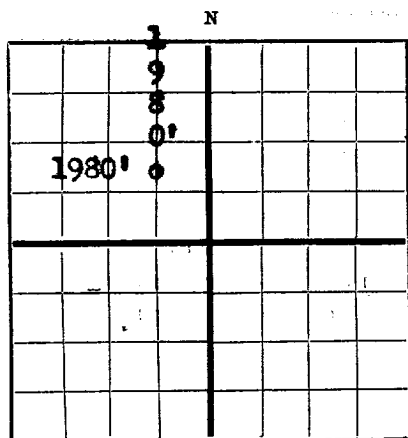


DUPLICATE

FORM C-105

RECEIVED
JUL 16 1948
HOBBBS OFFICE



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Magnolia Petroleum Company Box 727, Kermit, Texas
Company or Operator Address
Brunson Argo Well No. **5 D/D** in **NW/4** of Sec. **10**, T. **22-S**
Lease
R. **37-E**, N. M. P. M., **Paddock** Field, **East** **West** **Lea** County.
Well is **1980** feet south of the North line and **1980** feet ~~west~~ of the ~~22-S~~ 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 **June 9** **Magnolia Petroleum Company** was completed **June 17** 19**48**
Name of drilling contractor **New Mexico Drilling Tools** Address **Midland, Texas**
Elevation above sea level at top of casing **3419** feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from **5190** to **5205** 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	CUT & FILLED FROM	PERFORATED FROM TO		PURPOSE
5-1/2"	17#	8RT	J-55SS						
5" OD	15#	Extreme Line	N-80 SS	5225	Halliburton		5190	5205	Oil String
2"	4.7#	EUE 8RT	J-55 SS	5207 1/2					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
6-1/4"	5" & 5 1/2"	5225	178	Pump and plug		

PLUGS AND ADAPTERS **None used**

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
			NONE			

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 **3721** feet to **5225** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **June 23**, 19**48**
The production of the first **10** hours was **57.7** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be. **35.8 @ 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 **12** day of **July**, 19**48**
Kermit, Texas **July 12, 1948**
Name **D. P. Stephenson**
Position **District Superintendent**
Representing **Magnolia Petroleum Company**
Company or Operator Address **Box 727, Kermit, Texas**
My Commission expires **June 1, 1949**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1.25	1.25	From top of rotary drive bushing to derrick floor
1.25	11.95	10.70	From derrick floor to top of 7" OD casing
	3721	R	Ran Halliburton Caliper Survey
			Average diameter 11" to 22"
3721	3485	236	90 sac cement fill hole
3485	3721	236	D/O cement
3721	5225	1504	Lime
			Straight @ 3698'; 1 1/2" @ 4068'; 1 1/2" @ 4300'; 1-3/4" @ 4661'; 1" @ 5213'.
	5225		TOTAL DEPTH
3554	5225	1669	Ran Schlumberger Well Survey
			1st pay zone 5074-5111, fair and good porosity, 2nd pay zone 5127-5168 broken to light porosity, 3rd pay zone 5186-5225, good porosity and staining.
			Set 5" and 5 1/2" OD casing @ 5225' w/175 sac (Pipe tally 5220') with Centralizers @ 5217.51; 5152.31 5091.60, 3498.28, 3467.36.
			Top of Baker Float Shoe 5218.17
			Top of Baker Float Collar 5185.50
0	5225	5225	Halliburton Ran Temperature Survey
			Approximate top of cement 3450'.
4760	5208	448	D/O cement
5190	5205	15	McCullough Tool Perf.
			5" OD casing. w/60 1/2" holes, 4 SPT
			Set 2" tubing @ 5207 1/2'
			POTENTIAL TEST: Flowed 57.7 B/O 10 hrs. 20 min. thru 1/4" positive choke, TP 325#-550#; CP 175#-500#; GOR 2657/1; Grav. 35.8° @ 60°; 3% BS and wash water. Est. 24 hr. Capacity 138 B/O