

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL
02/22/12

RECORDED
KANSAS CORPORATION COMMISSION
Form ACO-1133
October 2008
Form Must Be Typed
FEB 24 2010

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONSERVATION DIVISION
WICHITA, KS

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 Company, Inc

Wellsite Geologist: Dave Barker

Purchaser: NCRA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil SWD SIOW
- Gas ENHR SIGW
- CM (Coal Bed Methane) Temp. Abd.
- 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. _____ Conv. to SWD

_____ Plug Back: _____ Plug Back Total Depth

_____ Commingled Docket No.: _____

_____ Dual Completion Docket No.: _____

_____ Other (SWD or Enhr.?) Docket No.: _____

01/14/2010 01/19/2010 01/27/2010

Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - -167-23606-00-00

Spot Description: _____

NE SW NE NE Sec. 1 Twp. 14 S. R. 12 East West

760 Feet from North / South Line of Section

830 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Russell

Lease Name: Heffel Well #: 1-1

Field Name: _____

Producing Formation: Lansing

Elevation: Ground: 1772' Kelly Bushing: 1780'

Total Depth: 3334' Plug Back Total Depth: 3312'

Amount of Surface Pipe Set and Cemented at: 438' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 728' Feet

If Alternate II completion, cement circulated from: 728'

feet depth to: surface w/ 140 sx cmt.

Drilling Fluid Management Plan AKING 34-00
(Data must be collected from the Reserve Pit)

Chloride content: 45,000 ppm Fluid volume: 1000 bbls

Dewatering method used: Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

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

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 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: Daron Patterson

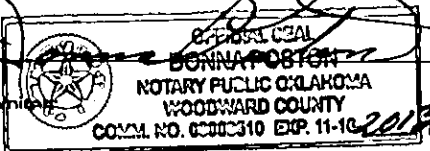
Title: Production Foreman Date: 02/22/2010

Subscribed and sworn to before me this 22 day of Feb

2010

Notary Public: _____

Date Commission Expires: _____



KCC Office Use ONLY

Y Letter of Confidentiality Received

If Denied, Yes Date: _____

Wireline Log Received

_____ Geologist Report Received

_____ UIC Distribution

Operator Name: Buffalo Resources, LLC Lease Name: Heffel Well #: 1-1
 Sec. 1 Twp. 14 S. R. 12 East West County: Russell

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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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Stone Corral	651'	
Topeka	2566'	-785'
Heebner	2805'	-1025
Toronto	2825'	-1045'
Lansing	2886'	-1106'
Arbuckle	3274'	-1494

List All E. Logs Run:

Compensated Density Neutron, Dual Induction, Micro, Sonic, Cement Bond

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"	24	438'	60/40 poz	225	3%CC, 2% Gel
Production	7 7/8"	4 1/2"	11.6	3333'	EA 2	175	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	surface - 728'	60/40 poz	140	6% gel, 1/4# flo seal/sk

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	2904' - 2909'	250 gallons 15% MA	2904'
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		CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run:
		2 3/8"	2948'	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 02/11/2010		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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	50	None	None		40

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	2904' - 2909'

JOB LOG

SWIFT Services, Inc.

