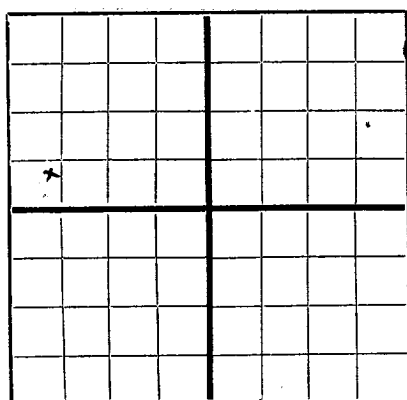


DUPLICATE

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JUN 27 1949
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HOBBS OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



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.

Humble Oil & Refining Company Box 2180, Houston, Texas
Company or Operator Address
New Mexico State 8 Well No. **20** in **NW/4** of Sec. **2**, T. **-22-S**
Lease
R. **37-E**, N. M. P. M., **Drinkard** Field, **Lee** County.
Well is **2100'** feet south of the North line and **4780** feet west of the East line of **Sec. 2**.
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is. Address.
If Government land the permittee is. Address.
The Lessee is **State of New Mexico** Address **Santa Fe, New Mexico**
Drilling commenced **4-9** 19 **49** Drilling was completed **5-12** 19 **49**
Name of drilling contractor **McQueen & Cleverger** Address **Ft. Worth, Texas**
Elevation above sea level at top of casing **3770** feet.
The information given is to be kept confidential until **None** 19.

OIL SANDS OR ZONES

No. 1, from **Clear Fork** **xx 5470** No. 4, from to
No. 2, from **Wichita** **xx 6485** No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from **None** 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	
10-3/4	32.75	8-2	Repub.	315	Halliburton				
7-5/8	26.4	8-2	Unknown	2590	Halliburton				
5-1/2	15.5, 14	8-2	Spang	6488	Halliburton				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	10-3/4	330	250	Halliburton		
9-7/8	7-5/8	2604	1417	Halliburton		
6-3/4	5-1/2	6500	515	Halliburton		

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
		Dowell IF 15% L.T.	1000 gals.	5-24-49	6450-6490	

Results of shooting or chemical treatment **Satisfactory.**

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.
See Reverse

TOOLS USED

Rotary tools were used from **0** feet to **6501 T.D.** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **May 30** 19 **49**.
The production of the first 24 hours was **154.63** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be. **37.4**.
If gas well, cu. ft. per 24 hours. Gallons gasoline per 1,000 cu. ft. of gas.
Rock pressure, lbs. per sq. in.

EMPLOYEES

W. S. Box Driller **A. T. Coleman** Driller
Tom Childress 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 **24th** day of **June**, 19 **49**.
Willie Mae Ferguson Notary Public
My Commission expires **6-1-51**

Midland, Texas **June 24, 1949**
Name **J. P. McKinnan**
Position **Asst. Div. Superintendent**
Representing **Humble Oil & Refining Company**
Company or Operator
Address **Box 1600, Midland, Texas**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	180	180	Red rock.
180	345	165	Red rock and shells.
345	1315	970	Red bed, shells, anhydrite.
1315	2359	1044	Salt and anhydrite.
2359	3175	816	Anhydrite.
3175	3622	447	Anhydrite and lime.
3622	6501	2879	Lime. TOTAL DEPTH.
DRILL STEM TESTS			
5-10-49:	5443-5610', 5/8" bottom and 1" top chokes. Tool open 17 mins, gas to surface in 2 minutes, gas and drlg mud in 5 mins, and gas and drlg. mud spray during test. Gas volume 3,700 MCF per day. Recovered 240' gas cut drlg mud.		
5-16-49:	6299-6370', 5/8" bottom and 1" top chokes. Tool open 1 hr. 38 mins. Good air blow immediately, gas to surface in 2 mins, gas volume 1,080 MCF/day. Recovered 300' oil and gas cut drlg mud.		
5-17-49:	6372-6422', 5/8" bottom and 1" top chokes. Tool open 31 mins. Good blow air immediately, gas to surface in 2 mins. Gas volume 5,500 MCF per day. Recovered 3 gals. distillate in drill pipe.		
5-18-49	6422-6475', 5/8" bottom and 1" top chokes. Tool open 2 hrs, fair blow air immediately. Gas to surface in 5 mins. Pipe unloaded approximately 5 bbls. oil, or 675', when 9 stands out. Recovered in drill pipe 180' clean oil and 450' oil and gas cut drlg. mud.		
5-19-49	6475-6501', 5/8" bottom and 1" top chokes. Tool open 2 hrs., light blow air immediately. Gas to surface in 1 hr. 22 mins. Recovered 90' oil and gas cut drlg. mud.		