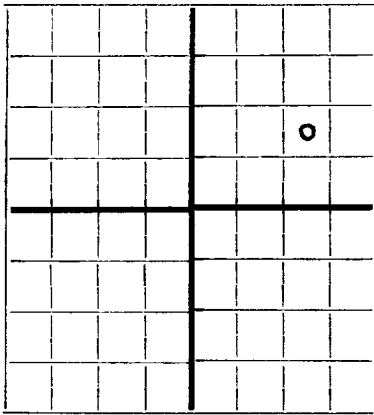
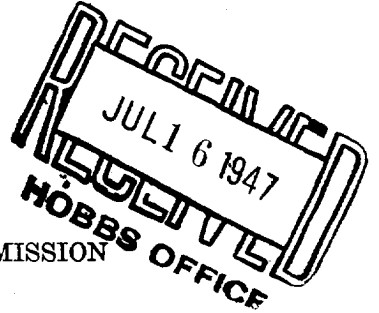


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## NEW MEXICO OIL CONSERVATION COMMISSION

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.

**Malco Refineries, Inc.** **Roswell, New Mexico**  
Company or Operator Address  
**Harbold** Well No. **7** in **SENE** of Sec. **35**, T. **17-S**  
Lease **27-E**, N. M. P. M., **Eddy** Field, **Eddy** County.  
Well is **1650** feet south of the North line and **990** feet west of the East line of **Sec. 35**  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is, Address.  
If Government land the permittee is **J. H. Harbold**, Address **El Paso, Texas**  
The Lessee is **Malco Refineries, Inc.**, Address **Roswell, New Mexico**  
Drilling commenced **7 June** 19**47** Drilling was completed **11 July** 19**47**  
Name of drilling contractor **S. P. Yates**, Address **Artesia, New Mexico**  
Elevation above sea level at top of casing **3594** feet.  
The information given is to be kept confidential until **Not Confidential** 19.

## OIL SANDS OR ZONES

No. 1, from **1610** to **1621** 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 **570'** to **587** feet. **Slight show**  
No. 2, from **680'** to feet. **Hole full water**  
No. 3, from **900** to feet. **Slight show**  
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>7"</b>	<b>19#</b>	<b>8</b>	<b>Lat'l. 1317'</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>8"</b>	<b>7"</b>	<b>1317'</b>	<b>100</b>	<b>Halliburton</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>4"</b>	<b>22'</b>	<b>Solidified</b>	<b>60 qts.</b>	<b>7-8-47</b>	<b>1606-1628'</b>	<b>1650'</b>

Results of shooting or chemical treatment **Increased production from 130 BOPD natural to approximately 240 BOPD**

## 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 feet, and from feet to feet  
Cable tools were used from **0** feet to **1650** feet, and from feet to feet

## PRODUCTION

Put to producing **11 July** 19**47**  
The production of the first 24 hours was **240** barrels of fluid of which **100** % was oil; %  
emulsion; % water; and % sediment. Gravity, Be **38**  
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. V. Miller**, Driller  
**W. P. Keith**, 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 **14th** day of **July**, 19**47** at **Roswell, New Mexico** **12 July 1947**  
Name **W. W. Lacey** Date

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	690	690	Anhydrite
690	800	110	Anhydrite & red sand
800	850	50	Anhydrite
850	930	80	Anhydrite & red sand
930	1045	115	Anhydrite
1045	1080	35	Anhydrite, red sand & pink dolomite
1080	1135	55	Anhydrite
1135	1145	10	Dolomite
1145	1220	75	Gray sand, red sand & anhydrite
1220	1245	25	Anhydrite
1245	1295	50	Red sand & anhydrite
1295	1325	30	Anhydrite
1325	1650	325	Buff dolomite, pink dolomite, gray sand & red sand.