

For KCC Use:

Effective Date:

District #

SGA? ☒ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

Form C-1

October 2007

Form must be Typed

Form must be Signed

All blanks must be Filled

Expected Spud Date: January 14 2008
month day year

OPERATOR: License# 34039
Name: Buffalo Creek Exploration, Inc.
Address 1: PO Box 251
Address 2:
City: Ellinwood State: KS Zip: 67526
Contact Person: Chris Batchman
Phone: 620-564-3800
CONTRACTOR: License# 33350
Name: Southwind Drilling, Inc.

Well Drilled For: ☒ Oil ☐ Gas ☐ Enh Rec ☐ Storage ☐ Disposal ☐ Seismic: # of Holes ☐ Other:
Well Class: ☒ Infield ☐ Pool Ext. ☐ Wildcat ☐ Other
Type Equipment: ☒ Mud Rotary ☐ Air Rotary ☐ Cable
☐ If OWWO: old well information as follows:

Operator:
Well Name:
Original Completion Date: Original Total Depth:

Directional, Deviated or Horizontal wellbore? ☐ Yes ☒ No
If Yes, true vertical depth:
Bottom Hole Location:
KCC DKT #:

Spot Description: NE SE NW Sec. 18 Twp. 20 S. R. 11 ☐ E ☒ W
(a/a/a/a) 1,850 feet from ☒ N / ☐ S Line of Section
2,310 feet from ☐ E / ☒ W Line of Section

Is SECTION: ☐ Regular ☐ Irregular?

(Note: Locate well on the Section Plat on reverse side)

County: Barton
Lease Name: Siefers Well #: 1
Field Name: Chase Silica
Is this a Prorated / Spaced Field? ☐ Yes ☒ No
Target Formation(s): Arbuckle
Nearest Lease or unit boundary line (in footage): 1650
Ground Surface Elevation: approx. 1775 feet MSL
Water well within one-quarter mile: ☐ Yes ☒ No
Public water supply well within one mile: ☐ Yes ☒ No
Depth to bottom of fresh water: 150
Depth to bottom of usable water: 230
Surface Pipe by Alternate: ☒ I ☐ II
Length of Surface Pipe Planned to be set: 250'
Length of Conductor Pipe (if any): None
Projected Total Depth: 3350'
Formation at Total Depth: Arbuckle
Water Source for Drilling Operations:
☒ Well ☐ Farm Pond ☐ Other:
DWR Permit #: Contractor will apply for permit
(Note: Apply for Permit with DWR ☒)
Will Cores be taken? ☐ Yes ☒ No
If Yes, proposed zone:

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.

It is agreed that the following minimum requirements will be met:

1. Notify the appropriate district office **prior** to spudding of well;
2. A copy of the approved notice of intent to drill **shall be posted on each drilling rig**;
3. The minimum amount of surface pipe as specified below **shall be set** by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary **prior to plugging**;
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. If an **ALTERNATE II COMPLETION**, production pipe shall be cemented from below any usable water to surface within **120 DAYS** of spud date. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. **In all cases, NOTIFY district office** prior to any cementing.

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Date: 01-04-07 Signature of Operator or Agent: Debra S. Margintan Title: AGENT

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JAN 04 2008

CONSERVATION DIVISION
WICHITA, KS

For KCC Use ONLY
API # 15 - 009-25148-000
Conductor pipe required None feet
Minimum surface pipe required 250 feet per ALT. ☒ I ☐ II
Approved by: 01-4-08
This authorization expires: 1-4-09
(This authorization void if drilling not started within 12 months of approval date.)
Spud date: Agent:

Remember to:

- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed (within 60 days);
- Obtain written approval before disposing or injecting salt water.
- If this permit has expired (See: authorized expiration date) please check the box below and return to the address below.

