

State Geological Survey  
Wichita, Kansas  
T. 34S R. 11 W

**WELL COMPLETION REPORT AND DRILLER'S LOG**

API No. 15 — 007 — 20981  
County Number

Loc. 660' FSL-1980' FWL  
County Barber

Operator  
Cities Service Company

Address  
209 E. William, Wichita, Kansas

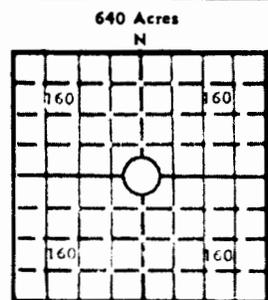
Well No. 1 Lease Name Fitzgerald "B" #1

Footage Location  
660 feet from ~~XXX~~ (S) line 1980 feet from ~~XXX~~ (W) line

Principal Contractor Gabbert-Jones, Inc. Geologist Andrew R. Glenn - well site

Spud Date 9-21-80 Date Completed 10-4-80 Total Depth 4780 P.B.T.D. 4717

Directional Deviation Not directionally drilled. Oil and/or Gas Purchaser Uncommitted



Elev.: Gr. 1425  
DF 1434 KB 1436

**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	1021	Below DV Tool 50-50 Pozmix	200	2% CaCl-2
		DV Tool @		328	Above DV Tool 50-50 Pozmix	300	2% CaCl-2
Production	7-7/8"	5-1/2"	14	4779	50-50 Pozmix	225	10% Salt .75% CFR-2

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
-----	-----	-----	2		4686-4704
<b>TUBING RECORD</b>			2		4676-4696
Size	Setting depth	Packer set at			
2-3/8"	4687'	None			

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
Cement squeeze with 150 sacks 50-50 Pozmix	4686-4704
1500 Gal. 15% MCA acid	4676-4696
Frac.w/25,000 #20-40 sand, 25,000# 10-20 sand + 868 MCF nitrogen	4676-4696

**INITIAL PRODUCTION**

Date of first production Well shut-in waiting for gas sales connection - Flowing	Producing method (flowing, pumping, gas lift, etc.)
RATE OF PRODUCTION PER 24 HOURS	Oil Gas Water Gas-oil ratio
	bbls. 405 MCF bbls. CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (s) 4676-4696

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 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, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name Fitzgerald "B"	Gas
S 19 T 34S R 11		

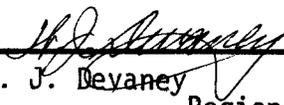
**WELL LOG**

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 log.				

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

Date Received	 Signature
	W. J. Devaney Region Operations Manager Title
	12-12-80 Date

19-34-11W

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

Fitzgerald "B" #1  
Sec 19-34S-11W  
Barber County Kansas

Commenced: 9-21-80

Completed: 10-4-80

OPERATOR: Cities Service Co.

Depth		Formation	Remarks
From	To		
0	95	Sand-Redbed	Ran 25 jts of 24# 8 5/8" csg set @ 1021' Cemented w/ 200 sks Posmix 2% CC (Bottom) @ 10:15 p.m. 9-22-80 Staged @ 328' Top w/300 sks Posmix 2% CC @ 1:10 a.m. 9-23-80 CC  Ran 117 jts of 14# 5 1/2" csg set @ 4779' Cemented w/ 225 sks 50/50 Posmix 2% Gel 10% Salt - 27.5# D65 22% D46 PD @ 11:25 a.m. 10-4-80
95	1067	Redbed	
1067	1505	Redbed-Shalls	
1505	2960	Shale	
2960	3570	Shale-Lime	
3570	3672	Sand	
3672	3880	Shale-Lime	
3880	3970	Lime-Shale	
3970	4180	Shale-Lime	
4180	4280	Lime-Shale	
4280	4780	Lime	
	4780-TD		

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*  
JAMES S. SUTTON II

Subscribed and sworn to before me this 9th day of October, 1980.

*Elizabeth J. Edwards*  
ELIZABETH J. EDWARDS-NOTARY PUBLIC

My Commission expires February 6, 1983.