

Notice: Fill out COMPLETELY
and return to Conservation Division
at the address below within
60 days from plugging date.

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL PLUGGING RECORD
K.A.R. 82-3-117

Form CP-4
December 2003
Type or Print on this Form
Form must be Signed
All blanks must be Filled

Lease Operator: Buffalo Creek Exploration, Inc.

Address: PO Box 251, Ellinwood, KS 67526

Phone: (620) 564-3800 Operator License #: 34039

Type of Well: Oil D & A Docket #: _____
(Oil, Gas D&A, SWD, ENHR, Water Supply Well, Cathodic, Other) (If SWD or ENHR)

The plugging proposal was approved on: 01-30-08 (Date)

by: Herb Deines (KCC District Agent's Name)

Is ACO-1 filed? ☒ Yes ☐ No If not, is well log attached? ☐ Yes ☐ No

Producing Formation(s): List All (If needed attach another sheet)

_____	Depth to Top: _____	Bottom: _____	T.D. _____
_____	Depth to Top: _____	Bottom: _____	T.D. _____
_____	Depth to Top: _____	Bottom: _____	T.D. _____

API Number: 15 - 009-25148-00-00

Lease Name: Siefers

Well Number: 1

Spot Location (QQQQ): _____ - NE - SE - NW

1650 Feet from ☒ North / ☐ South Section Line

2310 Feet from ☐ East / ☒ West Section Line

Sec. 18 Twp. 20 S. R. 11 ☐ East ☒ West

County: Barton

Date Well Completed: D & A

Plugging Commenced: 02-01-08

Plugging Completed: 02-01-08

Show depth and thickness of all water, oil and gas formations.

Oil, Gas or Water Records		Casing Record (Surface Conductor & Production)				
Formation	Content	From	To	Size	Put In	Pulled Out
*see attached drilling		0'	309'	8 5/8" new 20#	298.54'	0'
report						

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

Plug well with 135 sacks of 60/40 Poz, 4% gel, 1/4# floseal per sack.

1st plug @ 3320' with 25 sacks. 2nd plug @ 550' with 25 sacks. 3rd plug @ 360' with 50 sacks.

4th plug @ 40' with 10 sacks to surface. Plug mouse with 10 sacks. Plug rat hole with 15 sacks.

Job complete @ 8:00 am on 02-01-08 by Allied Cementing (tk #30828)

Name of Plugging Contractor: Southwind Drilling, Inc. License #: 33350

Address: PO Box 276, Ellinwood, KS 67526

Name of Party Responsible for Plugging Fees: Buffalo Creek Exploration, Inc.

State of Kansas County, Barton, ss.

Todd E. Morgenstern (Employee of Operator) or (Operator) on above-described well, being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.

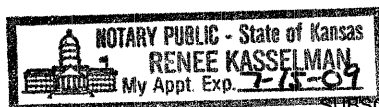
(Signature) Todd E. Morgenstern

(Address) PO Box 276, Ellinwood, KS 67526

SUBSCRIBED and SWORN TO before me this 7 day of February, 20 08

Bone Kas My Commission Expires: 07-15-09
Notary Public

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



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WICHITA, KS

Handwritten signature/initials

SOUTHWIND DRILLING, INC.

RIG #2

PO Box 276, Ellinwood, KS 67526
Office Phone 620-564-3800, Fax 620-564-3845

DRILLING REPORT

Siefers #1

Location: 1650' FNL & 2310' FWL
API#: 15-009-25148-00-00

Section 18-20S-11W
Barton County, Kansas

OWNER: : Buffalo Creek, Inc.
CONTRACTOR: Southwind Drilling, Inc. Rig #2

COMMENCED: 01-25-08
COMPLETED: 02-01-08

TOTAL DEPTH: Driller: 3344'
Logger: None

Ground Elevation: 1782'
KB Elevation: 1791'

LOG:

0'	-	310'	Sand/Redbed
310'	-	1195'	Redbed
1195'	-	1580'	Shale
1580'	-	3344'	Lime/Shale
		3344'	RTD

CASING RECORDS

Surface casing – 8 5/8"

Ran 7 joints of 20# new 8 5/8" surface casing. Tally @ 298.54'. Set @ 309'. Cement with 285 sacks of common, 2% gel, 3% calcium chloride. Cement did not circulate. Re-cement 1" with 100 sacks of common, 3% calcium chloride. Cement did not circulate. Re-cement 1" with 200 sacks of common, 3% calcium chloride. Cement did circulate.

