

DUPLICATE

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HOBBBS OFFICE

FORM C-105

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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Humble Oil and Refining Company **Box 8180, Houston, Texas**
 Company of Operator Address
H. M. State Well No. **1** (subject) of Sec. **1** T. **13-S**
 R. **34-2** N. M. P. M. **400** Field, **Leon** County.
 Well is **640** feet south of the North line and **5500** feet west of the East line of **1-542-123**
 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 and Refining Company** Address **Houston, Texas**
 Drilling commenced **7-7-44** 19 _____ Drilling was completed **8-21-44** 19 _____
 Name of drilling contractor **Loffland Bros.** Address **Tulsa, Okla.**
 Elevation above sea level at top of casing **4130** feet.
 The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from _____ to _____ 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	
10 1/2"	40.5	8	Natl. 321.00 Hall.						
7-5/8"	28	8	Natl. 3200.00 Larkin						

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHIRL SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15 1/2"	10 1/2"	250.75	200	Pump	12	
8-7/8"	7-5/8"	3300.00	1700	Pump	10	

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
		NONE				

Results of shooting or chemical treatment **NONE**

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 **4994** feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **Dry hole** 19 _____
 The production of the first 24 hours was **None** barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be. _____
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

D. E. Martin Driller **W. R. Green** Driller
J. P. Cheers 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 **7th** **Midland, Texas** **9-7-44**
 day of **September** 19 **44** Name **[Signature]**
William Lee Ferguson Position **Division Superintendent**
 Notary Public Representing **Humble Oil & Refg. Co.**
 My Commission expires **6-1-45** Address **Box 1000, Midland, Texas**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	59	59	Clay and Caliche
59	163	124	Caliche and Quick Sand
163	193	30	Sand and Shells
193	315	122	Red Beds and Shells
315	421	106	Blue Shale
421	721	300	Red Beds and Sand
721	982	261	Anhydrite, Shells, and Shale
982	1044	62	Red Beds and Sand
1044	1387	313	Red Beds and Blue Shale
1387	1975	618	Red Beds and Shells
1975	2000	25	Red Beds
2000	2105	105	Shale and Gyp
2105	2310	205	Shale and Shells
2310	2670	360	Shale and Salt
2670	2870	200	Shale and Anhydrite
2870	2925	55	Gyp and Anhydrite
2925	2985	60	Anhydrite and Shale
2985	3015	30	Anhydrite and Gyp
3015	3060	45	Shale
3060	3283	223	Anhydrite and Shale
3283	3440	157	Anhydrite
3440	3570	30	Salt
3570	3440	70	Anhydrite and Shale
3440	3688	248	Anhydrite and Gyp
3688	3760	72	Anhydrite and Shale
3760	3900	140	Anhydrite
3900	3945	45	Shale
3945	4075	130	Anhydrite
4075	4124	49	Sand and Anhydrite
4124	4156	32	Anhydrite
4156	4195	39	Lime
4195	4261	66	Gray Lime
4261	4286	25	Gyp and Lime
4286	4330	44	Gray Lime
4330	4490	160	Lime
4490	4620	130	Gray Lime
4620	4733	113	Lime
4733	4775	42	Lime Chert
4775	4795	21	Lime
4795	4813	17	Sand and Lime
4813	4841	28	Lime
4841	4875	34	Lime and Shale
4875	4895	21	Lime
4895	4924	30	Gyp and Anhydrite
4924	4994	69	Lime + T.D.

GENERAL REMARKS

Drilled by: Loffland Bros. Co.
 Hobbs District Reg. 794 Job Order NM-683
 Pay Formation: None
 Elevation Top Derrick Floor - 4150 ft.; Top Bradenhead - 4139 ft.;
 Ground - 4140 ft.

Casing Set

10 1/2" O.D. Set 7 jts. 291.89'
 7-5/8" O.D. Set 78 jts. 3289.00'

Casing Cemented

10 1/2" with 165 sacks
 7-5/8" with 1700 sacks

Drilling Data

Commenced Building Rig:	7-4-44	Completed:	7-4-44
" Rigging Up:	7-4-44	"	7-7-44
" Drilling:	7-7-44	"	8-21-44

Set Shoes and Float Collars

With 10 1/2"
 " 7-5/8"

1-10 1/2" Halliburton Guide Shoe
 1-7-5/8" Larkin Set Shoe and
 Float Collar.