

DUPLICATE

FORM C-105

RECEIVED  
DEC 7 1946  
HOBBS OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

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.

Grid area for well location, showing a 10x10 grid with a dot in the bottom-left corner.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

REPOLLO OIL COMPANY  
Company or Operator  
J.R. Cone  
Well No. 1 in SW of Sec. 26, T. 21S  
Lease  
R. 37E, N. M. P. M., Drikkard Field, Lea County.  
Well is 660 feet North of the South line and 660 feet East of the West line of Sec. 26  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is J.R. Cone, Address: Lovington, N.M.  
If Government land the permittee is, Address:  
The Lessee is, Address:  
Drilling commenced Sept. 15, 1946 Drilling was completed Oct. 29, 1946  
Name of drilling contractor Sawyer Drilling Co., Address: Tulsa, Okla.  
Elevation above sea level at top of casing 3385 feet.  
The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 6478 to 6548 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 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	
13 3/8"	48	3R R2	H40 SS	281	none				
8 5/8"	32	3Y R2	SS	2815	Float				
5 1/2"	17	3R R2	J55 SS	6545	Float				
2"UE	4.7#	3R R2	J55 SS	6504					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/4	13 3/8	285	300	Halliburton		
11	8 5/8	2817	1000	do		
7 5/8	5 1/2	6545	350	do		

PLUGS AND ADAPTERS

Heaving plug—Material none 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
		Reg. Acid	2000 Gal.	11/6/46	6463-6551	
		XF18W9 Acid	5000 "	11/9/46	6471-6511	

Results of shooting or chemical treatment 1st stage- Swabbed 46 Bbl. oil 12 hrs.  
2nd stage- do & flowed 250 Bbl. 24 hours.

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 6548 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing Nov. 16, 1946  
The production of the first 24 hours was 250 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

C.H. Patterson, Driller G. H. Laird, Driller  
LeBlond, 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

day of Dec.

My Commission expires

Hobbs, New Mex. 12/5/46  
Name: [Signature]  
Position: Dist. Supt.  
Representing: [Signature]  
Company or Operator  
Address:

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	193	193	Caliche & Redrock
193	1145	952	Redrock
1145	1450	305	Anhydrite
1450	2415	965	Shlt & Anhydrite
2415	2806	391	Anhydrite & Gyp
2806	3690	884	Anhydrite
3690	6546	2856	Lime

DRILL STEM TEST

Oct. 30<sup>th</sup>. From 6445' to 6546, tool open 2 hours, gas to surface in 9 minutes, Est. 100,000 Cu. Ft. Gas, 2600 Ft. fluid (4 Bbl. mud and 16 Bbl. oil, no water), Est. 8 Bbl. per hour.

Run Schlumberger electric well survey

DEVIATION SURVEYS

1000	Ft.	1 degree from vertical
1210	"	1 ditto
1850	"	1/8 ditto
2000	"	1 ditto
2500	"	1 ditto
2760	"	1 1/4 ditto
3000	"	1 1/4 ditto
3700	"	3/4 ditto
4000	"	3/4 ditto
4360	"	1/2 ditto
4790	"	1 1/2 ditto
5904	"	1 ditto
5975	"	0 ditto