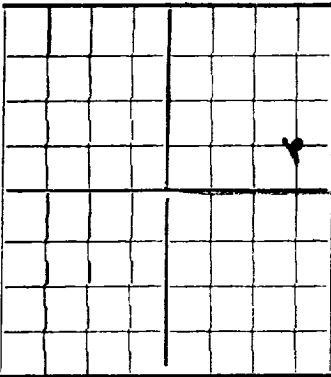


N.

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## 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.

Repelle Oil Co.

Tulsa, Okla.

Company or Operator  
State #157 "G" Well No. 1 in E.B. quarter of Sec. 5, T. 22S  
Lease  
R. 36E, N. M. P. M., So. Emdice Field, Lea County.  
Well is 660 feet north of the South line and 660 feet west of the East line of 11/4 Sec. 5  
If State land the oil and gas lease is No. 157 Assignment No.  
If patented land the owner is , Address  
If Government land the permittee is , Address  
The Lessee is , Address  
Drilling commenced Sept. 14, 1943 19 Drilling was completed Oct. 12, 1943 19  
Name of drilling contractor Gardner Bros. , Address Dallas, Texas  
Elevation above sea level at top of casing 3605 feet.  
The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 3629 to 3684 No. 4, from to  
No. 2, from to No. 5, from to  
No. 3, from to 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 none 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 FROM TO	PURPOSE
9 5/8"	OD 36	8RT		312				
5 1/2"	OD 15 1/2	8RT		3796				
2 1/2"	4.7	8RT		3881				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 3/4	9-5/8	318'	125	Halliburton		
8 3/4	5-1/2	3608'	200	Halliburton		

## 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
		HCL 15%	1,000 gal.	10-18-43	3615-3834	
		HCL 15%	1,000 gal.	10-19-43	3615-3884	
		HCL 15%	2,000 gal.	10-21-43	3615-3884	

Results of shooting or chemical treatment  
10-15-43 3,000 ' 10-27-43 3615-3884  
10-19 / Swabbed dry; set 16 Hrs. Swabbed 5 Bbl. oil in 2 Hrs. 10-21- Flowed from 14 to 16 Bbl. oil in 1 Hr.

## 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 feet to 3634 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing Nov. 1, 19 43.  
The production of the first 24 hours was 16 barrels of fluid of which 100 % 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

A.D. Parks , Driller G. R. Simmons , Driller  
J.M. Darnell , 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 12th day of November, 19 43  
Notary Public. Name Position Dist. Sup.  
Representing Repelle Oil Co. Company or Operator  
My Commission expires Address Hobbs, N. Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	330	330	Sand & shells
330	1015	685	Red bed and shells
1015	1240	225	Shells & Shale
1240	1329	89	Redbed & Redrock
1329	1400	71	Shale & Shells
1400	1429	29	Shale & Anhydrite
1429	1490	61	Redbeds
1490	1525	35	Anhydrite
1525	1585	60	Anhydrite & Redrock
1585	1753	168	Salt & Anhydrite
1753	1985	232	Salt & Shells
1985	3025	1040	Salt & Anhydrite
3025	3102	77	Anhydrite
3102	3217	115	Anhydrite & Lime
3217	3265	48	Lime
3265	3285	20	Sand
3285	3296	11	Lime & Anhydrite
3296	3378	582	Lime
3378	3884	5	Dolomite

DEVIATION SURVEYS

500 feet	0 degrees from vertical
1000 "	3/4 "
1120 "	3/4 "
1330 "	0 "
1575 "	3/4 "
1750 "	1 "
1875 "	1 "
2050 "	1 "
2180 "	1/2 "
2365 "	0 "
2650 "	1 "
2780 "	1 1/2 "
2900 "	1 1/2 "
3000 "	1 1/2 "
3100 "	1 1/4 "
3190 "	1 1/2 "
3490 "	1 "
3580 "	1 "