

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

REQUEST FOR PERMISSION TO CONNECT WITH PIPE LINE

This request should be SUBMITTED IN TRIPLICATE. See instructions in the Rules and Regulations of the Commission.

Hobbs, New Mexico Place

Feb. 6, 1936 Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Permission is requested to connect Republic Production Co. Maveety
Company or Operator Lease
Wells No. 2 in E/2 of SW/4 35, T. 19 S, R. 36 E, N. M. P. M.
Monument Field, Lea County, with the pipe line of the
The Texas Co. Houston Texas
Pipe Line Co. Address
Status of land (State, Government or privately owned) Privately owned
Location of tank battery Center above described 80 acres
Description of tanks Two high five hundreds
Logs of the above wells were filed with the Oil Conservation Commission _____ 19____
All other requirements of the Commission have [~~been~~] been complied with. (Cross out incorrect words.)
Additional information:

This is the second battery of tanks on lease. The first is connected to Texas Co. also.

Yours truly,

Permission is hereby granted to make pipe line connections requested above.

OIL CONSERVATION COMMISSION,

By Frank Vessely
Title Feb 13 1936
Date Sec.

Republic Prod Co. Owner or Operator
By Jack Cullinan
Position Supintendent
Address Harden Hotel Hobbs, N.M.

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Oil Conservation Commission
Santa Fe, New Mexico

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 (T). SUBMIT IN TRIPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Republic Production Company, Petroleum Bldg., Houston, Texas

Company or Operator
by-Maversty
Lease
R. 36, N. M. P. M., Monument
Well No. 35, Sec. 35, T. 19, S. 35-19-36
Lea County, Texas

Well is 660' feet south of the North line and 660' feet west of the East line of

If State land the oil and gas lease is No. Assignment No.
If patented land the owner is Chas. H. Wier Address Unknown
If Government land the permittee is Address
The Lessee is Republic Production Company Address Box 227, San Angelo, Tex
Drilling commenced Dec. 2, 1935 was completed Feb. 5, 1936
Name of drilling contractor M. J. Delaney, Inc. Address Hobbs, N. M.
Elevation above sea level at top of casing 5410 feet
The information given is to be kept confidential until

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IMPORTANT WATER SANDS

No. 1, from 3830 to 3835 No. 4, from 3835 to 3840
No. 2, from 3835 to 3840 No. 5, from 3840 to 3845
No. 3, from 3840 to 3845 No. 6, from 3845 to 3850

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from None 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
12 1/2	40 1/2	8	Nat.	1500	Tex			
9-5/8	36 1/2	8	Rep	2100	Flat			
8	24 1/2	10	Rep	3915	Flat			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS	GRAVITY	AMOUNT OF MUD USED
12 1/2	12 1/2	2400	100	0.85	40 Skb
9-5/8	9-5/8	2400	400	0.85	150 "
7	7	2400	332	0.85	100 "

PLUGS AND ADAPTERS

Heaving plug—Material
Adapters—Material

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Chemical	3000	2/5	3927	3927

Results of shooting or chemical treatment: 24hr gauge 2200 barrels through 1 1/4" choke

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.

Rotary tools were used from Top feet to 1010 feet, and from 1010 feet to 1010 feet
Cable tools were used from 1010 feet to 1010 feet, and from 1010 feet to 1010 feet

Put to producing February 5, 1936
The production of the first 24 hours was 302 barrels of fluid of which 98.2% was oil; 0.1% was gas; and 0.1% was water; and Acid 1.0% was water, and 0.1% was gas.
Gas well, cu. ft. per 24 hours
Stock pressure, lbs. per sq. in.

EMPLOYEES

G. L. Rushing
D. E. Speonts

FORMATION RECORD ON OTHER SIDE

hereby swear or affirm that the information given is 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 27th day of July 1936 at San Angelo, Texas, July 27th, 1936

