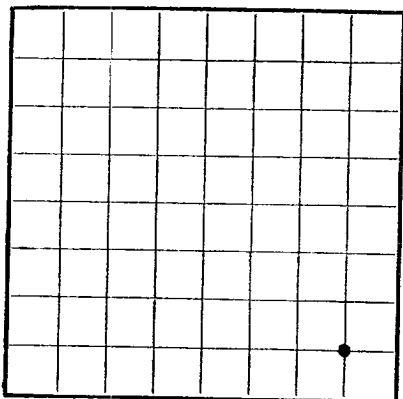


U. S. LAND OFFICE **Hobbs, N.M.**
 SERIAL NUMBER **LC 070315**
 LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **WILSON OIL COMPANY** Address **P. O. Box 1436**
 Lessor or Tract **Muse** Field **Middle Lynch** State **New Mexico**
 Well No. **2** Sec. **21** T. **20S** R. **34E** Meridian **NMPM** County **Lea**
 Location **660** ft. ^(N.) of **S.** Line and **660** ft. ^(W.) of **E.** Line of **Sec. 21** Elevation **3674**
(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 *[Signature]*
 Date **January 7, 1958** Title **Vice President**

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

Commenced drilling **11-25**, 19**57** Finished drilling **12-31-**, 19**57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from to 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 **890** to No. 3, from **3703** to
 No. 2, from **3680** 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-	
13-3/8	48#	10	SH	65.89	TP	-			Surface
10-3/4	32.75#	10	SH	689	TP	Pulled			Cave
8-5/8	28#	10	SH	1227	TP	Pulled			Water Shut-
5-1/2	14#	8 rd	N	3530	TP	3207 - Pulled			Oil Stg.off

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	73	100 sacks			
10-3/4	689	Mudded			
8-5/8	1227	Mudded			
5-1/2	3532	50 sacks			

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 feet to feet, and from feet to feet
 Cable tools were used from **0** feet to **3703** feet, and from feet to feet

DATES T.D.

....., 19..... Put to producing 19.....

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

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

H. Rickman, Driller **A. R. Sprawls**, Driller
R. M. Jones, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	60	60	Sand & Caliche
60	165	105	Red Bed
165	230	65	Shale, Sand
230	689	459	Red Shale
689	890	201	Sandy Red Shale
890	925	35	Sand, WATER
925	1210	285	Red Shale
1210	1227	17	Sandy Red Shale
1227	1570	323	Red Shale
1570	1600	30	Anhydrite
1600	1625	25	Salt, Red Shale, Anhydrite
1625	1705	80	Anhydrite
1705	1765	60	Salt
1765	1840	75	Salt & Anhydrite
1840	2100	260	Salt & Red Shale
2100	3050	950	Salt & Polyhalite
3050	3130	80	Salt & Anhydrite
3130	3260	130	Salt & Anhydrite
3260	3275	15	Anhydrite
3275	3295	20	Lime
3295	3355	60	Lime & Anhydrite
3355	3455	100	Lime
3455	3508	53	Sand
3508	3513	5	Sandy Blue Shale
3513	3565	52	Lime & Sand

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.

FROM-	TO-	TOTAL FEET	FORMATION
3565	3599	34	Lime
3599	3640	41	Lime, sand, shale
3640	3650	10	Sand
3650	3665	15	Lime
3665	3682	17	Lime & sand
3682	3701	19	Lime
3701	3703	2	Sand - WATER
			TOTAL DEPTH
			T. A. 1570
			T. X. 1725
			B. X. 3220
			T. Y. 3430

HISTORY OF OIL OR GAS WELL

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

LOG ON ONE OF OUR WELLS

ADDRESS OF NEAREST TOWN

SECTION

RANGE

