15-153-20301

24-5-32W

State Geological Survey
WICHITA BRANCH

KANSAS DRILLERS LOG

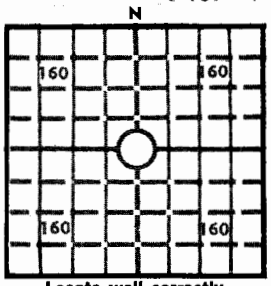
S. 24 T. 5S R. 32 E/W

API No. 15 — 153 (County) — 20,301 (Number)

Loc. NW NE NW

County Rawlins

640 Acres N



Locate well correctly

Operator: Cities Service Company

Address: 700 Sutton Pl. Bldg. 209 E. William, Wichita, KS 67202

Well No.	Lease Name
1	Faulkner "A"

Footage Location: 2310 feet from X (S) line — 2310 feet from X (W) line

Principal Contractor	Geologist
Abercrombie Drilling Co.	Well Site - Sam Houston

Spud Date	Total Depth	P.B.T.D.
9-29-77	4410'	4384'

Date Completed	Oil Purchaser
11-28-77	Cities Service Co.

Elev.: Gr. 2983'

DF 2986' KB 2988'

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#	281'	50/50 Pozmix	210	2% CaCl-2
Production	7 7/8"	5 ½"	14#	4409'	50/50 Pozmix	350	10% Salt + .75% CFR-2
D.V. Tools				2014'			

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2"	4346'	XX 4170'

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2		4356-4361'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1500 gallons 15% NE Acid	4356-4361
No Acid	4140-4144

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
11-28-77	Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	18 bbls.	MCF	48 bbls.	CFPB

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, 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.

C-10-1972

Operator		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Cities Service Company		
Well No. 1	**Lease Name** Faulkner "A"	Oil
S 24 T 5S R 32 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

E. W. Peterman
Signature

Region Operations Manager
Title

December 15, 1977
Date

24-5-32W

CONTRACTOR'S WELL LOG

OPERATOR:	Cities Service Oil Company
CONTRACTOR:	Abercrombie Drilling, Inc.
WELL NAME:	Faulkner "A" #1
LOCATION:	NE NE NW Section 24-5S-32W Rawlins County, Kansas
SPUD DATE:	September 28, 1977
COMPLETION DATE:	October 7, 1977

0	103	Clay
103	135	Sand
135	1525	Shale
1525	1895	Shale & sand
1895	2100	Shale
2100	2215	Sand
2215	2355	Shale
2355	2678	Shale & sand
2678	2715	Anhydrite
2715	3220	Shale
3220	3415	Shale & lime
3415	3985	Lime & shale
3985	4179	Lime
4179	4188	Lime & shale
4188	4300	Shale & lime
4300	4410	Lime
	4410	Rotary Total Depth

Spud hole at 11:00 a.m., September 28, 1977. Drilled 284' of 12¼" hole, ran 7 joints of 8-5/8" surface casing. Set at 283' K.B. Cemented with 210 sacks common cement, 2% CaCl. Plug was down at 3:30 p.m., September 28, 1977.

T. D. 4410'. Ran 133 joints of 5½" casing, set at 4409' K.B., set 1' off bottom - plug was down at 1:30 p.m., October 7, 1977.

SAMPLE TOPS:

Anhydrite	2678'
B/Anhydrite	2715'

STATE OF KANSAS)
) ss
COUNTY OF SEDGWICK)

Jack L. Partridge, Assistant Secretary-Treasurer of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the Faulkner "A" #1, NE NE NW Section 24-5S-32W, Rawlins County, Kansas.

ABERCROMBIE DRILLING, INC.,