

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34039
Name: BUFFALO CREEK EXPLORATION INC
Address 1: PO BOX 251
Address 2: _____
City: ELLINWOOD State: KS Zip: 67526 + _____
Contact Person: STEVE ARNOLD
Phone: (620) 564-3800
CONTRACTOR: License # 33350
Name: SOUTHWIND DRILLING INC
Wellsite Geologist: TODD E. MORGENSTERN
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.: _____
04/27/2009 05/02/2009 5/2/09
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date
per geo report - kg

API No. 15 - 009-25315-00-00
Spot Description: _____
NE SE SE Sec. 14 Twp. 20 S. R. 11 East West
990 Feet from North / South Line of Section
410 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: BARTON
Lease Name: ZAHORSKY A Well #: 2
Field Name: CHASE-SILICA
Producing Formation: ARBUCKLE
Elevation: Ground: 1748 Kelly Bushing: 1757
Total Depth: 3263 Plug Back Total Depth: 3263
Amount of Surface Pipe Set and Cemented at: 288 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 Alt I NCR 4-5-10
(Data must be collected from the Reserve Pit)
Chloride content: 48000 ppm Fluid volume: 1250 bbls
Dewatering method used: NONE
Location of fluid disposal if hauled offsite: _____
Operator Name: OUTLAW TANK SERVICE INC
Lease Name: SESSLER License No.: 4184
Quarter _____ Sec. 24 Twp. 20 S. R. 11 East West
County: BARTON Docket No.: D-24167

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: ACCT Date: 3/26/2009
Subscribed and sworn to before me this 26 day of march,
20 10.
Notary Public: Renee Kasselmann
Date Commission Expires: 07-15-13



KCC Office Use ONLY

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

RECEIVED
KANSAS CORPORATION COMMISSION
MAR 29 2010

Operator Name: BUFFALO CREEK EXPLORATION INC Lease Name: ZAHORSKY A Well #: 2
 Sec. 14 Twp. 20 S. R. 11 East West County: BARTON

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>HEEBNER SHALE</td> <td>2862</td> <td>-1105</td> </tr> <tr> <td>TORONTO</td> <td>2879</td> <td>-1122</td> </tr> <tr> <td>DOUGLAS</td> <td>2892</td> <td>-1135</td> </tr> <tr> <td>BROWN LIME</td> <td>2987</td> <td>-1230</td> </tr> <tr> <td>LANSING</td> <td>3010</td> <td>-1253</td> </tr> <tr> <td>ARBUCKLE</td> <td>3261</td> <td>-1504</td> </tr> <tr> <td>ROTARY TOTAL DEPTH</td> <td>3263</td> <td>-1506</td> </tr> </table>	Name	Top	Datum	HEEBNER SHALE	2862	-1105	TORONTO	2879	-1122	DOUGLAS	2892	-1135	BROWN LIME	2987	-1230	LANSING	3010	-1253	ARBUCKLE	3261	-1504	ROTARY TOTAL DEPTH	3263	-1506
Name	Top	Datum																							
HEEBNER SHALE	2862	-1105																							
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ARBUCKLE	3261	-1504																							
ROTARY TOTAL DEPTH	3263	-1506																							

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	20# NEW	288	COMMON	325	2%gel 3% CC
PRODUCTION	7 7/8	5 1/2	15# NEW	3261	COMMON	150	

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>
	OPEN HOLE	

TUBING RECORD:	Size: <u>2 7/8</u>	Set At: <u>3321</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>8/18/2009</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>10</u>	Gas Mcf	Water Bbls. <u>1350</u>	Gas-Oil Ratio <u>38</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 checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL RECEIVED 3263 KANSAS CORPORATION COMMISSION MAR 29 2010
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

