

# 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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

REPOLLO OIL COMPANY

HOBBS, NEW MEXICO

Company or Operator **H. S. Turner** Address **Hobbs, N.M.**  
Well No. **4** in **34** of Sec. **29**, T. **21S**  
Lease **37E** N. M. P. M. **Drinkard** Field, **Lea** County.  
Well is **660** feet south of the North line and **660** feet west of the East line of **Sec. 29**  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is **Hasel J. Turner** Address **Bunice, N.M.**  
If Government land the permittee is Address  
The Lessee is Address  
Drilling commenced **1/9/48** 19 Drilling was completed **2/16/48** 19  
Name of drilling contractor **Eastland Oil Company** Address **Fort Worth, Tex.**  
Elevation above sea level at top of casing **3472** feet.  
The information given is to be kept confidential until 19

### OIL SANDS OR ZONES

No. 1, from **6519** to **6627** 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	
<b>13 3/8"</b>	<b>48</b>	<b>8RT H40 33 R2</b>		<b>315</b>	<b>none</b>				
<b>7 5/8"</b>	<b>26.4</b>	<b>8RT J55 33 R2</b>		<b>2796</b>	<b>Fleet</b>				
<b>5 1/2"</b>	<b>17</b>	<b>8RT J55 33 R2</b>		<b>6628</b>	<b>Fleet</b>				
<b>2"UE</b>	<b>4.7</b>	<b>8RT J55 33 R2</b>		<b>6605 Ft.</b>					

### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>13 3/8"</b>	<b>13 3/8</b>	<b>315</b>	<b>300</b>	<b>Halliburton</b>		
<b>7 5/8"</b>	<b>7 5/8</b>	<b>2797</b>	<b>1000</b>	<b>do</b>		
<b>5 1/2"</b>	<b>5 1/2</b>	<b>6627</b>	<b>400</b>	<b>do</b>		

### 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
		<b>acidized</b>	<b>2000 Gal.</b>	<b>2/22</b>	<b>6564-6609</b>	
		<b>do</b>	<b>4000 Gal.</b>	<b>2/24</b>	<b>6564-6609</b>	

Results of shooting or chemical treatment **70 Sol. oil & 65 Sol. water**

### 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 **6627** feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

### PRODUCTION

Put to producing **3/1/48** 19  
The production of the first 24 hours was **135** barrels of fluid of which **50** % was oil; % emulsion; **50** % 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

**L. Ingram** Driller **H.L. Irwin** Driller  
**J.H. Cook** 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 **23rd**

day of **March**, 19 **48**

Notary Public

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

**Hobbs, New Mexico** **3/23/48**

Name **W. J. Irwin**

Position **Dist. Supt.**

Representing **Repollo Oil Co.** Operator

Address **Hobbs, New Mexico**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	90	90	Sand & Shale
90	1222	1132	Red Bed & Shale
1222	1310	88	Anhydrite
1310	2450	1140	Anhydrite & Salt
2450	2630	180	Anhydrite
2630	3228	598	Anhydrite & Lime
3228	3550	322	Lime
3550	3860	310	Sandy Lime
3860	3925	65	Shale & Lime
3925	4278	353	Sandy Lime
4278	5185	907	Lime
5185	5245	60	Sandy Lime
5245	6435	1190	Lime
6435	6618	183	Lime & Shale
6618	6627	9	Brown Lime
D R I L L   S T E M   T E S T S			
1/24/48- DST #/ 3803 to 3949 Ft. Tool open 2 hours gas to surface, in 5 Min. Vol. 35 MCF per day- good blow thru out test- recovered 60' drilling mud- out with sulphur water- show of flow press. 200#, 15 Min. buildup press. 900#, hydrostatic press. 1800#.			
2/5/48- DST #/ 5159 to 5184 Ft. tool open 2 hours & 5 Min. slight blow air, stopped, recovered 120 Ft. of slightly oil & gas cut mud. Tasted salty.			
D E V I A T I O N   S U R V E Y S			
650 Ft. 1/2 Degree from Vertical			
1000 "	1/2	do	
1200 "	1/2	do	
1900 "	3/4	do	
2280 "	2	do	
2460 "	2 1/4	do	
2550 "	2 1/4	do	
2650 "	2 1/4	do	
2798 "	2	do	
2900 "	1 3/4	do	
3150 "	1 1/2	do	
3450 "	1 1/4	do	
3850 "	1	do	
4200 "	1	do	
4500 "	1	do	
4700 "	1	do	
4900 "	1/2	do	
5195 "	1/2	do	
5350 "	3/4	do	
5450 "	1	do	
5550 "	1	do	
5750 "	3/4	do	
5950 "	1/2	do	
6250 "	1/4	do	
6400 "	0	do	

*[Handwritten signature]*