

ORIGINAL

JUN 7 1944

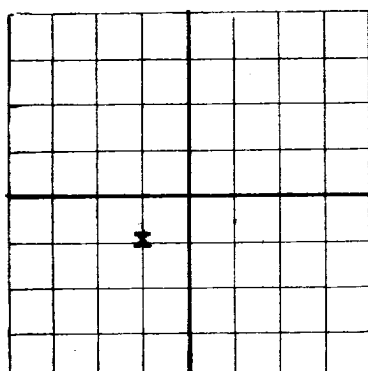
HOBBES OFFICE

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.

Magnolia Petroleum Company

Box 900 - Dallas 1, Texas

Company or Operator

Address

State "U"

Well No. 1

in

SW

of Sec. 10

T

11S

Lease

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

Well is 660 feet south of the North line a 660 660 feet west of the East line of Section 10

If State land the oil and gas lease is No. B-5103 Assignment No. Original

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Magnolia Petroleum Company Address Box 900 - Dallas 1, Texas

Drilling commenced 2/25/44 19 Drilling was completed 4/8/44 19

Name of drilling contractor Coats J. Foster Address Lubbock, Texas

Elevation above sea level at top of casing 4126 feet. Surface - 4136' Derrick

The information given is to be kept confidential until 19

No OIL SANDS OR ZONES

Best porosity No. 1, from 5050 to 5058 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 Drig. W/Rotary-No tests, 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	
13-3/8	48#		Srt. H-40	301					
8-5/8	32#		Srt. H-40	2217					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/4	13 3/8	301	235	Halliburton		
11"	8 5/8	2217	250	Halliburton		

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 No Treatment or shot.

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 5505 feet, and from feet to feet

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

PRODUCTION

Put to producing Dry Hole 19

The production of the first 24 hours was Dry Hole 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

W. E. Arms Driller ? 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 24th

Dallas, Texas May 24, 1944

day of May 19 44

Name L. Smith

Position Clerk

Representing Magnolia Petroleum Company

Address Box 900 - Dallas 1, Texas

My Commission expires 6/1/45

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	Substructure
10	175	165	Caliche sand
175	220	45	Gray shale and lime
220	330	110	Red shale
330	340	10	Red sand - 301' of 13-3/8" csg. cem. @ 311' w/235 sacks
340	430	90	Red and gray shale
430	1340	910	Red shale and sand
1340	1600	260	Red and gray shale and lime
1600	2218	618	Red shale and lime - Cem. 2217' of 8-5/8" csg. @ 2227'
2218	2570	352	Anhydrite and lime w/250 sacks
2570	3610	1040	Salt, shale, and Anhydrite
3610	4220	610	Anhy., shale, and sand
4220	4760	540	lime and anhydrite
4760	4980	220	lime
4980	5114	134	Porous lime
5114	5505	391	lime
5505			Total depth
			D. S. T. 4970-5019' - Open 30 min. Rec. 7' drilling mud. Cored 5104-5114. Rec. 2' very hard dense brown Dolomite, water satined w/strong gas odor.
			D. S. T. 5042-5114'. Tool open 30 min. Fair blow of air throughout. Rec. 345' of salt water and gas out drilling mud.
			Best porosity from 5050 to 5085'
			Deviation Record:
			Straight @ 1800'
			1 deg. off @ 2720'
			1/2" " @ 3000'
			1/2" " @ 3600'
			Straight @ 4300'