CONSERVATION DIVISION
WICHITA, KS

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3061

Date	Sec.	Twp.	Range	County	State	On Location	Finish
4-27-09	14	20	11	BARTON	Ks.		3:30
Lease ZANDRSKY 'A'		Well No. 2		Location 5 mile Blacktop - E. to Stop Sign - 5 E. - 1/4 N -			
Contractor SOUTHWIND DRILLING RIG #2				Owner W. INTO			
Type Job 8 5/8" S.P.				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size 12 1/4"		T.D. 290		Charge To BUFFORD CREEK EXPLORATION			
Csg. 8 5/8" x 20#		Depth 288.49		Street			
Tbg. Size		Depth		City State			
Drill Pipe		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Tool		Depth		CEMENT			
Cement Left in Csg. 15'		Shoe Joint 15'		Amount Ordered 375sk. Common / Used 325sk.			
Press Max.		Minimum		Common 325			
Meas Line		Displace		Poz. Mix			
Perf.				Gel. 7 B			
EQUIPMENT				Calcium 10			
Pumptrk 5	No.	Cementer	Helper	Mills			
		JOE		Salt			
Bulktrk 4	No.	Driver	Driver	Flowseal			
		DOUG					
Bulktrk P.U.	No.	Driver	Driver				
		BOBBY					
JOB SERVICES & REMARKS							
Pumptrk Charge S.P.				Handling 395			
Mileage				Mileage .08 per sk. per mile			
Footage				Pump Truck Charge			
Total				FLOAT EQUIPMENT			
Remarks:				Guide Shoe			
Run 7 jts. 8 5/8" x 20# Csg.				Centralizer			
Mix & Pump 375sk. Common w/ 2% Gel + 3% C.C.				Baskets			
RESERVE Plug				AFU Inserts			
Disp - 17.5 TOTAL BBS.				1 - 8 5/8" Wooden Cement Plug			
CIRCULATION THRU JOB				Rotating Head			
CIRCULATED CEMENT TO PT				Squeez Mainfold			
THANKS.				RECEIVED KANSAS CORPORATION COMMISSION Discount			
BOBBY, JOE, & DOUG							
Duke Turner				MAR 29 2010 Tax Discount Total Charge			
PLEASE CALL AGAIN							
Signature							

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3066

Date	Sec.	Twsp.	Range	County	State	On Location	Finish
5-3-04	14	20	11	BARTON	KS.		2:45 A.M.
Lease ZANDOSKY		Well No. A-2		Location 5 mile Blk TOP - E. to Stop Sign - 5 E. - 1/4 N.			
Contractor SOUTHWIND RIG #2				Owner W. INTO			
Type Job 5 1/2 L.S.				To Quality Oilwell Cementing, Inc.			
Hole Size 7 7/8				You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Csg. 5 1/2 x 15.5		Depth 326		Charge To BUFFALO CREEK			
Tbg. Size		Depth		Street			
Drill Pipe		Depth		City		State	
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg. 23.32		Shoe Joint 23.32		500 gal ^{Must Clear} CEMENT Amount Ordered 200 sk. 10% salt			
Press Max.		Minimum		515 SK Gilsonite			
Meas Line		Displace		Common 200 @ 10.90		1800.00	
Perf.				Poz. Mix			
EQUIPMENT							
Pumptrk 5 No.		Cement. Helper JOE		Gel.			
Bulktrk 10 No.		Driver CLAY		Calcium			
Bulktrk PU No.		Driver BOBBY		Mills			
				Salt 26 @ 12.50		325.00	
JOB SERVICES & REMARKS							
Pumptrk Charge L.S.		750.00		Flowseal			
Mileage 25 @ 6.00		150.00		Gilsonite 1000 @ .75		750.00	
Footage.				MUD CLR 47 500 GAL @ 1.00		500.00	
		Total 900.00		Handling 226 @ 1.75		395.50	
Remarks:				Mileage CHARGE		350.00	
Run jts 5 1/2 x 15.5* Csg.				Pump Truck Charge		900.00	
Pkg shoe + Catch down Baffle 1st j.				FLOAT EQUIPMENT			
Cent. - 1, 3, 5, 7, 9, 11, 13				Guide Shoe 1-5 1/2 Packer Shoe		1250.00	
Csg. on bottom - Break Circ. w/ Rig				Centralizer 1-L.D. Plug + Baffle		365.00	
Disp. Ball - Break Csg Set Pkg. shoe w/ Rig & Circ				Baskets 6 - Centralizers		270.00	
Mk & pump 30 sk. R.H. - 20 sk. M.H.				AFU Inserts			
Mix & pump 150 sk 10% salt, 5% Gilsonite 15 gal 1.36							
Release Plug - Clear Pump & lines							
Disp. 76.5 Bbl. Total							
Lift Cst. 600* Plug Down 1500*							
Release Hold				Rotating Head			
Thanks,				Squeez Mainfold			
Bobby, Joe, Blake		Please Call		RECEIVED			
Chubane Turner		Again		KANSAS CORPORATION COMMISSION Tax			
X Signature				MAR 29 2010 Discount			
				Total Charge			

