

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-injection well

Operator Contact Person Raymond Hui  
Phone (405) 949-4432

Contractor: License # 5302  
Name Red Tiger Drilling Co

Wellsite Geologist  
Phone

Designate Type of Completion

X New Well Re-Entry Workover  
Oil SWD Temp Abd  
Gas X 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:

X Mud Rotary Air Rotary Cable

5/10/87 5/15/87 6/2/87  
Spud Date Date Reached TD Completion Date

3495' 3475'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 263 feet  
Multiple Stage Cementing Collar Used? X Yes No  
If yes, show depth set DV Tool at 1546 feet  
If alternate 2 completion, cement circulated from feet depth to w/SX cmt  
Cement Company Name  
Invoice #

API NO. 15-147-20500-00-00  
County Phillips  
SE NW SE Sec 25 Twp 4S Rge 20 East X West

1950 Ft North from Southeast Corner of Section  
1480 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

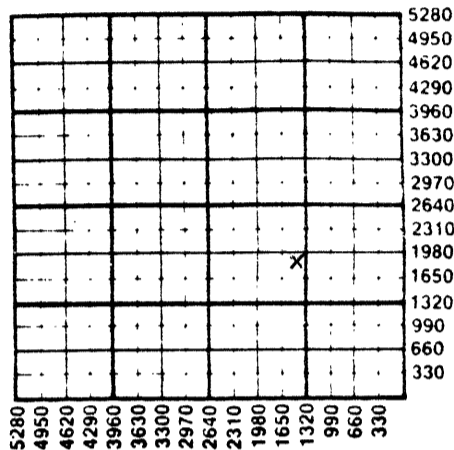
Lease Name Slinker Unit Well # 209W

Field Name Slinker

Injection LKC  
Producing Formation

Elevation: Ground 1970' KB 1975'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # X Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717  
Source of Water: Not Used  
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.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 Engineering Manager Date 6/3/87

Subscribed and sworn to before me this 3 day of June 1987

Notary Public Cheryl Fuller

Date Commission Expires January 8, 1990

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

Rec'd 6-4-87

Operator Name Cities Service Oil & Gas Corp Lease Name Slinker Unit Well # 209W

Sec. 25 Twp. 4 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 Wellex Acoustic Cement Bond Log

Name	Top	Bottom
Anhydrite	1492	1521'
TD		3495'
PBTD		3475'

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#	263'	Class A	200	2% CaCl <sub>2</sub> + 1 lb/sx Flo.
Production	7 7/8"	5 1/2"	14#	3494'	Hal. Lite	275	1 lb/sx Flo.
DV Tool at 1546'							
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	LKC "D" zone 3187-90'			Acidize "D" "F" & "I" zones		3187-3284'	
4	LKC "F" zone 3208-12'			w/ 1300 gal 15% NE acid			
4	LKC "I" zone 3278-84'						
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2 3/8"	3141'	3141'		(102 jts.)	
Date of First <del>Production</del> Injection	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (explain) Injection well						
Waiting on KCC's order							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval Injection

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

LKC "D" zone 3187-90'  
 LKC "F" zone 3208-12'  
 LKC "I" zone 3278-84'