Notary Public

FORMATION RECORD

FORM 0-102

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Surface
40	150	110	Red bed, Gravel and Water Sand
150	248	98	Red bed
248	266	18	Sand
266	272	6	Red bed
272	340	68	Red bed
340	360	20	Shale
360	390	30	Red bed & Red rock
390	555	165	Red bed & Red rock
555	728	173	Red bed & Red rock
728	945	217	Red bed & Red rock
945	1015	70	Red bed & red rock
1015	1080	65	Red rock & anhydrite
1080	1115	35	Anhydrite very hard
1115	1145	30	Anhydrite
1145	1166	21	Anhydrite
1166	1212	46	Anhydrite
1212	1314	102	Anhydrite & red bed
1314	1420	106	Red bed & potash & anhydrite
1420	1455	35	Anhydrite
1455	1455	0	Salt
1455	1516	61	Salt & anhydrite & red bed
1516	1520	4	Anhydrite broken
1520	1530	10	Anhydrite hard
1530	1540	10	Anhydrite broken
1540	1592	52	Anhydrite & potash & red bed
1592	1659	67	Red bed
1659	1745	84	Salt & potash & anhydrite
1745	1813	70	Anhydrite & salt & red bed
1813	1898	85	Red bed
1898	2000	102	Red bed & salt & potash & anhydrite
2000	2088	88	Anhydrite & red rock & salt & potash
2088	2125	37	Potash
2125	2165	40	Salt
2165	2170	5	Anhydrite
2170	2206	36	Anhydrite
2206	2277	71	Anhydrite & salt broken
2277	2338	61	Anhydrite & potash
2338	2349	11	Anhydrite
2349	2363	14	Line broken
2363	2375	12	Line gray & brown flakes hard
2375	2404	29	Line gray & brown flakes hard
2404	2416	12	Line
2416	2425	9	Line
2425	2435	58	Line & anhydrite
2435	2500	17	Line & anhydrite
2500	2529	29	Line gray
2529	2550	21	Line gray & anhydrite
2550	2560	10	Line gray & anhydrite & trace brown lime
2560	2570	10	Brown line broken
2570	2584	14	Brown line sandy
2584	2618	34	Line gray & anhydrite (Gas at 2618)
2618	2653	35	Line gray & anhydrite
2653	2660	7	Line gray & anhydrite
2660	2670	10	Anhydrite & lime (Show oil sand)
2670	2680	10	Sand, oil, anhydrite & blue shale
2680	2690	10	Anhydrite & brown & gray sandy lime
2690	2700	10	Line brown sandy
2700	2710	10	Line sandy (Oil show)
2710	2715	5	Anhydrite
2715	2736	21	Line brown sandy
2736	2760	24	Line brown sandy (Oil Show)
2760	2765	5	Anhydrite
2765	2772	7	Line brown sandy
2772	2780	8	Line gray sandy
2780	2790	10	Anhydrite & shale
2790	2806	16	Line brown sandy
2806	2825	19	Anhydrite & shale
2825	2835	10	Line sandy (Oil show)
2835	2849	14	Anhydrite & brown lime
2849	2855	6	Line brown
2855	2865	10	Anhydrite & lime
2865	2884	19	Line brown
2884	2890	6	Line brown hard
2890	2900	10	Anhydrite & brown sandy lime
2900	2916	16	Line
2916	2947	31	Line
2947	2960	13	Line
2960	2985	25	Line brown & anhydrite
2985	3022	37	Line lime & anhydrite
3022	3049	27	Line brown
3049	3079	30	Line brown
3079	3101	22	Line brown sandy
3101	3110	9	Anhydrite
3110	3120	10	Anhydrite & brown sandy lime
3120	3131	11	Line brown sandy
3131	3163	32	Line broken
3163	3192	29	Line gray sandy
3192	3209	17	Line brown sandy
3209	3221	12	Line gray sandy
3221	3246	25	Line gray sandy
3246	3274	28	Line
3274	3280	6	Sand, gray & brown lime
3280	3290	10	Line brown
3290	3295	5	Line, brown & gray sand
3295	3356	61	Line gray
3356	3346	10	Line brown sandy
3346	3383	37	Line gray
3383	3402	19	Line brown sandy & anhydrite
3402	3475	73	Line brown sandy
3475	3500	25	Sand, gas (Show of Gas)
3500	3505	5	Line, brown & black sand
3505	3560	55	Line brown sandy
3560	3570	10	Line hard sandy
3570	3574	4	Line soft
3574	3587	13	Line sandy

3653	3710	77	Lime sandy
3710	3732	22	Sand & lime
3732	3773	41	Lime sandy
3773	3802	29	Lime hard sandy
3802	3812	10	Lime sandy
3812	3819	7	Lime brown sandy
3819	3827	8	Lime hard sandy
3827	3828	1	Lime gray
3828	3844	16	Lime brown sandy (Show Oil 3830-35)
3844	3846	2	Lime, oil sandy
3846	3851	5	Lime sandy
3851	3855	4	Lime hard sandy
3855	3871	16	Lime, gray oil sandy Bleeding
3871	3887	16	Lime sandy
3887	3900	13	Lime, gray oil sandy
3900	3905	5	Lime hard gray Saturated
3905	3927	22	Lime dark gray crystal Saturated
3927			TOTAL DEPTH

CASING SETTING RECORD

313'0" of 12-1/2" 40# Lapweld Casing. Cem. with 100 sacks cement
 2400'0" of 9-5/8" 36# Electric-weld casing. Cem. with 400 sacks cement
 3815'0" of 7"OD 24# Electric-weld casing. Cem. with 232 sacks cement

DRILL STEM TEST RECORD

2670-80'
 2700-10'
 2735-65'
 2825-35'

SCHLUMBERGER TEST

2522-47' porosity
 2607-52' porosity
 2640-50' Gas sand - Est. 50 Million
 2700-60' best porosity
 2817-57' porosity
 3072-3102 salt water

