

WELL COMPLETION REPORT AND DRILLER'S LOG

KANSAS
State Geological Survey
WICHITA BRANCH

API No. 15 — 065 — 21,448
County Number

S. 30 T. 9S R. 22 W
Loc. 1980' FNL-1980' FEL
County Graham

Operator Cities Service Company
Address 209 East William
800 Sutton Place Bldg, Wichita, KS 67202

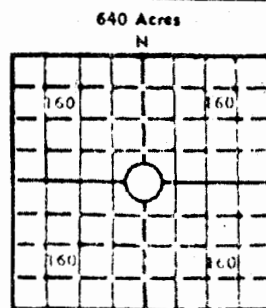
Well No. 4 Lease Name Farrell "A"

Footage Location
1980 feet from (N) (S) line 1980 feet from (E) (W) line

Principal Contractor Emphasis Oil Operations Geologist Well Site - Clavin Clay

Spud Date July 9, 1981 Date Completed 7-18-81 Total Depth 3917 P.B.T.D. ---

Directional Deviation None Oil and/or Gas Purchaser -----



Locate well correctly
Elev.: Gr. 2383'
Df 2385' KB 2388'

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4"	8 5/8"	24#	255'	50-50 Poz-A	200	Plus 2% CaCl

LINER RECORD

PERFORATION RECORD

Top, ft. Bottom, ft. Sacks cement Shots per ft. Size & type Depth interval

TUBING RECORD

Size Setting depth Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used Depth interval treated

INITIAL PRODUCTION

Date of first production Producing method (Flowing, pumping, gas lift, etc.)
Plugged & Abandoned

RATE OF PRODUCTION PER 24 HOURS Oil Gas Water Gas-oil ratio
bbls. MCF bbls. CF

Disposition of gas (vented, used on lease or sold) Producing interval (s)

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please see Rule 82-2-125. Drillers Log shall be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Cities Service Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 4	Lease Name Farrell "A"	Dry Hole
S 30 T 9S R 22 E W		

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN,
OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
(See Attached)				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	C. E. Forrester C. E. Forrester Signature Region Petroleum Engineer Title 7-21-81 Date
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EG 1779

30-9-22W

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EMPHASIS OIL OPERATIONS

P. O. Box 506
Russell, Kansas 67665

DRILLERS LOG

OPERATOR: Cities Service Company
800 Sutton Place Building
209 E. William
Wichita, Kansas 67202

CONTRACTOR: Emphasis Oil Operations
P. O. Box 506
Russell, Kansas 67665

LEASE: Farrell 'A' WELL: #4

LOCATION: C SW NE
Section 30-9S-22W
Graham County, Kansas

Total Depth: 3915'

Elevation:

Commenced: 7-8-81

Completed: 7-17-81

Casing: 8-5/8" @259' with 200 sks cement

Status: Dry Hole

DEPTHS & FORMATIONS

(All measurements from K.B.)

Topsoil & Sand	40'	Shale & Lime	2969'
Shale & Sand	947'	Shale	3122'
Shale	1926'	Shale & Lime	3611'
Anhydrite	1959'	Lime (R.T.D.)	3915'
Shale	2600'		

STATE OF KANSAS)
) ss:
COUNTY OF RUSSELL)

I, Joe K. Branum, of Emphasis Oil Operations, state that the above and foregoing is a true and correct log of the above captioned well.