

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

API NO. 15-007-22,183-00-00
County Barber
50' E SW/4 SW/4 Sec 9 30S Rge 13W East
..... Ft North from Southeast Corner of Section
..... Ft West from Southeast Corner of Section

Operator: License # 3536
Name Ramco Drilling Services, Inc.
Address Box 99
City/State/Zip Belpre, Ohio 45714

660
4570
(Note: Locate well in section plat below)

Purchaser INLAND PURCHASING

Lease Name John Lemon Well # 4-A

Operator Contact Person Bob Williamson
Phone 614-423-9591

Field Name Lem

Contractor: License # 5302
Name Red Tiger Drilling Company

Producing Formation Viola

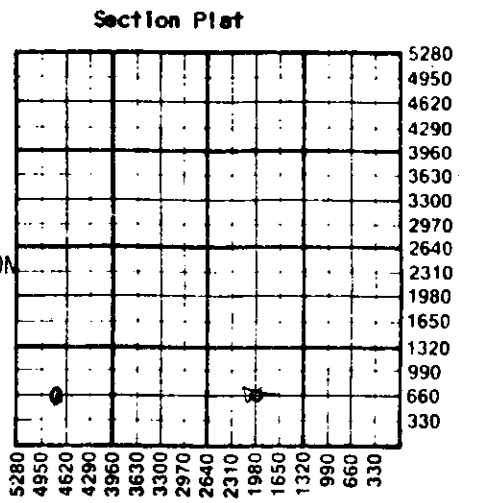
Wellsite Geologist Scott Alberg
Phone (316) 672-5729

Elevation: Ground 1840' 1845' KB

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

RECEIVED
STATE CORPORATION COMMISSION
6-13-88
JUN 13 1988
CONSERVATION DIVISION
Wichita, Kansas

If ONMO: old well Info as follows:
Operator
Well Name
Comp. Date Old Total Depth



WELL HISTORY
Drilling Method: Mud Rotary Air Rotary Cable
3/10/88 3/20/88 3/21/88
Spud Date Date Reached TD Completion Date
4,730'
Total Depth PBTD 13 3/8" @ 106.85
8 5/8" @ 1063.97
Amount of Surface Pipe Set and Cemented at
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set
If alternate 2 completion, cement circulated from
Cement Company Name
Invoice #
A1-I

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 # T88-138
 Groundwater, 700
(Well) 4500 Ft North from Southeast Corner
..... 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 Vice President/Engineering Date 6-6-88

Subscribed and sworn to before me this 6th day of June
1988
Notary Public [Signature]
Date Commission Expires 1-20-91

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

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)
6-13-88
Form ACO-1 (5-86)

Sec. 9 Twp 30S Rge 13W

Operator Name **Ranco Drilling Services, Inc.** Lease Name **John Lemon** Well # **4-A**

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

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

DST #1 - 4373-4401 30-30-30-60 IHP: 2174;
 FHP: 2123; IFP: 31-51; FFP: 51-51; ICIP: 72;
 FCIP: 62; Recovered: 30' Mud; Temp. 105°.

DST #2 - 4423-4448 30-60-30-60 IHP: 2278;
 FHP: 2154; IFP: 41-51; FFP: 51-51; ICIP: 123'
 FCIP: 82; Recovered: 30' Mud - Sl. show of oil;
 Temp. 115°.

DST #3 - 4539-4567 30-60-45-90 IHP: 2247;
 FHP: 2268; IFP: 82-154; FFP: 164-256; ICIP: 1474;
 FCIP: 1443; Recovered: 434' CGO, 248' HO&GCM.

Name	Top	Bottom
Heebner	3726	
Toronto	3741	
Douglas Shale	3768	
Brown Lime	3908	
Lansing	3926	
B/KC	4325	
Mississippi	4435	
Viola	4521	
Simpson Shale	4584	
Arbuckle	4672	
R.T.D.	4730	

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#	115'	40/60 Poz	100	3%CC, 2% Gel
Surface	12 1/4"	8 5/8"	23#	1072.57'	Lite	300	2% Gel
Production	7 7/8"	5 1/2"	15.5#	4722'	40/60 Poz	200	2% Gel, 3%CC, 18% Salt 10#
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 Shot/ft	4540'-4550'			500 gals 15% PE D.S.			
				172 sx 20/40 75 sx 12/20 Sand			
				23,000 gals Crosslink Gel			
TUBING RECORD		Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2-3/8	4525'				
Date of First Production		Producing Method					
04/11/88		<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	
65		3 (Est.)	5	---	31°		
		Bbls	MCF	Bbls	CFPB		

Gilson

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 4540'-4550'
 Used on Lease Dually Completed
 Commingled

Expire January 20, 1991
 State of Oklahoma
 Natural Resources