☐ Well Not Drilled - Permit Expired Date: Signature of Operator or Agent:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

18 20 11
☐ E ☒ W

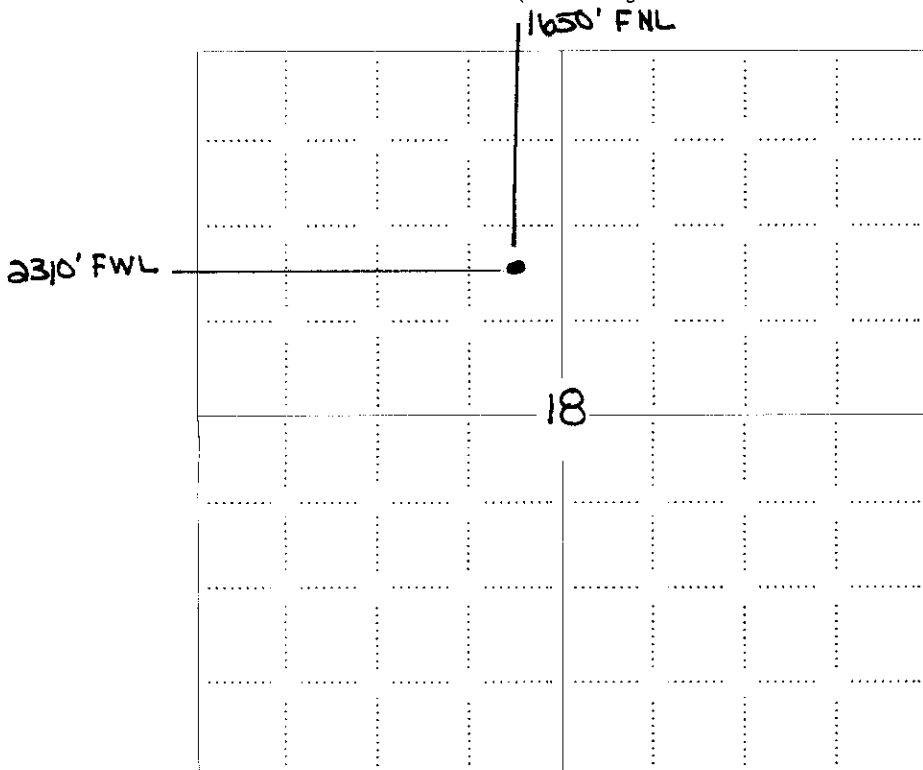
IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW*Plat of acreage attributable to a well in a prorated or spaced field*

If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells and within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

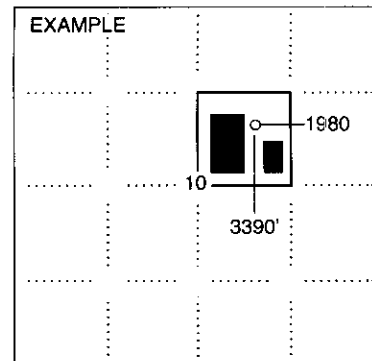
API No. 15 - 009-25148-0000Operator: Buffalo Creek Exploration, Inc.Lease: SiefersWell Number: 1Field: Chase Silica

Number of Acres attributable to well: _____

QTR/QTR/QTR/QTR of acreage: _____ - NE - SE - NW

Location of Well: County: Barton1,650 feet from ☒ N / ☐ S Line of Section2,310 feet from ☐ E / ☒ W Line of SectionSec. 18 Twp. 20 S. R. 11 ☐ E ☒ WIs Section: ☒ Regular or ☐ Irregular**If Section is Irregular, locate well from nearest corner boundary.**Section corner used: ☐ NE ☐ NW ☐ SE ☐ SW**PLAT***(Show location of the well and shade attributable acreage for prorated or spaced wells.)**(Show footage to the nearest lease or unit boundary line.)*RECEIVED
KANSAS CORPORATION COMMISSION

JAN 04 2008

CONSERVATION DIVISION
WICHITA, KS

SEWARD CO.

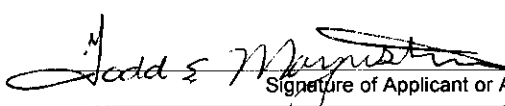
NOTE: In all cases locate the spot of the proposed drilling location.**In plotting the proposed location of the well, you must show:**

1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
3. The distance to the nearest lease or unit boundary line (in footage).
4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (CO-7 for oil wells; CG-8 for gas wells).

