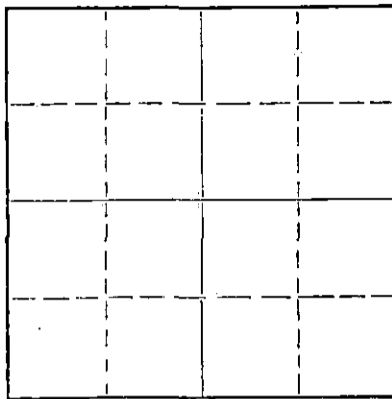


WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
212 No. Market  
Wichita, Kansas

NORTH



Locate well correctly on above  
Section Plat

Edwards County. Sec. 26 Twp. 25s Rge. (X) 16 (W)  
Location as "NE/CNW/SW" or footage from lines SE SE NW  
Lease Owner Santa-Fe Pipe & Supply, Inc.,  
Lease Name Russell Well No. A-2  
Office Address Box 562, Great Bend, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole) - oil  
Date well completed August 16 19 59  
Application for plugging filed April 18 19 68  
Application for plugging approved April 19 19 68  
Plugging commenced June 8 19 68  
Plugging completed June 14 19 68  
Reason for abandonment of well or producing formation depleted

If a producing well is abandoned, date of last production 19  
Was permission obtained from the Conservation Division or its agents before plugging was commenced? yes

Name of Conservation Agent who supervised plugging of this well R. J. Warren  
Producing formation Depth to top Bottom Total Depth of Well 4419 Feet  
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8-5/8"	316'	none
				5-1/2"	4418'	3749.27'

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

- 4419' - 4355' - sand
- 4355' - 4315' - 5 sacks cement
- 4315' - 300' - mud
- 300' - 290' - rock bridge
- 290' - 275' - 5 sacks cement
- 275' - 215' - 20 sacks cement
- 215' - 40' - mud
- 40' - 30' - rock bridge
- 30' - base - 10 sacks cement

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JUN 24 1968  
CONSERVATION DIVISION  
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor Santa-Fe Pipe & Supply, Inc.,  
Address Box 562, Great Bend, Kansas

STATE OF Kansas, COUNTY OF Barton, ss.  
T. L. Nutt (employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) [Signature]  
Box 562, Great Bend, Kansas  
(Address)

SUBSCRIBED AND SWORN TO before me this 22 day of June, 19 68  
My commission expires July 31, 1970  
Mary M. Guesonier Notary Public.

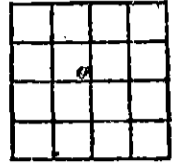
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

Company- NATURAL GAS & OIL CO.,  
Farm- Russell "A" No. 2

SEC. 26 T. 25 R. 16W  
SE SE NW

Total Depth, 4419' RTD  
Comm. 7-31-58 Comp. 8-16-58  
Shot or Treated.  
Contractor. Honaker-Davis Drilling Co.,  
Issued. 10-18-58

County Edwards,  
KANSAS



Elevation. 2060' RB

Production. 925 BOPD.

CASING:

8 5/8" O 316' W/225 sks. cem.,  
5 1/2" O 4418' W/100 sks. cem.,

Figures Indicate Bottom of Formations.

Top soil, sand & gravel	200
shale	320
shale & red bed	1035
Anhydrite	1060
shale & shells	2040
line & shale	4125
line	4185
line & shale	4345
line & chert	4391
line & sand	4400
line & chert	4419 RTD.
Total Depth.	

TOPS SCHLUMBERGER:

Anhydrite	1035
Brown Line	3864
Lansing	3880
Base Kansas City	4162
Base Fort. Scott	4320
Mississippi	4372
Kinderhook Shale	3483
Kinderhook Sand	3496
Viola	4404

DST:

#1 4356-4391, open 1 hour, strong blow,  
gas to surface in 28 min, too small to  
measure, recovered 210' HQ&GCM, 120',  
muddy gassy oil, shut in 20 min, IFF  
75#, IFF 130#, FBHP 1095#,

Perforated Mississippi 4373-80 W/50 bullets  
show oil,

Acidized with 500 gal mud acid and 95 BO  
at 1200#, scab and flow 26 BO in 1 hour  
after load back.

9-8-58

State potential 925 BOPD, no water, thru  
32/64" choke.

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APR 19 1968  
CONSERVATION DIVISION  
Wichita, Kansas

STENCILED  
OCT 18 1958

L.R.

ORIGINAL

DRILLER'S LOG

OPERATOR Natural Gas and Oil Company 8 5/8" @ 316' w/ 225  
sh. C.  
 CONTRACTOR Honaker-Davis Drlg Co 5 1/2" @ 4418' w/ 100  
sh. C.  
 FARM Russell "A" 2, SE SE NW Sec. 26-25S-16W  
 Edwards County, Kansas

T.D. 4419

Issue Date 10-19-58

COMMENCED: July 31, 1958 - Rotary  
 August 14, 1958 - Cable tools  
 COMPLETED August 11, 1958 - Rotary  
 August 16, 1958 - Cable Tools

ELEVATION 2060 RB Prod 925 BOPD.

0	to	200	Top soil, sand and gravel
200	to	320	Blue shale
320	to	1035	Shale and red bed
1035	to	1060	Anhydrite
1060	to	2040	Shale and shells
2040	to	4125	Lime and shale
4125	to	4185	Lime
4185	to	4345	Lime and shale
4345	to	4391	Lime and chert
4391	to	4400	Lime and sand
4400	to	4419	Lime and chert
		4419	T.D. - rotary

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 CONSERVATION DIVISION  
 Wichita, Kansas

Set 316' of 8 5/8" surface pipe. Cemented with 225 sacks cement and 4 sacks calcium chloride.

Set 4418' of 5 1/2" 15.5# casing. Cemented with 100 sacks cement.

Schlumberger tops:

Anhydrite	1035	Base K C	4162	Kinderhook Shale	4383
Brown Lime	3864	Base Ft. Scott	4320	Kinderhook Sand	4396
Lansing	3880	Mississippi	4372	Viola	4404

Drill Stem Tests  
 #1 4356-4391, open 1 hour, strong blow, gas to surface in 28 min, too small to measure, recovered 210' HO&GCM, 120' muddy gassy oil, shut in 20 min, IFP 75#, FFP 138#, FBHP 1095#.

Perforated Mississippi 4373-80 w/50 bullets, show oil, Acidized with 500 gal mud acid and 95 BO at 1200#, swab and flow 26 BO in 1 hour after load back  
 9/8/58  
 State potential 925 BOPD, no water, thru 32/64" choke.