

KANSAS DRILLERS LOG

S. 23 T. 15 R. 14 ~~XX~~ ^W
 Loc. 1320' SL, 2310' WL
 County Russell

API No. 15 — 167 — 21,253
 County Number

Operator Cities Service Company

Address 700 Sutton Place, 209 E. William, Wichita, KS 67202

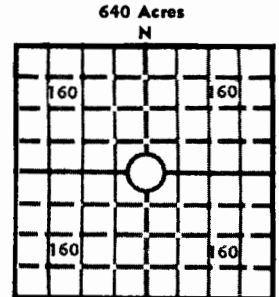
Well No. 4 Lease Name Resner "A"

Footage Location
1320 feet from ~~XX~~ (S) line 2310 feet from ~~XX~~ (W) line

Principal Contractor Emphasis Oil Operations Geologist Well Site: Andy Glenn

Spud Date 11-16-78 Total Depth 3326' P.B.T.D.

Date Completed 12-6-78 Oil Purchaser Cities Service



Locate well correctly
 Elev.: Gr. 1882'
 DF 1884' KB 1886'

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#	364'	50/50 Pozmix	225	2% Salt
Production	7 7/8"	5 1/2"	14#	3324 1/2'	50/50 Pozmix	100	10% Salt, .75% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
				Open Hole	3325'-3326'

TUBING RECORD

Size	Setting depth	Packer set at
2"	3321'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production 12-6-78 Producing method (flowing, pumping, gas lift, etc.) Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	<u>15</u> bbls.	<u>MCF</u>	<u>20</u> bbls.	<u>CFPB</u>

Disposition of gas (vented, used on lease or sold) _____ Producing interval (s) 3325'-3326'

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, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will 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 **Resner "A"** Oil

S 23 T 15 R 14 X 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 Log Attached)				

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

Date Received _____

Signature W. J. Devaney
Region Operations Manager
Title
January 10, 1979
Date

23-15-14W

State Geological Survey
WICHITA BRANCH

EMPHASIS OIL OPERATIONS
P. O. Box 506
Russell, Kansas 67665

DRILLERS LOG

OPERATOR: Cities Service Company
209 E. William
700 Sutton Place Bldg.
Wichita, KS 67202

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Resner "A"

WELL: #4

LOCATION: C E/2 E/2 SW
Section 23-15S-14W
Russell County, Kansas

Total Depth: 3324'

Elevation:

Commenced: 11-16-78

Completed: 11-21-78

Casing: 8-5/8" @ 358'
5-1/2" @ 3323 1/2'

Status: Oil Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

Top Soil	20	Shale & Lime	2355
Shale	881	Sand & Shale	2540
Anhydrite	816	Shale & Lime	2810
Shale	1440	Lime & Shale	3298
Shale & Lime	1643	Lime (R.T.D.)	3324
Lime & Shale	2100		

STATE OF KANSAS)

COUNTY OF RUSSELL) ss

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.