

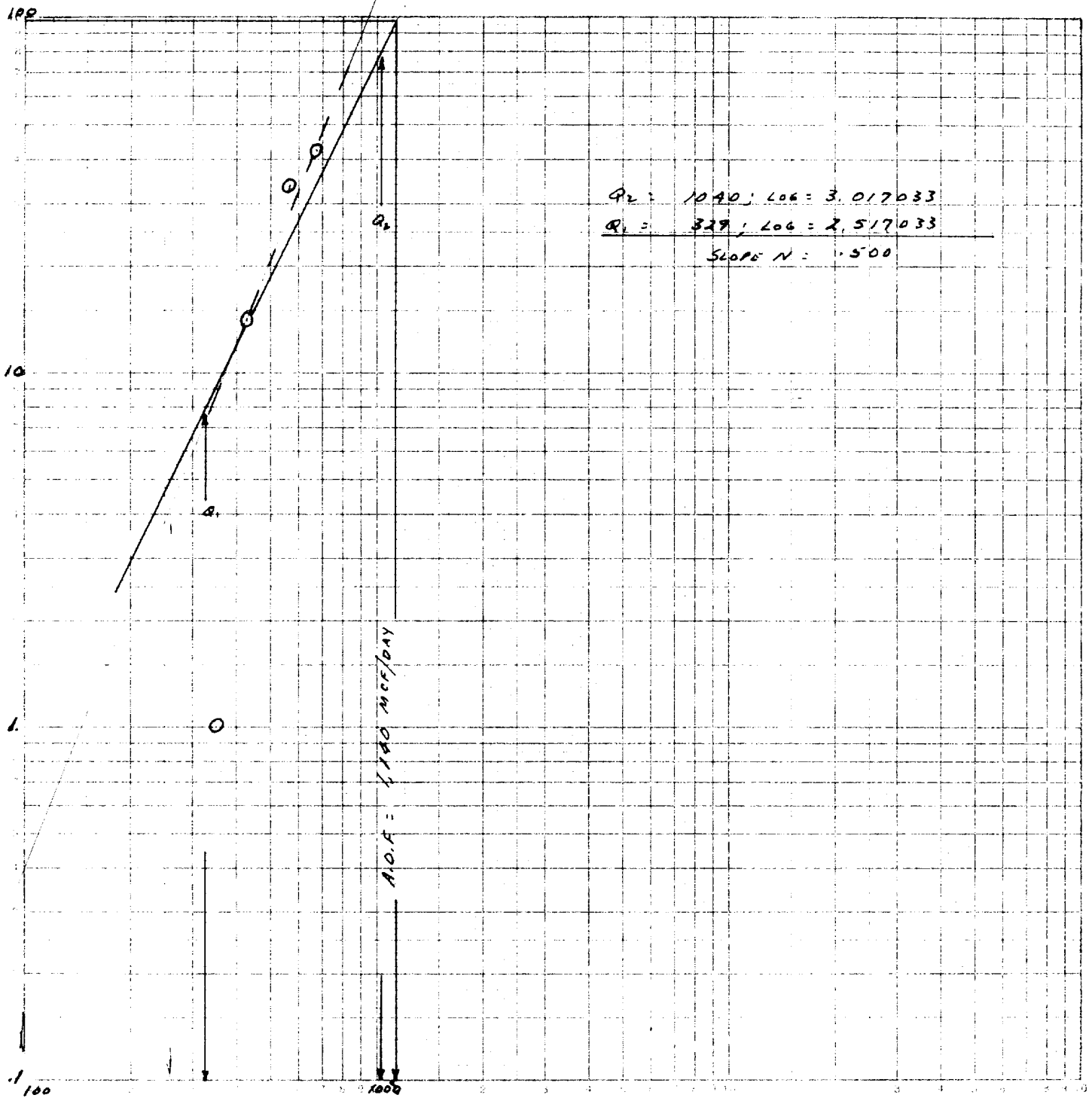
F. G. RODMAN

HADFIELD #1

0-21-25-37

LEA COUNTY, NEW MEXICO

A-1-60



$Q_2 = 260; \text{Log} = 2.414922$

$Q_1 = 100; \text{Log} = 2.000000$

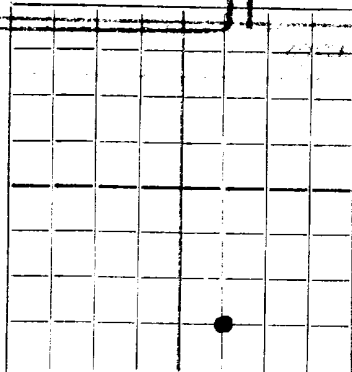
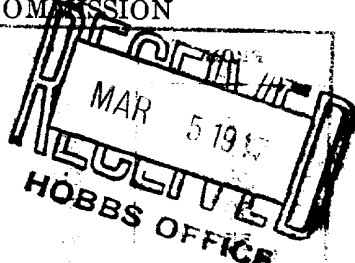
1.414922

