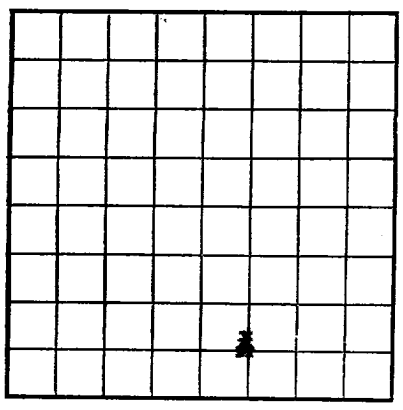
Budget Bureau No. 42-R355.
Approval expires 11-30-46.

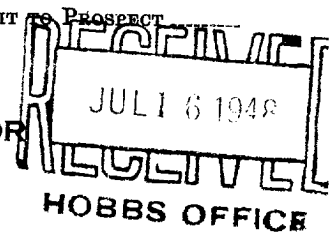
Form 9-330

U. S. LAND OFFICE LAS CRUCES
SERIAL NUMBER 059576
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company LEONARD NICHOLS Address 1301 MERCANTILE BANK BLDG., DALLAS, TEXAS

Lessor or Tract ILLES Field ROBERTS State NEW MEXICO

Well No. 6 Sec. 3 T. 17S R. 32E Meridian N.M.P.M. County LEA

Location 660 ft. {N.} of 5 Line and 1905 ft. {W.} of E Line of SEC. 3-17S-32E Elevation ____
(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 J. Rex Holmes

Date JULY 14, 1948 Title Agent

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

Commenced drilling MAY 8, 1948, 19 48 Finished drilling JULY 13, 19 48

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 4075 to 4080 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 3456 to 3474 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 From—	Perforated To—	Purpose
8 5/8	28#	8 V	Mals	1344	TEX. PAT.				surface
5 1/2	17#	10 rd.	Mals	4063	float				oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	1344	50 sacks	Halliburton		
5 1/2	4063	100 sacks	Halliburton		

FOLD | MARK

PLUGS AND ADAPTERS

Heaving plug—Material none Length ____ Depth set ____

Adapters—Material none Size ____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	none					

TOOLS USED

Rotary tools were used from 0 feet to 1344 feet, and from ____ feet to ____ feet

Cable tools were used from 1344 feet to 4080 feet, and from ____ feet to ____ feet

DATES

July 13, 19 48 Put to producing July 14, 19 48

The production for the first 24 hours was 96 barrels of fluid of which 10% 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

Earl Wright, Driller J. C. Watson, Driller

Earl Howell, Driller N. E. Oliver, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	40	40	CALECHE
40	116	76	ANHYDRITE & SAND
116	150	34	SAND
150	363	213	RED BED
363	695	332	RED BED & SHELLS
695	990	295	RED SHALE & LIME SHELLS
990	1005	15	BLUE SHALE
1005	1103	98	SHALE & SHELLS
1103	1132	29	ANHYDRITE & SHALE
1132	1173	41	RED & BLUE SHALE
1173	1188	15	SHALE & SHELLS
1188	1200	12	RED & BLUE SHALE
1200	1220	20	RED SHALE & LIME SHELLS
		51	LIME
1416		57	SHALE & SHELLS
		1[illegible]	ANHYDRITE - ST 8 5/8" PIPE
			SHALE & ANHYDRITE

[illegible]		880	SALT
2295		200	ANHYDRITE
2495	2543	48	RED BED
2543	2875	332	ANHYDRITE
2875	2890	15	LIME
2890	3456	566	ANHYDRITE
3456	3474	18	RED SAND
3474	3489	15	ANHYDRITE
3489	3495	6	SAND
3495	3496	1	LIME
3496	3515	19	ANHYDRITE
3515	3520	5	BLUE SHALE
3520	3528	8	ANHYDRITE
3528	3532	4	LIME
3532	3538	6	BLUE SHALE
3538	3585	47	ANHYDRITE
3585	3607	22	LIME, ANHYDRIT & BROWN SHALE
3607	3645	38	ANHYDRITE
3645	3662	17	RED SHALE
3662	3671	9	BROKEN ANHYDRITE
3671	3690	19	SHALE
3690	3725	35	ANHYDRITE
3725	3728	3	LIME
3728	3922	194	SHALE & ANHYDRITE
3922	4075	153	LIME
4075	4080	5	OIL SAND
4080	T. D.		

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HISTORY OF OIL OR GAS WELL

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.