

459

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15-.....081-20411-0000  
County.....Haskell  
N/2 SW/4 NE/4 5 29S 34 East  
.....Sec.....Twp.....Rge.....X West

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

3375..... Ft North from Southeast Corner of Section  
1980..... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Purchaser.....CITGO.....

Lease Name.....Hall K.....Well #.....9.....

Operator Contact Person.....Raymond Hui.....  
Phone.....(405) 949-4268.....

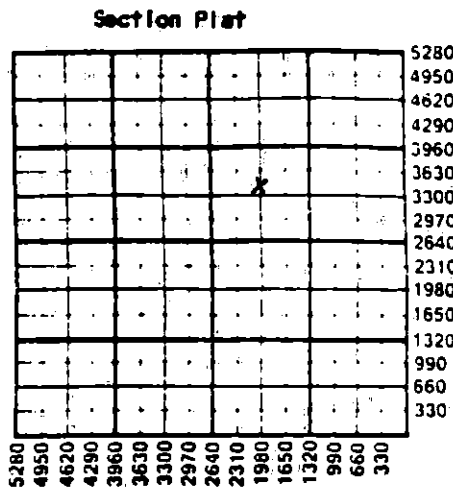
Field Name.....Eubanks.....  
Producing Formation.....Chester.....

Contractor: License # .....  
Name.....H-30 Drilling Company.....

Elevation: Ground.....3005'.....KB.....3017'.....

Wellsite Geologist.....Robert Vick.....  
Phone.....(405) 949-4400.....

Designate Type of Completion  
 New Well  Re-Entry  Workover



Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

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

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket #.....  Repressuring

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
8/22/87..... 9/3/87..... 10/28/87.....  
Spud Date Date Reached TD Completion Date  
5650'..... 5606'.....  
Total Depth PBTD

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

Source of Water:  
Division of Water Resources Permit #.....

Amount of Surface Pipe Set and Cemented at 1849' feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set DV Tool at 3128 feet  
If alternate 2 completion, cement circulated  
from.....feet depth to.....w/.....SX cmt  
Cement Company Name.....  
Invoice #.....

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.....  
(purchased from city, R.W.O. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature.....Del G. Oliver.....  
Title.....Special Projects Manager.....Date.....11/6/87.....

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Time Log Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

Subscribed and sworn to before me this 6 day of November 1987  
Notary Public.....Jeresa Jo Doweth.....  
Date Commission Expires.....4-24-89.....

RECEIVED  
STATE CORPORATION COMMISSION

Form ACO-1 (5-86)

NOV 18 1987

CONSERVATION DIVISION  
Wichita, Kansas

11-18-87

Operator Name **Cities Service Oil & Gas Corp.** Lease Name **Hall K** Well # **9**

Sec. **5** Twp. **29S** Rge. **34**  East  West County **Haskell**

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

Cored from 5378' to 5397' (19')

Ran Dual Induction - SFL w/SP & GR, Comp. Neutron - Lithodensity w/GR and Caliper & Microlog w/GR and Caliper.

Ran CBL/CCL/GR from 5606'-1538'

Name	Top	Bottom
Sand	0	1193
Cim. Anhy.	1193	1850
Lm. & Sh.	1850	5220
Chester	5220	5397
Lm. & Sh.	5397	5650
TD		5650
PBTD		5606

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
Conductor Pipe	32"	20"		30'	Redi-Mix	3 yds	
Surface	12 1/4"	8 5/8"	24#	1849'	Cl C Poz	675	6% gel, 2% Ca
Production	7 7/8"	5 1/2"	14#	5649'	Cl H Poz	450	6% gel, 1/4#sx
DV Tool at 3128'					Cl C Poz	525	12% salt, 3/4% H <sub>2</sub>
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	Chester 5373-5380' (squeezed)			200 gals. 10% Acetic acid		5373-5380'	
4	Chester 5356-76'			200 gals. 10% Acetic acid		5356-76'	
				2500 gals. 7 1/2% FE acid		5356-76'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
10/28/87		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
		11 Bbls	12.7 MCF	67 Bbls	1155 CFPB	42°	

METHOD OF COMPLETION

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed  Commingled

Production Interval

5356-76'