

TYPE

# NOTICE OF INTENTION TO DRILL

C-1

TO BE FILED WITH THE STATE CORPORATION COMMISSION  
PRIOR TO COMMENCEMENT OF WELL

API Number 15-033-20,230  
(For office use only) - 0000

1. Operator Cities Service Company  
209 E. William 700 Sutton Place Bldg.  
Address Wichita, KS 67202

Starting Date 10/15/77

County Comanche

2. Contractor Gabbert & Jones, Inc.  
830 Sutton Place Bldg.  
Address Wichita, KS 67202

Sec 21 Twp 32 S Rge 17 <sup>NE</sup> <sub>W</sub>

Spot Location NE NE

3. Type of Equipment: Rotary X Cable Tool \_\_\_\_\_

Nearest Lease Line 660 ft.

4. Well to be Drilled for: Oil X Gas X

Lease Name Belcher "A"

Disposal \_\_\_\_\_ Input \_\_\_\_\_ Other \_\_\_\_\_

5. Depth of Deepest Fresh Water within 1 mile 100 ft.

6. Depth of Municipal Water Well within 3 miles None ft.

7. Depth to Protect all Fresh Water 100 ft.

8. Amount of Surface Casing to be set 550 ft.

9. Alternate No. 1 X No. 2 \_\_\_\_\_

Est. Total Depth 5950 ft.

REMARKS:

OPERATOR STATES THAT HE WILL COMPLY WITH K. S. A. 55-128

Signature of Operator C. E. Forrester  
C. E. Forrester, Region Petroleum Engineer  
August 16, 1977

CONSERVATION DIVISION  
Wichita, Kansas

RECEIVED  
STATE CORPORATION COMMISSION  
8-18-77  
AUG 18 1977

First  
Class  
Postage

**State Corporation Commission of Kansas**  
**Conservation Division**  
**245 North Water**  
**Wichita, Kansas 67202**

(IF PREFERRED, MAIL IN ENVELOPE)

## CITIES SERVICE COMPANY

## Daily Well History - Interim Report

INSTRUCTIONS: Interim Reports shall be completed and submitted with the Final Report for the well. Interim Reports are required for all drilling wells and may also be used for recording daily work on significant workovers. The description of work performed on Interim Reports should be a complete report of each days Drilling Activity. On significant wells the Tulsa Office may request Interim Reports as a sheet is filled out.

LEASE / UNIT NAME AND WELL NO.		REGION
Belcher A #1		Mid-Cont. North
COUNTY - PARISH - STATE - PROVINCE		FIELD OR PROSPECT NAME
Comanche, KS		Nescatunga
		9 1578091
DATE AND DEPTH	DESCRIPTION OF WORK PERFORMED	
10-28-77 cont.	20-MINUTES 81.8 MCF; 25 7 30 MINUTES 86.3 MCF. SECOND OPENING 5-MINUTES 94.5 MCF; 10-MINUTES 108 MCF; 15 & 20 MINUTES 94.5 MCF; 25-MINUTES 86.3 MCF; 30-MINUTES 81.8 MCF. RECOVERED 180' FREE OIL, SPECIFIC GRAVITY 38 DEGREES AT 60 DEGREES F.; 440' HEAVY OIL AND GAS CUT DRILLING MUD. IHH 2728#; IFP 92-133#; ISIP 1618#; FFP 133-215#; FSIP 1678#; FHH 2666#; BHT 115 DEGREES F.	
10-29-77	DRILLING AT 5280' LIME. MUD WT. 9.4; VIS. 52; W.L. 8.0 CC; L.C.M. 3-1/2#.	
10-30-77	DRILLING AT 5420' LIME. MUD WT. 9.5; VIS. 54; W.L. 6.8CC; L.C.M. 4#.	
10-31-77	DRILLING AT 5542' LIME. MUD WT. 9.5; VIS. 57; W.L. 8.8 CC; L.C.M. 5#.	
11-1-77	TOTAL DEPTH 5606'. MUD WT. 9.4; VIS. 55; W.L. 6.4 CC; L.C.M. 5#. RUNNING D.S.T. #8 - 5589-5606' (17' ANCHOR) VIOLA. 30-60-15-60. FIRST OPENING WEAK BLOW. SECOND OPENING NO BLOW. COMING OUT OF HOLE. TOP: VIOLA 5556' -3452	
11-2-77	TOTAL DEPTH 5624'. MUD WT. 9.5; VIS. 60; W.L. 8.0 CC; L.C.M. 4#. RAN D.S.T. #9 - 5588-5624' - 36' ANCHOR - VIOLA. 30-60-30-60. WEAK BLOW THROUGHOUT. RECOVERED 50' DRILLING MUD. IHH 2957#; IFP 41-41# ISIP 103# FFP 41-41#; FSIP 92#; FHH 2895#; B.H.T. 110 DEGREES F. FINISH PULLING OUT D.S.T. #8. RECOVERED 20' DRILLING MUD. IHH 2832#; IFP 21-21#; ISIP 41#; FFP 21-21#; FSIP 21# FHH 2832#; B.H.T. 112 DEGREES F.	
11-3-77	DRILLING AT 5715' LIME. MUD WT. 9.5; VIS. 58; W.L. 5.2 CC; L.C.M. 7#.	
11-4-77	5850' CIRCULATING FOR SAMPLES. MUD WT. 9.5; VIS. 58; W.L. 4.0 CC; L.C.M. 7#.	