Q - MCF/DAY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD



AREA 640 ACRES
LOCATE WELL CORRECTLY

E. G. Rodman

Hadfield

Company or Operator

Lease

Well No. 1 in SW4-SE4 of Sec. 21, T. 25S

R. 37E, N. M. P. M. Langley-Mattix Field, Lea County.

Well is 4620 feet south of the North line and 1680 feet west of the East line of Sec. 21

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is Grace B. Rakestraw, Address Jal, New Mexico

If Government land the permittee is, Address

The Lessee is E. G. Rodman, Address Odessa, Texas

Drilling commenced Dec. 4, 1946 Drilling was completed Feb. 23, 1947

Name of drilling contractor Trebol Drilling Company, Address McCamey, Texas

Elevation above sea level at top of casing 3064 feet.

The information given is to be kept confidential until Not confidential 19

OIL SANDS OR ZONES

No. 1, from 2786 to 2796 Gas No. 4, from 3020 to 3024 Gas
No. 2, from 3010 to 3011 Gas No. 5, from to
No. 3, from 3014 to 3016 Gas 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 300 to 340 feet. 6 Barrels water per hour
No. 2, from 430 to 440 feet. Hole full water
No. 2, from 1025 to 1035 feet. Hole full water
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
13"	50	8	Natl.	137	T.P.			Shut off water
10-3/4"	40	8	Natl.	845	T.P.			Shut off water
8-5/8"	32	8	Natl.	1176	T.P.			Shut off water
7"	24	10	Natl.	2650	T.P.			Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
16"	13"	137	100	Bailer		None
10"	8-5/8"	1180	250	Bailer		None
8"	7"	2650	250	Bailer		None

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
			NONE			

Results of shooting or chemical treatment Not shot or treated

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 feet to feet, and from feet to feet

PRODUCTION

Put to producing February 28, 1947
The production of the first 24 hours was 3.1 Million Ft. of fluid of which % was oil; % emulsion; no % water; and % sediment. Gravity, Be.
If gas well, cu. ft. per 24 hours 3,250,000 Gallons gasoline per 1,000 cu. ft. of gas .4
Rock pressure, lbs. per sq. in. 965# at well head

EMPLOYEES

A. L. Westfall, Driller H. B. Cox, Driller
D. E. Napier, 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 1st day of March, 1947

Odessa, March 1, 1947
Name E. G. Rodman

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	15	15	Caliche
15	38	23	Red Sand
38	50	12	Red Sand
50	55	5	Red Sand
55	70	15	Red Rock
70	80	10	Red Rock
80	95	15	Red Shale
95	110	15	Blue Shale
110	115	5	Red Rock
115	122	7	Gravel--(No water)
122	140	18	Red Rock
140	158	18	Red Rock--Raw 12 $\frac{1}{2}$ " Casing
158	185	27	Red Rock
185	300	115	Red Shale
300	340	40	White Sand (6 Bailers water per hour)
340	365	25	Red Shale
365	405	40	Grey Shale
405	430	25	Blue Shale
430	440	10	White Sand (Hole full of water)
440	540	100	Grey sandy shale
540	570	30	Red Shale
570	600	30	Red Rock
600	655	55	Red Shale (Ran 647' - 10" Casing)
655	910	255	Red Shale
910	930	20	Anhydrite
930	935	5	Red Shale
935	1025	90	Anhydrite
1025	1035	10	Sand (Hole full of water at 1030')
1035	1050	15	Green Shale
1050	1057	7	Anhydrite
1057	1090	33	Red Rock (Ran 8 $\frac{1}{4}$ " Casing 1090')
1090	1145	55	Red Shale
1145	1175	30	Salt and Red Shale
1175	1195	20	Black Sandy Lime
1195	1235	40	Salt and Potash
1235	1265	30	Anhydrite
1265	1355	90	Salt and Potash
1355	1365	10	Anhydrite
1365	2040	675	Salt and Potash
2040	2100	960	Anhydrite
2100	2110	10	Lime
2110	2130	20	Salt and Anhydrite
2130	2160	50	Anhydrite
2160	2245	65	Salt and Anhydrite
2245	2280	35	Salt
2280	2315	105	Salt and Anhydrite
2315	2410	95	Anhydrite
2410	2562	152	Salt
2562	2580	18	Salt and Anhydrite
2580	2590	10	Anhydrite
2590	2607	17	Brown Lime
2607	2636	29	Brown Lime and Anhydrite
2636	2650	314	Broken Lime (Set 7" Casing)
2650	2670	20	Lime
2670	2679	9	Shale and Lime
2679	2934	255	Lime Gray (1 million foot gas at 2796')
2934	2949	15	Sandy Shale
2949	2960	11	Sand
2960	2965	5	Sandy Shale
2965	2973	8	Sand
2973	3011	38	Grey Lime (Increase in gas at 3010)
3011	3020	9	Sand (Increase gas at 3016)
3020	3024	Total Depth	Sand (Increase gas)