

CONFIDENTIAL

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

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

6/29/11

OPERATOR: License # 34225
Name: Buffalo Resources, LLC
Address 1: 301 Commerce Street, Suite 1380
Address 2: _____
City: Fort Worth State: TX Zip: 76102 + 4140
Contact Person: Matthew Flanery
Phone: (817) 870-2707
CONTRACTOR: License # 5929
Name: Duke Drilling Company Inc.
Wellsite Geologist: Dave Barker
Purchaser: _____

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JUN 29 2009
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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.: _____
5/14/2009 5/19/2004
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 141-20403-00-00
Spot Description: _____
SW NW NE NW Sec. 4 Twp. 9 S. R. 15 East West
335 Feet from North / South Line of Section
1370 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Osborne
Lease Name: Beisner Well #: 1-4
Field Name: Laton East
Producing Formation: None
Elevation: Ground: 1994' Kelly Bushing: 2004'
Total Depth: 3643' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 271 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/ _____

AA-Dig - 7/28/09

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 31,000 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: 6/29/2009
Subscribed and sworn to before me this 16th day of July, 2009.
Notary Public: Donna Dalton
#01017969 Date Commission Expires: 11-1-09

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED

JUL 20 2009

KCC WICHITA

Operator Name: Buffalo Resources, LLC Lease Name: Beisner Well #: 1-4
 Sec. 4 Twp. 9 S. R. 15 East West County: Osborne

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)

List All E. Logs Run:

Dual Induction, Compensated Density/Neutron, Micro

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Topeka	2922'	-919'
Heebner Shale	3152'	-1149'
Toronto	3174'	-1171'
Lansing	3193'	-1190'

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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"	23	271'	60/40 Poz	165	2% Gel, 3% CC

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

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KCC WICHITA

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run:
					<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method:			
		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbts.	Gas Mcf	Water Bbts.	Gas-Oil Ratio	Gravity

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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____ _____

Customer Buffalo Resources, L.L.C. Lease No. KCC WICHITA Date 5-20-09
 Lease Beisner Well # 1-4
 Field Order # 0066 Station Pratt Casing 1 1/2" Drill Pipe Depth County Osborne State KS
 Type Job C.N.W. - Plug To Abandon Formation Legal Description 4-195-15W

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	1 1/2" Drill Pipe	Shots/Ft		200 sacks	RATE 60/40	PRESS 2 with	ISIP
Depth	Depth	From	To	48 Gel.	Max 5 lb/sk.	Cell flate	5 Min.
Volume	Volume	From	To	13.82 Lb./Gal.	Min 6.90 Gal/sk.	1.42	10 Min Lb./Gal.
Max Press	Max Press 300 P.S.	From	To		Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush Fresh Water	Gas Volume	Drilling Mud	Total Load

Customer Representative Steve Stephens Station Manager David Scott Treater Clarence R. Messick

Service Units	19,870	19,903	19,905	19,931	19,862
Driver Names	Messick	Mattal	E. McGraw		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:30					Trucks on location and hold safety meeting.
11:25					1st Plug 1,275 Feet - 25 sacks cement
	300			5	start Fresh Water Pre-Flush.
	300		20	5	start mixing cement.
	300		26	5	start Fresh Water Displacement.
	100		36	5	start Drilling mud Displacement.
11:35	-0-		50		stop pumping.
					2nd Plug 800 Feet - 80 sacks cement
11:55	250			5	start mixing cement.
	250		20	5	start Fresh water displacement.
12:00 A.M.	-0-		24		stop pumping.
					3rd Plug 385 Feet - 40 sacks cement
12:22	175			5	start mixing cement.
	175		10	5	start Fresh water Displacement
12:25	-0-		12		stop pumping.
					4th Plug 40 Feet - 10 sacks
1:43	-0-			3	start mixing cement
1:43	-0-		3		cement circulated to surface. stop pumping.
1:45	-0-		9-4	3	Plug Rat and Mouse holes.
					Washup pump truck.
2:10					Job Complete.
					Thank You.

BASIC

energy services, L.P.

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 JUL 20 2009 CONFIDENTIAL TREATMENT REPORT

Customer BUFFALO RESOURCES		Lease No. KCC WICHITA		Date 5-14-09	
Lease REISNER		Well # 1-4			
Field Order #	Station PRATT Ks.	Casing 8.5/8	Depth	County STORNE	State Ks.
Type Job CALW-8.5/8 S.P.	Formation			Legal Description 4-19-15	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
2 7/8			165 sks	60/40/20				5 Min.
Depth 271	Depth	From	To	Pre Pad 320 cal/cl	Max			10 Min.
Volume 11.25	Volume	From	To	Pad 1.75	Min			15 Min.
Max Press 225	Max Press	From	To	Frac	Avg			Annulus Pressure
Well Connection 1 P.	Annulus Vol.	From	To	15 bbl	HHP Used			Total Load
Plug Depth	Packer Depth	From	To	Flush 16.25	Gas Volume			

Customer Representative: _____ Station Manager: DAVE SCOTT Treater: STEVE CRIVANDO

Service Units	27243	27463	19960	19918					
Driver Names	CRIVANDO	LESLEY	PHVE						

Time	Casing Pressure	Tubing Pressure	Bbbls. Pumped	Rate	Service Log
4:30 PM					ON LOCATION - SAFETY MEETING
					RUN CSG. - 7 TL - 8 5/8 23" Casing
					Centralizers 1-3 Insert Fluid Ubb
					Casing on Pattern - Break Circ w/ Rig
6:40	300		3	5	H2O Ahead
6:42	250		18	5	Max 50 sks Seawater cement @ 18" / 60
6:45	0		37	5	Max 165 sks 60/40/20 @ 14.7" / cal
					Shot Down - Release Plus
6:57	0		0	5	Start Displacement
6:58	250		5	5	Connect to Surface
7:00	500		15	4	Plus Down - Hold
					Circulation this Job
					Circulated 25 min. Top +
					Job Complete
					Thank, Steve