

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

SIDE ONE

1980' (L)

Operator: License # 3536  
 Name RAMCO Drilling Service, Inc.  
 Address P.O. Box 99  
 City/State/Zip Belton, OH 45714  
 Purchaser Texaco  
 Operator Contact Person David Gocke  
 Phone (614) 423-9591  
 Contractor: License # 5422  
 Name Abercrombie Drilling, Inc.  
 Wellsite Geologist Scott Alberg  
 Phone (316) 672-5729

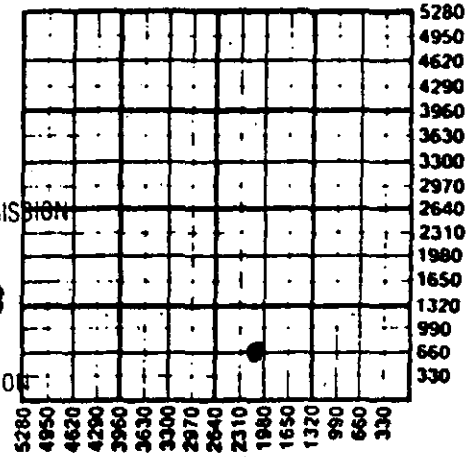
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SMD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)  
 If OWNED: old well Info as follows:  
 Operator  
 Well Name  
 Comp. Date Old Total Depth

**WELL HISTORY**

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
 Spud Date 8/04/88 Date Reached TD 8/14/88 Completion Date 8-17-88  
 Total Depth 4725' PBTD 4665'  
 Amount of Surface Pipe Set and Cemented at 1061 feet  
 Multiple Stage Cementing Collar Used? Yes  No  
 If yes, show depth set feet  
 If alternate 2 completion, cement circulated from feet depth to / SX cmt  
 Cement Company Name  
 Invoice #  
 AIT

API NO. 15-007-22,201-00-00  
 County Barber  
 50' W East  
 SW SE Sec 9 Twp 30S Rge 13 West  
 660 Ft North from Southeast Corner of Section  
 2330 Ft West from Southeast Corner of Section  
 (Note: Locate well in section plat below)  
 Lease Name John Lemon Well # 46C  
 Field Name Sawyer Lem  
 Producing Formation Viola  
 Elevation: Ground 1846 KB 1858

**Section Plat**



RECEIVED  
 STATE CORPORATION COMMISSION  
 SEP 26 1988

CONSERVATION DIVISION  
 Wichita, Kansas

**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... 1980 Ft North from Southeast Corner (Well) ... 2108 Ft West from Southeast Corner of Sec 9 Twp 30S Rge 13 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 [Signature]  
 Title V.P. Engr Date 9-21-88  
 Subscribed and sworn to before me this 21st day of September 1988  
 Notary Public James E. Blair  
 Date Commission Expires James E. Blair, Notary Public  
 State of West Virginia  
 My Commission Expires April 7, 1994

**K.C.C. OFFICE USE ONLY**

Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received

**Distribution**

KCC  SMD/Rep  NGPA  
 KGS  Plug  Other  
 (Specify)

9-26-88  
 Form ACO-1 (5-86)

Sec. 9 Twp 30 Rge 13

Operator Name ..... RAMCO Drilling Service, Inc. .... Lease Name..... John Lemon..... Well #..... 4-C

Sec..... 9..... Twp..... 30S..... Rge..... 13.....  East  West County..... Barber.....

RELEASED

MAR 07 1990

WELL LOG

FROM CONFIDENTIAL

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	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
DST #1 - 4435-4458', 30-30-30-30 IHP - 2119, IFP - 19, FFP - 19, SIP - 77, FHP - 2119; Temp. 125°. Rec. 10' MUD.			Name                      Top                      Bottom
			Heebner                      3736
			Toronto                      3756
			Douglas Shale              3775
			Brown Lime                3922
			Lansing                    3938
			B/Kansas City            4340
			Marmaton                 4349
			Mississippian            4440
			Viola                      4527
			Simpson Shale            4587
			Arbuckle                 4677
			Total Depth              4724
DST #2 - 4552-4585', 30-60-45-90 IHP - 2215, IFP - 39, FFP - 97 SIP - 1449, FHP - 2215, Temp. 129°. Rec. 95' free oil, 250' mud cut oil. On second opening - gas to surface in 24 min. Rates at 25 min. - 18.5 MCFD; @ 35 min. - 17.1 MCFD; @ 40 min. - 15.7 MCFD; @ 45 min. - 14.3 MCFD.			

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	17 1/2"	13-3/8"	48#	140'	60/40 20% Class A	150	2% gel, 3% cc, 1/2# Flocele.
Surface	12 1/2"	8-5/8"	24#	1066'	Howco Lite	300/200	3% cc, 1/2# Flocele.
Production	7-7/8"	5 1/2"	15.5	4710'	Howco Lite	50/100	2% # Flocele, 2% gel, 3% cc, 10% salt, 1% halad
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	4558-4566'			Acid - 250 gal, 7 1/2% FF, 750 gal, 15% HF, 100 gal, 3% FF, Frac - 120 sks, 20/40, 50 sks		4558-66'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
8/27/88		<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	
46 Bbls			MCF	58 Bbls	CFPB		

METHOD OF COMPLETION                      Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 4558-4566'  
 Used on Lease

Dually Completed  
 Completed  
 8/27/88