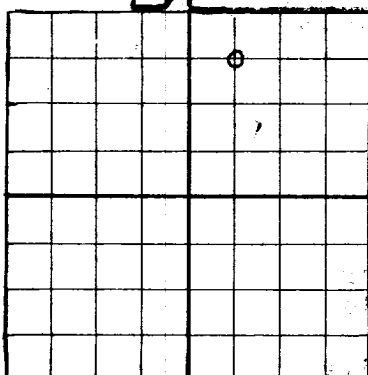


DUPLICATE

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.

George P. Livermore, Inc.

Company or Operator

1114-10th. Street
Lubbock, Texas

Address

Williams

Lease

Well No. 1

in NW/NE

of Sec. 7

T. 13-S

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

Well is 660 feet south of the North line and 1780 feet west of the East line of Section 7

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is W. S. Williams Cattle Co. Address Artesia, New Mexico

If Government land the permittee is Address

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

Drilling commenced December 9 1944 Drilling was completed January 11 1945

Name of drilling contractor J. R. Cookburn Address Hobbs, New Mexico

Elevation above sea level at top of casing 4378 feet.

The information given is to be kept confidential until Not Confidential 19

OIL SANDS OR ZONES

No. 1, from 3045 to 3051 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	24	8	Nat'l	253	None				Surface
5 1/2	14	8	Nat'l	2968	Balance				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	262	125	Pump & plug	---	-
7 7/8	5 1/2	2975	100	Pump & plug	---	---

PLUGS AND ADAPTERS

Heaving plug—Material None Length Depth Set

Adapters—Material None Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
	Dump.	S.N.G.	60 qts.	1-13-45	3044-3059	3064

Results of shooting or chemical treatment Swabbing 1 bbl. per hour natural.

No gauged test after shot. Waiting on pumping unit.

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 2975 feet, and from - feet to - feet

Cable tools were used from 2975 feet to 3064 feet, and from 0 feet to - feet

PRODUCTION

Put to producing 1-11 1945

The production of the first 24 hours was 24 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

C. M. Mills (Rotary) Driller F. E. Chadwell (Cable) Driller

Tie Vowell (Rotary) Driller J. S. Bertciel (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 12th.

day of February 1945

Notary Public

My Commission expires 6-1-45

Lubbock, Texas 2-12-45

Name John M. Kelly

Position Production Supt.

Representing George P. Livermore, Inc.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
<u>Rotary Elevation 4385</u>			
0	274	274	Caliche and Red Bed
274	1120	1146	Red Bed
1120	1140	20	Anhydrite and Red Rock
1140	1190	50	Red Rock and Anhydrite
1190	2280	790	Anhydrite and Salt
2280	2975	695	Red Rock and Anhydrite

<u>Cable Tool Elevation 4385</u>			
2975	3010	35	Anhydrite
3010	3045	35	Anhydrite and Salt
3045	3059	24	Sand
3059	3064	5	Anhydrite

Geological Markers

Anhydrite	1120
Top of Salt	1530
Base of Salt	2150
Yates	2220
Artesia Red Sand (Oil Pay)	3045

Deviation Record

<u>Depth</u>	<u>Degrees</u>
225	1/3
500	1/3
1000	0
1500	0
2000	2
2500	1
2900	1/2