FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

ILLEGIBLE

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Humble Oil & Refining Co. Box 2180, Houston, Texas
Company or Operator — Address

New Mexico State "F" Well No. 2 in of Sec. 9, T. 17-S
Lease

R. 36-E, N. M. P. M., West Lovington Field, Lea County.

Well is 660' feet south of the North line and 1980' feet west of the East line of Sec. 9-T-17-S-R-36-E

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 New Mexico State, Address Santa Fe

Drilling commenced 9-3-44 19 Drilling was completed 1-20-45 (Plug back job)

Name of drilling contractor Leffland Bros., Address Tulsa, Okla.

Elevation above sea level at top of casing 3866 feet.

The information given is to be kept confidential until — 19

OIL SANDS OR ZONES

No. 1, from 4867 to 4882 No. 4, from to

No. 2, from 5010 to 5076 No. 5, from to

No. 3, from 5123 to 5141 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 None 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
10¾	40.50	8 rnd.	2nd.	303.24	Hall.	None			
7 5/8	26.	8 rnd.	Nat'l	1969.41	Hall.	None	—	—	
5½	14.	8 rnd.	Nat'l	5151.16	Hall.	None	4710	5100	Pay Zone

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13¾	10¾	315.49	180	Halliburton	None	None
9 7/8	7 5/8	1980.00	580	"	"	"
6¾	5½	5141.70	400	"	"	"

PLUGS AND ADAPTERS

Heaving plug—Material None Length None Depth Set None

Adapters—Material None Size None

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Dowell	2000 gal	11-10-44	4710-5100	None

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.
On 10-27-44 Drill Stem Test from 5143 to 5162 recovered water & Mud.

TOOLS USED

Rotary tools were used from 0 feet to 5162 feet, and from feet to feet

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

PRODUCTION

Put to producing 11-19-44 19

The production of the first 24 hours was 72 barrels of fluid of which 80 % was oil; %

emulsion; 20 % water; and % sediment. Gravity, Be 36

If gas well, cu. ft. per 24 hours none Gallons gasoline per 1,000 cu. ft. of gas —

Rock pressure, lbs. per sq. in. Tubing, none; Casing-370 lbs.

EMPLOYEES

J. C. Fairs, Driller — J. P. Chears, Driller

M. H. Drury, 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 24th

day of April 1945

Ima Laverne Key (signature)
IMA LAVERNE KEY
Notary Public

My Commission expires 6-1-45

Midland, Texas 4-24-45
Place — Date

Name (signature)

Position Asst. Div. Supt.

Representing Humble Oil & Refining Co.

Address Box 1600, Midland, Texas.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	39		Caliche
39	200		Caliche & Sand
200	345		Sand & Shells
345	1104		Red bed
1104	1741		Red bed & Shells
1741	1839		Shale & Anhydrite & Shells
1839	1870		Shales & Red bed
1870	1920		Red bed & Anhydrite & Shells
1920	2133		Anhydrite
2133	2448		Salt
2448	2647		Salt & Shells
2647	2919		Salt, Potash & Shells
2919	3040		Salt, Shale, Anhydrite & Shells
3040	3120		Anhydrite & Shale
3120	3162		Salt & Anhydrite
3162	3310		Anhydrite & Shells
3310	3350		Anhydrite
3350	3415		Anhydrite & Red rock
3415	3453		Anhydrite
3453	3477		Anhydrite & Gyp
3477	3510		Anhydrite
3510	3670		Anhydrite & Gyp
3670	3743		Anhydrite
3743	3796		Anhydrite & Gyp
3796	3840		Shale & anhydrite
3840	3946		Anhydrite & Shale
3946	3987		Anhydrite
3987	4033		Anhydrite & Lime
4033	4049		Lime
4049	4075		Lime & Anhydrite
4075	4112		Anhydrite & Lime
4112	4135		Lime
4135	4184		Anhydrite & Gyp
4184	4216		Anhydrite, Gyp & Shale
4216	4318		Anhydrite & Shale
4318	4477		Anhydrite & Lime
4477	5162		Lime
5162			Total Depth