

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 # 3536  
Name RAMCO Drilling Services, Inc.  
Address P.O. Box 99  
City/State/Zip Belpre, OH 45714

Purchaser Texaco

Operator Contact Person John David Gocke  
Phone (614) 423-9591

Contractor: License # 5380  
Name Eagle Drilling Company

Wellsite Geologist W. 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 OWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
6/25/88 7/4/88 7/13/88  
Spud Date Date Reached TD Completion Date  
4730' 4677'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1001 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  
Cement Company Name Halliburton  
Invoice #

API NO. 15-007-22, 19A-00-00  
County Barber  
50' W of  
NW SE Sec. 9 Twp 30S Rge 13 East West

1980 Ft North from Southeast Corner of Section  
2030 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

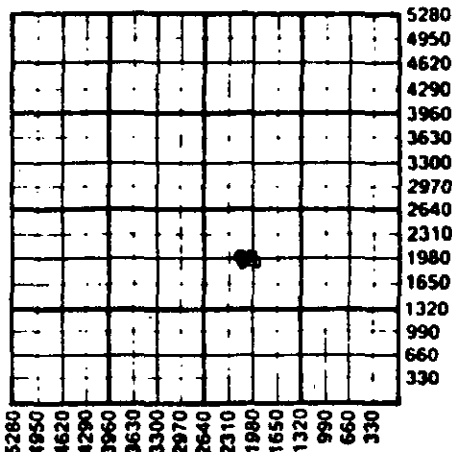
Lease Name John Lemon Well # 3-C

Field Name Sawyer Lem

Producing Formation Viola

Elevation: Ground 1845 KB 1858

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION

AUG - 5 1988

CONSERVATION DIVISION  
Wichita, Kansas

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 1980 Ft North from Southeast Corner  
(Well) 2100 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

Title VP/ENGR Date 8/1/88

Subscribed and sworn to before me this 1st day of Aug 1988

Notary Public Jo Ann Watson

Date Commission Expires 1-20-91

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Time Log Received  
Distribution  
 KCC  SMD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)  
8-6-88

Jo Ann Watson, Notary Public,  
State of Ohio, My Commission  
Expires January 20, 1991.

SIDE TWO

Operator Name ..... RAMCO Drilling Services, Inc. Lease Name..... John Lemon..... Well #..... 3-C.....  
 Sec. 9 Twp. 30S Rge. 13 County Barber MAR 05 1990

RELEASED  
 MAR 05 1990

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

County Barber

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  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

DST #1 - 4380-4416', 30-60-45-90  
 IHP - 2269, IFP - 55-55, FFP - 55-65,  
 SIP - 351, FHP - 2269, Temp. 114°  
 Rec. 65' MUD.

DST #2 - 4425-51', 30-30-30-30  
 IHP - 2288, IFP - 28-46, FFP - 46-55,  
 SIP - 92, FHP - 2288, Temp. 114°  
 Rec. 60' MUD w/specks of oil.

DST #3 - 4542-70', 30-60-45-90  
 IHP - 2390, IFP - 46-74, FFP 65-120,  
 SIP - 1360, FHP - 2325, Temp. 116°  
 Rec. 30' free oil, 270' HO&GCM

Name	Formation Description	
	Top	Bottom
Heebner	3736	
Toronto	3754	
Douglas Shale	3776	
Brown Lime	3924	
Lansing	3940	
B/KC	4338	
Mississippian	4438	
Viola	4523	
Simpson Shale	4585	
Arbuckle	4680	

CASING RECORD  New  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	24"	20"	94#	90'	Grout	9 yds.	
Surface	12"	8-5/8"	24#	1001'	hwco lite	300/200	2% gel 3% cc
Production	7-7/8"	5 1/2"	15.5#	4719'	hwco lite	50/100	1# Flocele, 10% salt, Halad 322, 1# Flocele

PERFORATION RECORD  
 Shots Per Foot Specify Footage of Each Interval Perforated  
 Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

2	4544-54'	ACID	150 gal. 7 1/2% FE, 1000 gal. 15% HF	4544-54'
			50 gal. 3% GE	
		ERAC	120 sks. 20/40, 50 sks.	
			12/20 & 29,000 gal. prepad, pad, gelled water and flush.	

TUBING RECORD  
 Size 2-3/8" Set At 4546' Packer at ---  
 Liner Run  Yes  No

Date of First Production 7/14/88  
 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
28 Bbls		MCF	10 Bbls	CFPB	

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 4544-54'  
 Used on Lease  Dually Completed  Commingled

Handwritten notes and stamps at the bottom of the page.