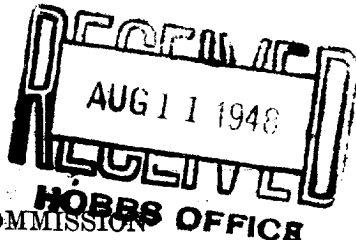


AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

REPOLLO OIL COMPANY Box 1427 Hobbs, N.M. - Box 521 Tulsa, Okla.
Company or Operator Address
Elmer C. Hill Well No. **1** in **SE 1/4 of SE 1/4** of Sec. **26**, T. **21S**
Lease
R. **37E**, N. M. P. M., **Hlinahry** Field, **Hobbs, N.M.** Lea County.
Well is **460** feet south of the North line and **660** feet west of the East line of
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is **Elmer C. Hill** Address **Hobbs, N.M.**
If Government land the permittee is Address
The Lessee is Address
Drilling commenced **5-26-48** 19 Drilling was completed **7-30-48** 19
Name of drilling contractor **Clay and Gaskins** Address **Hobbs, N.M.**
Elevation above sea level at top of casing **3375** feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from **5649** to **5709** 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 **2** feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
10 3/4	40.5	8		256	Larkin				
7 5/8	26.4	8		2815	"				
5 1/2	17	8		5811	"		5649	5709	Produce oil
2 3/8	4.7	8		5720					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
12	10 3/4	260	250			
8	7 5/8	2816	1000			
6	5 1/2	5812	300			
	2 3/8	5720				

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
		Acid	1000	7-27-48	5649-5709	
		"	3000	7-29-48	"	

Results of shooting or chemical treatment **Flowed 124.93 bbl. in 24 hrs.**

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 **7631** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing August 1 1948
The production of the first 24 hours was **125** barrels of fluid of which **99** % was oil; **1** % emulsion; **1** % water; and **39** % sediment. Gravity, Be. **GOR 960**
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas **None**
Rock pressure, lbs. per sq. in.

EMPLOYEES

Jack Finer Driller **J. A. Pearce** Driller
E. A. Malles Driller

FORMATION RECORD ON OTHER SIDE

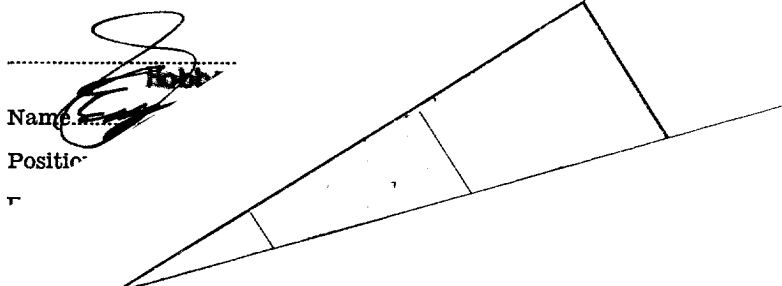
I hereby swear or affirm that the information given herewith is a complete and correct record of the well so far as can be determined from available records.

Subscribed and sworn to before me this **10** th

day of **August**, 19 **48**

D. H. Stued Notary Public

My Commission expires **2-4-50**



FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	64	64	Caliche
64	1219	1155	Redbed
1155	1302	83	Anhydrite & Redbed
1302	2419	1117	" & Salt
2419	2541	122	"
2541	2912	371	" & Gyp
2912	3114	202	" & Lims
3114	3462	348	Lims
3462	3497	35	Lims (sandy)
3497	4545	1048	Lims
4545	4601	56	Lims (sandy)
4601	5375	151	Lims
5375	5404	29	" & shale
5404	5436	32	" & Gyp
5436	5511	75	Lims
5511	5544	33	" & Gyp
5544	6607	1060	Lims
6607	6639	32	Lims & Anhydrite streaks
6639	7205	566	Lims
7205	7229	24	Lims & shale
7229	7256	27	Lims
7256	7284	28	Lims & Chert
7284	7406	122	Lims
7406	7438	32	Lims & Chert
7438	7448	10	Lims (hard)
7448	7475	27	Lims
7475	7480	5	Quartzite
7480	7481	1	Red Shale
7481	7490	9	Quartzite
7490	7504	14	Lims & Granite wash
7504	7524	20	Lims
7524	7601	77	Lims & Granite wash & streaks of chert
7601	7631	30	Lims & Granite wash

Drilled to 7631 (surface steel line measurement) Cored 7627 to 7631
Plugged back w/45 sacks of cement to 5958 -

DST-5197 to 5224 - 3 1/2" Drill pipe - open 1 Hr. Slight blow thru out test - No gas to surface - recovered 40' of slightly oil & gas cut mud - No water

DST-5638 to 5689 - 3 1/2" Drill pipe - Open 1 Hr. Gas to surface in 1 Hr. - Good blow - Recovered 165' of fluid (85' of mud & 80' of heavy oil & gas cut mud) Flow Press. 1750 - 15 Min. BHP 4500

Acidized w/1000 Gal. Mud Acid - Scrubbed 23 Hrs. 72 Hbl. fluid - Saw blood 24 Hrs. 46 Hbl. fluid (No oil or gas) 5649 to 5709

Acidized w/3000 Gal. 15% Reg. acid - 5649 to 5709 - Scrubbed & flowed 16 Hrs. 150 Hbl. water & 30 Hbl. oil - Flowed 14 Hrs. 110 Hbl. Oil cut 2 1/2 - Qty. 39 GOR 625

Aug. 5th - Flowed 24 Hrs. 124.93 Hbl. oil thru 11/64" & 18/64" chokes - CP 1000 - 1100W - CP at end of 24 Hrs. 920W - 1.4% water at end of 24 Hrs. Qty. 39 - GOR 960

DEVIATION LOG

DEPTH	DEVIATION OFF	DEPTH	DEVIATION OFF
539	3/4	3014	1
799	1	3829	1 1/2
1369	1	4199	1 1/4
1549	1 1/4	4649	1 1/2
1999	1 1/4	4925	1 1/2
2504	2	5209	1 1/2
2687	2 1/2	5514	1 1/2
2839	2 1/2	5644	1 1/4
2921	2	5969	1
3009	2	6389	1 1/2
3069	1 3/4	6981	1 1/2
3189	1 3/8	6729	1 1/2
3284	1	7009	1 1/4
3439	7/8	7249	1
		7289	1 3/4
		7579	1