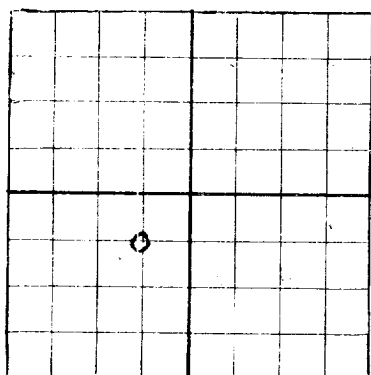


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## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**DUPLICATE**  
**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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Malco Refineries, Inc. Owens Bldg., 10th. & Ave. K Lubbock, Texas  
Company or Operator Address  
State "A" Well No. 6 in NE/SW of Sec. 31, T. 12-S  
Lease  
R. 32-E N. M. P. M. Caprock Field, Lea County.  
Well is 3300 feet south of the North line and 3300 feet west of the East line of Section 31.  
If State land the oil and gas lease is No. B-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 6-1 1945 Drilling was completed 7-2 1945  
Name of drilling contractor George P. Livermore, Inc. Address Lubbock, Texas  
Elevation above sea level at top of casing 4382 feet.  
The information given is to be kept confidential until Not confidential 19

## OIL SANDS OR ZONES

No. 1, from 3008 to 3008 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 None 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	
8 5/8	25	8	Nat'l	250	None	- -			Surface
5 1/2	15	10	2nd.	2965	Larkin	- -			Production

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8 5/8	259	125	Pump & plug		
7 7/8	5 1/2	2972	600	Pump & plug		

## 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
		None				

Results of shooting or chemical treatment Natural well. Not shot or treated

## 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 2985 feet, and from feet to feet  
Cable tools were used from 2985 feet to 3008 feet, and from feet to feet

## PRODUCTION

Put to producing July 3 1945  
The production of the first 24 hours was 166 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % 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

W. C. McNees (Rotary) Driller H. L. Horne (Rotary) Driller  
B. R. Allen (Rotary) Driller S. E. Cummins (Cable) 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 6th.  
day of August 1945  
Marian Coffman MARIAN COFFMAN  
Notary Public  
My Commission expires 6-1-47

Lubbock, Texas 7-6-45  
Place Date  
Name Bryan L. Denson  
Position Engineer  
Representing Malco Refineries, Inc.  
Company or Operator  
Address Owens Bldg., 10th. & Ave. K  
Lubbock, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
<u>Rotary Elevation 4389</u>			
0	131	131	Shale and shells
131	180	49	Sand
180	270	90	Shale and Sand ( Set Surface Casing)
270	479	209	Shale and shells
479	750	271	Shale
750	1110	360	Shale and shells
1110	1182	72	Broken lime
1182	1244	62	Red Rock and Lime Shells
1244	1260	12	Red Rock
1260	1370	110	Red Rock and Shale
1370	1390	20	Shale
1390	1410	20	Salt and Anhydrite shells
1410	1465	55	Anhydrite
1465	1510	45	Salt and Shells
1510	1610	100	Salt
1610	1770	160	Salt and Shells
1770	1926	156	Salt
1926	2219	293	Salt and Shells
2219	2230	11	Salt
2230	2266	36	Anhydrite
2266	2277	11	Shale
2277	2390	113	Anhydrite and Shale
2390	2418	28	Anhydrite
2418	2430	12	Shale
2430	2462	32	Anhydrite
2462	2500	38	Anhydrite and Sand
2500	2547	47	Anhydrite
2547	2565	18	Shale
2565	2580	15	Anhydrite
2580	2592	12	Shale
2592	2601	9	Anhydrite
2601	2697	96	Anhydrite and Shale
2697	2712	15	Anhydrite and Sand
2712	2737	25	Anhydrite
2737	2748	11	Shale
2748	2754	6	Anhydrite
2754	2985	231	Anhydrite and Shale
<u>Cable Tools</u>			
2985	3008	23	Anhydrite and Red Rock
T.D.	3008	-	Oil Sand
			<u>Geological Markers</u>
Top of Anhydrite		1390	
Top of Salt		1510	
Base of Salt		2080	
Top of Yates		2230	
Artesia Sand		3008	
			<u>Deviation Tests</u>
<u>Depth</u>		<u>Degrees</u>	
270		0	
500		0	
1060		0	
1440		0	
1950		0	
2450		0	
2785		0	
2970		0	