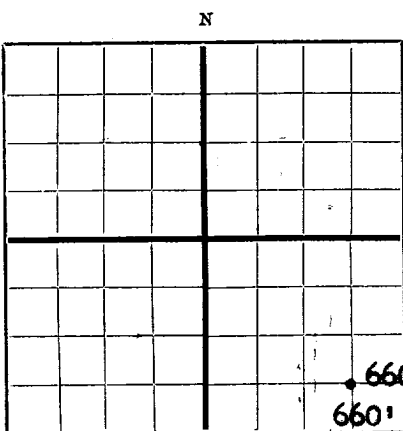


TRIPPLICATE

FORM C-105



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
H. Corrigan Well No. **2 D/D** in **SE/4** of Sec. **33**, T. **21-S**
Lease
R. **37-E** N. M. P. M. **Drinkard** Field, **Lea** County.
Well is **660** feet **north** of the **South** line and **660** feet west of the East line of **Section 33**.
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is **H. Corrigan** Address **5th Floor, 1st Nat'l Bank Bldg., Midland, Texas**
If Government land the permittee is Address
The Lessee is **Magnolia Petroleum Company** Address **Box 727, Kermit, Texas**
Drilling **Deeper** commenced **September 12, 1947** Drilling **Deeper** was completed **October 9, 1947**
Name of drilling contractor **J. C. Hawkins** Address **2210 Mercantile Bank Bldg. Dallas 1, Texas**
Elevation above sea level at top of casing **3449'** feet.
The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from **6565** 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.**

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	
5"OD	15#	8RT	J-55 Sals.						
5"OD	15#	Ext. line	J-55	6600	Halliburton		6530	6565	Oil String
							6540	6565	
							6575	6590	

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 1/2	5"	6600	250	Pump & 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
		Mud Acid	1000 gals.	10-14-47	6530-6565	
		acid	2000 gals.	10-19-47	6540-6565	
		acid	1000 gals.	10-22-47	6575-6590	
		20% low ten. acid	2000 gals.	10-23-47	6575-6590	
		20% low ten. acid	4000 gals.	10-27-47	6575-6590	
		20% low ten. acid	8000 gals.	10-28-47	6575-6590	

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 **3780** feet to **6600** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **October 28, 1947**
The production of the first **3** hours was **99** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be. **38 @ 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 **15th** **Kermit, Texas,** **January 15, 1947**
day of **January**, 19 **47** Name **Notary Public**
Notary Public 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	2.00	2.00	From top of rotary drive bushing to derrick floor
2.00	14.10	12.10	From derrick floor to top of 7" OD casing
			Halliburton ran Caliper Survey - Dia. 15" - 18" off bottom, 20' up remainder 10" dia.
3780	3583	197	Cemented shot hole w/80 sax cement.
3583			Top of cement
3583	3780		D/O cement
3780	5120	1340	Line 1 @ 4290', 1 1/2 @ 4616, 4796; 1/2 @ 4946'.
5120	5180	60	Line with odor 1 @ 5152'.
5180	5305	125	Line 1 @ 5272.
5305	5444	139	Line and shale 1 1/2 @ 5362.
5444	5475	31	Line 1/2 @ 5453.
5475	5507	32	Line and shale
5507	6437	930	Line 3/4 @ 5512, 5583, 5632 1 @ 5752, 5813, 3/4 @ 5964, 1 1/2 @ 6084. 1 @ 6145. 3/4 @ 6236. 1 @ 6354.
6437	6481	44	Line with odor 1-3/4 @ 6513.
6481	6598	117	Line
			<u>Set 5" OD casing @ 6598 w/250 sax.</u>
6590			Drilled out cement
6590			Lane Wells ran Gamma Ray
			Neutron Log
6530	6565	35	Lane Wells perforated 5" OD casing. 4 SPF, 140 shots.
6530	6565	35	Western Company acidized perforations w/1000 gals. mud acid. Maximum CP 2600# min. CP 2000#; 1 hr. 36 min. length of test; 2/10 of 1 bbl. per min. Well tested at the rate of 435 MCF per 24 hrs. per day. No fluid.
6493			Set Baker Retainer Broke circ. 1200# w/water Cement entered form. @ 1000# and built to 2800# @ end of first 150 sax. Flush perf. w/7 bbls. wtr. to squeeze w/100 sax.
			Broke formation w/water 2500#; cement entered formation 2000#, increased to 4500# w/80 sax in formation
6475	6598	123	D/O cement and retainer
6540	6565	25	McCullough Tools perforated 5" OD casing 4 S.P.F. 100 shots.
6540	6565	25	Western Company acidized perforations w/2000 gals. 20% low tension w/packer @ 6450. CP 2600#, 3 hrs. Inj. rate 3.75 BPM.
6575	6590	15	McCullough Tools perforated 5" OD casing
6575	6590	15	Western Company acidized perforations w/1000 gals. 20% low tension w/packer @ 6570 CP 2700# 2 hr. 15 min.; 2 BPM.
6575	6590	15	Western Company reacidized perforations w/2000 gals. 20% low tension w/packer @ 6570 TP 1500-2900#; CP 500#-2700#, took 43 min. to enter formation.
6575	6590	15	Western Company reacidized perforations w/4000 gals. 20% low tension, w/packer @ 6570 TP 2700#; CP 2800#-800#. Entered formation 1 hr. 5 min.
6570	6590	20	Baker reamed perforations
6575	6590		Western Company reacidized perforations w/8000 gals 20% low tension w/packer @ 6570 CP 2800#; TP 2200#-2150#, 3 hrs. 14 min. 1.2 BPM Ran 2" tubing @ 6590'.
			Test: Flowed 99 bbls. oil 3 hrs. thru 3/4" choke; TP 0#-400#; CP 0#-450#; GOR 1128/1. Corr. Grav. 38° @ 60°, 3/10 of 1% B.S. Est. 24 hr. vol. 300 bbls. oil, allow. 82 bbls. oil per day.
			Completed 8:00 AM, October 28, 1947