

N.

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.
Fowler Well No. 4 in NE 1/4 of Sec. 31, T. 18
R. 38, N. M. P. M., Hobbs Oil Field Loa County.
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is Cora Fowler, Address _____
The lessee is _____, Address _____
If not state or patented land, give status _____
Drilling commenced 3-9 19 34 Drilling was completed 4-12 19 34
Name of drilling contractor Oilwell Drilling Co., Address Hobbs, N.M.
Elevation above sea level at top of casing 3642 feet.
The information given is to be kept confidential until _____ 19 _____.

OIL SANDS OR ZONES

No. 1, from 4035 to 4190 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 & PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>1 1/2</u>	<u>50</u>	<u>8</u>		<u>242</u>					
<u>2 5/8</u>	<u>40</u>	<u>8</u>		<u>2760</u>					
<u>7</u>	<u>24</u>	<u>10</u>		<u>3955</u>					

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>1 1/2</u>	<u>242</u>	<u>100</u>	<u>Ball 1 1/2 in.</u>		
<u>2 5/8</u>	<u>2760</u>	<u>500</u>	<u>"</u>		
<u>7</u>	<u>3955</u>	<u>150</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 4190 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing 4-16 19 34
The production of the first 24 hours was 4924 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. _____

EMPLOYES

Chas. Kennis E.H. Kennis
_____, 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 18 Name D.D. Bodie
day of May, 19 34 Position Sup. Prod.
John L. Emerson Representing Empire Gas & Fuel
Notary Public. Company or Operator.

DUPLICATE

MAY 24 1934

APPROVED AS O. K.
BY [Signature]

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	36	36	Surface rock
36	842	206	Red bed and sand
242	1075	833	Red bed and shale
1075	1130	55	Broken lime
1130	1223	93	Shale and shells
1223	1245	22	Hard sand
1245	1340	95	Red bed
1340	1394	54	Hard lime
1394	1478	84	Red rock
1478	1494	16	Shale and anhydrite
1494	1522	28	Anhydrite
1522	1680	158	Red rock and anhydrite
1680	1700	20	Anhydrite
1700	2684	984	Salt and anhydrite
2684	2734	50	Anhydrite
2734	2760	26	Anhydrite and lime
2760	2770	10	lime
2770	2805	35	Brown lime
2805	2979	174	Anhydrite and lime
2979	3159	180	Anhydrite
3159	3168	9	Sand-(soft)
3168	3198	30	Anhydrite
3198	3206	8	Sand (soft)
3206	3461	245	Broken anhydrite
3461	3484	23	Brown sandy shale
3484	3640	156	Shale and anhydrite
3640	3667	27	Shale and anhydrite
3667	3690	23	Hard brown lime
3690	3793	103	Anhydrite and brown lime
3793	3820	27	Brown and gray lime
3820	3955	125	lime
3955	4035	80	Broken lime and anhydrite
4035	4190	55	Gray lime