

11-28-2E<sup>PI</sup> JMD

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5447  
Name Cities Service Oil & Gas Corp  
Address 3545 N.W. 58th Street  
City/State/Zip Okla. City, Okla. 73112

Purchaser: None

Operator Contact Person Raymond Hui  
Phone (405) 949-4400

Contractor: License # 5108  
Name McAllister Drilling Company, Inc.

Wellsite Geologist  
Phone

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  Delayed Comp.  
 Gas  Inj  Other (Core, Water Supply)

If OWNED: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

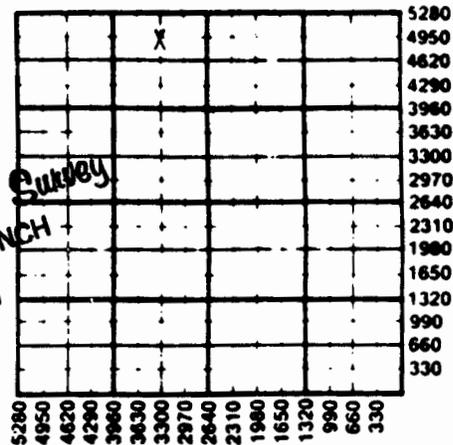
WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
6/15/85 6/24/85 7/11/85  
Spud Date Date Reached TD Completion Date  
3302'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 264 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set  
If alternate 2 completion, cement circulated from feet depth to w/ SX cm

APP NO. 15-015-22725  
County Butler  
N/2 NE NW Sec 11 Twp 28S Rge 4  East  West  
4950' Ft North from Southeast Corner of Section  
3300' Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)  
Lease Name Augusta Unit Well # 5-54D  
Field Name Augusta  
Disposal Arbuckle  
Producing Formation  
Elevation: Ground 1313' KB 1318'  
Section Plat

State Geological Survey  
WICHITA BRANCH  
RECEIVED  
CORPORATION COMMISSION  
AUG 20 1985  
AUG 19 1985  
CONSERVATION DIVISION  
Wichita, Kansas



WATER SUPPLY INFORMATION  
Disposition of Produced Water:  Disposal  Repressuring  
Docket #

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #  
 Groundwater.....Ft North from Southeast Corner (Well) .....Ft West from Southeast Corner of Sec Twp Rge  East  West  
 Surface Water.....Ft North from Southeast Corner (Stream, pond etc).....Ft West from Southeast Corner Sec Twp Rge  East  West  
 Other (explain) (purchased from city, R.W.O. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.  
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.  
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

SIDE TWO

11-28-AE

PL

Operator Name **Cities Service Oil & Gas Corporation** Lease Name **Augusta Unit** Well # **5-54D**

N/2 NE NW/4  
Sec. **11** Twp. **28S** Rge. **4**  East  West County **Butler**

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No

Formation Description  
 Log  Sample

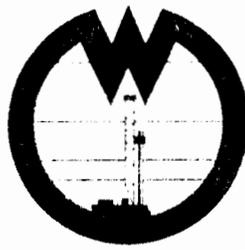
Ran Compensated Neutron, Gamma Ray, Dual Induction Focus Log, Mini Log

Top of cement: 1900'

Name	Top	Bottom
Lower Simpson Sand	2515'	
Arbuckle	2560'	
TD		3302'

AUG 20 1995  
State Geological Survey  
WICHITA BRANCH

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	13-3/4"	10-3/4"	40.5 #	264'	Class A	200	3% CaCl-2
Production	9-1/2"	7"	20#	2673'	Proxmix	160	2% gel, 10% sa
Tubing		4-1/2"	9.5#	2597'	Thixotropic		.75% CFR-2
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of each Interval Perforated			(Amount and Kind of Material Used)		Depth	
	OH. 2673-3302			Acidized OH. W/10.500 gal. 15%		2673-3302'	
TUBING RECORD							
Size	4-1/2"	Set At	2597'	Packer at	2600'	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
	Oil	Gas	Water	Gas-Oil Ratio	Gravity		



11-28-4E<sup>pl</sup>

# WHITE

AND ELLIS DRILLING, Inc.

## DRILLERS LOG

OPERATOR: Cities Service Oil Co.  
3545 N.W. 58th St.  
Oklahoma City, OK 73112

CONTRACTOR: White & Ellis Drilling, Inc., 401 E. Douglas, Suite 500,  
Wichita, Ks. 67202

Lease Name Augusta Unit Well No. #5-54D

Sec. 11 T. 28S R. 4E Spot N/2 NE NW

County Butler State Kansas Elevation \_\_\_\_\_

### Casing Record:

Surface: 10 3/4" @ 266' with 3# 200 SX.

Production: 7" @ 2673' with 2# 160 SX.

Type Well: Oil Well Total Depth 3300

Drilling Commenced 6-14-85 Drilling Completed 6-24-85

Formation	From	To	Tops
llar	0	7	Lansing -1817
Shale, Lime	7	1143	K. C. -2178
Lime, Shale	1143	1246	Kinderhook -2521
Shale, Lime	1246	1817	Simpson -2564
Lime	1817	1956	Arbuckle -2705
Shale, Lime	1956	2062	
Lime, Shale	2062	2178	
Lime	2178	2249	
Lime, Shale	2249	2521	
Shale	2521	2564	
Sand, Shale	2564	2705	
Lime	2705	3300	

JUL 16 1985  
State Geological Survey  
WICHITA BRANCH