CONFIDENTIAL

ORIGINAL

FORM MUST BE TYPED

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 # 5135
Name: John O. Farmer, Inc.
Address P.O. Box 352

City/State/Zip Russell, KS 67665

Purchaser: NCRA

Operator Contact Person: John O. Farmer IV
Phone (785) 483-3144

Contractor: Name: Discovery Drilling Co., Inc.
License: 31548
Wellsite Geologist: Matt Dreiling

Designate Type of Completion
X New Well ____ Re-Entry ____ Workover

X Oil ____ SWD ____ SIOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info. as follows:

Operator:
Well Name:
Comp. Date ____ Old Total Depth ____

____ Deepening ____ Re-perf. ____ Conv. to Inj/SWD
____ Plug Back ____ PBTD
____ Commingled Docket No.
____ Dual Completion Docket No.
____ Other (SWD or Inj?) Docket No.

8-27-04 Spud Date
9-1-04 Date Reached TD
9-28-04 Completion Date

API NO. 15- 167-23,267-00-00

County Russell
100' North & 20' East of E
SW - SW - NE - C Sec. 23 Twp. 15S Rge. 13 X W

2540 Feet from S (N) (circle one) Line of Section
2620 Feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(NE) SE NW or SW (circle one)

Lease Name Berrick Unit Well # 1
Field Name Trapp
Producing Formation Lansing "A" "G" "H" "J"

Elevation: Ground 1802' KB 1810'
Total Depth 3338' PBTD 3314'

Amount of Surface Pipe Set and Cemented at 219 Feet

Multiple Stage Cementing Collar Used? X Yes ____ No
If yes, show depth set 768 Feet

If Alternate II completion, cement circulated from 768
feet depth to surface w/ 150 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content 12,000 ppm Fluid volume 320 bbls
Dewatering method used allow to dry by evaporation

Location of fluid disposal if hauled offsite:

Operator Name NA

Lease Name ____ License No. ____

____ Quarter Sec. ____ Twp. ____ S Rng. ____ E/W

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 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 geologist well report shall be atached 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
John O. Farmer III
Title President Date 11-24-04

Subscribed and sworn to before me this 24th day of November, 20 04.

Notary Public Margaret A. Schulte
Margaret A. Schulte

Date Commission Expires ____

NOTARY PUBLIC - State of Kansas
MARGARET A. SCHULTE
My Appt. Exp. 1-27-05

K.C.C. OFFICE USE ONLY
F ✓ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ✓ Geologist Report Received
Distribution
____ KCC ____ SWD/Rep ____ NGPA
____ KGS ____ Plug ____ Other (Specify)

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Form ACO-1 (7-91)

SIDE TWO

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

☐ East
Sec. 23 Twp. 15S Rge. 13 ☒ West County Russell

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

List All E.Logs Run:
Dual Compensated Porosity Log, Dual Induction Log, Microresistivity Log, Dual Receiver Cement Bond Log

☒ Log ☐ Sample — Formation (Top), Depth and Datums

Name	Top	Datum
Anhydrite	760'	(+1050)
Tarkio	2399'	(-589)
Topeka	2675'	(-865)
Heebner	2910'	(-1100)
Toronto	2924'	(-1114)
Brown Limestone	2988'	(-1178)
Lansing	3000'	(-1190)
Stark	3186'	(-1376)
Base/KC	3240'	(-1430)
Arbuckle	3278	(-1468)
L.T.D.	3339'	(-1529)

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	12-1/4"	8-5/8"	23#	219'	Common	150	3% CC, 2% gel
Production	7-7/8"	5-1/2"	14#	3337'	ASC	185	2% gel, 500 gal. WFR-2, 3/4% CD-31
			Port Collar	768'	60/40 Poznix	150	6% gel, 1/4# flosea

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate					
___ Protect Casing					
___ Plug Back TD					
___ 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	3002-3175' OA	4500 gals. 15% NE acid	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8"	3310'		☐ Yes ☒ No

Date of First, Resumed Production, SWD or Inj.	Producing Method
October 17, 2004	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	10.90		29.50		38.5°

Disposition of Gas:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION
☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled.
☐ Other (Specify) _____

Production Interval
3002-3175' OA

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KANSAS CORPORATION COMMISSION
JUN 14 2007
CONSERVATION DIVISION