

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 33884
Name: High Bluff Operating LLC
Address 1: 730 17th St. #700
Address 2: _____
City: Denver State: CO Zip: 80202
Contact Person: Mr. Jamie K. Brown
Phone: (303) 295-2223
CONTRACTOR: License # 34127
Name: TomCat Drilling LLC
Wellsite Geologist: Mike Rice
Purchaser: NCRA & DCP Midstream

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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 Conv. to SWD
 Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>4-27-10</u>	<u>5-9-10</u>	<u>5-24-10</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-119-21240-00-00

Spot Description: _____
S2 S2 SW Sec. 27 Twp. 33 S. R. 26 East West

330 Feet from North / South Line of Section
1320 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Meade

Lease Name: Sheetz Well #: 1-27

Field Name: McKinney

Producing Formation: Marmaton

Elevation: Ground: 2287' Kelly Bushing: 2295'

Total Depth: 5900' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 1292 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: TD

feet depth to: Surface w/ 450 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: N/A ppm Fluid volume: 240 bbls

Dewatering method used: Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

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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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: MANAGING MEMBER Date: 10-20-2010

KCC Office Use ONLY

Letter of Confidentiality Received

Date: _____

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: Dlg Date: 11/2/10

Operator Name: High Bluff Operating LLC Lease Name: Sheetz Well #: 1-27
 Sec. 27 Twp. 33 S. R. 26 East West County: Meade

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction, Neutron Density	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Chester</td> <td>5730'</td> <td>3435'</td> </tr> <tr> <td>Morrow</td> <td>5678'</td> <td>3380'</td> </tr> <tr> <td>Fort Scott</td> <td>5358'</td> <td>3063'</td> </tr> <tr> <td>Pawnee</td> <td>5294'</td> <td>2999'</td> </tr> <tr> <td>Marmaton</td> <td>5270'</td> <td>2975'</td> </tr> </tbody> </table>	Name	Top	Datum	Chester	5730'	3435'	Morrow	5678'	3380'	Fort Scott	5358'	3063'	Pawnee	5294'	2999'	Marmaton	5270'	2975'
Name	Top	Datum																	
Chester	5730'	3435'																	
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Pawnee	5294'	2999'																	
Marmaton	5270'	2975'																	

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		8 5/8"	23#	1292'	Class A	450	3% Cal
Prod. casing	7 7/8"	4 1/2"	10.5#	5898'	Class A	350	1/4# Flo Seal

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 <i>(Amount and Kind of Material Used)</i>	Depth
2 SPF	5274-5286'	1000 Gal 15% Acid	
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TUBING RECORD:	Size: 2 3/8"	Set At: 5290'	Packer At: N/A	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No KCC WICHITA
Date of First, Resumed Production, SWD or ENHR. 6-21-2010		Producing Method: <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. 12	Gas Mcf 1	Water Bbls. 6	Gas-Oil Ratio N/A
				Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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ALLIED CEMENTING CO., LLC. 30740

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Liberal K.S.

DATE <u>4-20-10</u>	SEC. <u>27</u>	TWP. <u>33S</u>	RANGE <u>26W</u>	CALLED OUT	ON LOCATION	JOB START <u>4:30 PM</u>	JOB FINISH <u>5:30 PM</u>
LEASE <u>Shelton Trust</u>	WELL # <u>1-27</u>	LOCATION <u>Vec at Fowler K.S.</u>			COUNTY <u>Meade</u>	STATE <u>KS.</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Koda Services

TYPE OF JOB Conductor

HOLE SIZE _____ T.D. 134

CASING SIZE 20 DEPTH 135

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 46

OWNER High Bluff operating

CEMENT
AMOUNT ORDERED 600^{SK} Common
A Class 3% LL

COMMON	<u>600</u>	@	<u>15.45</u>	<u>9270.⁰⁰</u>
POZMIX		@		
GEL		@		
CHLORIDE	<u>20</u>	@	<u>58.20</u>	<u>1164.⁰⁰</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>620</u>	@	<u>2.40</u>	<u>1488.⁰⁰</u>
MILEAGE				<u>1860.⁰⁰</u>
				<u>TOTAL 13782.⁰⁰</u>

EQUIPMENT

TRUCK CEMENTER Kenny

366 HELPER Cesar

BULK TRUCK

#457-239 DRIVER Mark C

BULK TRUCK

#470-467 DRIVER

REMARKS:
THANK YOU!!!

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1018.⁰⁰</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>30</u>	@	<u>7.00</u> <u>210.⁰⁰</u>
MANIFOLD		@	
		@	
		@	

CHARGE TO: High Bluff

STREET _____

CITY _____ STATE _____ ZIP _____

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TOTAL 1228.⁰⁰

KCC WICHITA
PLUG & FLOAT EQUIPMENT

N/A

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Liberal KS.

