

CONFIDENTIAL

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

10/15/11

OPERATOR: License # 34225
Name: Buffalo Resources, LLC
Address 1: 301 Commerce Street, Suite 1380
Address 2:
City: Fort Worth State: TX Zip: 76102 +
Contact Person: Matthew Flanery
Phone: (817) 870-2707
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Dave Barker
Purchaser: NCRA

KCC
OCT 15 2010
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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 #:

9/10/2010	9/16/2010	9/23/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 167-23662-00-00
Spot Description: _____
NW NE SE NE Sec. 7 Twp. 14 S. R. 11 East West
1,330 Feet from North / South Line of Section
500 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Russell
Lease Name: Buffalo Well #: 1-7
Field Name: Dorrance
Producing Formation: Lansing
Elevation: Ground: 1745' Kelly Bushing: 1753'
Total Depth: 3270' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 482 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 crnt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 52,000 ppm Fluid volume: 1000 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 #: _____

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: Matthew Flanery
Title: Member Date: 10/15/2010

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KCC Office Use ONLY

- Letter of Confidentiality Received
Date: 10/15/10 - 10/15/11
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NJ Date: 10-26-10

Operator Name: Buffalo Resources, LLC Lease Name: Buffalo Well #: 1-7
 Sec. 7 Twp. 14 S. R. 11 East West County: Russell

KCC

OCT 15 2010

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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 checked="" type="checkbox"/> Yes <input 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 type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction Log Micro Log Compensated Neutron/Density Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th style="width:15%;">Top</th> <th style="width:15%;">Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner SH</td> <td>2768'</td> <td>-1015'</td> </tr> <tr> <td>Toronto</td> <td>2788'</td> <td>-1035'</td> </tr> <tr> <td>Brown LS</td> <td>2851'</td> <td>-1098</td> </tr> <tr> <td>Arbuckle</td> <td>3204'</td> <td>-1451</td> </tr> </tbody> </table>	Name	Top	Datum	Heebner SH	2768'	-1015'	Toronto	2788'	-1035'	Brown LS	2851'	-1098	Arbuckle	3204'	-1451
Name	Top	Datum														
Heebner SH	2768'	-1015'														
Toronto	2788'	-1035'														
Brown LS	2851'	-1098														
Arbuckle	3204'	-1451														

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#	482'	60/40 Poz	225	3%cc 2%gel
Production	7 7/8	5 1/2	15.50#	3263'	ASC	150	10%Salt 2%gel
Tubing		2 3/8	4.7#	2936'			

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
4spf	2886'-2894'	750 gal. 15% MA	2886'-2894'

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>2936'</u> Packer At: <u>None</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>10/7/2010</u>		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. <u>85</u>	Gas Mcf <u>0.00</u>	Water Bbls. <u>0.00</u>
Gas-Oil Ratio <u>100% Oil</u>		Gravity <u>44</u>	

DISPOSITION OF GAS: <input checked="" type="checkbox"/> Vented <input 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: <u>2886'-2894'</u>
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KCC WICHITA

ALLIED CEMENTING CO., LLC. 036826

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

KCC

SERVICE POINT:
Great Bend KS

OCT 15 2010

DATE <u>9-10-10</u>	SEC. <u>7</u>	TWP. <u>14S</u>	RANGE <u>11 W</u>	CALLED OUT <u>CONFIDENTIAL</u>	ON LOCATION	JOB START <u>9:00</u>	JOB FINISH <u>9:30 PM</u>
LEASE <u>Buffalo</u>	WELL# <u>1-7</u>	LOCATION <u>Dorree 1/2 south 1/2 East</u>			COUNTY <u>Russell</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			North into				

CONTRACTOR Dukes
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 482
 CASING SIZE 8 3/4 DEPTH 482
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 42.20
 PERFS. _____
 DISPLACEMENT 28 BBHs
 EQUIPMENT _____
 PUMP TRUCK CEMENTER Wayne - D
 # 181 HELPER Wayne - D
 BULK TRUCK _____
 # 344 DRIVER Bill
 BULK TRUCK _____
 # _____ DRIVER _____

OWNER Buffalo Res
 CEMENT
 AMOUNT ORDERED 225 SK 60/40 3% GEL
 2% GEL
 COMMON 135 @ 13.50 1822.50
 POZMIX 90 @ 7.55 679.50
 GEL 4 @ 20.25 81.00
 CHLORIDE 7 @ 51.50 360.50
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 125 @ 2.25 281.25
 MILEAGE 110 SK/mi 300.00
 TOTAL 3524.75

