FORM C-105

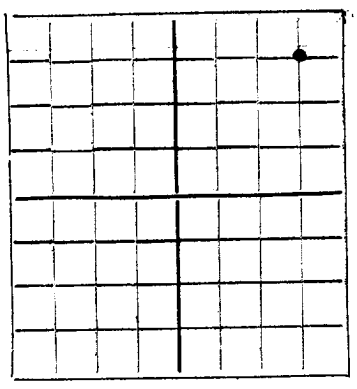
N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

WELL RECORD



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Humble Oil & Refining Company (Company or Operator) Houston, Texas (Address)

N. M. State D (Lease) Well No. 2 in NE 1/4 of Sec. 20, T. 19-South

R. 37-East, N. M. P. M., Monument Field, Lea County.

Well is 660' feet south of the North line and 660' feet west of the East line of Section 20.

If State land the oil and gas lease is No. B1386 Assignment No.

If patented land the owner is , Address

If Government land the permittee is , Address

The Lessee is Humble Oil & Refining Company, Address Houston, Texas

Drilling commenced 12-9-36 19 . Drilling was completed 1-27-37 19 .

Name of drilling contractor McQueen & Clevenger, Address Hobbs, New Mexico

Elevation above sea level at top of casing 3653' feet.

The information given is to be kept confidential until 19 .

OIL SANDS OR ZONES

No. 1, from 3877' to 3980' No. 4, from to

No. 2, from to 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 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	PERFORATED TO	PURPOSE
10-3/4"	35.75	8	LW	186'	Larkin Set Shoe				
7-5/8"	26.40	8	LW	1561'	Halliburton				
5-1/2"	17	10	SS	3728'	Halliburton				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	10-3/4	201	100	Halliburton	9.8#	35 tons used in well
9-7/8"	7-5/8"	1565'	400	Halliburton	10.3#	
6-3/4"	5-1/2"	3740'	100	Halliburton	10.8#	

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 X	1000 gal	1-29-37	3980'	
		Dowell S	3000 "	1-29-37	3980'	

Results of shooting or chemical treatment Well flowed at rate of 6 barrels oil per hour thru open 2" tubing. Ratio 150:1

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 Attachment

TOOLS USED

Rotary tools were used from 0 feet to 3980 feet, and from feet to feet

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

PRODUCTION

Put to producing 2-1-37, 19

The production of the first 24 hours was 6 barrels of fluid of which 99.8 % was oil; % emusion; % water; and 2/10of1% sediment. Gravity, Be 32.5 at 60 degrees

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

Roy Gemphle, Driller G. E. Earnest, Driller

W. Daves, 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 day of February, 19 37

Midland, Texas (Place) February 15, 1937 (Date)

Name

Position Assistant Division Superintendent

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	19	19	Cellar
19	49	30	Caliche
49	125	76	Sand Surface
125	620	495	Red Bed
620	915	295	Red Rock & Shells
915	1110	195	Red Bed & Red Rock
1110	1231	121	Red Rock & Shells
1231	1322	91	Red Rock & Anhydrite Shells
1322	1452	130	Anhydrite
1452	2215	763	Salt & Anhydrite Shells
2215	2490	275	Salt & Anhydrite
2490	2814	324	Anhydrite
2814	3330	516	Grey Lime
3330	3817	487	Brown Lime
3817	3841	24	Lime
3841	3980	139	Brown Lime
	TOTAL DEPTH		