CONFIDENTIAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5135	API No. 15 - 167-23,486-00-01				
Name: John O. Farmer, Inc.	Spot Description:				
Address 1: P.O. Box 352	SW_SW_NE_SE_Sec36_Twp13_S. R13_ ☐ East ✔ West				
Address 2:	1,640 Feet from North / South Line of Section				
City: Russell State: KS Zip: 67665 + 0 3 5 2	1,000 Feet from Feet from Saturation				
Contact Person: Marge Schulte	Footages Calculated from Nearest Outside Section Corner:				
Phone: (785) 483-3145, Ext. 214	□ NE □ NW ☑ SE □ SW				
24540	County: Russell				
Name: Discovery Drilling Company, Inc. MAY 1 7 2013	Lease Name: Shaffer "A" Well #: 1				
Wellsite Geologist: Brad J. Hutchison	Field Name: Bunker Hill West				
Purchaser: NCRA KCC	Producing Formation: Lansing "B" & "C"				
Designate Type of Completion:	Elevation: Ground: 1859' Kelly Bushing: 1867'				
New Well Re-Entry ✓ Workover	Total Depth: 3415' Plug Back Total Depth: 3389'				
✓ Oii ☐ wsw ☐ swb ☐ slow	Amount of Surface Pipe Set and Cemented at: 435 Feet				
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Multiple Stage Cementing Collar Used? Yes No				
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set:Feet				
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from: 3688				
Cathodic Other (Core, Expl., etc.):	surface 370				
If Workover/Re-entry: Old Well Info as follows:	feet depth to:w/ sx cmt.				
Operator: John O. Farmer, inc.					
Well Name: Shaffer #1	Orilling Fluid Management Plan (Data must be collected from the Reserve Pit)				
Original Comp. Date: 3-21-08 Original Total Depth: 3415'	Chloride content: 16,000 ppm Fluid volume: 240 bbls				
☐ Deepening	Chloride content: 16,000 ppm Fluid volume: 240 bbls Dewatering method used: evaporation				
	Location of fluid disposal if hauled offsite:				
Commingled Permit #:	Operator Name:				
Dual Completion Permit #:	Lease Name: License #:				
SWD Permit #:	QuarterSecTwpS. RFast West				
CINITA PERMIL#:	County: Permit #: East Veest				
_ CON FRINK#.	County Fermit #				
3-18-11 3-24-11 Spud Date or Date Reached TD Completion Date or					
Recompletion Date Recompletion Date					
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover or conv of side two of this form will be held confidential for a period of 12 months if requestiality in excess of 12 months). One copy of all wireline logs and geologist well represented by the submit CP-4 form with all plugged wells. Submit CP-111 form	version of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information sted in writing and submitted with the form (see rule 82-3-107 for confidence or shall be attached with this form. ALL CEMENTING TICKETS MUST				
AFFIDAVIT	KCC Office Use ONLY RECEIVED				
I am the affiant and I hereby certify that all requirements of the statutes, rules and regi	III-				
lations promulgated to regulate the oil and gas industry have been fully complied wi	ith Letter of Confidentiality Received MAY 18, 2011				
and the statements herein are complete and correct to the best of my knowledge.	Confidential Release Date:				
Signature: H. Farms III	☐ Wireline Log Received ☐ Geologist Report Received				
Title: Date: 5-17-11	Olic Distribution ALT DI II III Approved by: Date: 5-17-1				

Side Two

Operator Name:	John O. Farmer, Inc.		Lease	Name: _	Shaffer "A"		Well #:1				
Sec. 36 Twp. 13	s. R. <u>13</u>	☐ East	County	County: Russell		sell					
time tool open and cle	osed, flowing and shues if gas to surface to	nd base of formations pout- ut-in pressures, whether est, along with final char It well site report.	shut-in pres	sure rea	ched static level,	hydrostatic pre	ssures, bottom l	hole temp	erature, fluid		
Drill Stem Tests Taken (Attach Additional Sheets) ✓ Yes No			⊘ L	og Formatio	n (Top), Depth	th and Datum S		Sample			
		✓ Yes No	Name Anhydrite				Top 794'		Datum -1073)		
Cores Taken		Yes 🗹 No	✓ No		a	na industrial	2718'		851)		
		✓ Yes	Haabs				2946'		1079)		
	Electric Log Submitted Electronically				* 2				•		
(If no, Submit Copy)			Toront						1098)		
List All E. Logs Run:				Lansii	ng 📜 👍		3014'	•	1147)		
Dual Compensated Port Compensated Sonic Log	osity Log, Dual Induction g, Dual Receiver Cemen	n Log, Microresistivity Log, E nt Bond Log (DST'S, E-LOG	Sorehole S,	Base/	KC		3295'		(-1428)		
GEOLOGICAL REPOR	T SUBMITTED ON 5-22	-08 AFTER ORIGINAL CO	MPLETION)	Arbuc	:kle		3360'	(-	1493)		
		CASIN Report all strings se	G RECORD	✓ No urface, into		ion, etc.					
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Wei Lbs.		Setting Depth	Type of Cement	# Sacks Used		Type and Percent Additives		
Surface	12-1/4"	8-5/8"	23#		435'	Common	200	3% C.C., 2% gel		3% C.C., 2% gel	
Production	7-7/8" 5-1/2" 14# 34		3411'	EA-2	150						
		ADDITION	AL CEMENTI	ING / SQL	JEEZE RECORD]					
Purpose: Perforate	Depth Top Bottom	Type of Cement # Sacks			Type and Percent Additives						
Protect Casing Plug Back TD Plug Off Zone		1									
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	3046-52' (Lansing "C")				500 gals. 15% NE						
4 SPF	3033-38' (Lansing "B") (ZONE PERFORATED 3-21-				-11) 500 gals. 15% NE						
	}										
TUBING RECORD:	Size: 2-7/8"	Set At: 3385'	Packer /	At:	Liner Run:	Yes 📝	No				
Date of First Resumed 3-24-11	Production SWD or El	NHR. Producing M	tethod: Pumpi	ng [Gas Lift []	Other (Explain) —					
Estimated Production Per 24 Hours	Oil 45.00	Bbls. Gas	Mcf	Wa	ter E trace	lbis.	Gas-Oil Ratio		Gravity 38.1°		
DISPOSIT	DISPOSITION OF GAS: METHOD C				OMPLETION: PRODUCTION INTERVAL:						
Vented Sold Used on Lease Open Hole				Duail	ly Comp. 📝 Co	mmingled		3033-38' (Lansing "B")			
(If vented, Submit ACO-18.)				(Submit ACO-5) (Submit ACO-4)							