

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 33884
 Name: High Bluff Operating LLC
 Address: 730 17th #520
 City/State/Zip: Denver CO 80202
 Purchaser: Duke Energy
 Operator Contact Person: Jamie Brown
 Phone: (303) 295-2223
 Contractor: Name: Val Energy
 License: 5822
 Wellsite Geologist: Mike Rice
 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: _____
 Well Name: _____
 Original Comp. Date: _____ Original Total Depth: _____
 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. _____

<u>5-21-2005</u>	<u>6-02-2005</u>	<u>7-01-2005</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 - 15025212920000
 County: Clark
 s/c nw4 sw4 se4 Sec. 14 Twp. 25 S. R. 25 East West
400' feet from (S) N (circle one) Line of Section
1320 feet from (E) W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE (SE) NW SW
 Lease Name: Cauther Well #: 3
 Field Name: McKinney
 Producing Formation: Chester
 Elevation: Ground: 2030' Kelly Bushing: 2039'
 Total Depth: 5850' Plug Back Total Depth: 5850'
 Amount of Surface Pipe Set and Cemented at 685 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from _____
 feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content N/A ppm Fluid volume _____ bbls
 Dewatering method used Evaporation
 Location of fluid disposal if hauled offsite:
 Operator Name: Wolfcreek Enterprises
 Lease Name: Harper Farm #1 License No.: OTC #15717
 Quarter _____ Sec. 28 Twp. 25 S. R. 25 East West
 County: Harper Docket No.: OTC #15717

Alt 1 - Dig - 4/22/09

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: [Signature]
 Title: President, High Bluff Operating Date: September 20, 2005
 Subscribed and sworn to before me this 20th day of September,
2005
 Notary Public: Brian P. Brown
 Date Commission Expires: 4-12-2009

KCC Office Use ONLY

N/D Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

X

Operator Name: High Bluff Operating LLC Lease Name: Cauther Well #: 3
 Sec. 14 Twp. 35 S. R. 25 East West County: Clark

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Chester	5608	-3569
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Morrow	5563	-3524
List All E. Logs Run:		CHerokee	5348	3309
Neutron Density, Dual Induction log		Marmaton	5147	-3108
Micro log		Hogshooter	5090	-3051
		Lansing	4491	-2452
		Hebner	4306	-2267

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"	24#	685	Class A	250	3%Cacl,2% gel
							1/4# Flo-Seal
Casing		4.5"	10.5#	5740'	Color	265	asc+5#, .8% fl-160

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
2	5680-5688 and 5664-5674	1500 gals. 15%HCL	
		50 ball sealers	

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TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	5550'			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
8-01-2005			<input checked="" type="checkbox"/> Flowing <input 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	
	0	250 mcf	10 BBLS.			

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify) _____

January 23, 2006

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Re: Cauthers #3
Section 14-T34S-R25W
Clark County, Kansas
Attachment to Well Completion Form (ACO-1)

On June 5, 2005 while logging the captioned well, the Rosel Company of Liberal, Oklahoma pulled hard enough on their wireline to pull out of the rope socket at the top of the logging tool. The tool dropped to the bottom of the hole at a depth of 5856'.

The logging tools were fished out but a 'density pad' apparently broke off the tool and remained at the bottom of the hole. After attempts to fish the pad were made, and in consultation with the Kansas Department of Health and Environment, production casing was run to a depth of 5710' with an impenetrable sub attached to the bottom of the casing as well as a deflection device to prevent deepening out the end of the casing. Further, the hole above the density pad from 5856' to 5710' was filled with dyed cement. A sign with the appropriate warnings is being attached to the wellhead noting the circumstances.

Due to the foregoing; This Well Should not be Deepened. While it would be practically impossible to do so, deepening of this well and drilling out the end of the production casing could result in the drilling of a radioactive 'density pad' from an open hole logging tool.

High Bluff Operating LLC
January, 2006