REMARKS:

Pipe on Bottom Break
Circulation with Rig mud
Mix 225 SK 60/40 3% GEL 2%
Shut Down Release Plug
Displace 28 BBHs Fresh
water, cement did
Circulate wash up
Rig Down

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 996.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 15 @ 7.00 105.00
 MANIFOLD _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL 1096.00

CHARGE TO: Buffalo Res
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____ @ _____
1 Rubber Plug @ 56.00
2 Centralizers @ 49.00 98.00
1 Baffle Plate @ 158.00
 _____ @ _____
 TOTAL 312.00

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 done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Steve H Stephens
 SIGNATURE Steve H Stephens

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS _____

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 OCT 19 2010
 WICHITA

ALLIED CEMENTING CO., LLC. 041945

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

KCC
OCT 15 2010

SERVICE POINT:

Russell Ks

DATE <u>9-17-10</u>	SEC. <u>7</u>	TWP. <u>14</u>	RANGE <u>11</u>	CONFIDENTIAL	ON LOCATION	JOB START <u>2:30 AM</u>	JOB FINISH <u>3:00 AM</u>
LEASE <u>Buffalo</u>	WELL # <u>1-7</u>	LOCATION <u>DORRANCE Ks. 1/2N 1/2E 1/4W</u>			COUNTY <u>Russell</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Duke Delg. Rig #8
 TYPE OF JOB PRODUCTION STRING
 HOLE SIZE 7 1/8 T.D. 3270'
 CASING SIZE 5 1/2 DEPTH 3263'
~~TESTING-SIZE~~ LATCH DN. Plug DEPTH @ 3230'
 DRILL PIPE DEPTH
 TOOL PORT COLLAR @ DEPTH 612
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 42.50
 CEMENT LEFT IN CSG. 42.50

OWNER
 CEMENT 195 SX/ASC. 10% SALT
 AMOUNT ORDERED ~~150 SX~~ 2% GEL
500 GAL WFR-2

PERFS.
 DISPLACEMENT 76 3/4 / BBL

COMMON	@		
POZMIX	@		
GEL	<u>3</u>	@	<u>20.25 60.75</u>
CHLORIDE	@		
ASC	<u>195</u>	@	<u>16.70 3256.50</u>
	@		
	@		
<u>Salt</u>	<u>8</u>	@	<u>21.25 170.00</u>
	@		
<u>WFR-2</u>	<u>500</u>	@	<u>1.10 550.00</u>
	@		
	@		
HANDLING	<u>97</u>	@	<u>2.25 218.25</u>
MILEAGE	<u>110.514/mile</u>		<u>300.00</u>
			TOTAL <u>4555.50</u>

EQUIPMENT

PUMP TRUCK CEMENTER Glenn
 # 398 HELPER John
 BULK TRUCK
 # 378 DRIVER Daniel TWS
 BULK TRUCK
 # DRIVER

REMARKS:

Ran 77 JTS 15.50H CSG. Set @ 3262'
Load CSG, & received CIRCULATION, CIRC.
1 HR, on bottom. Plug RAT, mouse,
Pumped 500 GAL WFR-2 mud FLUSH, &
Cement w/ 150 SX ASC. Clear Line, Displace
LATCH DN. Plug, w/ 77 BBL WATER, LAND @ 1500'
30 SX @ Patchole (Held)
15 SX @ mouse Hdr THANK'S

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1957.00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>15</u>	@	<u>7.00 105.00</u>
MANIFOLD	@		
	@		
			TOTAL <u>2062.00</u>

CHARGE TO: Buffalo Resources LLC.
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>1-FLOAT Shoe AFU</u>			<u>214.00</u>
<u>1-LATCH Down Plug ASSY</u>	@		<u>164.00</u>
<u>10-CENTRALIZERS</u>	@	<u>35.00</u>	<u>350.00</u>
<u>1-BASKET</u>	@		<u>161.00</u>
<u>1-PORT COLLAR</u>	@		<u>1750.00</u>
	@		
			TOTAL <u>2639.00</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 done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Daron Patterson
 SIGNATURE Daron Patterson

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 OCT 19 2010
 KCC WICHITA