

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 # 5135  
Name John O. Farmer, Inc.  
Address P.O. Box 352  
City/State/Zip Russell, KS 67665

Purchaser

Operator Contact Person Sam Farmer  
Phone (913)-483-3144

Contractor: License # 8241  
Name Emphasis Oil Operations

Wellsite Geologist Roger Welty  
Phone (913)-674-5835

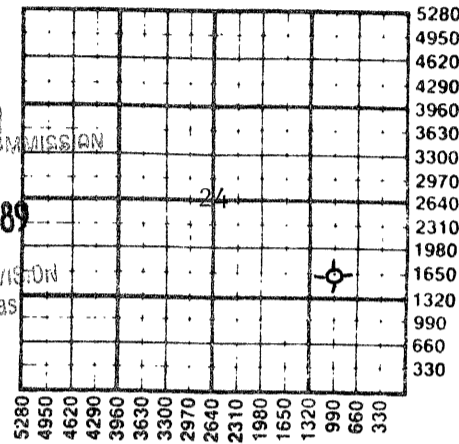
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)  
If OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
5/1/89 Spud Date 5/6/89 Date Reached TD 5-6-89 Completion Date  
3793' Total Depth PBTD  
Amount of Surface Pipe Set and Cemented at 230 feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from 230 feet depth to surface 150 feet  
Cement Company Name Allied Cementing Co., Inc.  
Invoice # 53929  
A 1-11 DPA

API NO. 15-039-20-851-0000  
County Decatur  
SW NE SE Sec. 24 Twp. 3S Rge. 27 East West  
1650 Ft North from Southeast Corner of Section  
990 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)  
Lease Name Heilman Well # 1  
Field Name (Wildcat)  
Producing Formation  
Elevation: Ground 2620' KB 2625'

Section Plat



STATE CORPORATION COMMISSION  
MAY 11 1989  
CONSERVATION DIVISION  
Wichita, Kansas  
5-11-89

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 200 Ft North from Southeast Corner (Stream, pond etc) 600 Ft West from Southeast Corner Sec 17 Twp 4S Rge 26 East  West  
Other (explain) (purchased from city, R.W.D. #)

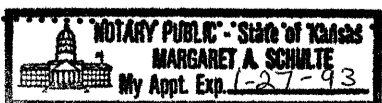
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 John O. Farmer III  
Title Vice-president Date 5-10-89

Subscribed and sworn to before me this 10th day of May, 1989  
Notary Public Margaret A. Schulte  
Margaret A. Schulte

Date Commission Expires



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)  
5-11-89  
Form ACO-1 (5-86)

Sec 24 Twp 3S Rge 27E

**SIDE TWO**

Operator Name John O. Farmer, Inc. Lease Name Heilman Well # 1

Sec. 24 Twp. 3S Rge. 27W  East  West County Decatur

**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

Anhydrite	2183'	(+442)
Base/Anhy.	2217'	(+408)
Heebner	3536'	(-911)
Toronto	3566'	(-941)
Lansing	3579'	(-954)
Base/LKC	3776'	(-1151)
R.T.D.	3793'	(-1168)

\*COPY OF 5-8-89 DRILLERS LOG ATTACHED.

DST #1 3587-3609'  
 Tool open 30-45-30-30 - 30 min. weak blow, 1st open  
 No blow on 2nd open  
 Tool slid 5' to bottom  
 Rec: 2' heavy oilcut mud  
       4' clean oil  
       Clean oil on top of tool  
 IFP: 1866-1776  
 SIP: 218-111  
 FP: 52-52  
 FFP: 54-56  
 BH Temp. - 108°

DST #2 3607-3630'  
 Tool open 30-30-30-30 - weak blow  
 Rec: 5' mud w/specks of oil  
 SIP: 138-90  
 IFP: 18-18  
 FFP: 18-18  
 FSIP: 163

CASING RECORD <input 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
Surface	12-1/4"	8-5/8"		230'	60-40 Pozmix	150	2% gel, 3% C.C.
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input 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		
	Bbls	MCF	Bbls	CFPB			

**METHOD OF COMPLETION**                      Production Interval

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