CONSERVATION DIVISION
WICHITA, KS

REPORT COPY

GEOLOGICAL REPORT

BUFFALO CREEK EXPLORATION

No. 2 A Zahorsky
990' FSL & 410' FEL
Section 14-20S-11W
Barton County, Kansas

Todd E. Morgenstern

Petroleum Geologist
Sunflower Bank Building
P.O. Box 251
Ellinwood, Kansas 67526

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KANSAS CORPORATION COMMISSION

MAR 29 2010

COMMUNICATIONS SECTION

OPERATOR: Buffalo Creek Exploration

WELL: No. 2-A Zahorsky
API # 15-009-25,315-00-00

LOCATION: 990' from the South Line
410' from the East Line
Section 14-20S-11W
Barton County, Kansas

FIELD: Chase-Silica

CONTRACTOR: Southwind Drilling Inc. Rig No. 2

DRILLING COMMENCED: 04-27-2009

DRILLING COMPLETED: 05-02-2009

DRILLING TIME: One (1) foot drilling time was recorded
from 2700' to 3263' RTD.

SAMPLES: Samples were saved and examined from 2800'
to 3263' RTD.

ELEVATIONS: 1748' Ground Level 1757' Kelly Bushing

MEASUREMENTS: All depths are measured from 1757' K.B.

CASING RECORD: 8 5/8" Surface Casing set @ 288' with 325 sxs. 60/40 poz
5 1/2" Production Casing set @ 3261' with 150 sxs. ASC

FORMATION TESTING: No tests were run.

MUD: Mudco. (Chemical Mud)

OPEN HOLE LOGS: No Open Hole Logs Were Run

PRODUCTION: Production Casing Set for Arbuckle Completion

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MAR 29 2010
CONSERVATION DIVISION
WICHITA, KS

FORMATION TOPS:

FORMATION	SAMPLE	DATUM
HEEBNER SHALE	2862'	-1105'
TORONTO	2879'	-1122'
DOUGLAS	2892'	-1135'
BROWN LIME	2987'	-1230'
LANSING	3010'	-1253'
ARBUCKLE	3261'	-1504'
ROTARY TOTAL DEPTH	3263'	-1506'

SAMPLE DESCRIPTIONS AND TEST DATA:

ARBUCKLE

3261-63.1 Dolomite, tan to light brown, fine to medium crystalline, with fair to good visible intercrystalline porosity, strong odor, fair show of free oil.

STRUCTURAL COMPARISION:

	Casino	MUSTANG
	No. 2-A Zahorsky	No. 9 Zahorsky
	990' SL & 410' EL	C-SE/4
	Sec. 14-20S-11W	Sec. 14-20S-11W
	OIL	D&A
HEEBNER SHALE	-1105'	-1112'
TORONTO	-1122'	-1127'
BRN. LIME	-1230'	-1234'
LANSING	-1253'	-1260'
ARBUCKLE	-1504'	-1512'

SUMMARY:

The No. 2-A Zahorsky was under geological supervision from 2800' to 3263' RTD. With the positive structural position and shows of oil it was decided to run 5 1/2" production casing and complete this well in the open hole.

Respectfully submitted,

Todd E. Morgenstern

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KANSAS CORPORATION COMMISSION

MAR 29 2010

CONSERVATION DIVISION
WICHITA, KS