DATE <u>4.28.10</u>	SEC. <u>27</u>	TWP. <u>33S</u>	RANGE <u>26W</u>	CALLED OUT	ON LOCATION	JOB START <u>12:30PM</u>	JOB FINISH <u>1:30PM</u>
EASE <u>Sheetz Trust</u>		WELL # <u>1-27</u>	LOCATION <u>Vec Fowler KS.</u>			COUNTY <u>Mead</u>	STATE <u>KS.</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Tom Cat Drilling

TYPE OF JOB Surface

BOLE SIZE 12 1/4 T.D. 1305

CASING SIZE 8 5/8 DEPTH 1292.18

TUBING SIZE DEPTH

DRILL PIPE DEPTH

COOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 42.41

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 80 BBL H₂O

OWNER _____

CEMENT

AMOUNT ORDERED 300^{SK} Class 3%CC

2% Metso Beads 2% Gyp 1/4# Floseal

150^{SK} Class A 3%CC

COMMON	<u>450</u>	@	<u>15.45</u>	<u>6952.50</u>
POZMIX		@		
GEL		@		
CHLORIDE	<u>1lb</u>	@	<u>58.20</u>	<u>931.20</u>
ASC		@		
<u>Cypseal</u>	<u>6</u>	@	<u>29.20</u>	<u>175.20</u>
<u>Sodium Metasilicate</u>	<u>564</u>	@	<u>2.45</u>	<u>1381.80</u>
<u>Floseal</u>	<u>150</u>	@	<u>2.50</u>	<u>375.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>489</u>	@	<u>2.40</u>	<u>1173.60</u>
MILEAGE				<u>1467.00</u>
TOTAL				<u>12456.30</u>

EQUIPMENT

PUMP TRUCK CEMENTER Kenny

366 HELPER Cesar

BULK TRUCK

251 DRIVER Ron

BULK TRUCK

DRIVER

REMARKS:
THANK YOU!!!

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1018.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>30</u>	@	<u>7.00</u> <u>210.00</u>
MANIFOLD	<u>1</u>	@	<u>113</u> <u>113.00</u>
Footage	<u>1000.00</u>	@	<u>.85</u> <u>850.00</u>
		@	

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TOTAL 2191.00

KCC WICHITA & FLOAT EQUIPMENT

<u>AFU Insect</u>	<u>1</u>	@	<u>158</u>	<u>158.00</u>
<u>Centralizers</u>	<u>3</u>	@	<u>49</u>	<u>147.00</u>
<u>Basket</u>	<u>1</u>	@	<u>221</u>	<u>221.00</u>
<u>Guide Shoe</u>	<u>1</u>	@	<u>258</u>	<u>258.00</u>

TOTAL 858.00

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment
under the direction and supervision of owner agent or
contractor. I have read and understand the "GENERAL

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Liberal K-S.

DATE <u>5.10.10</u> <u>Sheetz</u>	SEC. <u>27</u>	TWP. <u>33</u>	RANGE <u>26W</u>	CALLED OUT	ON LOCATION	JOB START <u>2:30 PM</u>	JOB FINISH <u>3:30 PM</u>
LEASE <u>Trust</u>	WELL # <u>1-27</u>	LOCATION <u>Vcc Fowler K-S.</u>			COUNTY <u>Mead</u>	STATE <u>K-S.</u>	
OLD OR NEW (Circle one)							

CONTRACTOR TOM CAT

TYPE OF JOB Production

HOLE SIZE 7 7/8 T.D. 5900

CASING SIZE 4 1/2 DEPTH 5896

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 13.55

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 91 BBL

EQUIPMENT

PUMP TRUCK CEMENTER Kenny

366 HELPER Cesar

BULK TRUCK

457-239 DRIVER Tony

BULK TRUCK

DRIVER

REMARKS:

THANK YOU!!!

OWNER

CEMENT

AMOUNT ORDERED 200^{SK} ASC 2% gel 6%
Op 10% Salt 5# Kalseal 5 FI-160
150^{SK} 65/35/6 500 gel WFR-11

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC <u>200</u>	@	<u>18.60</u>	<u>3720.00</u>
<u>Light + weight 150</u>	@	<u>14.80</u>	<u>2220.00</u>
<u>Kalseal 1000</u>	@	<u>.89</u>	<u>890.00</u>
<u>FL-160 94</u>	@	<u>13.30</u>	<u>1250.20</u>
<u>WFR-11 500</u>	@	<u>1.27</u>	<u>635.00</u>
HANDLING <u>418</u>	@	<u>2.40</u>	<u>1,003.20</u>
MILEAGE			<u>1,254.00</u>
TOTAL			<u>10,972.40</u>

SERVICE

DEPTH OF JOB		<u>5900</u>
PUMP TRUCK CHARGE		<u>2451.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>30</u>	@	<u>7.00 210.00</u>
MANIFOLD <u>1</u>	@	<u>113 113.00</u>
RECEIVED		
<u>OCT 21 2010</u>		
TOTAL		<u>2,774.00</u>

KCC WICHITA

PLUG & FLOATEQUIPMENT

<u>Float Shoe</u>	<u>1</u>	@	<u>206</u>	<u>206.00</u>
<u>Latch Down</u>	<u>1</u>	@	<u>144</u>	<u>144.00</u>
<u>Centralizer</u>	<u>12</u>	@	<u>32</u>	<u>384.00</u>
<u>Basket</u>	<u>1</u>	@	<u>147</u>	<u>147.00</u>
<u>Port Collar</u>	<u>1</u>	@	<u>1673</u>	<u>1673.00</u>

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was