



U. S. LAND OFFICE \_\_\_\_\_  
 SERIAL NUMBER \_\_\_\_\_  
 LEASE OR PERMIT TO PROSPECT \_\_\_\_\_  
 MINES DEPARTMENT  
 THE INTERIOR  
 SURVEY  
 GEOLOGICAL SURVEY  
 WASHINGTON

# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

Company Continental Oil Company Address Box 427, Hobbs, New Mexico  
Lessor or Tract S&M-J. M. Shaggs B-13 Field Shaggs State New Mexico  
Well No. 2 Sec. 13 T. 20S R. 37E Meridian N.M.P.M. County Lea  
Location 1980 ft. N of S Line and 660 ft. EX of E Line of Section 13 Elevation 3557  
(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 April 29, 1952 Signed W. E. Wilson  
Title District Superintendent

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

Commenced drilling March 14, 1952 Finished drilling April 6, 1952

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3768 to 3812 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	254	226	Pump & Plug		
5 1/2	3746	1570	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
		Nitro	230	7-52	3700-3882	T.D. 3882'

## TOOLS USED

Rotary tools were used from 0 feet to 3022 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing April 15, 1952

The production for the first 24 hours was ~~107~~ barrels of fluid of which ~~100~~ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. ~~35~~

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

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

## EMPLOYEES

J. E. Holly, Driller J. E. Patton, Driller

\_\_\_\_\_, Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1370	1370	Red Sand and Red Shale.
1370	1500	130	Anhydrite and Shale.
1500	2490	990	Salt and Anhydrite.
2490	2760	270	Anhydrite and Red Shale.
2760	2880	120	Dolomite and Anhydrite.
2880	3600	720	Anhydrite and Red Shale.
3600	3720	120	Dolomite, Anhydrite and Shale.
3720	3825	105	Dolomite, Anhydrite and Sand.
3825	3882	57	Dolomite.

Set 5 1/2" casing at 3746' and drilled plug out to T.D. 3882'. After recovering 86 bbls. oil load, well swabbed 20 bbls. oil, out with 20% sand in 5 hours. Swabbed 13 bbls. on 8-hour test. Mud cleaned up. Shot with 230 quarts from 3882' to 3780'. Ran 10' gravel and 8 sacks Calceal. Cleaned out shot hole to T.D. 3882'. After recovering oil load of 85 bbls., swabbed 95 bbls. of new oil in 9 hrs. Gas breaking around fluid. GP 200 psi. On initial potential flowed 77.3 bbls. of 35 deg. gravity oil, no water, in 17 hrs. thru 14/64" choke on 2 1/2" tubing for a daily potential of 189 bbls. oil, no water. Gas volume 106 MCF per day. GOR 990. GP 1,000#. TP 575#. 2 1/2" tubing set at 3872'.

