

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New MexicoRECEIVED
AUG 25 1948
HOBBS OFFICE

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

Box 727, Kermit, Texas

Company or Operator

Address

Brunson Arge

Well No. 18 in NE 1/4 of Sec. 10, T. 22-S

Lease

R. 37-E, N. M. P. M., Drinkard Field, Lea County.

Well is 660 feet south of the North line and 2080 feet west 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 E. L. Brunson, Address: Eunice, New Mexico

If Government land the permittee is, Address:

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

Drilling commenced June 29, 1948 Drilling was completed August 5, 1948

Name of drilling contractor Magnolia Petroleum Company, Address: Box 633, Midland, Texas

Elevation above sea level at top of casing 3427 feet

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 6500 to 6525 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" OD	32.4	8RT	Hayler	321	Halliburton				
13-3/8" OD	48.4	8RT	H-40SS	287	Halliburton				Surface
8-5/8" OD	32.4	8RT	H-55SS	2851	Halliburton				Intermediate
5-1/2" OD	17.4	8RT	H-55SS	5540	Halliburton				Oil String
2"	4.74	8RT	EUE SS	6534					

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" ID	13-3/8"	321	300	Pump & plug		
11"	8-5/8"	2851	1500	Pump & plug		
7-7/8"	5-1/2"	6534	750	Pump & plug		

PLUGS AND ADAPTERS None

Heaving plug—Material Length Depth Set
Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT None

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		NONE USED				

Results of shooting or chemical treatment

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 0 feet to 6540 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing August 10, 1948
The production of the first 8 hours was 86.7 barrels of fluid of which 100% was oil; 0% emulsion; No% water; and 0% sediment. Gravity, Be 40.1° @ 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 23rd

Kermit, Texas

August 23, 1948

Place

Date

day of August 1948

Name Dale Schulte

Position Dist. Supt.

Representing Magnolia Petroleum Company

Company or Operator

Address Box 727, Kermit, Texas

Notary Public
in and for Walker County, Texas

My Commission expires June 1, 1949

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1.16	1.16	From top of rotary drive bushing to derrick floor
1.16	12.66	11.50	From derrick floor to top of 13-3/8" OD casing
12.66	16	3.34	Sellar
16	40	24	Surface sand and caliche
40	130	90	Sand and shells
130	270	140	Red rock and sand Straight @ 161
270	321	51	Red bed
			<u>Set 13-3/8" OD @ 321' w/300 sax.</u> Circ. cement
321	325	4	No formation logged
325	370	45	Red bed
370	1172	802	Red rock 3/4" @ 874'. Straight @ 1100'.
1172	1251	79	No formation logged
1251	1474	223	Red rock and salt
1474	1677	203	Anhydrite and salt Straight @ 1439'; 1/2" @ 1637'
1677	2400	723	Salt and red rock Straight @ 1825'; 1/4" @ 2003'; 1/2" @ 2110
2400	2475	75	Red rock, salt and anhydrite 3/4" @ 2446'
2475	2535	60	Red rock, anhydrite
2535	2565	30	Red bed and anhydrite
2565	2663	98	Anhydrite and lime
2663	2695	32	Anhydrite and shale 1" @ 2680
2695	2744	49	Lime and anhydrite
2744	2851	107	Lime 1" @ 2851'
			<u>Set 8-5/8" OD @ 2851' w/1500 sax.</u>
2732			Halliburton ran Temperature Survey to Top cement 315'
2851	4620	1769	Lime 1/4" @ 3315; 1/2" @ 3558'; Straight @ 3915; 1/4" @ 4342; Straight @ 4530; 1" @ 4620'
4620	4641	21	No formation logged
4641	4903	262	Lime 1/2" @ 4800
4903	4933	30	No formation logged
4933	5520	587	Lime 1/2" @ 5176'; Straight @ 5366
5520	5615	95	No formation logged 1/4" @ 5522
5615	5802	187	Lime
5802	5827	25	No formation logged
5827	5926	99	Lime
5926	5940	14	No formation logged
5940	6486	546	Lime 3/4" @ 6143; 1" @ 6384
			<u>TOP GAS - 6395; TOP OIL - 6485'</u> Fair to good porosity and staining. (2 packers) No water cushion 2 hrs. 24 min. 5/8" BHC & 1" surface choke, gas 2-1/2 min., mud 3 min., oil 53 min., cleaned in pits 46 min. (Mist, no gauge). Flowed 15 min. periods, .69, .69, .69, total 2.07 B/O 45 min. (24 hr. gas 3108 MCF) GOR 4390/l. Gravity 46.9 @ 60°. SFP 150#, BHP 600-875#, 15 min. BHP 2450#; Hy. hd. 3400#. Rec. circ. out.
6435	6486	51	Drill Stem Test
6486	6535	49	No formation logged Fair porosity and staining 6465-6480, fair to good porosity and staining 6485-6526 (3-5 MFP)
6484	6535	51	Drill Stem Test (2 packers) Tool open 1 hr. 42 min. 5/8" BHC and 5/8" surface choke, no water cushion, gas 4 min., (Est. 522.7 MCF 24 hrs.) mud 29 min., oil 33 min., Flowed 36.48 bbls. 1 hr. Grav. 38.6 @ 60°. GOR 597/l SFP not measured. BHP 925-900#. S-I 15 min. BHP 2150#; Hy. hd. 3400#
4980	6540	1560	Ran Schlumberger
6535	6540	5	<u>STEEL LINE TUBING MEASUREMENT</u>
			<u>Set 5 1/2" OD casing @ 6540 w/750 sax.</u> Centralizers @ 6536.66, 6467.70, 6404.09, 6339.23, 5314.62, 5250.72, 5185.59, 5120.72, 1651.19, 1619.43 Float shoe Float Collar
6540			TOTAL DEPTH
6540			Halliburton ran Temperature Survey to Top cement 2100'
6535			Drilled out cement to
6500	6525	25	McGillough Tools perf. 5 1/2" OD w/150 holes, 6 SFP
			<u>Ran 2" tubing to 6534'</u>
RHC POTENTIAL TEST:			Flowed 86.7 bbls. oil 8 hrs. 1/4" positive choke; TP 290#-500#; SP 0-90#. GOR 748/l. Grav. 40.1 @ 60°. Shake out, trace of mud; no water. Est. 24 hr. cap. 250 B/O
(Natural)			