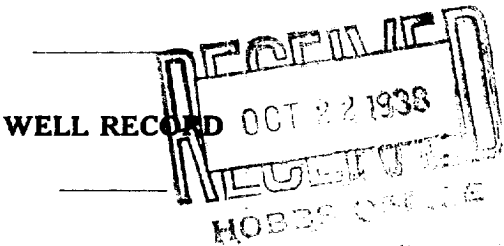
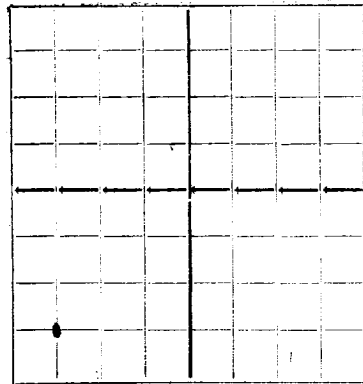


N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Magnolia Petroleum Company Box 900, Dallas, Texas

Company or Operator Address

STATE "LM" Well No. 2 in SW¹/₄ SW¹/₄ of Sec. 21, T. 17S

Lease

R. 35E, N. M. P. M., Vacuum Field, Lea County.

Well is 660 feet south of the North line and 660 feet west of the East line of SW¹/₄ SW¹/₄

If State land the oil and gas lease is No. B-2596 Assignment No.

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Magnolia Petroleum Company Address Box 900, Dallas, Texas

Drilling commenced Sept. 3, 1938 Drilling was completed Oct. 3, 1938

Name of drilling contractor Magnolia Petroleum Company Address Box 900, Dallas, Texas

Elevation above sea level at top of casing 3974 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES			
No. 1, from 4438	to 4441	No. 4, from 4570	to 4590
No. 2, from 4467	to 4472	No. 5, from 4597	to 4640
No. 3, from 4508	to 4515	No. 6, from 4651	to 4660

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 TO	PURPOSE
10 ³ / ₈				811				
7				4290				
2 ¹ / ₂				4670				

MUDDING AND CEMENTING RECORD						
SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED

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
No shot						

Results of shooting or chemical treatment

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 top feet to bottom feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 9, 19

The production of the first 24 hours was 111 barrels of fluid of which % was oil; % emulsion; % water; and % sediment. Gravity, Be

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Magnolia Petroleum Company Driller R. H. Alexander, Sup't.

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 20 day of October, 1938

Kathleen Bullock, Notary Public, Dallas County, Texas

My Commission expires 6-1-39

Dallas, Texas Oct. 14, 1938

Name Leisha Smith

Position Clerk

Representing Magnolia Petroleum Company, Company or Operator

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
W&IX 0	225		Caliche, gravel & sand, cemented 10 $\frac{3}{4}$ " @ 833' w/225 sx, 6 aquagel
825	1705		Red rock & shells
1705	1896		Anhydrite
1896	2891		Salt & anhydrite
2891	3087		Anhydrite, gyp & red rock
3087	3900		Anhydrite & gyp
3900	4200		Lime & anhydrite
4200	4438		Lime, cemented 7" csg 4270' w/225 sx, 7 aquagel
4438	4441		Lime--show oil
4441	4467		Lime
4467	4472		Lime--show oil
4472	4508		Lime
4508	4515		Brkn lime
4515	4570		Lime
4570	4590		Brown lime--showing oil
4590	4597		Lime
4597	4640		Lime--showing oil
4640	4651		Gray lime
4651	4660		Brown lime
4660	4667		Black lime
	4667		TOTAL DEPTH
			DEVIATION
			800' straight
			1500' straight
			2000' straight
			2500' straight
			3000' straight
			3600' straight
			4200' straight