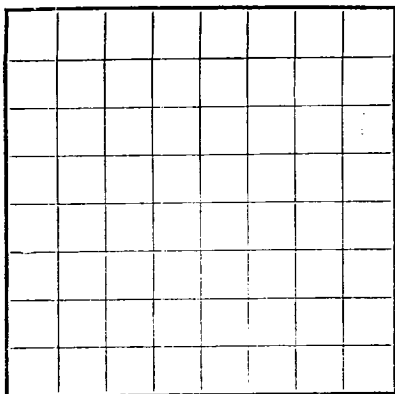


Copy sent to S. B.

Form 9-330

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 0533
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company LEONARD OIL COMPANY Address Box 708, Roswell, New Mexico
Lessor or Tract Hobbs-Federal Field Wildcat State New Mexico
Well No. Hobbs #3 Sec. 23 T. 15S R. 30E Meridian N.M.P.M. County Chaves
Location 660 ft. N. of S. Line and 660 ft. W. of E. Line of Section 23; Elevation 4185 - GL
(Derrick floor relative to sea level) DF

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 Robert J. Leonard

Date April 15, 1957 Title Robert J. Leonard, Pres.

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

Commenced drilling March 24, 1957 Finished drilling April 9, 1957

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

No. 1, from 2748 to 2756 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. 3, from _____ to _____
No. 2, from _____ 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—	
10-3/4"	32#			214'					Water Shut-off
7"	20#			2900'					
RECORD OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	214'	215	(Circulated (Work by Denton)		
7"	2900	50	(Denton)		

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

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was None 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

B. D. Chrisman, Driller P. J. Carre, Driller
W. I. Trembly, Jr., Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	98	98	Caliche & Red Beds
98	221	123	Red Beds With Sand Streaks
221	250	29	Red Beds
250	340	90	Gray Sand W/Strks Red Beds
340	405	101	Gray Sand
405	478	73	Red Beds
478	930	452	Red Beds W/Strks Sand & Anhydrite
930	1260	330	Anhydrite W/Salt Strks
1260	1460	200	Salt W/Strks Anhydrite
1460	1780	320	Salt
1780	1950	170	Anhydrite
		125	Anhydrite W/Strks Gdn & Salt

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.

HISTORY OF OIL OR GAS WELL