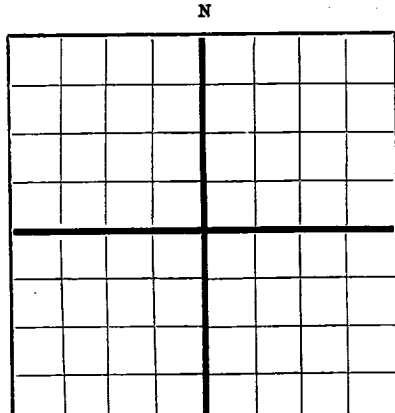


FEB 28 1950

AREA 640 ACRES
LOCATE WELL CORRECTLYNEW MEXICO OIL CONSERVATION COMMISSION Comm.
Santa Fe, New Mexico Artesia Office

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

R. L. Harrison

Albuquerque, New Mexico.

Company or Operator **Leonard** Well No. **3** in **NW 1/4 SW 1/4 NE 1/4** of Sec. **36**, T. **16S**, R. **31E**, N. M. **from Robinson** Field, **from Eddy** County. **1650** feet south of the North line and **2310** feet west of the East line of **the NW 1/4 SW 1/4 NE 1/4 - Sec. 36**. **B -161** Assignment No. **T. 16S - Rge 31E**

If patented land the owner is....., Address.....

If Government land the permittee is....., Address.....

The Lessee is....., Address.....

Drilling commenced **February 26,** 19**49** Drilling was completed **May 2,** 19**49**

Name of drilling contractor **Sam Sanders**, Address **Box 398, Artesia, N. M.**

Elevation above sea level at top of casing.....feet.

The information given is to be kept confidential until.....19.....

OIL SANDS OR ZONES

No. 1, from **show of Oil 3390** to..... No. 4, from **Oil & Gas from 3940** to **3949**

No. 2, from **show of Oil 3785** to..... No. 5, from..... to.....

No. 3, from **Gas from 3915** to **3927** No. 6, from..... to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from **Water at 785** to.....feet.

No. 2, from.....to.....feet.

No. 3, from.....to.....feet.

No. 4, from.....to.....feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
8"				1015'		50 Sacks Cement	3-14-49		
7" O. D.				at 3640'		100 Sack Cement	4-15-49		

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
	8"	1015	50 Sacks			
	7"	3640	100 Sacks			

PLUGS AND ADAPTERS

Heaving plug—Material.....Length.....Depth Set.....

Adapters — Material.....Size.....

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Glycerin	160 Qts	4-22-49	from 3780 to 3821	

Results of shooting or chemical treatment.....

.....

.....

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from **0** feet to **Total Depth** feet, and from.....feet to.....feet

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

PRODUCTION

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

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

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

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

EMPLOYEES

Clyde Hicks, Supt......, Driller **W. T. Martin**....., Driller

Max R. Stephens....., Driller....., Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this....., 19.....

day of....., 19.....

Notary Public

Place.....Date.....

Name.....

Position.....

Representing.....

Company or Operator

My Commission expires.....Address.....

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20	20	Caliche
20	190	170	Red Bed
190	210	20	Sand
210	290	80	Gray Shale
290	300	10	Sand
300	390	90	Shale - Red & Blue Shale
390	540	150	Shale & Red Rock - Red Rock
540	575	35	Red Shale
575	600	25	Red Rock
600	640	40	Red Sand
640	700	60	Sand - Hard
700	737	37	Red Rock
737	785	48	Sand & Red Rock - Water
785	865	80	Red Rock
865	995	130	Anhydrite
995	1005	10	Broken Anhydrite
1005	1025	20	Salt
1025	1075	50	Broken Anhydrite, Shale & Salt
1075	1850	775	Salt
1850	1865	15	Anhydrite
1865	2000	135	Salt
2000	2060	60	Anhydrite & Red Shale
2060	2360	300	Anhydrite
2360	2400	40	Anhydrite & Red Shale
2400	2805	405	Anhydrite
2805	2850	45	Anhydrite & Shale
2850	2860	10	Sand
2860	2905	45	Anhydrite
2905	2955	50	Anhydrite & Shale
2955	3265	310	Anhydrite
3265	3305	40	Red Rock & Anhydrite
3305	3350	45	Anhydrite & Shale
3350	3400	50	Anhydrite & Red Rock - Light show of Oil 3390
3400	3455	55	Broken Anhydrite
3455	3490	35	Anhydrite & Red Rock
3490	3517	27	Broken Anhydrite
3517	3530	13	Gray Lime
3530	3580	50	Lime
3580	3610	30	Anhydrite & Shale
3610	3675	65	Lime
3675	3690	15	Broken Lime
3690	3710	20	Lime
3710	3735	25	Sandy Lime
3735	3778	43	Lime
3778	3800	22	Broken Lime - Show of Oil 3785
3800	3840	40	Lime & Gray Lime
3840	4020	180	Lime - Gas 3915 to 3927 Increase Oil & Gas at Increase 3940 to 3949

Filled hole with Gravel from T. D. Back to 3980 - Getting Ready for shot

Bridged back from 3853 to 3821