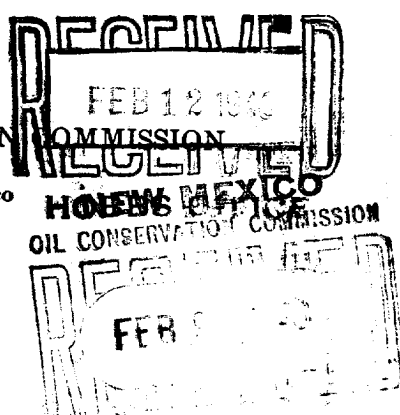


DUPLICATE

4589

NEW MEXICO OIL CONSERVATION

Santa Fe, New Mexico



WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

J. E. Rush

1202 Kirby Bldg., Dallas, Texas

Mattix B-10

Company or Operator

Well No. 1

in SE NW of Sec. 10

Address

24-S

R. 37E

N. M. P. M.

Mattix

Field, Lea

Well is 1980

feet south of the North line and

1980

feet west of the East line of

Sec. 10

County.

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

G. H. Mattix

Address

Amarillo, Texas

The Lessee is

G. H. Mattix

Address

Amarillo, Texas

Drilling commenced

Nov. 9,

1939

Drilling was completed

Jan. 25,

1940

Name of drilling contractor

Midland Drilling Co.

Address

Dallas, Texas

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 3332

to 3337

No. 4, from 3503

to 3550

No. 2, from 3466

to 3473

No. 5, from

to

No. 3, from 3400

to 3485

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 128

to 130

Hole full

No. 2, from 635

to 665

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	
8 1/4	28	10	S.H.	1269	Texas Pat				Protect
7	22	10	Ygsth	3148 7"	Texas Pat				Water
									oil staining

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10 3/4	8 1/2	1269	150	Halliburton		
8 3/4	7	3152	250	Halliburton		

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
	4" & 5"	Nitro-Jelly	715	1-25-40	3330-3570	

Results of shooting or chemical treatment

Well cleaned itself - increased gas & oil

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

feet to

feet, and from

feet to

feet

Cable tools were used from

0

feet to

3570

feet, and from

feet to

feet

PRODUCTION

Put to producing

January 25,

1940

The production of the first 24 hours was

480

barrels of fluid of which

100

% was oil;

emulsion;

% water; and

% sediment.

Gravity, Be

30-40

If gas well, cu. ft. per 24 hours

Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

600# on tubing

EMPLOYEES

F. D. Hefren

Driller

Bill Prior

Driller

H. A. Burdette

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

Dallas

Texas

day of February

1940

Name

E. D. Denton

Position

Agent

Representing

J. E. Rush

Company or Operator

Address

1202 Kirby Bldg.,

Dallas, Texas

My Commission expires June 1, 1941

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	25	25	Galeochie
25	30	30	Galeochie
30	60	30	Sand
60	100	40	Red Sand
100	126	26	Sand
126	130	4	Gravel - carrying water
130	240	110	Red Rock
240	280	40	Broken Slate
280	325	45	Blue Shale
325	365	40	Red Rock
365	390	25	Blue Shale
390	405	15	Sandy Shale
405	520	115	Red Rock
520	530	10	Blue Shale
530	555	25	Red Bed
555	565	10	Red Rock
565	580	15	Blue Shale
580	595	15	Sand
595	610	15	Anhydrite
610	635	25	Red Rock
635	665	30	White Sand - Carrying water
665	725	55	Blue Shale
725	750	25	Red Rock
750	770	20	Red Mud
770	995	225	Red Rock
995	1085	90	Anhydrite
1085	1110	25	Anhydrite & yellow Shale
1110	1118	8	Blue Shale
1118	1130	12	Red Rock
1130	1140	10	Anhydrite
1140	1160	20	Red Rock & Blue Shale
1160	1165	5	Red Rock
1165	1175	10	Anhydrite
1175	1240	65	Red Rock, potash & salt
1240	1255	15	Salt & potash
1255	1265	10	Red Rock
1265	1275	10	Salt & potash
1275	1278	3	Potash
1278	1282	4	Red Rock
1282	1286	4	Potash
1286	1289	3	Anhydrite
1289	1305	16	Anhydrite
1305	1320	15	Salt & potash
1320	1370	50	Salt, potash & Red Rock
1370	1380	10	Salt
1380	1395	15	Gypsum
1395	1410	15	Anhydrite
1410	1425	15	Salt & Anhydrite
1425	1495	70	Salt & potash
1495	1515	20	Salt, potash & Anhydrite
1515	1520	5	Salt & potash
1520	1535	15	Red Rock
1535	1695	160	Salt & potash
1695	1705	10	Anhydrite
1705	1740	35	Salt & potash
1740	1760	20	Anhydrite
1760	1960	200	Salt & potash
1960	2040	80	Salt & Anhydrite
2040	2060	20	Salt & potash
2060	2080	20	Anhydrite
2080	2115	35	Salt
2115	2130	15	Salt & potash
2130	2150	20	Salt
2150	2185	35	Salt & potash
2185	2235	40	Anhydrite
2235	2235	10	Salt
2235	2275	40	Salt & potash
2275	2380	105	Salt
2380	2600	220	Anhydrite
2600	2610	10	Red Rock
2610	2667	257	Anhydrite
2667	2888	21	Anhydrite & Lime
2888	3095	207	Anhydrite
3095	3105	10	Gypsum
3105	3111	6	Anhydrite
3111	3120	9	Blue Shale & Anhydrite
3120	3125	5	Anhydrite
3125	3126	3	Lime
3126	3165	39	Anhydrite
3165	3206	41	Anhydrite & Lime
3206	3216	10	Anhydrite
3216	3290	74	Gray Lime
3290	3332	42	Gray Lime
3332	3337	5	Sand & Gravel - show oil
3337	3466	129	Gray Lime
3466	3473	7	Sand - Increase in oil & gas
3473	3480	7	Gray Lime
3480	3485	5	Sand - Increase in oil & gas
3485	3503	18	Gray Lime
3503	3517	14	Sandy Brown Lime
3517	3568	51	Gray Lime - T. D.