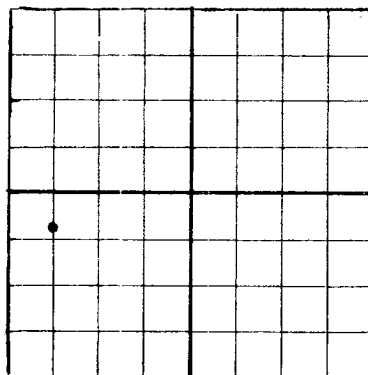
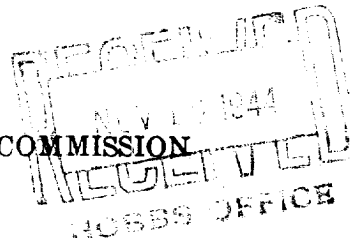


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## NEW MEXICO OIL CONSERVATION COMMISSION

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. 816 Lubbock National Bldg., Lubbock, Texas  
Company or Operator Address  
State "A" Well No. 3 in NW/SW of Sec. 31, T. 12-S  
Lease  
R. 32-S N. M. P. M. Caprock Field, Lea County.  
Well is 3300 feet south of the North line and 4620 feet west of the East line of Section 31  
If State land the oil and gas lease is No. 2-9676 Assignment No. 1  
If patented land the owner is ---- Address ----  
If Government land the permittee is ---- Address ----  
The Lessee is George P. Livermore, Inc. Address Lubbock, Texas  
Drilling commenced 9-17 1944 Drilling was completed 11-4 1944  
Name of drilling contractor J. R. Cockburn (Rotary) Address Hobbs, New Mexico  
Elevation above sea level at top of casing 4391 feet. (Cable) George P. Livermore, Inc.  
The information given is to be kept confidential until Not Confidential 19    

## OIL SANDS OR ZONES

No. 1, from 3004 to 3005 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	
<u>8 5/8</u>	<u>25.55</u>	<u>8</u>	<u>Nat'l</u>	<u>232</u>					<u>Surface</u>
<u>5 1/2</u>	<u>14</u>	<u>8</u>	<u>Nat'l</u>	<u>2970</u>					<u>Oil</u>

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>11</u>	<u>8 5/8</u>	<u>236</u>	<u>125</u>	<u>Pump &amp; Plug</u>		
<u>7 7/8</u>	<u>5 1/2</u>	<u>2973</u>	<u>600</u>	<u>Pump &amp; Plug</u>		

## 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
		<u>None</u>				

Results of shooting or chemical treatment Natural well - Not Shot or Acidized

## 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 2990 feet, and from      feet to      feet  
Cable tools were used from 2990 feet to 3005 feet, and from      feet to      feet

## PRODUCTION

Put to producing 11-4 1944  
The production of the first 24 hours was 140 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be 30  
If gas well, cu. ft. per 24 hours Oil well Gallons gasoline per 1,000 cu. ft. of gas       
Rock pressure, lbs. per sq. in.     

## EMPLOYEES

Tie Vowell (Rotary) Driller R. J. Coulson (Cable) Driller  
Robert Johnson (Rotary) Driller      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 7thday of November 1944      
Notary PublicMy Commission expires 6-1-45

Lubbock, Texas 11-4-44

Name Bryan L. DensonPosition EngineerRepresenting Malco Refineries, Inc.Address 816 Lubbock National Bldg.  
Lubbock, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
			<u>Rotary Tools Elevation 4395</u>
0	287	287	Gallioche, Sand, Red Rock
287	938	651	Red Rock
938	999	61	Red Bed
999	1112	113	Red Rock
1112	1183	71	Red Bed
1183	1250	67	Red Rock
1250	1990	740	Red Rock & Anhydrite
1990	2190	200	Salt and Red Rock
2190	2240	50	Salt and Potash
2240	2285	45	Anhydrite
2285	2340	55	Anhydrite & Red Rock
2340	2545	205	Anhydrite, Salt and Red Bed
2545	2562	17	Anhydrite
2562	2640	78	Red Bed and Anhydrite
2640	2650	10	Potash
2650	2990	340	Red Rock and Anhydrite
			<u>Cable Tools Elevation 4395</u>
2990	2997	7	Shale and Anhydrite
2997	3004	7	Anhydrite
3004	3005	1	Artesia Red Sand (Oil pay)
3005	Total Depth		