

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

AREA 640 ACRES
LOCATE WELL CORRECTLY

Box 727, Kermit, Texas

Magnolia Petroleum Company

Company or Operator

Marshall Unit

Well No.

8

in NW/4

of Sec.

34

T. 21-S

Lease

Feddock

Field,

Lee

County.

R. 37-E, N. M. P. M.

Well is 660

feet south of the North line and

810

feet west of the East line of

Section 34

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

Rosie Marshall

Address

Eunice, New Mexico

Drilling commenced

June 6

19 49

Drilling was completed

June 29

19 49

Name of drilling contractor

Magnolia Petroleum Company

Address

Box 633, Midland, Texas

Elevation above sea level at top of casing

3443'

feet.

The information given is to be kept confidential until

19

OIL SANDS OR ZONES

No. 1, from 5126

to

5140

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. see reverse

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	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
9-5/8"	36#	8RT	J-55	306	Halliburton				
7"	23#	8RT	J-55		Halliburton				
7"	22#	8RT	J-55	2841	Halliburton				
5"	15#	8RT	J-55	5126	Halliburton				
2"	4.7#	8RT	H-40	5140					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	9-5/8"	8RT	125	Pump & plug		
8-3/4"	7"	8RT	1000	Pump & plug		
6-1/4"	5"	8RT	285	Pump and plug		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters — Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT none logged

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

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 0 feet to 5140 feet, and from feet to feet

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

PRODUCTION

Put to producing July 5, 19 49

The production of the first 24 hours was 66.7 barrels of fluid of which 100% was oil; 0%

emulsion; 0% water; and 0% sediment. Gravity, Be. 38.4 @ 60°

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

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 18th July 18, 1949

day of July 19 49 Name

Position Dist. Supt.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1.17	1.17	From top of rotary drive bushing to derrick floor
1.17	11.92	10.75	From derrick floor to top of 9-5/8" OD casing
11.92	60	48.08	Caliche and sand
60	125	65	Sand and shale
125	247	122	Red bed and shells 1/2° @ 192
247	302	55	Red bed
Set 9-5/8" OD casg. @ 306' w/125 sax did not circ.			
302	561	259	Red bed
561	800	239	Red rock
800	1061	261	Red bed St @ 862
1061	1204	143	Red rock 1/2° @ 1198
1204	1300	96	Anhydrite and red bed
1300	1410	110	Salt
1410	1855	445	Anhydrite and salt 3/4° @ 1725
SIC 1742 = 1725			
1855	2181	326	Salt, red rock and anhydrite 1° @ 1968
2181	2300	119	Anhydrite and salt 3/4° @ 2213
2300	2486	186	Anhydrite 1° @ 2425
2486	2745	259	Lime and anhydrite 3/4° @ 2547
2745	2841	96	Lime 1° @ 2841
Set 7" OD casg. @ 2841 w/1000 sax			
2841	2857	16	Anhydrite
2857	5100	2243	Lime 1/2° @ 3206, 1-1/2° @ 3425, 1-1/4° @ 3590, St @ 3748, 1-1/4° @ 4151, 1° @ 4350, 1/4° @ 4847, 3/4° @ 5010 5065-5085 4-5 MPF Cuttings 5075-5085 showing water and gas 5085-5100 5-7 MPF porosity, no staining
5084	5100	16	Drill Stem Test 2 packers No WC 2 hrs. 30 min. 5/8" BHC and 1" SC 15 min. build up taken, gas to surface in 30 min., Est. MCF 24 hrs. 19.0 no oil, mud or water to surface, SFP not measured, BHFP 0#, 15 min. S-I BHP 1650# Hy Hd in 2325# out 2325# rec. 150' of drilling mud, tool closed and packer reset at end of 1st hr. of test, flowing pressure too small to measure 5100-5117 Lt. porosity, no staining 5117-5127 fair stain and good porosity 5127-5130 good porosity and good staining 9 MPF
5100	5130	30	Lime
5100	5130	30	Drill Stem Test 2 packers No WC 2 hrs. 5/8" BHC and 1" SC, gas 4 min. 1 hr. 55 min. steady blow gas, no oil, mud or water to the surface, (Est. 78.2 MCF 24 hrs.) Rec. 1770' clean oil, 300' oil and gas-cut mud, well started unloading after 2976 drill pipe pulled, Grav. 33.7° @ 68° SFP 0#, BHFP 350#-160# 15 min. S-I BHP 1950# Hy Hd 2400# in and out 2400#
5130	5133	3	No formation logged
5133	5140	7	Lime good porosity and good staining 3-8 MPF
5140			<u>TOTAL DEPTH</u>
5126	5140	14	Drill Stem Test 2 packers No WC 2 hrs. 17 min. 5/8" BHC and 1" SC gas 2 min. (Est. 506 MCF 24 hrs.) oil and mud 25 min cleaned 27 min. flowed 28.8 B/O 1-1/2 hrs., grav. 36.9° @ 60°, 4/10 of 1% mud, no water GOR 1123/1, SFP not measured, BHFP 850#- 700# 15 min. S-I BHP 1950# Hy Hd in and out 2550#.
2833	5127	2294	Ran Schlumberger Set 5" OD casg. @ 5126 w/285 sax. Float shoe at 5125.38 Float collar at 5102.53 Centralizers at 5128.62, 5074.80, 5031.08, 4992.97, 2727.03, 2694.86
5100	5126	26	Drilled out cement
5140			Cleaned out 2" tubing at 5140' Flowed 66.7 B/O 8 hrs. 1/4" choke TP 175#-400# CP 0#-175# GOR 761/1, Grav. 38.4° @ 68°, 2% BS no water, Est. capacity 200 B/O daily.