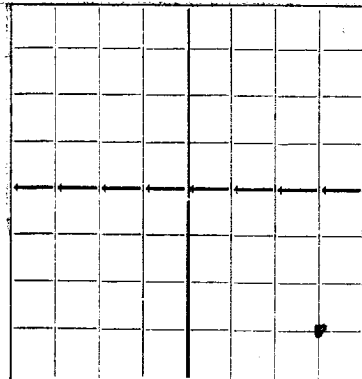
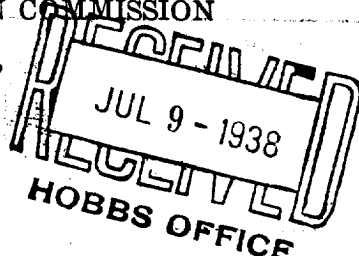


N.

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

AREA 640 ACRES  
LOCATE WELL CORRECTLY

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.

DUPLICATE

Magnolia Petroleum Company

Box 900, Dallas, Texas

Company or Operator  
STATE "K" Well No. 3 in SE $\frac{1}{4}$  SE $\frac{1}{4}$  of Sec. 31, 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 SE $\frac{1}{4}$  SE $\frac{1}{4}$   
If State land the oil and gas lease is No. B-1527 Assignment No.  
If patented land the owner is Address  
If Government land the permittee is State of New Mexico Address Santa Fe, New Mexico  
The Lessee is Magnolia Petroleum Company Address Box 900, Dallas, Texas  
Drilling commenced May 14, 1938 Drilling was completed June 15, 1938  
Name of drilling contractor Magnolia Petroleum Company Address Box 900, Dallas, Texas  
Elevation above sea level at top of casing 3980 feet.  
The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 4366 to 4412 No. 4, from to  
No. 2, from 4435 to 4495 No. 5, from to  
No. 3, from 4543 to 4639 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 TO	PURPOSE
10 $\frac{3}{4}$	40			791 $\frac{1}{2}$				
7	24			4109'				
2 $\frac{1}{2}$	6.40			4645'				

## 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
None						

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 19  
The production of the first 7 hours was 268 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 7

day of July, 1938

Kathleen Bullock  
Dallas County Notary Public

My Commission expires 6-1-39

Dallas, Texas July 7, 1938  
Place Date

Name L. Smith

Position Clerk

Representing Magnolia Petroleum Company  
Company or Operator

Address Box 900, Dallas, Texas

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20		cellar
20	35		Hard rock
35	280		Broken rock
280	450		Red bed & shells
<del>280</del>	<del>450</del>		
450	1420		Red rock, 10 $\frac{3}{4}$ " csg cemented at 791' w/220 sx cement & 5 sx aquagel
1470	1545		Anhydrite
1545	1610		Anhydrite & red rock
1610	1770		Salt
1770	1783		Anhydrite
1783	1651		Anhydrite & salt
2651	2734		Anhydrite & lime
2734	2931		Anhydrite & red rock
2931	3191		Anhydrite & gyp
3191	3265		Anhydrite & brown lime
3265	3524		Anhydrite & gyp
3524	4055		Anhydrite & lime
4055	4283		Gray lime, 7" csg cemented at 4080' w/240 sx cement, 5 sx aquagel.
<del>4283</del>	<del>4293</del>		
4283	4293		Brown sat. lime
4293	4366		Gray lime
4366	4412		lime, broken
4412	4415		Gray lime
4415	4495		Brown lime
4495	4543		Gray lime
4543	4639		Brown lime
4639	4641		Gray lime
	4641		TOTAL DEPTH