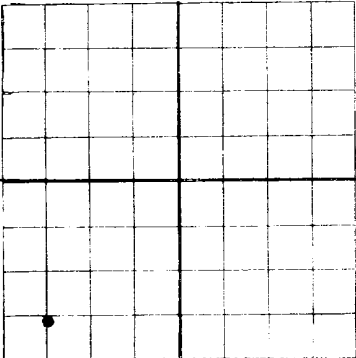


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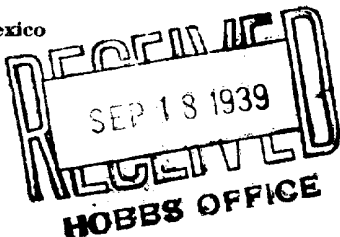
NEW MEXICO OIL CONSERVATION COMMISSION



AREA 640 ACRES
LOCATE WELL CORRECTLY

Santa Fe, New Mexico

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.

DUPLICATE

Humble Oil & Refining Co. **Houston, Texas**
Company or Operator Address
N.M. State "K" Well No. **8** in **SW/4 of SW/4** of Sec. **28**, T. **13-S**
Lease
R. **35-E** N. M. P. M. **Vacuum** Field, **Lea** County.
Well is **660** feet **North** of the **South** line and **660** feet **East** of the **West** line of **Sec. 28**
If State land the oil and gas lease is No. **24241** Assignment No. _____
If patented land the owner is _____ Address _____
If Government land the permittee is _____ Address _____
The Lessee is **Humble Oil & Refining Co.** Address **Houston, Texas**
Drilling commenced **8/10/39** 19____ Drilling was completed **9/8/39** 19____
Name of drilling contractor **Company Rig** Address _____
Elevation above sea level at top of casing **3949** feet.
The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

No. 1, from **4160** to **4660** 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 TO	PURPOSE
10 5/4	40	8	OD	227'6"	Shop made			
7 5/8	22-40#	8	OD	1559'9"	Halliburton guide shoe			
5 1/2	17#	8	OD	4158'2"	Ditto			
TUBING								
2"	4.70#	8	HOUSE	4627'9"				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13 5/4	10 5/4	241'6"	125	Pump		12 tons
9 5/8	7 5/8	1572'9"	400	"		
6 3/4	5 1/2	4150'2"	259	"		

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
		Chem. Process	2000	9/7/39	4250-4600'	Same
		Acid				

Results of ~~shooting~~ chemical treatment **After swabbing, well made about 12 to 15 bbls. per hr.**

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 **4660** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **Sept. 15,** 19 **39** **INITIAL TEST**
The production of the first 24 hours was **264** barrels of fluid of which **99 2/10** % was oil;
emulsion; **8/10 of 1 BBL** water, and _____ % sediment. Gravity, Be **37.6 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

C.H. Oberg-C.R. Cherry Driller **K.C. Langston-R.F. Huber** Driller
M.L. Prichard-B.F. Seay 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 **September** 19 **39** at **Midland, Texas** **September 15, 1939**
Name **Wm. Hae Ferguson**
Position **Division Superintendent**
Representing **Humble Oil & Refining Company**
Company or Operator
Address **Box 1600 - Midland, Texas.**
My Commission expires **6/1/41**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	15	15	Cellar
15	64	49	Caliche
64	179	115	Surface sand & gravel
179	1554	1375	Red Bed
1554	1580	26	Anhydrite
1580	1690	110	Hard water sand
1690	2121	431	Salt & Anhydrite
2121	2433	312	Salt & Strks Anhydrite
2433	2515	82	Salt
2515	2548	33	Anhydrite
2548	2672	124	Salt
2672	2729	57	Anhydrite
2729	2838	109	Anhydrite & strks salt
2838	3051	213	Anhydrite
3051	3071	20	Yates gas sand
3071	3111	40	Anhydrite strks of sand
3111	3697	586	Anhydrite
3697	3740	43	Anhydrite & strks lime
3740	3783	43	Anhydrite
3783	3891	108	Anhydrite & strks of lime
3891	3921	30	Lime & strks anhydrite
3921	3951	30	Lime & Anhydrite
3951	4113	162	Lime
4113	4104	Corrected hole back to 4104' steel line measurement	
4104	4449	345	Lime
4449	4458	9	Broken lime
4458	4505	47	Lime
4505	4534	29	Broken lime
4534	4555	21	Hard Lime
4555	4610	55	Broken lime
4610	4644	34	Lime
4644	4650	6	Hard Lime
4650	4660 TD	10	Broken lime

GENERAL REMARKS

Drilled by-----Co.Rig #138

Hobbs Dist.Req #485, NM-503

Pay formation: 4500-4636

Elevation top of derrick floor-3960'

Elevation top of oil string bradenhead-3949'

Distance from top of derrick floor to top of rotary-1'

Distance from top of derrick floor to top of oil string bradenhead-11'

CASING SET

10 3/4" OD set 11 jts, 227'6" at 241'6"

7 5/8" OD set 68 jts, 1559'9" at 1572'9"

5 1/2" OD set 174 jts, 4138'8" at 4150'8"

CASING CEMENTED

10 3/4" used 125 sacks ElToro

7 5/8" used 480 sacks ElToro

5 1/2" used 250 sacks ElToro

2" tubing set 148 jts, 4627'9" at 4638'9"

No liner set.

DRILLING DATA

Commenced building- - - - -Aug.8, 1939

Commenced rigging up- - - - -Aug.8, 1939

Commenced drilling- - - - -Aug.10, 1939

Completed drilling- - - - -Sept.8, 1939

Completed work- - - - -Sept.9, 1939

SET SHOES & FLOAT COLLARS USED:

With 10 3/4" Casing

1 shop made shoe

With 7 5/8" Casing

1-7 5/8" Halliburton guide shoe

1-7 5/8" Halliburton float collar

With 5 1/2" Casing

1-5 1/2" Halliburton guide shoe

1-5 1/2" Halliburton float collar

ORA200: N.M.STATE OIL CONSERVATION COMMISSION

ICC: MR. J.W.HOUSE

ICC: MR. J.KEARNEY

ORA200: MR. R.E.SINGLAIR

ICC: MR. J.I.RIDDLE

ICC: MR. FILE

HUMBLE OIL & REFINING COMPANY
HOUSTON, TEXAS

COPY

Hobbs, New Mexico
Sept. 14, 1939

Humble Oil & Refining Company's N.M. State "K" #8,
660' north of the south line and 660' east of the
west lines of Section 28, Twp 15-S, R 35-E, Vacuum
Area, Lea County, N.M.

DEVIATION SURVEYS ARE AS FOLLOWS

<u>Depth</u>	<u>Slope</u>	<u>Instrument</u>
251	1	SS
753	1	"
1415	1	"
2125	0	"
2700	2	"

COPY

AMBLE OIL & REFINING COMPANY
HOUSTON, TEXAS

4-220 D18227

Boone, New Mexico
April 11, 1935

AMBLE OIL & REFINING COMPANY'S A.M. State No. 18,
1935, north of the section line and east of the
west line of Section 28, Twp 15-N, R. 20-W, Yeaman
County, N.M.

PRODUCTION OF OIL AND GAS

<u>Production</u>	<u>Days</u>	<u>Barrels</u>
28	1	200
"	1	700
"	1	1400
"	0	1400
"	2	2700