

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

9/20/11
Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 5135
Name: John O. Farmer, Inc.
Address: P.O. Box 352
City/State/Zip: Russell, KS 67665
Purchaser: NCRA
Operator Contact Person: Marge Schulte
Phone: (785) 483-3145, Ext. 214
Contractor: Name: WW Drilling, LLC
License: 33575
Wellsite Geologist: Steven P. Murphy

Designate Type of Completion:
____ New Well ____ Re-Entry Workover
____ Oil ____ SWD ____ SLOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: John O. Farmer, Inc.
Well Name: Farrell "C" #1

Original Comp. Date: 10-27-08 Original Total Depth: 4060'
____ Deepening Re-perf. ____ Conv. to Enhr./SWD
____ Plug Back ____ Plug Back Total Depth
____ Commingled Docket No. ____
____ Dual Completion Docket No. ____
____ Other (SWD or Enhr.?) Docket No. ____

7-6-09 9-30-08 7-8-09
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 065-23,477-00-01
County: Graham
SW SW NE SW Sec. 27 Twp. 9 S. R. 22 East West
1550 feet from S / N (circle one) Line of Section
1620 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Farrell "C" Well #: 1

Field Name: Ironclad Field
Producing Formation: Lansing "D", "H", "K" & Lansing "C"

Elevation: Ground: 2370' Kelly Bushing: 2375'
Total Depth: 4060' Plug Back Total Depth: 4036'

Amount of Surface Pipe Set and Cemented at 217 Feet
Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 4058
feet depth to surface w/ 420 sx cmt.

Drilling Fluid Management Plan WDNS 10-10-09
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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 geologist well report 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.

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.

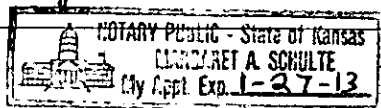
Signature: John O. Farmer III

Title: President Date: 8-13-09

Subscribed and sworn to before me this 13th day of August
20 09.

Notary Public: Margaret A. Schulte

Date Commission Expires: _____



KCC Office-Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: John O. Farmer, Inc. Lease Name: Farrell "C" Well #: 1
 Sec. 27 Twp. 9 S. R. 22 East West County: Graham

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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)

List All E. Logs Run:

Dual Compensated Porosity Log, Dual Induction Log, Microresistivity Log, Dual Receiver Cement Bond Log (THESE LOGS WERE ALREADY SENT TO KCC 1-20-09)

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	1871'	(+504)
Topeka	3344'	(-969)
Heebner Shale	3563'	(-1188)
Toronto	3584'	(-1209)
Lansing	3600'	(-1225)
Stark Shale	3788'	(-1413)
Base/KC	3825'	(-1450)
Arbuckle	3965'	(-1590)

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
Surface	12-1/4"	8-5/8"	23#	217'	Common	150	3% C.C., 2% gel
Production	7-7/8"	5-1/2"	14#	4058'	SMD	420	cemented top to bottom, cement circulated to surface

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF	3656-3660' (Lansing "D")	1000 gals. of 15% NE over perforations ("D", "H", & "K" zones)	
4 SPF	3738-3742' (Lansing "H")		
4 SPF	3798-3802' (Lansing "K")		
4 SPF	3638-3642' (Lansing "C") NEW ZONE	500 gals. of 15% NE over perforations ("C" zone)	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8"	4030'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First <u>Resumed Production</u> SWD or Enhr.	Producing Method
7-8-09	<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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	19.32		43.68		38.0°

Disposition of Gas: Vented Sold Used on Lease (If vented, Submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 3638-3802' OA
 Production Interval: Other (Specify)