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JUN 10 1949
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HOBBS OFFICE

Santa Fe, New Mexico

A blank coordinate grid with a vertical y-axis and a horizontal x-axis. The y-axis is labeled with 1, 9, 8, 0, and 760. The x-axis is labeled with 1.

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.**

Magnolia Petroleum Company
Company or Operator

Box 727, Kermit, Texas
Address

Brunson Argo Well No. 19 in NW/4 of Sec. 10, T. 22-S
Lease

R. 37-E, N. M. P. M., Paddock Field, Lea County.
Well is 1980 feet south of the North line and 760 feet east of the west 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 Eunice, New Mexico.

If Government land the permittee is, Address.

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

Drilling commenced April 22 19 49 Drilling was completed May 18 19 49.

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

Elevation above sea level at top of casing 3420 feet.

The information given is to be kept confidential until - - - - - 19.

OIL SANDS OR ZONES

No. 1, from 5198 to 5206 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS see reverse

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	
9-5/8"	36#	8RT	J-55	306	Halliburton				
7"	20#	8RT	H-40	2840	Halliburton				
5"	15#	8RT	H-55	5208	Halliburton		5198	5206	
2"	4-7#	8RT	EUE	5206					

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"	306	125	Pump and Plug		
8-3/4"	7"	2840 re	1000 cement 800	Pump and Plug		
6-1/4"	5"	5208	190	Pump and Plug		

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
			500 gals mud acid		5198 5206	

Results of shooting or chemical treatment.....~~Completion of well~~.....

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 5208 feet, and from _____ feet to _____ feet.

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

PRODUCTION

Put to producing.....May 24....., 19..49
The production of the first 12 hours was.....28..... barrels of fluid of which.....100.....% was oil;0.....% emulsion;0.....% water; and.....0.....% sediment. Gravity, Be.....33.6^o
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

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 8th day of June, 1949

[Signature]
Notary Public
in and for Winkler County, Texas

My Commission expires My June 1, 1951

Kermit, Texas
June 8, 1949
Date

Name [Signature]

Position Dist. Supt.

Representing Magnolia Petroleum Company
Company or Operator

Address Box 727, Kermit, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1.25	1.25	From top of rotary drive bushing to derrick floor
1.25	12.55	11.30	From top of derrick floor to 9 5/8" OD casg.
12.55	17	4.45	Cellar
17	90	73	Sand and caliche
90	306	216	Red bed St @ 306
<u>Set 9-5/8" OD casg. @ 306' w/125 sax cement circ.</u>			
306	1050	744	Red bed 1/4" @ 685
1050	1060	10	Red rock and anhydrite
1060	1220	160	Anhydrite
1220	2400	1180	Anhydrite and salt 3/4" @ 1540, 2" @ 1950, 1-3/4" @ 2100, 1-1/2" @ 2302
2400	2440	40	Lime
2440	2515	75	Anhydrite
2515	2580	65	Yates
2580	2758	178	Anhydrite 1-3/4" @ 2570
2758	2842	84	Lime 1-1/2" @ 2758, 1-1/2" @ 2842
<u>Set 7" OD casg. @ 2840 started in w/1000 sax, cement equipment valve broke on head cement left in casg. Drilled out from surface to 2750' cement stringers 2750- 2842, recemented w/800 sax (600 4% gel 200 sax regular)</u>			
100	2735	2635	Halliburton Ran Temp. survey Approx. top cement 1195
2842	2844	2	No formation logged
2844	3000	156	Anhydrite and lime
3000	5116	2116	Lime 1" @ 3289, 1" @ 3930, 1-3/4" @ 4170, 1-1/4" @ 4590, St @ 5011
<u>SIC 3289 = 3280</u>			
5083	5116	33	Drill Stem Test 2 packers No WC 3 hrs. 18 min 5/8" BHC and 5/8" SC gas 3 min. (Est. 431 MCF 24 hrs mud 36 min oil 48 min. cleaned in pits 8 min. in tank 30 min., flowed 11.66 B/O 2 hrs. GOR 3080/l, Gravity 36.2° @ 60°, SFP 70#, BHFP 450#-200#, 15 min. S-I BHP 1650#, Hy Hd 2350# in and out, 7/10 of 1% mud, no water, 45' sulphur water mixed w/mud immediately above testing tool.
5116	5162	46	Lime 5137-5162 fair porosity and light staining
5138	5162	24	Drill Stem Test 2 packers No WC 2 hrs., 5/8" BHC and 1" SC gas in 12 min (Est. 200 MCF) no mud, oil or water to surface, SFP not measured BHFP 160#-30#, 15 min. S-I BHP 1500#, Hy Hd 2400# 2400# Rec. 480' gas and mud out oil, bottom 10' was oil, gas and sulphur out mud.
5162	5208	46	Lime 1" @ 5164, 5162-5189 8 MPF 5189-5208 4 MPF Light to fair porosity and staining
<u>TOTAL DEPTH</u>			
5187	5208	21	Drill Stem Test 2 packers No WC 2 hrs. 22 min. 5/8" BHC and 1" SC, gas 2 min. (Est. 505 MCF 24 hrs.) No oil, mud or water to surface, Rec. 350' clean oil, 10' oil-cut mud, 60' sulphur out mud (light spray of oil at surface, insufficient to measure) SFP not measured, BHFP 550#-125# 15 min. S-I BHP 1800# Hy Hd 2500# in and out
2842	5206	2364	Ran Schlumberger
<u>Set 5" OD casg. @ 5208' w/190 sax</u> Float shoe at 5208.53 Float collar at 5175.94 Centralizers at 5209.74, 5139.17, 5075.39, 5012.31, 2777.66			
5176	5207	31	Drilled out cement
5198	5206	8	Lane Wells perf. 5" OD casg w/4 SFP (Jet)
<u>2" tubing to 5206' with Guiberson Hook Wall Packer at 5170'</u>			
5198	5206	8	Western Co. acidize perf. 500gals mud acid TP 2000# 1900# 30 min. 4/10 BPM.
Potential Test: Flowed 88 B/O 12 hrs., 1/2" Adj. choke, TP 0-200# CP (Packer in well) GOR 3620/l, Grav. 33.6° @ 60°, 4.4% mud, 4/10 of 1% water.			