

PI

KANSAS
State Geological Survey
WICHITA BRANCH

WELL COMPLETION REPORT AND
DRILLER'S LOG

S. 25 T. 11 R. 17 E
W?
XX
Loc. 1080' FNL-2180' FEL
County ELLIS ok
640 Acres
N

API No. 15 — 051 — 22,105
County Number

Operator
Cities Service Company

Address
800 Sutton Place Bldg., 209 E. William, Wichita, Kansas 67202

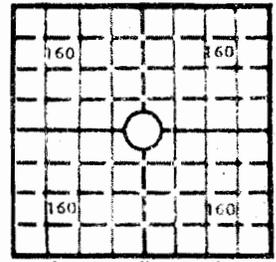
Well No. 23 Lease Name Colahan "B"

Footage Location
1080 feet from (N) ~~W~~ line 2180 feet from (E) ~~W~~ line

Principal Contractor Emphasis Oil Operation Geologist Alan Snider

Spud Date 12/22/80 Date Completed 2/3/81 Total Depth 3472' KB P.B.T.D. 3454' KB

Directional Deviation No directionally drilled Oil and/or Gas Purchaser Cities Service Co.



Elev.: Gr. 1883'
DF 1886' KB 1888'

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#	340' KB	50-50 Pozmix "A"	200	2% CaCl
Production	7-7/8"	5-1/2"	14#	3472' KB	50-50 Pozmix "A"	250	10% salt plus .75% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		3397-3400'

TUBING RECORD

Size	Setting depth	Packer set at
2-1/2"		-----

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
None	

INITIAL PRODUCTION

Date of first production 2/3/81 Producing method (flowing, pumping, gas lift, etc.) Pumping

RATE OF PRODUCTION PER 24 HOURS
Oil 22 bbls. Gas ----- MCF Water 358 bbls. Gas-oil ratio No gas CFPB

Disposition of gas (vented, used on lease or sold) No gas produced Producing interval (s) Arbuckle 3397'-3400'

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, GAS, DRY HOLE, SWDW, ETC.:
Well No. 23	Lease Name Colahan	Oil
S 25 T 11 R 17 ^{EX} _W		

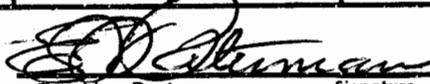
WELL LOG

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 well log				

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

Date Received	 E. W. Peterman <small>Signature</small>
	Region Operations Manager
	February 13, 1981 <small>Date</small>

25-11-17W

EMPHASIS OIL OPERATIONS

P. O. Box 506

Russell, Kansas 67665

DRILLERS LOG

OPERATOR: Cities Service Company
Energy Resources Group
209 East William
700 Sutton Place Building
Wichita, Kansas 67202

CONTRACTOR: Emphasis Oil Operations
P. O. Box 506
Russell, Kansas 67665

LEASE: Colahan "B" WELL: #23

LOCATION: 1090' FNL
2185' FEL
Section 25-11S-17W
Ellis County, Kansas

Total Depth: 3473'

Elevation:

Commenced: 12-22-80

Completed: 1-5-81

Casing: 8-5/8" @ 345'
5-1/2" @ 3472'

Status: Oil Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

Soil & post rock	40	Shale	1850
Post rock & shale	345	Shale & lime	3350
Shale & sand	715	Lime & shale	3410
Red bed	1069	Lime (R.T.D.)	3473
Anhydrite	1109		

STATE OF KANSAS)
) ss:
COUNTY OF RUSSELL)

T. Joe K. Branum of Emphasis Oil Operations, state that the above and foregoing is a