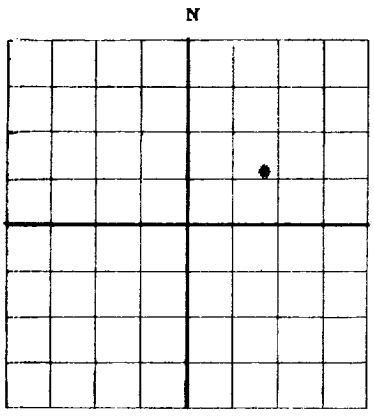
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Malco Refineries, Inc. Operator Artesia, New Mexico Address

State "A" Well No. 2 in NE/4 NW/4 of Sec. 31, T. 12-S

R. 32-E, N. M. P. M., Coprock Field, Lea County.

Well is 1650 feet south of the North line and 1650 feet west of the East line of Section 31.

If State land the oil and gas lease is No. B-9676 Assignment No. Original Lease

If patented land the owner is ------, Address ------

If Government land the permittee is ------, Address ------

The Lessee is Malco Refineries, Inc., Address Artesia, New Mexico

Drilling commenced May 8 19 44 Drilling was completed May 30 19 44

Name of drilling contractor George P. Livermore, Inc. Address Lubbock, Texas

Elevation above sea level at top of casing 4387 feet.

The information given is to be kept confidential until Not Confidentail 19 .

OIL SANDS OR ZONES

No. 1, from ---- to ---- No. 4, from ---- to ----

No. 2, from 3031 to 3041 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 FROM	PERFORATED TO	PURPOSE
8 5/8	25	8	Nat'l	236					Surface
5½	15	10	--	2996					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	247	125	Pump & Plug		
7 7/8	5½	2996	690	Pump & Plug		

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
Pump Shot		Solutine	30 qts.	5-31-44	3030-3041	3041

Results of shooting or chemical treatment Increased production from 6 gallons on bailing test to 10 barrels per hour on each test.

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 3000 feet, and from ---- feet to ---- feet

Cable tools were used from 3000 feet to 3041 feet, and from ---- feet to ---- feet

PRODUCTION

Put to producing July 10 19 44

The production of the first 24 hours was 116 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

H. N. Martin, Driller H. E. Dye, Driller

W. T. Portenberry, Driller C. L. Cunningham, 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 13 day of July, 19 44

(H. MARKLEY)
Notary Public

My Commission expires 6-1-45

Lubbock, Texas (Place) July 13, 1944 (Date)

Name Bryan Knowlson

Position Engineer

Representing George P. Livermore, Inc (Company or Operator)

Address 816 Lubbock National Bldg. Lubbock, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
			Rotary Tool Elevation 4397' (Ground Elevation 4387)
0	164	164	Caliche, Shale
164	253	89	Sand, Shale
253	1395	1142	Red Bed & Shells, Top Anhydrite - 1390'
1395	1418	23	Anhydrite and Shale
1418	1520	102	Anhydrite----Top of Salt 1520'
1520	2030	510	Anhydrite and Salt
2030	2205	175	Anhydrite and Red Rock---Bas of Salt 2140'
2205	2850	645	Anhydrite salt and Shale--Yates 2250'
2850	2970	120	Anhydrite
2970	3000	30	Anhydrite and Shale
			Cable Tool Elevation 4390'
2993	2997	4	Anhydrite
2997	3024	27	Anhydrite and Red Bed
3024	3026	2	Sand-Show of oil--Top of Red Sand 3024 (Corrects to 3031' Rotary)
3026	3028	2	Sand-Free Oil
3028	3030	2	Sand and Shale
3030	3034	4	Sand
	3034		Total Depth--(Corrects to 3041 Rotary) Tested for 8 hrs. making 6 gallons per hr. Shot with 30 qts. 3023-3034 May 31. Tested 10 barrels per hour on swab test.