

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 # 5398  
Name ARCO Oil Services Company  
A Division of Atlantic Richfield Company  
Address P. O. Box 521  
City/State/Zip Tulsa, Oklahoma 74102

Operator Contact Person S. R. Keasler  
Phone (405) 233 4862

Contractor: License # 5842  
Name Gabbert-Jones, Inc.

Wellsite Geologist Dan Claassen  
Phone (918) 588-8238

PURCHASER ARCO Petroleum Products  
P. O. Box 521, Tulsa, Ok 74102

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  
8-15-84 8-25-84 9-21-84  
Spud Date Date Reached TD Completion Date  
5600' 5554'  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 703 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. 15-025.20830.00.00  
County Clark  
SW NE NE Sec. 15 Twp. 34S Rge. 22  East  West

4055 Ft North from Southeast Corner of Section  
1280 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

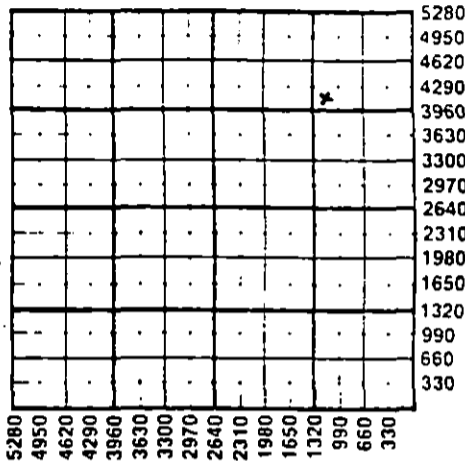
Lease Name Shurtleff Well # 2-15X

Field Name Snake Creek, West

Producing Formation Morrow

Elevation: Ground 1849' KB

Section Plat



WATER SUPPLY INFORMATION

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 4060 Ft North from Southeast Corner (Stream, pond etc) 5230 Ft West from Southeast Corner Sec 15 Twp 34S Rge 22  East  West  
 Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring  
Docket #  
(Shupe SWDS @ Buffalo, Okla.)

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 Carl W. Brown  
Title Opns Info Asst Date 9-25-84

Subscribed and sworn to before me this 25th day of September 1984

Notary Public Mavis Mallory  
Date Commission Expires July 22, 1986

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)

ARCO Oil and Gas Company  
 A Division of Atlantic Richfield Company  
 Operator Name ..... Lease Name Shurtleff Well # 2-15X SEC. 15 TWP. 34S RGE. 22  East  West

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

Name	Top	Bottom
Red bed	0	705
Red bed & shells	705	1225
Shale & shells	1225	1235
Shale	1235	1540
Shale & lime	1540	5226
Lime	5226	5343
Lime & shale	5343	5600

Lansing-K.C. 4440'  
 Marmaton 5030  
 Cherokee 5168  
 U. Morrow Sd 5428  
 Chester 5528

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	703'	HLW	400	
Production	7-7/8"	5-1/2"	15.5	5599'	Cl H	400	2% ca. cl 5% CF-10 + .5 CF-4 @ 15
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	5430 - 5434'			750 gals oil soluble acid		5430-34'	
TUBING RECORD							
Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
2-3/8"	5478'	-					
Date of First Production	Producing Method						
9-17-84	<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		
	44 Bbls	TSTM MCF	8 Bbls	-			

METHOD OF COMPLETION

Production Interval

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

5430 - 5434'