

ORIGINAL

SIDE ONE

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

Operator: License # 03137
Name: Daniel M. Leonard
Address P. O. Box 1718
Fort Worth, TX 76101-1718

Purchaser: Koch
Operator Contact Person: Daniel M. Leonard
Phone (817) 335-4261

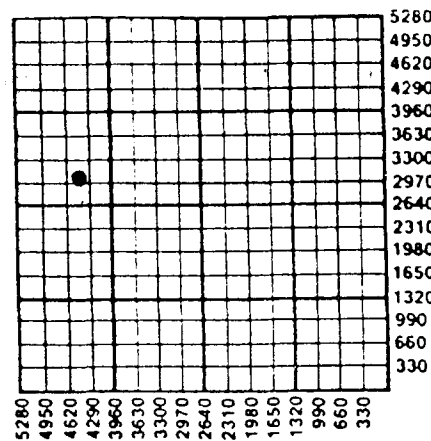
Contractor: Name: Darnall Drilling
License: 6281
Wellsite Geologist: Daniel T. Johnson FEB 25 1991

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

If OWMO: old well info as follows:
Operator: Daniel M. Leonard
Well Name: Williams
Comp. Date 10-29-88 Old Total Depth 1,863'

Drilling Method:
 Mud Rotary Air Rotary Cable
12-15-90 12-18-90 1-11-91
Spud Date Date Reached TD Completion Date

API NO. 15- 019-25, 772-A
County Chautauqua
SW NW Sec. 11 Twp. 35S Rge. 11 East West
2,989 Ft. North from Southeast Corner of Section
4,305 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Williams Well # 1
Field Name Peru-Sedan
Producing Formation Wayside
Elevation: Ground 882' KB
Total Depth 1,243' PBD 1,237'



3-7-91

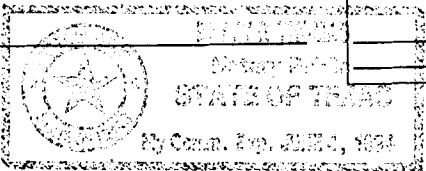
Amount of Surface Pipe Set and Cemented at 40' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1252
feet depth to 0 w/ 175 sx cmt.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Daniel M. Leonard
Title Operator Date 2-20-91
Subscribed and sworn to before me this 20th day of February,
19 91.
Notary Public Kelly K. Thomas
Date Commission Expires 6-4-94

K.C.C. OFFICE USE ONLY			
F	<input type="checkbox"/>	Letter of Confidentiality Attached	
C	<input checked="" type="checkbox"/>	Wireline Log Received	
C	<input type="checkbox"/>	Drillers Timelog Received	
Distribution			
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other
(Specify)			



SIDE TWO

Operator Name Daniel M. Leonard Lease Name Williams Well # 1
 Sec. 11 Twp. 35S Rge. 11 East West
 County Chautauqua

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
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Formation Description			
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample	
Name	Top	Bottom	
Lenapah Ls	1,080'	-	1,100'
Wayside Sd	1,102'	-	42'
Altamont Ls	1,168'	-	1,202'

CASING RECORD <input type="checkbox"/> New <input checked="" 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	10-1/8"	7"	24	40'	Portland	30	
Production	6-1/4"	4.5"	10.5	1,237'	Portland	175	

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1	1,103.5' - 40'	Acidized w/750 gal. 15% acid; fraced w/5,000# 12-30 sand & 45,000# 10-20 sand	

TUBING RECORD Size 2-3/8" Set At 1,100 Packer At N/A Liner Run Yes No

Date of First Production 2-15-91 Producing Method Flowing Pumping Gas Lift Other (Explain)
 Estimated Production Per 24 Hours: Oil 43 Bbls. Gas -0- Mcf Water 100 Bbls. Gas-Oil Ratio _____ Gravity 32°

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____

Date <u>12-15-90</u>	Customer's Acct. No. <u>4813</u>	Sec. <u>11</u>	Twp. <u>38</u>	Range <u>116</u>	Well No. & Farm <u>W-103 #1</u>	Place or Destination <u>Wichita Falls</u>
Charge To <u>Derrick at Well</u>				Owner <u>CG</u>		County <u>CG</u>
Mailing Address <u>PO Box 1116</u>				Contractor		State <u>KS</u>
City & State <u>FT WORTH TX 76101</u>				Well Owner Operator Contractor		

CEMENTING SERVICE DATA

TYPE OF JOB		CASING		HOLE DATA		PLUGS AND HEAD		PRESSURE		CEMENT LEFT IN CASING	
Surface		New		Bore Size	<u>6 3/8</u>	Bottom	<u>15 w</u>	Circulating	<u>300'</u>	Requested	
Production	<input checked="" type="checkbox"/>	Used	<input checked="" type="checkbox"/>	Total Depth	<u>1260</u>	Top		Minimum	<u>200'</u>	Necessity	
Squeeze		Size	<u>4 1/2</u>	Cable Tool		Head	<u>75'</u>	Maximum	<u>750'</u>	Measured	
Pumping		Weight		Rotary	<u>1100</u>	FLOAT EQUIPMENT		Sacks Cement	<u>175 SCS</u>		
Other		Depth	<u>1252'</u>					Type & Brand	<u>W. S. ...</u>		
		Type						Admixes	<u>...</u>		

FRACTURING - ACIDIZING SERVICE DATA

Type of Job	At Intervals of					
Bbls Fracturing Fluid	Breakdown Pressure from		psi to		psi	
Treating Pressures: Maximum	psi	Minimum	psi	Avg. Pump Rate	GPM/BPM	Close In
Sand	Gals. Treating Acid		Type		Open Hole Diameter	
Well Treating Through: Tubing	Casing	Annulus		Size	Weight	
Remarks:						
No. Perforations	Pay Formation Name			Depth of Job	Ft.	

CEMENTING

INVOICE SECTION

FRACTURING - ACIDIZING

Office Use	Office Use	Office Use	Office Use	Office Use	Office Use
Pumping Charge	Pumping Charge	Pumping Charge	Pumping Charge	Pumping Charge	Pumping Charge
175 Sacks Bulk Cement @	12x30 Sand @				
Ton Mileage on Bulk Cement @	10x20 Sand @				
630 Premium Gel @	x Sand @				
Flo-Seal @	Ton Mileage @				
Calcium Chloride @	Gals., Acid @				
Plug @	Chemicals @				
Equipment @	Potassium Chloride @				
	Rock Salt @				
	Water Gel @				
Transport Truck (Hrs.) @	Transport Truck (Hrs.) @				
Vac Truck (Hrs.) @	Vac Truck (Hrs.) @				

REMOVED
 STATE COMMISSION
 MAR 1 1991

A Finance Charge computed at 1 1/4% per month (annual percentage rate of 21%) will be added to balance over 30 days.

Total \$ 4

Total \$