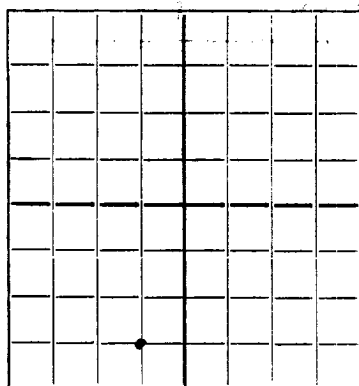


## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## WELL RECORD

RECEIVED  
SEP 7 - 1937  
REGISTERED

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or to 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.

Magnolia Petroleum Company  
Company or OperatorE. O. Carson  
Lease

Well No. 4 in SW of Sec. 28, T. 21S

R. 37E, N. M. P. M., Hardy Field, Lea County.

Well is 660 feet north south of the line and 1980 feet east west of the line of SE SW

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

If patented land the owner is E. O. Carson, Address Merkel, Texas

If Government land the permittee is, Address

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

Drilling commenced May 5 1937. Drilling was completed July 19 1937

Name of drilling contractor Magnolia Pet. Co., Address Box 900, Dallas, Texas

Elevation above sea level at top of casing feet.

The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from Line 3475 to 3480 No. 4, from 3695 to 3700  
No. 2, from 3635 to 3640 No. 5, from 3720 to 3725  
No. 3, from 3675 to 3680 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
13-3/8	56			175				
9-5/8	40			1350				
7	24			3628				
2	4.70			3773				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
		75	225			
		1350	500			
		3628	180			

## 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
4 1/2	53'	Nitro	190 qts.	7-21-37	3662-3773	All

Results of shooting or chemical treatment 113 bbls. in 21 hrs.

## 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 1350 feet, and from feet to feet  
Cable toops were used from 1350 feet to 3773 feet, and from feet to feet

## PRODUCTION

Put to producing 19  
The production of the first 24 hours was 113 barrels of oil 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. T. German, Sup't., Driller  
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 24

day of August, 1937

Notary Public  
My Commission expires 6-1-39

Dallas, Texas

Name L. Smith Date

Position Clerk

Representing Magnolia Petroleum Company

Company or Operator

Address Dallas Texas

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20		Sand & caliche
20	78		Sand
78	130		Sand & shells --Cemented 13-3/8" csg at
130	180		Hard sand & red rock 175' w/225 sr
180	215		Red rock
215	270		Brown shale
270	284		Hard sand
284	299		Sand & shells
299	360		Shale
360	487		Red rock & streaks sand
487	532		Red rock & sand
532	883		Red rock & shells
883	900		Shells & sand
900	1134		Red rock & shells
1134	1200		Anhyd & red rock
1200	1270		Anhydrite
1270	1304		Russler Line --Cemented 9-5/8" csg 1350' 5w/50
1304	1350		Salt --Bottom Rotary Hole
1350	1390		Red salt
1390	1445		Red rock
1445	1495		Potash & salt
1495	1505		Potash
1505	1675		Salt & anhyd
1675	1710		Anhydrite
1710	1760		Red sand
1760	1875		Anhyd & salt
1875	1950		Salt & red rock
1950	2405		Salt & anhyd
2405	2435		White lime
2435	2445		Dolomite
2445	2510		Anhydrite
2510	2560		White lime
2560	2680		Anhydrite
2680	2685		Red rock --Acidized 8/6/37
2685	2895		The Chemical Process Co.
2895	2945		Anhydrite 1000 gal acid
2945	3090		White lime Pressure 500#
3090	3114		Anhydrite Prod. before 70 bbls
3114	3180		Gray lime " after 113 bbls
3180	3185		Brown lime
3185	3250		Red rock No water
3250	3477		Brown lime
3477	3542		Gray lime
3542	3610		White lime
3610	3615		Gray lime
3615	3635		Green shale
3635	3640		Lime
3640	3675		Sandy shale -Cemented 7" csg 3623' w/180
3675	3695		Sandy lime Green
3695	3773		Sandy lime - Oil 700' Brown
3773			Lime - Gray
			Total Depth