

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. (INC.) Address Bartlesville, Okla.Send correspondence to D. D. Bodie Address Carlsbad New MexicoSTATE 3 Well No. 1 in N 1 of Sec. 12, T. 21R. 34, N. M. P. M., Sansamon Oil Field Lea 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 Nov. 13 1928 Drilling was completed March 1 1929Name of drilling contractor L. & D. Drilling Co. Address Bartlesville, OklaElevation above sea level at top of casing 3714 feet.

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

OIL SANDS OR ZONES

No. 1, from <u>NONE</u>	to _____	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 <u>415</u>	to <u>435</u>	No. 3, from <u>3880</u>	to <u>4168</u>
No. 2, from <u>1055</u>	to <u>1060</u>	No. 4, from _____	to _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
20"	90	8		1628		162'			
15 1/2"	70	8		620'		400			
12 1/2"	50	8		1015'		860			
10	45	8		1564'		1564			
8 1/2"	32	10		3608'		3475			
6 5/8	24	10		3902		3902			

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	No. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED

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

PRODUCTION

Put to producing Dry hole, 19____The production for the first 24 hours was _____ barrels of fluid of which _____ % 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

<u>Art Andrews</u>	, Driller	<u>Leo Johnstone</u>	, Driller
<u>Bill Innis</u>	, Driller	<u>Harry Riggs</u>	, 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 14thday of March, 1929Name D. D. BodiePosition Dis't. Sup't.My commission expires October 10, 1930 Representing EMPIRE GAS & FUEL CO.
Company or Operator

FORMATION RECORD

From	to	Thickness in Feet	Formation
0	20	20	Caliche
20	145	145	Sand 5 bailers water
145	215	215	Red bed
360	390	30	Brown shale
390	415	25	Blue shale
415	435	20	Grey sand 1 bailer water
435	465	30	Blue shale
465	940	475	Red bed
940	1000	60	Sand
1000	1010	10	Blue shale
1010	1065	55	Red bed
1065	1130	65	Sand Hole full water
1130	1160	30	Red Bed
1160	1275	115	Sand
1275	1800	525	Red bed
1800	1830	30	Anhydrite
1830	1890	60	Anhydrite & salt
1890	1960	70	Anhydrite
1960	2050	90	Salt
2050	2075	25	Anhydrite
2075	2125	50	Anhydrite & salt
2125	2345	220	Salt
2345	2375	30	Anhydrite
2375	2550	175	Anhydrite & salt
2550	3300	750	Salt
3300	3445	45	Anhydrite
3445	3535	190	Salt
3535	3550	20	Anhydrite
3550	3807	257	Lime & anhydrite
3807	3837	50	Sandy blue shale
3837	3902	45	Grey sand Hole full sulphur water
3902	3910	8	Sandy lime 3880
3910	3926	16	Sand
3926	3940	14	Sandy lime
3940	3980	40	Sandy shale
3980	4030	50	Sandy lime
4030	4056	26	Grey lime
4056	4068	12	Sandy lime
4068	4110	42	Grey lime
4110	4132	22	Sandy lime
4132	4168	6	Shale & Broken lime
4168	4194	26	HITE LIME