

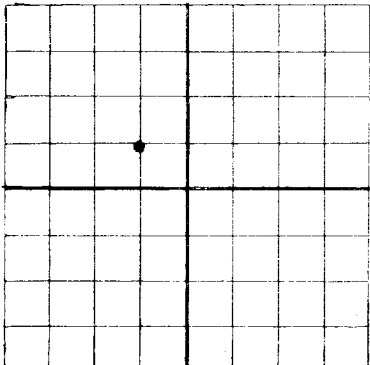
FORM C-105

N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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 **Houston, Texas**
Company or Operator Address
N.M.State "H" **se/4 of ne/4**
Well No. **5** in **34** of Sec. **22-S**
Lease
37-E **Penrose** **Lea** County.
N. M. P. M. Field, County.
Well is **1980** feet south of the North line and **1981.6'** **east west** feet east of the **Sec. 34** line of **37-21**
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 **Humble Oil & Refining Company** Address **Houston, Texas**
Drilling commenced **10-4-39** 19 Drilling was completed **19-24-39** 19
Name of drilling contractor **Company Rig #119** Address
Elevation above sea level at top of casing **3332** feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from **3520** to **3620** 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		PURPOSE
							FROM	TO	
9 5/8	36#	8	OD	415'10"	Shop made				
7"	24#	8	OD	3396'4"	Halliburton				
	LINER								
5"	13#	10	OD	272'8"	Shop made				
	TUBING								
2"	4.70#	8	EUE	3535'					

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	9 5/8	428'10"	250	Pump	10.4	14 tons
8 3/4	7"	3409'7"	410	"		
Liner	5"	3665'				
Tubing	2"	3547				

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
4 1/2x30qt		O.W.E.	320 qts	10/24/39	3560-3660	Same
4 1/2x20 qts						

Results of shooting of ~~XXXXXXXXXX~~ well tested 4 hrs. thru 1" choke, made 49 bbl. per hour, BS&W 2/10 of 1%

SEE ATTACHMENT

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.

TOOLS USED

Rotary tools were used from **0** feet to **3665'** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **11-1-39** 19 **INITIAL TEST**
The production of the first 24 hours was **1186** barrels of fluid of which **99 8/D%** was oil; emulsion; **2/10 of 1% BS&W** and % sediment. Gravity, Be. **39.2 at 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

O.M.White-R.G.Habert-J.M.Farrow Driller **P.L.Stephens-R.Andrews** 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 **8th** day of **November** 19 **39**
W. H. Mac Farland
Notary Public
My Commission expires **6/1/41**

Midland, Texas **November 8, 1939**
Name **[Signature]** Date
Position **Assistant Division Superintendent**
Representing **Humble Oil & Refining Company**
Company or Operator
Address **Box 1600 - Midland, Texas.**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	100	100	Caliche and sand
100	225	125	Red bed and hard sand
225	440	215	Red bed
440	1011	571	Red bed and shells
1011	1152	141	Red bed and hard sand
1152	1297	145	Anhydrite
1297	1405	108	Salt and anhydrite
1405	1835	430	Salt and strks.anhydrite
1835	2295	460	Salt and anhydrite
2295	2495	200	salt and strks.anhydrite
2495	3007	512	Anhydrite
3007	3665 TD	658	Lime

pr&2cc: N.M. State Oil Conservation Commission ✓

lcc: Mr. J.W.House

lcc: Mr. J.B.Carsey

pr&2cc: Mr. R.E.Sinclair

lcc: Mr. J.I.Riddle

lcc: File