

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

DUPLICATE

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

Republic Production Company

Houston, Texas

Company or Operator

State-Endura

Address

Lease

Well No. 1

in

of Sec. 12

T. 21

R. 35

N. M. P. M. Eunice

Field, Lea

County.

Well is 660 feet ~~East~~ of the North line and 660 feet west of the East line of Sec. 12

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 Address

Drilling commenced May 14 1937 Drilling was completed June 17 1937

Name of drilling contractor M. J. Delaney Company Address Dallas, Texas

Elevation above sea level at top of casing 3600 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3825 to 3834 No. 4, from to
No. 2, from 3834 to 3847 No. 5, from to
No. 3, from 3847 to 3900 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
13" OD	48	8	L	245				
9-5/8	36	8	L	1542				
7" OD	24	10	S	3788				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17"	13" OD	245	175	Halliburton		
	9-5/8"	1561	400	"		
	7" OD	3760	225	"		

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

Results of shooting or chemical treatment Treated with 3000 gallons acid on 6-20-37 from 3788 to 3900 acid started under 1200# pressure and dropped back to 100# on completion. Results increase gas from 841,000 to 2 million and 80 to 90 barrels 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 3900 feet, and from feet to feet

PRODUCTION

Put to producing June 23 1937
The production of the first 24 hours was 150 barrels of fluid of which 75 % was oil; % emulsion; % water; and % sediment. Gravity, Be
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

, Driller, 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 8

day of September 1939

Ethel McGuire nee Ethel Lewis
Notary Public.

My Commission expires May 7, 1942

Place Date

Name M. J. Delaney

Position Supt

Representing Republic Production Co

Company or Operator

Address Artesia N.M.

FORMATION RECORD

5010 W700

FROM	TO	THICKNESS IN FEET	FORMATION
0	35	35	Surface
35	118	118	Sand
118	153	41	Sand and shells
153	194	56	Red beds
194	250	105	Red rock
250	355	45	Shale and shells
355	400	280	Red bed and shells
400	680	249	Red rock, shale and shells
680	929	51	Red rock and shells
929	980	91	Red rock and shells
980	1071	91	Red rock, anhydrite & shells
1071	1162	31	Red rock, anhydrite shells & gyp
1162	1193	22	Red bed and shells
1193	1215	28	Red rock
1215	1243	49	Red rock and anhydrite
1243	1292	73	Red rock and shale
1292	1365	36	Red bed and shells
1365	1403	41	Red rock, shale and shells
1403	1444	24	Red bed, shale and gyp
1444	1468	36	Red rock
1468	1504	5	Anhydrite, shells & shale
1504	1509	15	Anhydrite and shale
1509	1524	10	Salt, broken
1524	1534	75	Anhydrite
1534	1609	111	Anhydrite and salt
1609	1720	187	Salt, anhydrite and shells
1720	1847	23	Salt
1847	1870	22	Salt and shells
1870	1892	28	Salt and red rock
1892	1920	320	Salt and anhydrite
1920	2240	115	Salt and potash
2240	2355	169	Salt, potash and anhydrite streaks
2355	2524	131	Anhydrite, salt & Potash
2524	2655	95	Salt and shells
2655	2750	35	Anhydrite and red shale
2750	2785	55	Anhydrite and potash
2785	2840	80	Salt, potash and shells
2840	2920	45	Salt and anhydrite
2920	2965	93	Gyp and anhydrite
2965	3058	31	Anhydrite, lime and gyp
3058	3089	27	Anhydrite and broken lime
3089	3116	58	Anhydrite and lime
3116	3174	63	Anhydrite and broken lime
3174	3237	43	Lime
3237	3280	24	Lime, anhydrite and gyp
3280	3304	125	Lime
3304	3429	19	Sandy lime
3429	3448	102	Lime
3448	3550	258	Lime
3550	3808	26	Lime and sand
3808	3834	13	Lime
3834	3847	53	Lime and sand