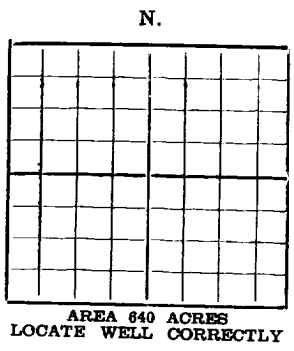
DUPLICATE

Form SG 108



NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

Company Empire Gas and Fuel Co. (Me.) Address Hobbs, New Mexico

Send correspondence to Empire Gas and Fuel Co. Address Hobbs, New Mexico

Dyer Well No. 2 in SE¼ of Sec. 31, T. 25S,

R. 37E, N. M. P. M., Jal Oil Field Lea County.

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

If patented land the owner is Dyer, Address

The lessee is Dyer, Address

If not state or patented land, give status

Drilling commenced 4-26 1935. Drilling was completed 6-6- 1935

Name of drilling contractor Oil Well Drilling Co., Address Dallas, Texas

Elevation above sea level at top of casing 2993 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3260 to 3285 No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to

No. 2, from to No. 4, from to

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
12½	50	8thd		85					
9 5/8	40	10thd		1402					
7	24	10thd		3100					
3 U.S	9.5	10thd		3282	tubing				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
12½	85	100 sacks	Halliburton		
9 5/8	1402	800 "	"		
7	3100	100 "	"		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH SHOT	DEPTH CLEANED OUT
[redacted]	d with 1000	gallons acid		6-4-35		

TOOLS USED

Rotary tools were used from 0 feet to 3285 feet, and from feet to feet

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

PRODUCTION

Put to producing 6-6, 1935.

The production of the first 24 hours was 310 barrels of fluid of which 80 % was oil; % emulsion; 20 % 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.

EMPLOYES

John Rahn, Driller Russ Williams, Driller

O. R. Johnson, 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 12th day of June, 1935

Evelyn W Clark
Notary Public.

My commission expires Dec 3, 1938

Name A. D. Boles

Postion Sup't Production

Representing Empire Gas and Fuel Co. (Me.)
Company or Operator

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	84	84	Broken Sand
84	184	100	Red rock and shells
184	310	126	Sand and shells
310	350	40	Broken sand
350	374	24	Red bed and red rock
374	404	30	Sand, shells and red bed
404	585	181	Red rock and shells
585	728	143	Red bed, red rock and sand
728	841	113	Shale, lime and sand broken
841	908	67	Sand, shells and Red Rock
908	984	76	Red rock and sand
984	1010	26	Anhydrite
1010	1024	14	Sand
1024	1130	106	Anhydrite
1130	1160	30	White Lime
1160	1349	189	Lime, anhydrite and red rock
1349	1382	33	Lime and anhydrite
1382	1391	9	Salt, anhydrite and shells
1391	1425	34	Anhydrite
1425	1876	451	Anhydrite and salt
1876	1900	24	Anhydrite (hard)
1900	2000	100	Broken anhydrite and salt
2000	2035	35	Salt
2035	2264	229	Anhydrite and salt
2264	2345	81	Anhydrite, broken salt and potash
2345	2489	144	Anhydrite and salt
2489	2512	23	Gyp and anhydrite
2512	2530	18	Anhydrite
2530	2568	38	Salt
2568	2692	24	Anhydrite and salt
2692	2706	14	Hard lime
2706	2730	24	Hard brown lime
2730	2760	30	Brown lime
2760	2763	3	Hard brown lime
2763	2805	42	Brown and gray lime (some gas)
2805	2830	25	Hard gray lime
2830	2840	10	Sandy lime
2840	2850	10	Lime shale and anhydrite
2850	2856	6	Shale and lime shells
2856	2861	5	Blue shale and lime shells
2861	2875	14	Anhydrite and gray lime
2875	2892	17	Hard gray lime
2892	2915	23	Broken lime anhydrite and shale
2915	2933	18	Hard gray lime (show gas 2915-20)
2933	2940	7	Red rock and anhydrite
2940	2948	8	Anhydrite
2948	2954	6	Gray hard lime
2954	2965	11	Hard white lime
2965	2975	10	Gray lime (showing gas)
2975	2989	14	Brown lime
2989	3000	11	Hard white lime
3000	3008	8	Red rock and anhydrite
3008	3014	6	Sandy shale (show of gas)
3014	3026	12	Hard white lime
3026	3038	12	Red rock and lime shells
3038	3050	12	Gray lime
3050	3067	17	White lime
3067	3075	8	Sand Med-soft
3075	3080	5	Lime
3080	3100	20	Gray lime
3100	3116	16	White hard lime and red shale
3116	3155	39	Gray hard lime
3155	3165	10	Brown lime
3165	3185	20	Gray lime
3185	3195	10	Brown lime
3195	3216	21	Hard brown lime
3216	3227	11	Brown lime
3227	3235	8	Hard brown lime
3235	3251	16	Broken sandy lime and hard lime
3251	3264	13	Gray lime
3264	3281	17	Broken sandy lime (hard)
3281	3285	4	Gray lime