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
APPLICATION FOR SURFACE PIT**

Form CDP-1
April 2004
Form must be Typed

Submit in Duplicate

Operator Name: Buffalo Creek Exploration, Inc.		License Number: 34039	
Operator Address: PO Box 251		Ellinwood KS 67526	
Contact Person: Chris Batchman		Phone Number: 620-564-3800	
Lease Name & Well No.: Siefers 1		Pit Location (QQQQ): NE SE NW Sec. <u>18</u> Twp. <u>20</u> R. <u>11</u> ☐ East ☒ West <u>1,650</u> Feet from ☒ North / ☐ South Line of Section <u>2,310</u> Feet from ☐ East / ☒ West Line of Section Barton County	
Type of Pit: ☐ Emergency Pit ☐ Burn Pit ☐ Settling Pit ☒ Drilling Pit ☐ Workover Pit ☐ Haul-Off Pit (If WP Supply API No. or Year Drilled)		Pit is: ☒ Proposed ☐ Existing If Existing, date constructed: _____ Pit capacity: 4,500 (bbls)	
Is the pit located in a Sensitive Ground Water Area? ☒ Yes ☐ No		Chloride concentration: _____ mg/l (For Emergency Pits and Settling Pits only)	
Is the bottom below ground level? ☒ Yes ☐ No		Artificial Liner? ☐ Yes ☒ No	
How is the pit lined if a plastic liner is not used? Earthen clay/drilling mud			
Pit dimensions (all but working pits): <u>80</u> Length (feet) <u>80</u> Width (feet) ☐ N/A: Steel Pits Depth from ground level to deepest point: <u>4</u> (feet) ☐ No Pit			
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.	
		RECEIVED KANSAS CORPORATION COMMISSION JAN 04 2008 CONSERVATION DIVISION WICHITA, KS	
Distance to nearest water well within one-mile of pit <u>1320</u> feet Depth of water well <u>35</u> feet		Depth to shallowest fresh water <u>3</u> feet. Source of information: ☐ measured ☐ well owner ☐ electric log ☒ KDWR	
Emergency, Settling and Burn Pits ONLY: Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pit? ☐ Yes ☐ No		Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover: <u>Chemical drilling mud</u> Number of working pits to be utilized: <u>3</u> Abandonment procedure: <u>Allow fluid to evaporate, refill with excavated dirt</u> Drill pits must be closed within 365 days of spud date.	
I hereby certify that the above statements are true and correct to the best of my knowledge and belief. 01-04-07 Date  Signature of Applicant or Agent			
KCC OFFICE USE ONLY Date Received: <u>1/4/08</u> Permit Number: _____ Permit Date: <u>1/4/08</u> Lease Inspection: ☒ Yes ☐ No Steel Pit ☐ RFAC ☒ RFAS ☒ SAB.			

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

15-009-25148-0020



Kathleen Sebelius, Governor
Thomas E. Wright, Chairman
Michael C. Moffet, Commissioner
Joseph F. Harkins, Commissioner

January 4, 2008

Mr. Chris Batchman
Buffalo Creek Exploration, Inc.
PO Box 251
Ellinwood, KS 67526

RE: Drilling Pit Application
Siefers Lease Well No. 1
NW/4 Sec. 18-20S-11W
Barton County, Kansas

Dear Mr. Batchman:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed **without slots**, the bottom shall be flat and reasonably level, and **if sand is encountered during the construction of the reserve pit or working pits, please call the District Office at (785) 625-0550**. The fluids must be removed. The fluids are to be removed from the reserve pit as soon as the Hutchinson Salt section has been drilled through and displacement of the fluids into the reserve pit has occurred. The fluids should be removed again as soon as practical after drilling operations have ceased. **Please keep all pits away from any draws.**

If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve pit.

The fluids should be taken to an authorized disposal well. Please call the District Office at (785) 625-0550 when the fluids have been removed. Please file form CDP-5, Exploration and Production Waste Transfer, within 30 days of fluid removal. Conservation division forms are available through our office and on the KCC web site: www.kcc.state.ks.us/conservation/forms.

A copy of this letter should be posted in the doghouse along with the approved Intent to Drill.

If you have any questions or concerns please feel free to contact the undersigned at the above address.

Sincerely,

Kathy Haynes
Environmental Protection and Remediation Department

cc: File