

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 NW 58th Street  
Oklahoma City, Oklahoma  
City/State/Zip 73112

Purchaser None

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

Contractor: License #  
Name Raylin Drilling Company

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  
9/23/87 9/29/87 10/7/87  
Spud Date Date Reached TD Completion Date  
3739' --  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 322 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set DV Tool at 166 feet  
If alternate 2 completion, cement circulated from feet depth to w/SX cmt  
Cement Company Name  
Invoice #

API NO. 15-147-20502-00-00  
County Phillips  
SW SE NE Sec. 18 Twp. 5S Rge. 20 East West

3060 Ft North from Southeast Corner of Section  
1300 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

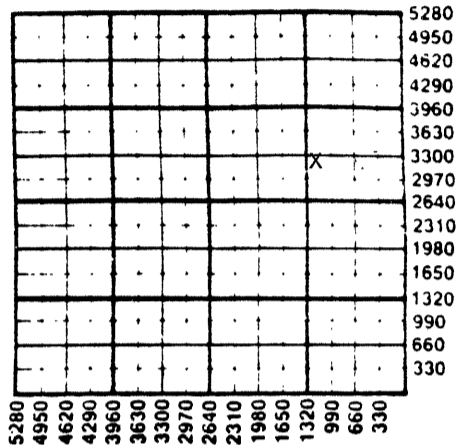
Lease Name Wiltrout A Well # 5 SWD

Field Name Ray

Producing Formation Arbuckle

Elevation: Ground 2041' KB 2046'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket #  Repressuring

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

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 11/3/87

Subscribed and sworn to before me this 3rd day of November 1987  
Notary Public Teresa J. Howeth  
Date Commission Expires 4-24-89

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

Rec'd 11-12-87

Operator Name Cities Service Oil & Gas Corp Lease Name Wiltout A Well # 5 SWD

Sec. 18 Twp. 5S Rge. 20  East  West County Phillips

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-Density w/Gamma Ray & Caliper.

Name	Top	Bottom
Native Mud	0	1603
Anhydrite	1603	1642
Native Mud	1642	3187
TD		3739

RECORDED  
 STATE CORPORATION COMMISSION

NOV 12 1967

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"	9 5/8"	36#	322'	Cl. A	200	3% Ca Cl 2
Production	8 3/4"	7"	23#	3557'	50/50 Poz Cl. A	100 50	2% gel + 10% salt *Pls refer below
DV Tool at 1661							
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 3557-3739'			Acidized w/50 gal 15% acid per foot.		3557-3739'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method				Disposal Well	
10/7/87		Injection		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (explain)			
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

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

Production Interval  
 3557-3739' (OH)

\*Casing Record (cont'd): 400 sxs of 60/40 Poz + 2% gel + 3/4 of 1% Halad 322.