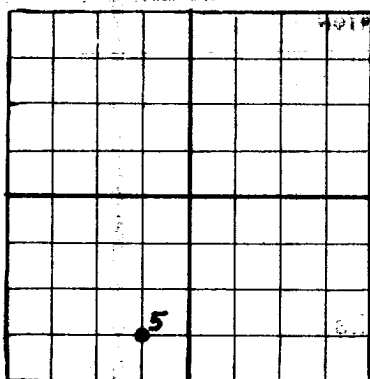
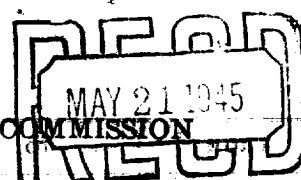
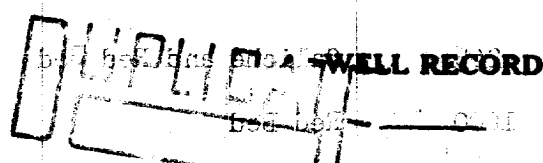


Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

Maximum 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 (3). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL
FORM C-105 IS PROPERLY FILLED OUT.

Malco Refineries, Inc.

Owens Bldg., 10th and Ave. K, Lubbock, Texas

Company or Operator

Address

State "A"

Well No. 5

in SE/SW

of Sec. 31

T.

12-S

R. 32-E

N. M. P. M., Caprock

Field,

Lea

County.

Well is 4620 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 3-10

19 45

Drilling was completed 4-6

19 45

Name of drilling contractor J. R. Cockburn, Jr.

Address

Artesia, New Mexico

Elevation above sea level at top of casing 4386 feet.

The information given is to be kept confidential until Not confidential

19

OIL SANDS OR ZONES

No. 1, from -- -- to 3014

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	DISC TO AMOUNT	END OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
8 5/8	25	8	Nat'l	227	None				Surface
5 1/2	15	10	9-	2971	Hallib.	----	--	----	Production

MUDGING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8 5/8	257'	125	Pump & plug	----	----
7 7/8"	5 1/2	2977'	600	Pump & plug	----	----

PLUGS AND ADAPTERS

Heaving plug—Material

Length 4386

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

Results of shooting or chemical treatment Natural Well

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 3014 feet, and from -- feet to -- feet

PRODUCTION

Put to producing 5-19-45

The production of the first 24 hours was 35 barrels of fluid of which 100 % was oil; 0 %

emulsion; 0 % water; and 0 % sediment. Gravity, Ba 38

If gas well, cu. ft. per 24 hours -- Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. --

Tie Vowell (Rotary)

Driller

Roy Langston (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 19th.

Lubbock, Texas

5-19-45

day of May 19 45

Name Bryan L. Denson

Position Engineer

Representing Malco Refineries, Inc.

Company or Operator

My Commission expires 6-1-45

Address Owens Bldg., 10th and Ave. K

FORMATION RECORD

FORM 10-1

FROM		TO		FORMATION	
DATE	TIME	DATE	TIME	FORMATION	FORMATION
Rotary Elevation 4391					
0	265	265	1000	Caliche and Red Bed	
265	1265	1000		Red Bed	
1265	1115	150		Red Bed and Anhydrite Shells	
1115					
1142	1590	148		Anhydrite and Salt	
1590	2130	540		Salt and Anhydrite Shells	
2130	2160	30		Salt and Anhydrite	
2160	2209	49		Anhydrite	
2209	2330	121		Anhydrite and Red Rock	
2330	2460	130		Anhydrite	
2460	2945	485		Anhydrite and Red Rock	
2945	2992	47		Anhydrite	
Cable Tool Elevation 4389					
2990	3003	13		Red Bed	
3003	3008	5		Red Bed and Anhydrite	
3008	3014	6		Anhydrite	
3014	T.D.	-		Red Sand and Oil	
Geological Markers					
Top of Anhydrite				1380	
Top of Salt				1510	
Base of Salt				2160	
Top of Yates				2240	
Red Sand				3014	
Deviation Tests					
Depth				Degrees	
210				0	
500				0	
1000				0	
1500				1	
2000				1	
2500				1	
2866					
Plugs and Adapters					
Length				2866	
Depth Set					
Record of Shooting or Chemical Treatment					
RESULTS OF SHOOTING OR CHEMICAL TREATMENT					
RECORD OF DRILL-STEM AND SPECIAL TESTS					
TOOLS USED					
Rotary tools were used from				feet to	feet
Cable tools were used from				feet to	feet
PRODUCTION					
Put to producing				feet to	feet
The production of the first 24 hours was				32	barrels of fluid of which
emulsion; and				3	% water; and
It was well cut at per 24 hours					
Rock pressure, lbs. per sq. in.					
Gallons gasoline per 1,000 cu. ft. of gas					
% of sediment Gravity, Be				32	
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				19	day of
Notary Public					
Representing					
Company or Operator					
Name					
Position					
Address					