RECEIVED  
STATE CORPORATION COMMISSION

FEB 03 1988  
2-3-88  
CONSERVATION DIVISION  
Wichita, Kansas

15-033-20230-0000

## CITIES SERVICE COMPANY

## Daily Well History - Interim Report

INSTRUCTIONS: Interim Reports shall be completed and submitted with the Final Report for the well. Interim Reports are required for all drilling wells and may also be used for recording daily work on significant workovers. The description of work performed on Interim Reports should be a complete report of each days Drilling Activity. On significant wells the Tulsa Office may request Interim Reports as a sheet is filled out.

LEASE / UNIT NAME AND WELL NO.		REGION
COUNTY - PARISH - STATE - PROVINCE		FIELD OR PROSPECT NAME
		AFE NUMBER
Belcher A #1		Mid-Cont. North
Comanche, KS		Nescatunga
		9-1578091
DATE AND DEPTH	DESCRIPTION OF WORK PERFORMED	
10-22-77	DRILLING AT 4535' LIME. MUD WT. 9.5; VIS. 46; W.L. 8.8 CC; L.C.M. 2#. TOP: HEEBNER 4286' -2182	
10-23-77	TOTAL DEPTH 4685'. RUNNING D.S.T. #4 - 4676-85' LANSING-KANSAS CITY.	
10-24-77	DRILLING AT 4830' LIME. MUD WT. 9.4; VIS 48; W.L. 8.8CC; L.C.M. 3#. D.S.T. #4 - 4676-85' - 9' ANCHOR - LANSING-KANSAS CITY. 30-30-30-60. STRONG BLOW FIRST OPENING, GAS TO SURFACE 26-MINUTES 33.9 MCF. SECOND SOENING - 5-MINUTES 17.1 MCF; 10-MINUTES 19.5 MCF; 30-MINUTES 19.5 MCF. RECOVERED 60' THIN GAS CUT DRILLING MUD: 130' SALT WATER. IHH 2267#; IFP 20-50#; ISIP 1667#; FFP 50-80#; FSIP 1667#; FHH 2267#.	
10-25-77	DRILLING AT 5000' LIME MUD WT. 9.4; VIS. 50; W.L. 9.6 CC; L.C.M. 2#.	
10-26-77	DRILLING AT 5054' LIME. MUD WT. 9.5; VIS. 52; W.L. 64. CC; L.C.M. 4#. SLOPE TEST; 5051' - 1/8 DEGREE. RAN D.S.T. #5 - 5037-51' - 14' ANCHOR - BASE MARMATON. 30-45-40-60. RECOVERED 75' DRILLING MUD. IHH 2634#; IFP 21-31#; ISIP 1161#; FFP 31-31#; FSIP 1627#; FHH 2582#; BHT 109 DEGREES. TOPS: LANSING 4436' -2359 ALAMONT 4981' -2877	
10-27-77	TOTAL DEPTH 5154'. RUNNING D.S.T. #6 - 5125-54' (29') MISSISSIPPI. TOP: MISSISSIPPI 5123' -3019 60 UNIT GAS KICK. 5' DRILLING BREAK. GAS TO SURFACE IN 6-MINUTES. MUD WT. 9.5; VIS. 52; W.L. 4.4.	
10-28-77	TOTAL DEPTH 5164'. MUD WT. 9.7; VIS. 51; W.L. 5.2 CC; L.C.M. 4#. RUNNING D.S.T. #7 = 5153-64' -- 11' ANCHOR-- MISSISSITTI. 30-90-30-90. FIRST OPENING WEAK BLOW, INCREASING TO GOOD BLOW. SECOND OPENING WEAK BLOW THROUGHOUT. RECOVERED 60' DRILLING MUD, 40' WATERY MUD. IHH 2728#; IFP 10-41#; ISIP 1637#; FFP 41-62#; FSIP 1616#; FHH 2685#; B.H.T. 110 DEGREES F. RAN D.S.T. #6 - 5125-54' -- 29' ANCHOR -- MISSISSIPPI. 30-45- 30-60. GAS TO SURFACE IN 6-MINUTES; 10-MINUTES 331 MCF; 15-MINUTES 194MCF	

