15-077-20502

State Geological Survey
WICHITA, BRANCH
KANSAS DRILLERS LOG

IMPORTANT
Kans. Geo. Survey request samples on this well.

S. 4 T. 31 R. 9 E/W

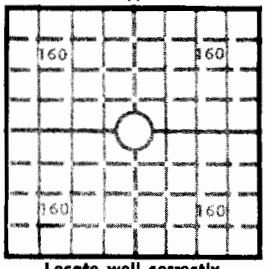
API No. 15 — 077 (County) — 20,502 (Number)

Loc. C NE SE

Operator
Cities Service Co.

County Harper

640 Acres
N



Locate well correctly

Address
700 Sutton Place Bldg. Wichita, Kansas 67202

Well No.	Lease Name
#2	Wingate "A"

Footage Location
1989 feet from (N) (S) line 660 feet from (E) (W) line

Principal Contractor	Geologist
Gabbert-Jones	On Well Site: Bill Jacques

Spud Date	Total Depth	P.B.T.D.
1-6-79	4535	

Date Completed	Oil Purchaser
2-15-79	------

Elev.: Gr. 1713'
DF 1721' KB 1725'

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 ¼"	8 5/8"	24#	259	50/50 Pozmix	225	2% CaCl-2
Production	7 7/8"	4 ½"	9.5#	4534	50/50 Pozmix	125	10% Salt .75% CFR-2

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2"	4447'	

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
1 Shot per ft.		4460'-76'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gal 15% HCL, 75 bbl 2% KCL wtr, 2000 gal 75% Q Foam, 4000	4460'-76'
gal 75% Q Foam, 2000# 20-40 Sand, 4000gal 75% Q Foam, 3000#	2350'-2800'
20-40 sand, 4000 gal 75% Q Foam 5000# 20-40 Sand, 4000 gal 75% Q Foam, 6000# 20-40 Sand.	

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	bbls.	200 MCF	bbls.	CFPB

Disposition of gas (vented, used on lease or sold)	Producing interval(s)
sold	4460-76'

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	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Cities Service Company	

Well No.	Lease Name	
2	Wingate	Gas
S 4 T 31 R 9 W E MK		

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

W. J. Devaney
Signature

Region Operations Manager
Title

February 12, 1979
Date

4-31-9W

GABBERT-JONES, INC.
WICHITA, KANSAS
DRILLERS' WELL LOG

Wimgate "A" #2
Sec 4-31S-9W
Harper County Kansas

Commenced: 1-6-79

Completed: 1-19-79

OPERATOR: Cities Service Company

Depth From	Depth to	Formation	Remarks
0	40	Sand	Ran 6 jts of 24# 8 5/8" csg
40	105	Red Rock-Redbed	set @ 258' Cemented w/
105	160	Sand	225 sks 50/50 Posmix
160	200	Redbed-Shale	2% CC PD @ 7:00 p.m.
200	265	Redbed	1-6-79
265	1280	Shale	
1280	1622	Shale-Lime	
1622	2560	Lime-Shale	
2560	3141	Shale-Lime	Ran 117 jts of 4½" csg
3141	3995	Lime-Shale	set @ 4534 Cemented
3995	4533	Lime	w/125 sks 50/50 Posmix
			10% Salt .5% CFR-2
	4535 - TD		PD @ 5:30 p.m. 1-19-79

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

I, the undersigned, being duly sworn on oath, state that the above Drillers' Well Log is true and correct to the best of my knowledge and belief and according to the records of this office.

GABBERT-JONES, INC.

JAMES S. SUTTON II

Subscribed and sworn to before me this 29th day of January 29, 1979.

Elizabeth J. Edwards