

KANSAS DRILLERS LOG

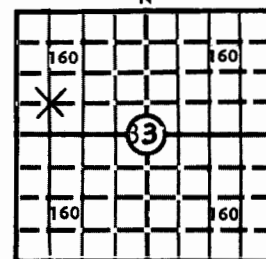
API No. 15 — 129 — 20307
County Number

S. 33 T. 34 R. 41 W

Loc. C SW NW

County Morton

640 Acres
N



Locate well correctly

Elev.: Gr. 3445

DF 3456 KB 3457

Operator

Cities Service Company

Address

3545 N. W. 58th Street, Oklahoma City, OK 73112

Well No.

1104

Lease Name

Wilburton Morrow C Sand Unit

Footage Location

1980 feet from (N) 75 line 660 feet from 75X (W) line

Principal Contractor

Lohmann-Johnson

Geologist

Spud Date

6-29-77

Total Depth

4994

P.B.T.D.

4945

Date Completed

7-24-77

Oil Purchaser

Cities Service Company

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#	1442	Common	700	600 sx 50/50 pozmix w/2% gel, 2% CaCl & 1/2# Flocele; 100 sx 60/40 pozmix w/3% CaCl & 1/2# Flocele.
Production	7-7/8"	5-1/2"	14#	4993	Common	225	50/50 pozmix w/18% salt, 2% gel, 1/2# Flocele & .08% CFR-

LINER RECORD None

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	.57 Jet	4880-4885
			2	.57 Jet	4887-4894
			2	.57 Jet	4896-4903

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
None	

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
7-22-77		Flowing			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	232 bbls.	118 MCF	0 bbls.	509 CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
To be sold			4880-4903		

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.

Operator Cities Service Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil
Well No. 1104	Lease Name Wilburton Morrow C Sand Unit	
S <u>33</u> T <u>34</u> R <u>41</u> ^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
Red Bed & Sand	0	878	Logging: Schlumber-Dual Induction Laterolog w/Linear Correlation Log, Compensated Neutron Formation Density. Welex Cement Bond & Collar Correlation Log.	
Red Bed & Anhydrite	878	986		
Sand	986	1,139		
Shale & Shells	1,139	1,207		
Red Bed & Anhydrite	1,207	1,443		
Shale	1,443	2,455		
Shale & Dolomite	2,455	2,610		
Dolomite	2,610	2,836		
Dolomite & Shale	2,836	3,038		
Dolomite	3,038	3,675		
Lime & Shale	3,675	4,288		
Lime	4,288	4,402		
Lime & Shale	4,042	4,994		
Total Depth		4,994		
PBTD		4,945		

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

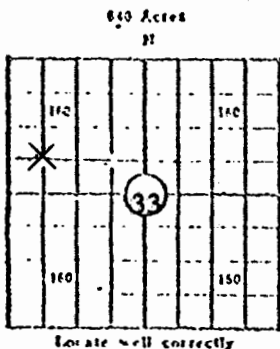
Date Received		W.A. Givens
	Signature	
	Engineering Manager	
	Title	
	July 28, 1977	
	Date	

KANSAS CORPORATION COMMISSION

33-34-41W

WELL RECORD

(Mail to Kansas Geological Survey, 4150 Monroe Street, Wichita, Kansas 67209)



Lease Name: Wilburton Morrow C Sd.Ut Well No. 1104
Well Located: C SW NW
SEC 33 TWP 34S RGE 41W
Operator: Cities Service Company
Address: 3545 N.W. 58th Street, Oklahoma City, Oklahoma 73112
Elevation: Ground 3445 D.F. 3456 K.B. 3457
Type Well: (Oil, gas, dry hole) Oil

Drilling Commenced: 6-29 19 77 Drilling Completed: 7-7 19 77
Well Completed: 7-24 19 77 Total Depth 4994
Initial Production: IPF 232 Bo & O BWPD, 118 MCFGPD

Casing Record

Size: 8-5/8 Set at 1442 Size: Set at
Size: 5-1/2 Set at 4993 Size: Set at

Liner Record NONE

Size: Set from To

Cementing

Casing Size	Sacks	Type Cement and Additives
<u>8-5/8</u>	<u>700</u>	<u>600 sx 50/50 pozmix w/2% gel, 2% CaCl & 1/2# Flocele;</u> <u>100 sx 60/40 pozmix w/3% CaCl & 1/4# Flocele</u>
<u>5-1/2"</u>	<u>225</u>	<u>50/50 Pozmix w/18% salt, 2% gel, 1/2# Flocele & .08% CFR-2</u>

Perforations

Formation	Perforated Interval and Number Shots
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<u>Morrow C</u>	<u>4880-4885 w/10</u>
<u>Morrow C</u>	<u>4887-4894 w/14</u>
<u>Morrow C</u>	<u>4896-4903 w/14</u>

Electric Log Run (Show type log and depths covered)

Logging: Schlumber Dual Induction Laterolog w/Linear Correlation Log, Compensated
Neutron Formation Density. Welex Cement Bond & Collar Correlation Log.

(Fill in formation and related information on reverse side)

33-34-41W

33-34-41W

FORMATION, TESTING AND COMPLETION RECORD

Show Drill Stem Tests,
Well Stimulation and
Production Tests

Formation	Top	Bottom	
Red Bed & Sand	0	878	NONE
Red Bed & Anhydrite	878	986	
Sand	986	1,139	
Shale & Shells	1,139	1,207	
Red Bed & Anhydrite	1,207	1,443	
Shale	1,443	2,455	
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Dolomite	3,038	3,675	
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