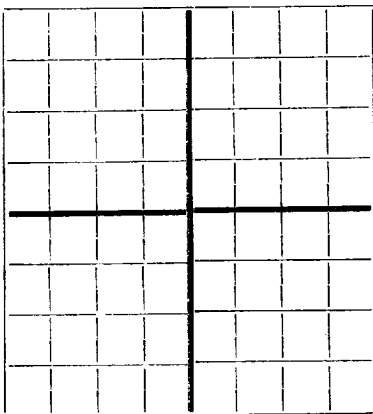
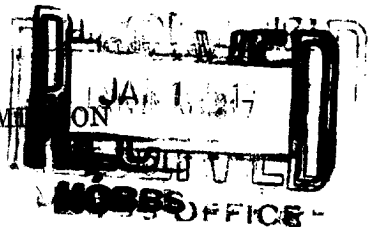


N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



WELL RECORD

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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Magnolia Petroleum Company

P.O. Box 900 - Dallas, Texas

Company or Operator

Address

Marshall Unit

Well No. 5

in

NW 1/4

of Sec. 34

T. 21S

Lease

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

Well is 589' Fr. N & E lines of NW 1/4 feet south of the North line and feet west of the East line of.

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

If patented land the owner is, Address.

If Government land the permittee is, Address.

The Lessee is, Address.

Drilling commenced July 6, 1946. Drilling was completed August 27, 1946.

Name of drilling contractor MPCo. Tools, Address.

Elevation above sea level at top of casing 3430' feet.

The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 5137' to 5177' No. 4, from to
No. 2, from 6540' to 6600' 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	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13-3/8	48#	8rt H-40	EW	316'					
9-5/8	36#	8rt S-80	105 HY	1053					
9-5/8	36#	8rt H-40	EW	2801					
7	23#	N-80 Ext. line	SS	1035					
7	23#	8rt J-55	SS #1	3147					
7	23#	8rt J-55	SS #2	2480					
2" tbg.	4.7	8 rt Grade J-55 SS		6655					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS 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

Results of shooting or chemical treatment Acidized w/2000 gals. 20% low tension, 71 min.
2300-2100# - from 6540-6600'

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 6600' feet, and from feet to feet

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

PRODUCTION

Put to producing August 31, 1946 after acidizing

The production of the first 24 hours was 384 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

, 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. - to the best of my knowledge and belief.

Subscribed and sworn to before me this 30 Dallas, Texas 12-30-46

day of December, 1946 Name: Clerk

Dorothy Ansell

Position: Clerk Magnolia Petroleum Company

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	13		Top Rotary to Surface
13	40		Caliche
40	80		Sand
80	875		Red beds
875	1070		Red rock and shells
1070	1207		Red beds
1207	1250		Anhydrite
1250	1275		Salt & anhydrite
1275	1480		Red beds
1480	2384		Salt and anhydrite
2384	2500		Anhydrite
2500	2538		Anhy. & ls
2538	2616		Broken anhy. & ls
2616	2956		Anhy. & ls
2956	2980		Lime
2980	3274		Lime & anhy.
3274	3305		Lime
3305	3385		Lime & anhy.
3385	3410		Lime
3410	3480		Lime & anhy.
3480	3531		Lime
3531	3561		Lime & anhy.
3561	5177		Lime
			DST 5137-5177 - 1 hr. 5/8" BHC, steady blow entire hour, gas in 19 min. Rec. 60' drlg. mud & 270' heavy oil & gas cut mud w/lt. sulphur odor.
5177	5604		Lime
5604	5640		Brown lime
5640	6463		Lime
6463	6578		Cored - Rec. 5' hd. br. to gr. ls w/scattered porosity, show gas, very lt. staining
6478	6490		Cored - Rec. 10' -6' br. dolo., lt. stain, bleeding gas, 2' gr. dolo, 6" shaley gr. dolo, 18" dense gr. lime, btm. 2" bleeding oil
6490	6501		Cored - Rec. 5½' - 2½' br. to gr. dolo. w/lt. stain, bleeding oil in spots, 3' shaley gr. ls. Reamed core hole to 6501'.
6501	6618		Lime
TOTAL DEPTH	6618'		Ran Schlumberger 6620' - drilled out to 6610'. Perf. 7" 6540-6600' w/240 shots. After swbg. 13 hrs., fluid standing 4500' fr. surface without filling up.
			Acidized w/2000 gals., 20% low tension, 71 min. 2300-2100# - fr. 6540-6600'
			Test : Flowed 151 bbls. oil 8 hrs. 3/4" ch. on 2" tbg. TP 200-100#, CP 0-400#. GOR: 719-1. Corr. gty. 36.1.