

Santa Fe, New Mexico

MORE

WELL RECORD

DUPLICATE

AREA 640 ACRES
LOCATE WELL CORRECTLY

Humble Oil & Refining Company

Houston, Texas

M. E. Laughlin

Company or Operator

5

SE 1/4

Address

20 South

37 East

Lease

Well No.

in

of Sec.

T.

Monument, N. M.

Field, Lea,

County.

Well is 360 feet south of the North line and 1800 feet west of the East line of Section 4

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

Monument N. M.

The Lessee is

Address

Houston, Texas

Drilling commenced

March 16,

1937

Drilling was completed

April 8

1937

Name of drilling contractor

Gardner Brothers

Address

Hobbs, New Mexico

Elevation above sea level at top of casing feet.

The information given is to be kept confidential until

19

OIL SANDS OR ZONES

No. 1, from 3822' to 3880' 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" OD 40. #		8	LW	138'		Texas Pattern		
7 5/8" OD 26.40 #		8	LW	1239'		Halliburton		
5 1/2" OD 17 #		10	SS	153'		Halliburton		
2" HUSE 4.70 #				3764'				

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 3/4" 10 3/4		151	100	Halliburton	10.2	35 tons used
9 7/8" 7 5/8		1251	400	Halliburton	10.5	in wall.
6 3/4" 5 1/2		3735	100	Halliburton	10.6	

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 XX	1000	April 7, 37	3800	

Results of shooting or chemical treatment Well flowed at rate of 15 bbls. per hour.
Well would not flow before treatment.

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.

See Attachment

TOOLS USED

Rotary tools were used from 0 feet to 3880 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Will be put to producing

The production of the first 24 hours was 480 barrels of fluid of which 92.6 % was oil;
emulsion; % water; and .4 % sediment. Gravity, Be 33.6 at 60 degrees
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. O. Stead

Driller George Lewis

T. M. Clark

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 23rd

Midland, Texas

April 23, 1937

day of April, 1937

Name

Place

Date

Position

Division Superintendent

Representing

Humble Oil & Refining Company

My Commission expires 6/1/37

Company or Operator

Address Box 1600 - Midland, Texas.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	55	55	Caliche & Sand
55	90	35	Sand & Gravel
90	165	75	Red Rock
165	690	525	Red Bed
690	1225	535	Red Rock
1225	1425	200	Anhydrite
1425	2195	770	Salt
2195	2417	222	Salt & Anhydrite
2417	2450	33	Salt
2450	2950	500	Anhydrite Broken
2950	3200	250	Anhydrite & Lime
3200	3244	44	Sandy Lime
3244	3385	141	Anhydrite & Lime
3385	3370	15	Broken Lime Grey.
3370	3410	40	Broken Lime.
3410	3570	160	Grey Lime.
3570	3772	202	Lime
3772	3795	23	Sandy Lime.
3795	3808	13	Lime.
3808	3880	72	Broken Lime

HUMBLE OIL & REFINING COMPANY'S

M. E. LAUGHLIN # 5

S.E. 1/4 of Sec. 4, Township 20 South. Range 37 East,
Lea County, New Mexico.

DEVIATION SURVEYS.

Acid bottle test at	650'	deviation	1 degree
Acid bottle test at	1159'	deviation	1 degree
Acid bottle test at	1300'	deviation	1/2 degree
Acid bottle test at	1700'	deviation	1/2 degree
Acid bottle test at	2025'	deviation	1/2 degree .
Acid bottle test at	2510'	deviation	1/2 degree
Acid bottle test at	2750'	deviation	1/2 degree.

DRILL STEM TESTS.

None.