 1740 MCF gas thru 16/64" choke
30 quarts of Nitro and later successfully shot with 20 quarts from 3565 to 3585.

1740 MCF gas thru 16/64" choke
30 quarts of Nitro and later successfully shot with 20 quarts from 3565 to 3585.

DATE

DATE	FORMATION	DEPTH	REMARKS
130	Surface sand	200	
130	Caliche	220	
130	Redrock	220	
130	Redbed and shells	560	
130	Sandrock	640	
130	Redbed	680	
130	Sand rock	705	
130	Sandy lime	720	
130	Redbed	720	
130	Broken sandy lime and redbed	950	
130	Redbed	970	
130	Shells and redbed	980	
130	Redbed	1040	
130	Redbed	1122	
130	Redbed and shells	1130	
130	Redbed	1215	
130	Anydrite	1510	
130	Salt and anydrite shells	1510	
130	Anydrite	1546	
130	Salt and shells	1580	
130	Salt and shells	1630	
130	Salt	1630	
130	Salt and anydrite shells	1960	
130	Salt and anydrite shells	2210	
130	Salt	2600	
130	Salt and anydrite	2600	
130	Anydrite	2620	
130	Salt and anydrite	2650	
130	Anydrite	2685	
130	Salt and anydrite	2690	
130	Gray lime and shells	2698	
130	Broken lime	2714	
130	Anydrite and GYP	2730	
130	Anydrite	2795	
130	Anydrite and lime	2807	
130	Lime	2850	
130	Brown lime	2875	
130	Lime	2890	
130	Lime and anydrite	3078	
130	Shale	3085	
130	Lime and anydrite	3100	
130	Lime	3585	