

NEW MEXICO OIL CONSERVATION COMMISSION

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Humble Oil & Refining Company

Houston, Texas

Company or Operator

Address

Humble State Agencies Well No. 5 in SW 1/4 of Sec. 31, T. 20-South

Lease R. 27-East

N. M. P. M., Amigo Field, Lea County.

Well is 3300 feet south of the North line and 3300 feet west of the East line of Section 31

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 September 19, 1936 Drilling was completed October 7, 1936

Name of drilling contractor McNeen & Cleverger Address Hobbs, New Mexico

Elevation above sea level at top of casing 3529'8" feet

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3740' to 3840' 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
10-3/4"	35.75	8	SS	125'	Halliburton			
7-5/8"	26.40	8	LS	1169'	Halliburton			
5-1/2"	17	10	SS	3727'	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
13-1/4"	10-3/4"	140'	100	Halliburton	10.5	30 tons used in
9-7/8"	7-5/8"	1134'	400	Halliburton	10.5	well
6-3/4"	5-1/2"	3740'	100	Halliburton	11.2	

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	2000 lbs	10-11-36	3840'	

Results of shooting or chemical treatment Well flowed at the rate of 11 barrels per hour through open 2" tubing.

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 3840 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing October 16, 1936, 19
On 2 hr test The production of the first 24 hours was 11 barrels of fluid of which 99.6% was oil; emulsion; % water; and 4/100% sediment. Gravity, Be. 33.5 at 60 degrees
If gas well, cu. ft. per 24 hours 42,000 per hr. Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 20.50 at 100'

EMPLOYEES

Skert Inston, Driller L. L. Stevenson, Driller
Bill Collins, 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 26th day of Oct., 1936

Wm. W. Ferguson
Notary Public.

My Commission expires 6-1-37

Midland, Texas, Oct. 26, 1936

Name J. W. Lawrence

Position Asst. Division Superintendent

Representing Humble Oil & Refining Company

Address Drawer W, Midland, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20	20	Sollar
20	30	10	Caliche
30	95	65	Sand
95	145	50	Red Bed
145	257	112	Hard Sand & Red Bed
257	1000	743	Red Bed
1000	1055	55	Red Rock
1055	1130	75	Anhydrite
1130	1155	25	Salt
1155	1205	50	Anhydrite
1205	1415	210	Anhydrite & Salt
1415	1542	227	Salt & Anhydrite
1542	2491	949	Salt
2491	2995	504	Anhydrite
2995	3316	321	Anhydrite & Lime
3316	3320	4	Anhydrite
3320	3355	35	Sand with Lime Streaks showing gas
3355	3378	23	Lime & Anhydrite
3378	3840	462	Lime
	TOTAL DEPTH		

HUMBLE OIL & REFINING COMPANY'S

Humble Caste Legions 15

at 1/4 of Section 31, Twp 20-S
Range 37-E, Loc 90., N. M.

DEVIATION SURVEY

acid bottle test at	250'	Hole straight
acid bottle test at	500'	Deviation 1 degree
acid bottle test at	700'	Deviation 1 degree
acid bottle test at	850'	Hole straight
acid bottle test at	1000'	Deviation 1 degree
acid bottle test at	2000'	Deviation 1 degree
acid bottle test at	2250'	Deviation 1 degree
acid bottle test at	2500'	Deviation 1 degree
acid bottle test at	3000'	Deviation 1 degree

GRILL TEST

None