

NEW MEXICO OIL CONSERVATION

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 TRIPLICATE.

Humble Oil & Refg. Co.

Houston, Texas

Company or Operator

M. E. Laughlin

Well No.

1

in NE 1/4

of Sec.

4

T. 20 South

R. 37 E.

Monument

Field, Lea, New Mexico

County.

Well is 1990 feet south of the North line and 1990 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 M. E. Laughlin Address Monument, New Mexico

If Government land the permittee is Address

The Lessee is Humble Oil & Refining Co.

Address Houston, Texas

Drilling commenced August 3rd, 1936 Drilling was completed 9/25, 1936

Name of drilling contractor Gardner Bros. Address Dallas, Texas

Elevation above sea level at top of casing 3554 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3783' to 3883'	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.	1000
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
10-5/8" OD	86.75	8	SS	117'	Tex-Pat.			
7-5/8" OD	84.00	8	SS	1340'	Halliburton			
5-1/2" OD	17.00	10	SS	3755	"			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/2"	10-5/8"	155	100	Halliburton	10.8	50 tons used in
8-5/8"	7-5/8"	1555	400	"	10.7	wall.
6-3/4"	5-1/2"	3755	100	"	10.7	

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 X	2000 G.	9/29/36	3907'	
		Dowell X	4000 G.	9/30/36	3907'	

Results of shooting or chemical treatment 1st treatment: 17 bbls. fluid per hr. thru bkg, 3/4" choke, 50% flow, and 11000 cu. ft. gas per hr.

2nd treatment: flowed 64 bbls. fluid, 40% B.S.G., in 8 hrs 1st day. 2nd day flowed 47 bbls. fluid per hr., 10% B.S.G.

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 1 feet to 3885 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 9/1, 1936
The production of the first 24 hours was 144 barrels of fluid of which 88 % was oil; %
emulsion; 10 % water; and % sediment. Gravity, Be 34.6
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

E. B. Clark

Driller

W. F. Grantham

Driller

Geo. Lewis

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 22nd

Midland, Texas. Sept. 22, 1936

day of September, 1936

Name

Position Division Superintendent

Representing Humble Oil & Refining Company

My Commission expires

Company or Operator

Address Houston, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	25	25	Caliche
25	118	91	Sand
118	580	464	Red beds
580	610	30	Shells
610	1150	540	Red beds
1150	1283	133	Red rock
1283	1360	77	Anhydrite
1360	1375	15	Broken anhydrite
1375	1385	10	Red rock
1385	1388	3	Broken anhydrite
1388			
1388	1397	9	Anhydrite
1397	1510	113	Salt
1510	1725	215	Salt & anhydrite
1725	2070	345	Salt
2070	2382	312	Salt & shells
2382	2480	98	Salt
2480	2517	37	Anhydrite
2517	2579	62	Sand & anhydrite
2579	2658	79	Anhydrite & shells
2658	2674	16	Anhydrite
2674	3050	376	Broken lime
3050	3098	48	Anhy. & lime shells
3098	3150	52	Anhydrite
3150	3187	37	Broken anhydrite
3187	3222	35	Anhydrite & lime
3222	3273	51	Anhydrite
3273	3332	59	Broken anhydrite
3332	3421	89	Broken anhydrite
3421	3460	39	Lime, gray
3460	3499	39	Lime
3499	3530	31	Lime, gray
3530	3570	40	Lime, broken
3570	3585	15	Lime
3585	3595	10	Soft, sandy lime-gas
3595	3610	15	Lime
3610	3660	50	Broken lime
3660	3764	104	Lime
3764	3776	12	Lime, gray
3776	3791	15	Lime
3791	3818	27	Lime, gray
3818	3868	50	Lime
3868	3907	39	Lime, broken
3907	3985 TD.	78	Plugged back with cement- total depth.