

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 CITGO Corporation

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

Contractor: License # 5302  
Name Red Tiger Drilling

Wellsite Geologist  
Phone

Designate Type of Completion

- New Well  Re-Entry  Workover
- Oil  SWD  Temp Abd
- Gas  Inj  Delayed Comp.
- Dry  Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

2-3-85 2-15-85 4-10-85  
Spud Date Date Reached TD Completion Date

.4636' .4509'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 302 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to w/SX cmt

API NO: 15-153-20591-00-00

County Rawlins

Sec. 24 Twp. 1S. Rge. 35  
 East  West

4950 Ft North from Southeast Corner of Section  
4950 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

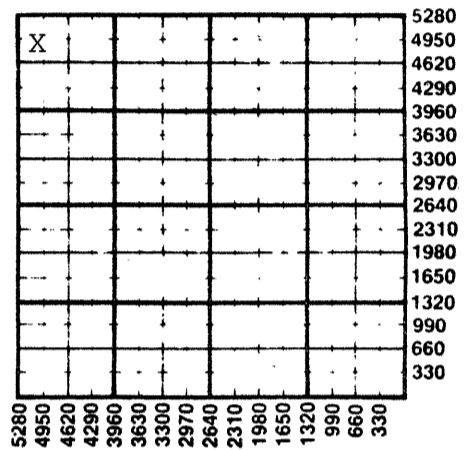
Lease Name Sis "A" Well # 1

Field Name Cahoi West

Producing Formation LKC

Elevation: Ground 3140' KB. 3145'

Section Plat



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 2500 Ft North from Southeast Corner (Stream, pond etc.) 800 Ft West from Southeast Corner Sec 26 Twp 1S Rge 35  East  West

Other (explain) Will Skolout, Atwood, KS... (purchased from city, R.W.D. #)

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.

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 Oliver *Delbert S. Oliver*

Title Engineering Manager Date 4-24-85

Subscribed and sworn to before me this 29 day of April 1985

Notary Public *Joyce S. Porter*

Date Commission Expires 6-12-88

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received

Distribution  
 KCF  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

*Rec'd 04-30-85*

*Sec 24 WPT 1 Rge 35 W*

**SIDE TWO**

Operator Name **Cities Service Oil & Gas Corporation** Lease Name **Sis "A"** Well # **1**  
 NW NW NW  
 Sec. **24** Twp. **18** Rge. **35**  East  West County **Rawlins**

**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

Top of Cement: 3450'  
 DST #1 4120-32' (12' Anchor)  
 Mis-run packer failure  
 DST #2 4075-4132' (57' Anchor)  
 LKC A&B Zones  
 30-60-30-60

Name	Top	Bottom
Native Mud	0	303'
Oread	3939	
Heebner	4005	
Lansing	4066	
LKC "C"	4168	
LKC "D"	4218	
LKC "E"	4257	

Set CIBG at 4509'  
 Ran Dual Induction & Densilog & Neutron Logs

TD: 4636'  
 PBTD: 4509'

**RECEIVED**  
 STATE CORPORATION COMMISSION

**APR 30 1985**

CONSERVATION DIVISION  
 Wichita, Kansas

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	12-1/4"	8-5/8"	24#	302'	Class A	250	3% cc 1/4# sx Floseal
Production	7-7/8"	5-1/2"	14#	4635'	50/50 Pozmix	190	10% salt & 3/4% Halad 322
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
Shots Per Foot	Specify Footage of Each Interval Perforated						
4	Cherokee 4526-30'			Acidized w/500 gals. 15% NE .4526-30'			
2	LKC "E/F" 4262-79' ; "D" 4225-30'			Acidized w/1000 gals. 15% MCA .4262-79' ; .4225-30'			
4	LKC "C" 4172-75'			Acidized w/1000 gals. 15% NE .4172-75'			
2	LKC "B" 4125-34'			Acidized w/1500 gals 15% NE 4125-34'			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production	Producing Method						
4-10-85	<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		
	18 Bbls	MCF	40 Bbls	CFPB			

**METHOD OF COMPLETION**

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

Production Interval  
 LKC "E/F" 4262-79'  
 LKC "D" 4225-30'  
 .....  
 LKC "C" 4172-75'  
 LKC "B" 4125-34'