

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 # 5181  
Name Donald C. Slawson  
Address Suite 700, 20 N. Broadway  
City/State/Zip Oklahoma City, OK 73102

Purchaser Northern Natural Gas; Inland  
Purchasing and Transportation

Operator Contact Person D. G. Wilson  
Phone (405) 232-0201

Contractor: License # 5657  
Name Slawson Drilling Company

Wellsite Geologist Ed Heshner  
Phone (806) 374-5256

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc)

If ONWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

9/23/85 10/9/85 11/23/85  
Spud Date Date Reached TD Completion Date

6,500 6,301'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1543 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  
Invoice #

API NO. 15-175-20-878-00-00

County Seward

C-NW NW NW Sec. 3 Twp. 34S Rge. 33 East X West

4950 Ft North from Southeast Corner of Section  
4950 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

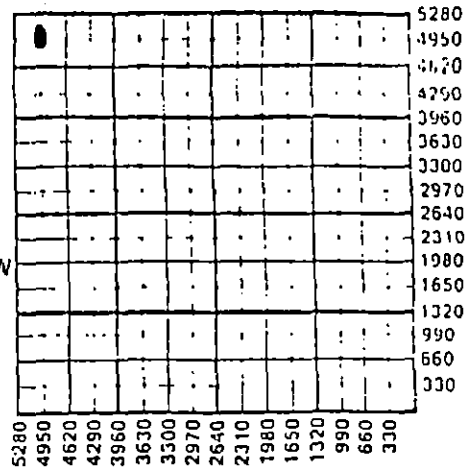
Lease Name Farmer Well # 1-3

Field Name Evelyn - Condit

Producing Formation Chester/St. Louis

Elevations: Ground 2842' KB 2848'

Section Plat



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.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
Sec Twp Rge 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.O. #)

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 Daniel G. Wilson  
Title Division Engineer Date 10/19/87

Subscribed and sworn to before me this 19th day of October 1987

Notary Public. Gina L. Hawthorne

Date Commission Expires 5/7/88

K.C.C. OFFICE USE ONLY

F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rap  NGPA  
 KGS  Plug  Other  
(Specify)

7-29-88  
Form ACO-1 (5-86)

Sec. 34 Rge. 33

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
Herrington	2614	
Krider	2640	
Winfield	2738	
Council Grove	3066	
Heebner	4310	
Toronto	4332	
Lansing	4456	
Kansas City	4754	
Marmaton	5166	
Cherokee	5351	
Morrow	5725	
Chester	5944	
St. Genevieve	6270	
St. Louis	6374	

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
Surface	11	8-5/8	24	1543	Poz	550	2% gel, 3% CC, 1/4#/sk flo cele
Production	7-7/8	4-1/2	10.5	6499	Cl H	425	3% CC, 18% salt, 2% CFR-2

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

3	6,411' - 6,416' St. Louis	1000 gals 15% FE HCL
2	6,035' - 6,046' Chester	8000 gals gelled 20% FE HCL
	**RBP at 6,301'**	2500 gals 15% HCL

TUBING RECORD  
 Size 2-3/8" Set At 5,949 Packer at 5,949' Liner Run  Yes  No

Date of First Production 1/8/87 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	water	Gas-Oil Ratio	Gravity
	4 Bbls	948 MCF	3 Bbls	237,000:1	45

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  Sold  Other (Specify) ..... 6,035' - 46  
 Used on Lease  Dually Completed  Comingled