15-051-21391

State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

S. 25 T. 11S R. 17 E/W

API No. 15 — 051 (County) — 21,391 (Number)

Loc. 1650' FNL - 1910' FEL

County Ellis

Operator
Cities Service Company

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

Well No.	Lease Name
22	Colahan "B"

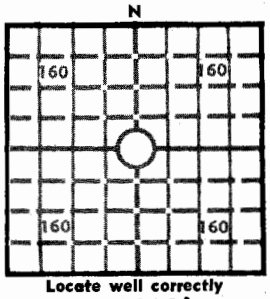
Footage Location
1650 feet from (N) (S) line 1910 feet from (E) (W) line

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

Spud Date	Total Depth	P.B.T.D.
10-16-77	3521	-----

Date Completed	Oil Purchaser
11-14-77	Cities Service Co.

640 Acres
N



Locate well correctly

Elev.: Gr. 1929'

DF 1932' KB 1934'

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#	277	Pozmix 50/50	225	2% CaCl-2
Production	7 7/8"	5 ½"	14#	3518	Pozmix 50/50	300	10% Salt + .75% CaCl-2
		DV Tool	@ ----	1127	Howco Lite	300	10% Salt + .75% CFR-2

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2 ½"	3400'	-----

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2		3436'-3440'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
150 Gals. of salt water + 15% Acid	3436'-3440'

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
11-14-77	Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	14 bbls.	MCF	76 bbls.	CFPB

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

Producing interval(s)
3436'-3440'

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.:
Well No. 22	Lease Name Colahan "B"	Oil
S 25 T 11S R 17 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
(Detail Attached)				

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

Date Received

Signature C. E. Forrester

Region Petroleum Engineer

Title

November 21, 1977

Date

12688

25-11S-17W

DRILLERS' WELL LOG

DATE COMMENCED: October 15, 1977
DATE COMPLETED: October 25, 1977

Cities Service Company
COLAHAN B-22
830' from West Line and
990' from South Line of NE/4
Sec 25-T11S-R17W
Ellis County, Kansas

ELEVATION: 1934 K.B.

0 -	50'	Shale, Post Rock
50 -	278'	Clay, Shale
278 -	1116'	Shale
1116 -	1153'	Anhydrite
1153 -	2763'	Shale and Lime
2763 -	3090'	Lime and Shale
3090 -	3094'	Shale
3094 -	3113'	Lime and Shale
3113 -	3393'	Lime
3393 -	3406'	Lime and Shale
3406 -	3521'	Dolomite
	3521'	RTD

FORMATION DATA

Anhydrite	1116
Heebner	3090
Toronto	3113
Lansing	3137
Base K.C.	3393
Arbuckle	3406
RTD	3521

SURFACE PIPE:
Set new 8 5/8", 24# pipe at 277' w/225 sacks 50/50 Pozmix, 2% Ca. Ch.

PRODUCTION PIPE:
Ran new 5½", 14# casing at 3518' w/40 bbl salt water flush then cemented w/300 sacks 50/50 Pozmix, Class A + 10% salt and .75% CRF2
DV Tool set @ 1127' w/300 sacks Howco lite + 10% salt and .75% CFR2.

A F F I D A V I T

STATE OF KANSAS)
COUNTY OF BARTON) ss.

Larry Curtis, of lawful age, does swear and state that the facts and statements herein contained are true and correct to the best of his knowledge.

Larry Curtis