

Form S-108

N.

AREA 640 ACRES

LOCATE WELL CORRECTLY

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 & Fuel Co. Address Hobbs, N.M.

Send correspondence to D.D. Bodie Address Hobbs, N.M.

Dyer Well No. 1 in SW 1/4 of Sec. 35 T. 34 R. 36 N. M. P. M., 37 Oil Field Lee County.

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

If patented land the owner is Dyer, Address _____

The lessee is Empire Gas & Fuel Co., Address _____

If not state or patented land, give status _____

Drilling commenced 11-1 1934. Drilling was completed 12-15 1934

Name of drilling contractor Horwood Drlg. Co., Address Albion, La., Tex.

Elevation above sea level at top of casing _____ feet.

The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from 3226 to 3233 No. 4, from 3243 to 3252

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 & PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>12 1/2</u>	<u>50</u>	<u>8</u>		<u>61</u>		<u>None</u>			
<u>9 5/8</u>	<u>40</u>	<u>8</u>		<u>1480</u>		<u>None</u>			
<u>7</u>	<u>24</u>	<u>10</u>		<u>3200</u>		<u>None</u>			

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12 1/2</u>	<u>61</u>	<u>50</u>	<u>Halliburton</u>		
<u>9 5/8</u>	<u>1480</u>	<u>1000</u>	<u>"</u>		
<u>7</u>	<u>3200</u>	<u>100</u>	<u>"</u>		

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

TOOLS USED

Rotary tools were used from 0 feet to 3252 feet, and from _____ feet to _____ feet

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

PRODUCTION

Put to producing 12-17 1934

The production of the first 24 hours was 2088 barrels of fluid of which 100 % 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

J.C. Owen, Driller J.J. Hunter, Driller

Bill Wood, 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 2 day of January, 1935

Name L. M. Jernigan Position Clerk

Representing Empire Gas & Fuel Company or Operator.

My commission expires Feb. 1, 1935

Justice of the Peace
Prinzel Lee, Lea County
New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	17	17	Surface
17	78	61	Sand & Gravel
78	141	63	Sand
141	421	280	Sand & Red Rock
421	965	544	Sand & Red Rock
965	1003	38	Anhydrite
1003	1097	94	Anhydrite
1097	1650	553	Anhydrite & Salt
1650			
1650	2255	605	Salt
2255	2680	425	Anhydrite & Salt
2680	2838	158	Lime
2838	2858	20	Hard Sand & Lime
2858	3105	247	Lime
3105	3125	20	Sand & Lime
3125			
3125	3158	33	Lime
3158	3200	42	Lime & Sand
3200	3252	52	Lime- Total depth