DATE 01/20/10 PAGE NO. 1

CUSTOMER *SWIFT Services*

WELL NO. *1-1*

LEASE *Heffer*

JOB TYPE *10. WASTING*

TICKET NO. *11594*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	<i>07:00</i>							<i>DIVULSION</i>
								<i>CMT: 2500 STAGE 2</i>
								<i>(72333) SETTING 2300 STAGE 2 2500 3000</i>
								<i>42 H. L. IN PRODUCTION TO 61.7 FT</i>
								<i>CMT: 16.500 H. L. IN PRODUCTION</i>
								<i>317 H. L. IN PRODUCTION</i>
	<i>07:00</i>		<i>7.5</i>					<i>START CASE FROM TUB</i>
	<i>07:00</i>	<i>50</i>	<i>12</i>				<i>200</i>	<i>TRAP BOTTOM - JAN 12 2010</i>
			<i>20</i>					<i>RETRACT TUBING FROM PRODUCTION</i>
			<i>44</i>					<i>PLUG BACK TO 10 W</i>
								<i>RETRACT TUBING FROM PRODUCTION</i>
	<i>07:00</i>	<i>50</i>	<i>0</i>				<i>200</i>	<i>PLUG BACK TO 10 W</i>
		<i>60</i>	<i>3</i>				<i>200</i>	<i>DRIP C.U. PLUG. WITH H. L. TPL</i>
			<i>300</i>					<i>START TUB</i>
			<i>400</i>				<i>300</i>	<i>CMT TO BOTTOM</i>
			<i>514</i>				<i>400</i>	
	<i>07:00</i>	<i>15</i>	<i>514</i>				<i>400</i>	<i>LAND TUB</i>
								<i>RETRACT PSI - 10 W</i>

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FEB 24 2010

CONSERVATION DIVISION
WICHITA, KS

JD BOWEN

THANAYI
JAMES JOSHUA KIRK

ALLIED CEMENTING CO., LLC. 041306

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

SERVICE POINT: Russell

DATE <u>1-14-10</u>	SEC. <u>1</u>	TWP. <u>14</u>	RANGE <u>12</u>	CALLED OUT	ON LOCATION	JOB START <u>1:55 PM</u>	JOB FINISH <u>1:45 PM</u>
LEASE <u>Heffer</u>	WELL # <u>1-1</u>	LOCATION <u>Dorrance 1st 3/4 W</u>			COUNTY <u>KANSAS</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>SINCE</u>			

CONTRACTOR Duke
 TYPE OF JOB SURFACE
 HOLE SIZE 12 1/4 T.D. 438
 CASING SIZE 8 5/8 24# DEPTH 438
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 42.14
 CEMENT LEFT IN CSG. 42.14
 PERFS. _____
 DISPLACEMENT 2.5 BAR
 EQUIPMENT _____

PUMP TRUCK CEMENTER Craig
 # 417 HELPER MATT
 BULK TRUCK _____
 # 378 DRIVER Shane
 BULK TRUCK _____
 # _____ DRIVER _____

REMARKS:

8 5/8 casing on bottom BSC Circulation
M.V. 2255# 4" Displace Plug
Cement Circulation
Plug landed @ 5000'. Hold
Release pressure D.I.
Thrust 5'

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

OWNER _____
 CEMENT AMOUNT ORDERED 225 60/100 83 9/16 CC
2 9/16 CC

COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____
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 HANDLING _____ @ _____
 MILEAGE _____ @ _____
 TOTAL _____

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SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____
 MANIFOLD _____ @ _____
 _____ @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

8 5/8 4000' Plug @ _____
Ball Valve @ _____
3 Centralizers @ _____

ALLIED CEMENTING CO., LLC.

03710

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

SERVICE POINT: _____

DATE <u>1-26-10</u>	SEC. <u>1</u>	TWP. <u>14</u>	RANGE <u>12</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>HEFFEL</u>	WELL # <u>1-1</u>	LOCATION			COUNTY <u>RUSSELL</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR ACE WELL

TYPE OF JOB PORT COLLAR

HOLE SIZE _____ T.D. _____

CASING SIZE 4 1/2 DEPTH _____

TUBING SIZE 2 3/8 DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL PC DEPTH 728

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT

AMOUNT ORDERED 150 6940 620 GEL

14 LB FLO SOL/SK

USED 150

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER _____

181 HELPER _____

BULK TRUCK _____

_____ DRIVER _____

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

TEST CSG TO 700" OPEN TOOL

BREAK CIRC MIX 140 SK CIRC

CEMENT CLOSE TOOL TEST TO 700"

RUN 5 JTS REVERSE CLEAN W/TOOL

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

CHARGE TO: Buffalo RES

STREET _____

CITY _____ STATE _____

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CONSERVATION DIVISION
WICHITA, KS

To Allied Cementing Co., LLC.

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____