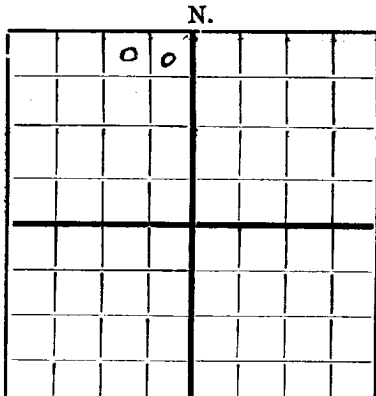


AREA 640 ACRES
LOCATE WELL CORRECTLY

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 Bartelsville, Okla.
Send correspondence to George Davis Address Artesia, New Mexico
Empire State Well No. I-A in NW.NE.NW of Sec. 2, T. 18S,
R. 27E, N. M. P. M., Red Lake Oil Field Eddy County.
If State land the oil and gas lease is No. 2029-4 Assignment No. _____
If patented land the owner is _____, Address _____
The lessee is Empire Gas & Fuel Co, Address unknown
If not state or patented land, give status _____
Drilling commenced Nov. 12. 1926 Drilling was completed Jan. 1 1927
Name of drilling contractor Stovall Drilling Co, Address Roswell, N. Mex.
Elevation above sea level at top of casing 3600 feet.
The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from 1618 to 1630 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		PURPOSE
							FROM	TO	
10"	40#			448'					
8 1/4"	28#			849					

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
5"		Glycerine	400ts.		10"	

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 1650 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing Jan. 12, 1927
The production for the first 24 hours was 30 barrels of fluid of which 97 % was oil; _____ %
emulsion; 3 % 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

W.M. Gore, Driller A.B. Wilson, 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 _____
day of _____, 19____

Notary Public
My commission expires _____
Name _____
Position _____
Representing Empire Gas & Fuel Co
Company or Operator

FORMATION RECORD

From	to	Thickness in Feet	Formation
0	129		No sample
	138		Anhydrite
	158		Sandy red bed and gypsum
	168		Sandy red bed and anhydrite
	178		No sample
	205		White anhydrite
	232		Red bed
	250		White anhydrite with gray dolomite streaks
	260		White anhydrite, some sandy red bed and occasional quartz crystal
	288		white syp and anhydrite - little sandy red bed
	320		Gray anhydrite and some pink earthy anhydrite
	335		Red rock and gypsum
	357		Gray anhydrite, some gray dolomite
281	357	S	White anhydrite and dolomite (mostly gray but some pink) A-I
	368	V558	White anhydrite and gray dolomite.
	383		White anhydrite and some gray dolomite
	388		White anhydrite.
	393		White anhydrite and pink earthy anhydrite
	398		No sample
	403		White Anhydrite.
	415		Pinkish anhydrite. 1/2 in. & V125H
	420		White anhydrite and gray shale
	427		Dolomite, some anhydrite, OIL.
	434		Dolomite.
	441		No sample
	447		Dolomite and anhydrite
	467		Anhydrite and gray shaley dolomite.
	472		Anhydrite and dolomite.
	480		Anhydrite, some dolomite and pink shale
	485		Brown dolomite and anhydrite
	490		White anhydrite and gray dolomite.
	507		White and gray anhydrite, some pink dolomite.
	570		Gray anhydrite, some dolomite
	577		Gray anhydrite.
	591		Gray anhydrite, some dolomite.
	610		Gray anhydrite.
	620		Gray anhydrite.
	635		Anhydrite and red beds.
	642		Anhydrite, dolomite and some red beds
	652		Anhydrite and dolomite.
	660		Anhydrite and some red beds.
	668		Anhydrite and some red dolomite.
	697		Gray anhydrite
	705		Red sand and some anhydrite.
	710		Red sand.
	717		Red beds and anhydrite.
	745		Anhydrite, red gyp and some red sand
	750		No sample
	767		Anhydrite, white and pink gyp.
	775		Red sand and anhydrite.
	780		Anhydrite and gypsum and some red sand
	805		No sample.
	820		Anhydrite.
	830		Anhydrite and some sandy red bed.
	840		Anhydrite, som dolomite.
	855		Anhydrite, little red bed.
	860		Anhydrite
	865		Anhydrite and some red bed.
	873		No sample
	905		Anhydrite
	915		Red dolomite and anhydrite
	945		Red lime and anhydrite
	952		Anhydrite and red bed.
	958		Anhydrite
	965		Anhydrite, little dolomite.
	965		Anhydrite, little dolomite.
1000	1000		Anhydrite and red bed.
	1060		Anhydrite and dolomite.
	1070		Anhydrite
	1080		Anhydrite, some red beds.
1090	1090		Red dolomite and some anhydrite.
	1140		Anhydrite and dolomite.
	1160		Anhydrite
	1165		Pinkish gray sand and anhydrite
	1175		Pinkish gray sand
	1185		Pink sand and some anhydrite
	1220		Anhydrite, little red sand.
	1230		Pink and white anhydrite.
	1250		Anhydrite and red beds.
	1260		Anhydrite
	1275		Dolomite and some anhydrite
	1290		Lime and anhydrite
	1300		Dolomite.
	1310		Red dolomite and anhydrite
	1320		Red and gray dolomite.
	1345		Dolomite and anhydrite
	1360		Pink anhydrite
	1365		Anhydrite and some dolomite.
	1385		Dolomite
	1410		Anhydrite and some dolomite.
	1425		Red and gray dolomite.
	1458		Gray lime.
	1465		No sample
	1520		Gray lime.
	1542		Gray lime
	1550		Anhydrite and gray lime.
	1555		Red dolomite.
	1565		Pink dolomite and white anhydrite.
	1570		Pink and gray lime and anhydrite
	1585		Gray lime, little anhydrite
	1602		Gray lime,)
	1607		Lime and some anhydrite)
	1613		Sand some anhydrite)
	1618		Sand and lime, some anhydrite)
	1623		Lime and anhydrite) OIL
	1630		T.D.)