

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

WELL RECORD

JAN 20 1945
REGISTERED

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.
Company or Operator
State 11 Well No. 1 SW/NE of Sec 36 T. 12-S
R. 31-E N. M. P. M. Caprock Field, Chaves County.
Well is 1820 feet south of the North line and 1980 feet west of the East line of Section 36
If State land the oil and gas lease is No. B-10411 Assignment No. 2
If patented land the owner is -- -- Address -- --
If Government land the permittee is -- -- Address -- --
The Lessee is W. E. Lee and Allie M. Lee Address Reno, Nevada
Drilling commenced November 15 1944 Drilling was completed December 13 1944
Name of drilling contractor J. R. Cockburn Address Hobbs, New Mexico
Elevation above sea level at top of casing 4396 feet.
The information given is to be kept confidential until Not Confidential 19

OIL SANDS OR ZONES

No. 1, from 3009 to 3018 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	
8 5/8	25.55	8	Nat'l	239					Surface Production
6 1/2	14	8	Nat'l	2956					

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	248'	125	Pump & Plug	---	---
7 7/8	5 1/2	2662'	600	" "	---	---

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
--	--	S.N.G.	55 gts.	12-14-44	3010-3025	3023
--	--	S.N.G.	120 gts	12-20-44	"	3022

Results of shooting or chemical treatment only small improvement. Well making about 1 barrel per hour.

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 2910 feet, and from feet to feet
Cable tools were used from 2990 feet to 3023 feet, and from feet to feet

PRODUCTION

Put to producing January 11 1945
The production of the first 24 hours was 25.6 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be 35
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

Tie Vowell (Rotary) Driller K. J. Coulson (Cable) Driller
C. M. Mills (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 23rd.day of January 1945[Signature]
Notary PublicMy Commission expires 6-1-45Lubbock, Texas 1-23-45Name Bryan L. BensonPosition EngineerRepresenting Malco Refineries, Inc.Company or Operator 316 Lubbock Nat'l Bldg.Address Lubbock, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
<u>Rotary Tools Elevation 4402</u>			
0	96	96	Caliche, Sand
96	260	164	Caliche, Sand and Red Bed
260	1219	959	Red Bed
1219	1355	136	Red Bed and Anhydrite
1355	1415	60	Red Bed
1415	1480	65	Anhydrite
1480	1790	310	Anhydrite & Salt
1790	2250	460	Salt
2250	2345	95	Salt and Anhydrite
2345	2980	635	Anhydrite and Red Rock
<u>Cable Tools Elevation 4402</u>			
2980	3007	27	Broken Anhydrite, Red Beds
3007	3009	2	Anhydrite and Red Bed
3009	3014	5	Oil Sand
3014	3015	1	Brown Sand
3015	3018	3	Sand (show of gas)
3018	3028	10	Sand
<u>Geological Markers</u>			
Top of Anhydrite		1420	
Top of Salt		1490	
Base of Salt		2190	
Top of Yates		2250	
Top of Artesia			
Red Sand		3010	
<u>Deviation Record</u>			
<u>Depth</u>		<u>Deviation</u>	
230		10	
500		0	
950		0	
1500		0	
2000		0	
2500		10	