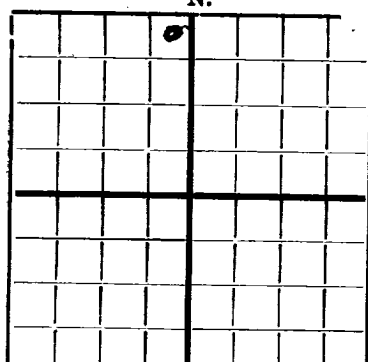


T
21
SAREA 640 ACRES
LOCATE WELL CORRECTLY

DEPARTMENT OF THE STATE GEOLOGIST

NEW MEXICO SCHOOL OF MINES
Socorro, New Mexico

WELL RECORD

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

Company Empire Gas & Fuel Co. Address Barlsbad, New Mexico
Send correspondence to D.D. Edie Address Barlsbad New Mexico
State "P" Well No. 1 in nw of Sec. 8, T. 21,
R. 55 E, N. M. P. M., Lea Co. Oil Field Lea County County.
If State land the oil and gas lease is No. 978 Assignment No. _____
If patented land the owner is _____, Address _____
The lessee is _____, Address _____
If not state or patented land, give status _____
Drilling commenced April 10 1928 Drilling was completed July 27 1929
Name of drilling contractor H. D. Drilling Co. Address Partlesville, Okla
Elevation above sea level at top of casing 3640 feet.
The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from 3826 to 3836 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 405 to 410 No. 3, from 1050 to 1080
No. 2, from 452 to 464 No. 4, from 1215 to 1245

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>20</u>	<u>90</u>	<u>8</u>		<u>204'</u>	<u>Texas</u>				
<u>15 1/2</u>	<u>70</u>	<u>8</u>		<u>760'</u>	<u>"</u>				
<u>12 1/2</u>	<u>50</u>	<u>8</u>		<u>1165</u>	<u>"</u>				
<u>10</u>	<u>45</u>	<u>8</u>		<u>1445</u>	<u>"</u>				
<u>8 1/2</u>	<u>32</u>	<u>10</u>		<u>3414</u>	<u>"</u>				
<u>6 3/8</u>	<u>24</u>	<u>10</u>							

MUDGING AND CEMENTING RECORD

SIZE	WHERE SET	No. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>8 1/2</u>	<u>3414</u>	<u>20</u>	<u>Dump Bailer</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH CLEANED OUT

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3836 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing Aug 10, 19 28
The production for the first 24 hours was 200 barrels of fluid of which 50 % was oil; _____ %
emulsion; 50 % water; and _____ % sediment. Gravity, Be. 28
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYES

Claud Fields, Driller Chas Francisco, Driller
Sam Harmon, Driller Clyde Hicks, 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 February, 1929
Franklin G. Lewis
Notary Public
My commission expires October 10th 1930

Name D.D. Edie
Position Dist. Sup't.
Representing Empire Gas & Fuel Co.
Company or Operator

FORMATION RECORD

		Thickness in Feet	Formation
0	30	30	Hard white Caliche
30	65	35	" red sand.
65	80	15	" red sandy lime
80	90	10	Soft red sand. Set 204' 20" casing.
90	230	140	Hard red shale.
230	240	10	Hard red sand.
240	385	145	Soft red shale.
385	425	40	Soft blue sandy shale. 2 Bailers water at 405.
425	452	27	Soft red shale. 4 Bailers at 450.
452	464	12	Hard red sand.
464	530	66	Soft red shale.
530	540	10	Soft green shale.
540	570	30	Soft red shale.
570	575	5	Hard grey lime.
575	615	40	Soft red shale. Bad cave from 590-800.
615	622	7	Hard grey lime. Set 760' 15".
622	860	238	Soft red shale.
860	880	20	Hard red sand.
880	990	110	Soft red shale.
990	1010	20	Soft red sandy lime. 3 Bailers water.
1010	1025	15	Soft grey sandy shale.
1025	1050	25	Hard grey sandy lime. Hole full water.
1050	1080	30	Hard white sand.
1080	1105	25	Soft red sandy shale
1105	1115	10	Hard red sandy lime.
1115	1150	35	Hard white sand. Set 1165' 12½ casing.
1150	1215	65	Soft red shale.
1215	1245	30	Hard red sand. Hole full water.
1245	1265	20	Soft red shale.
1265	1275	10	Hard red sand.
1275	1385	110	Soft red shale.
1385	1390	5	Hard white anhydrite. Set 10 1445.
1390	1625	235	Soft red shale
1625	1690	65	Hard red sandy shale.
1690	1720	30	Soft red shale.
1720	1725	5	Hard white lime.
1725	1875	150	Hard white anhydrite.
1875	1950	75	Soft pink salt.
1950	1985	35	Hard white anhydrite.
1985	2010	25	Soft red shale.
2010	2020	10	Soft white gypsum.
2020	2030	10	Soft red shale.
2030	2045	15	Soft pink salt.
2045	2060	15	Soft red shale.
2060	2195	135	Soft pink salt.
2195	2245	50	Hard white anhydrite.
2245	2310	65	Soft pink salt.
2310	2355	45	Hard white anhydrite.
2355	2365	10	Soft red clay.
2365	2405	40	Soft white salt.
2405	2415	10	Soft white gypsum.
2415	2585	170	Soft red salt and Red bed.
2585	2860	275	Soft pink salt.
2860	2875	15	Soft green shale.
2875	2880	5	Soft white gypsum.
2880	2965	85	Soft pink salt.
2965	2975	10	Soft red sand.
2975	3090	115	Soft pink salt.
3090	3120	30	Hard white anhydrite.
3120	3130	10	Soft red shale.
3130	3140	10	Soft pink salt.
3140	3145	5	Soft white broken lime.
3145	3150	5	Hard white lime.
3150	3275	125	Soft pink salt.
3275	3285	10	Soft white broken lime.
3285	3290	5	Hard white lime.
3290	3295	5	Hard white anhydrite.
3295	3325	30	Hard white lime.
3325	3330	5	Hard white anhydrite.
3330	3350	20	Soft red lime and shale.
3350	3385	35	Hard white anhydrite.
3385	3430	45	Hard white lime. Cemented 8½" casing at 3414.
3430	3450	20	Soft white gypsum.
3450	3480	30	Hard white anhydrite.
3480	3510	30	Soft red shale.
3510	3535	25	Hard white anhydrite.
3535	3580	55	Soft red shale.
3580	3590	10	Soft white gypsum.
3590	3630	40	Hard white anhydrite.
3630	3640	10	Soft red shale.
3640	3732	92	Hard white anhydrite.
3732	3742	10	Hard white lime.
3742	3762	20	Hard white anhydrite. Run 5 5/8 at 3826.
3762	3826	64	Hard grey lime. Showing of oil and gas at 3826.
3826	3836	10	Soft grey lime (porous).