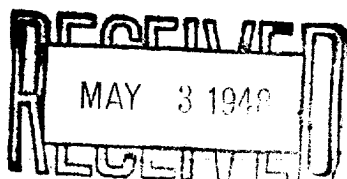


DUPLICATE

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

Magnolia Petroleum Company

Box 727, Kermit, Texas

Company or Operator

Address

Brunson Arps

Well No.

17

in

34 1/4

of Sec.

10

T. 22-S

Lease

R. 37-E, N. M. P. M., Drinkard Field, east 1/4, sec 10, County.

Well is 589 feet south of the North line and 731 feet east of the East line of Section 10.

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

If patented land the owner is R. L. Brunson, Address: Burice, New Mexico

If Government land the permittee is, Address:

The Lessee is Magnolia Petroleum Company, Address: Box 727, Kermit, Texas

Drilling commenced March 2, 1948 Drilling was completed April 7, 1948

Name of drilling contractor: Magnolia Petroleum Company's New Mexico Drilling Field, Address: Box 633, Midland, Texas

Elevation above sea level at top of casing 3425 feet.

The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 6475 to 6540 No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS None logged.

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	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13-3/8"	48#	8-1/2	W-40 W	312	Halliburton				Surface
8-5/8"	32#	8-1/2	W-40 W						
8-5/8"	32#	8-1/2	3-35 SS	2060	Halliburton				Intermediate
5-1/2"	17#	8-1/2	3-35 SS	6575	Halliburton		6475	6540	Oil String
2"	4.7#	8-1/2	W-40 W						
2"	4.7#	8-1/2	W-40 W	6575					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13-3/8"	312	300	Pump & Plug		
11"	8-5/8"	2060	1000	Pump & Plug		
7-7/8"	5-1/2"	6575	700	Pump & Plug		

PLUGS AND ADAPTERS None.

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
		20% low tan. acid	500 gals.	4/16/48	6475-6540	

Results of shooting or chemical treatment Completing well.

RECORD OF DRILL-STEM AND SPECIAL TESTS See reverse side.

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 Surface feet to 6575 feet, and from feet to feet

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

PRODUCTION

Put to producing April 14, 1948

The production of the first 24 hours was 81 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, Be. 39° & 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 27th

Kermit, Texas, April 27, 1948

day of April, 1948

Name: E. P. Steptoe

Position: District Superintendent

Representing: Magnolia Petroleum Company

Company or Operator

My Commission expires June 1, 1949

Address: Box 727, Kermit, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1.29	1.29	From top of rotary drive bushing to derrick floor.
1.29	14.4	13.11	From derrick floor to top of 13-3/8" OD casing.
14.4	145	130.06	Red bed and sand.
145	312	167	Red rock Straight @ 160.
			<u>Set 13-3/8" OD casing @ 312' w/300 sax.</u>
312	1020	708	Red bed Straight @ 719; 3/4" @ 1000.
1020	1060	40	Sand
1060	1183	123	Red rock 1" @ 1145.
1183	1310	127	Red bed & anhydrite 1" @ 1290.
1310	2375	1065	Anhydrite & salt 1" @ 1533, 1750; 3/4" @ 1950; 1" @ 2174, 2293.
2375	2860	485	Anhydrite & lime 1" @ 2445; 1 1/2" @ 2620.
			<u>Set 8-5/8" OD casing @ 2860' w/1000 sax.</u>
2860			Halliburton ran Temperature Survey, top of cement at 1340'.
1330			McGullough Tools perf. 8-5/8" OD casing w/4 - 1/2" holes.
1330			500 sax cement fill hole.
1300			Plug to 1300' w/1600'.
1235			Halliburton ran Temperature Survey, top of cement at 335'.
2860	4918	2058	Lime 3/4" @ 3040; 1" @ 3280; 1 1/2" @ 3425; 1" @ 3675; 3/4" @ 3826, 4070; 1" @ 4168, 4310; 1" @ 4500, 4675; 1" @ 4785; 1" @ 4915.
4918	4968	50	No form. logged.
4968	6575	1607	Lime 1" @ 5250; 1 1/2" @ 5500; 3/4" @ 5700; 1" @ 5735; 1" @ 5986, 6112; 3/4" @ 6270, 1" @ 6492.
			<u>810 6533.6 = 6540.6</u>
			Drig. time 6400-6445, 14 MFT, 6445-6473, 5 MFT.
			Gas zone 6446-6465; Oil Zone 6472-6540; Good 3-5 MFT, fair & broken 6540-6570 (best oil zone 6472-6530).
6575			<u>TOTAL DEPTH</u>
			<u>Set 5-1/2" OD casing @ 6575' w/700 sax.</u>
			Centralizers set at 6360.72, 6498.81, 6424.54, 6367.66, 5249.78, 5184.84, 5127.83, 5064.70, 5006.21, 2741.29, 2708.99.
6510			Halliburton ran Temperature Survey, top of cement at 315'.
3105			McGullough Tools perf. 5 1/2" OD casing with 2 - 1/2" holes.
3105			100 sax cement fill hole.
2990	3105	115	Drilled out cement.
6516	6575	59	Drilled out cement.
6475	6540	65	Western Co. perf. 5 1/2" OD casing w/4 S.P.F., 240 shots.
			<u>Ran 2" tubing to 6575'.</u>
6475	6540	65	Sand dry.
			Western Co. acidized perf. w/300 gals, 20% low tension, 2650#-2700#; 5/10 B.P.N. 24 min.
			Started flowing after scrubbing off lead oil and acid water.
			<u>REC. POTENTIAL TEST:</u> Flowed 81 bbls. oil 17 hrs. thru 1/4" pos. choke; GOR 280/l. TP 238-260#; GP 250#-260#; Curr. Grav. 99 @ 60"; 3/10 of 1% B.S. Est. 24 hr. cap. 115 bbls. oil thru 1/4" choke.