## CITIES SERVICE COMPANY

## Daily Well History - Interim Report

INSTRUCTIONS: Interim Reports shall be completed and submitted with the Final Report for the well. Interim Reports are required for all drilling wells and may also be used for recording daily work on significant workovers. The description of work performed on Interim Reports should be a complete report of each days Drilling Activity. On significant wells the Tulsa Office may request Interim Reports as a sheet is filled out.

LEASE / UNIT NAME AND WELL NO.		REGION
Belcher A #1		Mid-Cont. North
COUNTY-PARISH-STATE-PROVINCE	FIELD OR PROSPECT NAME	WELL NUMBER
Comanche, KS	Nescatunga	9-1578091
DATE AND DEPTH	DESCRIPTION OF WORK PERFORMED	
10-18-77	DRILLING AT 3910' LIME. MUD WT. 9.5; VIS. 42; W.L. 10.8; CC; L.C.M. 1#. RAN D.S.T. #1 - 3600-3656' (56') STOTLER. 30-30-30-30. STRONG BLOW THROUGHOUT TEST. RECOVERED 930' SALT WATER. IHH 1829#; IFP 80-350#; ISIP 1303#; FFP 350-500#; FSIP 1293#; FHH 1829#; B.H.T. 105 DEGREES.	
10-19-77	TOTAL DEPTH 4099'. MUD WT. 9.5; VIS. 41; W.L. 12 CC; L.C.M. 2#. GOING IN HOLE FOR D.S.T. #2 - 4083-4099' (16' ANCHOR) LECOMPTON. SLOPE TEST: 4099' - ONE DEGREE.	
10-20-77	TOTAL DEPTH 4161'. MUD WT. 9.4; VIS 52; W.L. 15.6 CC; L.C.M. 2#. GETTING READY TO RUN D.S.T. #3 - 4102-4161' - 59' ANCHOR ELGIN SAND. RAN D.S.T. #2 - 4083-99' - 16' ANCHOR - LECOMPTON. 30-60-60-120. GAS TO SURFACE IN 10-MINUTES....250 MCF. SECOND OPENING STABILIZED FLOW 317 MCF. RECOVERED 80' DRILLING MUD. IHH 2062#; IFP 72-92#; ISIP 1544#; FFP 51-82#; FSIP 1544#; FHH 2052#; B.H.T. 94 DEGREES F. TOPS:   HERINGTON       2512'     - 408 WINFIELD       2581'     - 477 TOWANDA        2639'     - 535 WREFORD        2847'     - 743 WABUNSEE       3394'     -1290 LECOMPTON      4079'     -1975 ELIGIN SAND    4151'     -2047	
10-21-77	DRILLING 4285' LIME MUD WT. 9.5; VIS 44; W.L. 14.0 CC; L.C.M. 2½". RAN D.S.T. #3 - 4102-61' - 59' ANCHOR - ELGIN SAND. 30-30-15-60. FIRST OPENING WEAK TO DECREASING BLOW. RECOVERED 30' DRILLING MUD. IHH 2177#; IFP 51-51#; ISIP 82#; FFP 51-51#; FSIP 82#; FHH 2146#; B.H.T. 93 DEGREES F. GAS ANALYSIS ON LECOMPTON GAS....GROSS B.T.U. 985. SPECIFIC GRAVITY .6717. RECEIVED STATE CORPORATION COMMISSION 2-3-88 FEB 03 1988	