Plug down @ 5:00 pm on 01-26-08 by Allied Cementing (tk #25451)

Production casing – 5 1/2"

None – plugged the well

DEVIATION SURVEYS

1/4 degree (s) @ 310'

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MORNING DRILLING REPORT							
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800			Wellsite Geologist: Todd Morgenstern 620-564-3800		WELL NAME		Siefers #1
					LOCATION		1650' FNL & 2310' FWL Sec. 18-20S-11W Barton County, KS
Rig #2 Phone Numbers					Buffalo Creek, Inc. PO Box 251 Ellinwood, KS 67526 620-564-3800		
620-617-5921	Rig Cellular (Dog house)	Yes			ELEVATION		
620-617-5920	Geologist Trailer Cellular	No					
620-450-7682	Tool Pusher Cellular	Yes	LeWayne Tresner		G.L. 1782'	K.B. 1791'	API# 15-009-25148-00-00

Driving Directions: From Ellinwood: South across river bridge, 1 1/4 miles South on SE 100th Ave., East into.

Day	1	Date	01-25-08	Friday	Survey @ 310' = 1/4 degree
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Moved Rig #2 on location
 Spud @ 2:30 am on 01-26-08
 Ran 2.00 hours drilling (.50 rat hole, 1.50 drill 12 1/4"). Down 14.00 hours (11.00 move/rig up, 1.50 connection, 1.50 trip/plugged bit)
 Mud properties: spud mud
 Daily Mud Cost = \$0.00. Mud Cost to Date = \$0.00
 Wt. on bit: 20,000, 80 RPM, 600# pump pressure
 12 1/4" bit #1 (in @ 0') = 1.50 hrs. - 140'
 1" fuel = 34.50 gals.
 Fuel usage: 34.50 gals (24" used 1") Start @ 25"

Day	2	Date	01-26-08	Saturday
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7:00 am - Drilling 12 1/4" hole @ 140'
 Ran 6.75 hours drilling (1.25 drill 12 1/4", 5.50 drill 7 7/8"). Down 17.25 hours (.25 CTCH, .25 survey, .50 trip, 1.50 run casing/cement, 2.75 re-cement, 8.00 wait on cement, .50 trip, .75 drill plug, .25 jet, 2.50 connection)
 Mud properties: spud mud
 Daily Mud Cost = \$0.00. Mud Cost to Date = \$0.00
 Wt. on bit: 20,000, 80 RPM, 600# pump pressure
 12 1/4" bit #1 (in @ 0' out @ 310') = 2.75 hrs. - 310'
 7 7/8" bit #1 (in @ 310') = 5.50 hrs. - 385'
 Fuel usage: 241.50 gals (17" used 7")

Ran 7 joints of 20# new 8 5/8" surface casing. Tally @ 298.54'. Set @ 309'. Cement with 285 sacks of common, 2% gel, 3% calcium chloride. Cement did not circulate. Re-cement 1" with 100 sacks of common, 3% calcium chloride. Cement did not circulate. Re-cement 1" with 200 sacks of common, 3% calcium chloride. Cement did circulate.
 Plug down @ 5:00 pm on 01-26-08 by Allied Cementing (tk #25451)

Day	3	Date	01-27-08	Sunday
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7:00 am - Drilling @ 695'
 Ran 18.25 hours drilling. Down 5.75 hours (.75 rig check, 1.25 rig repair, 1.00 jet, 2.75 connection)
 Mud properties: freshwater
 Daily Mud Cost = \$0.00. Mud Cost to Date = \$0.00
 Wt. on bit: 30,000, 80 RPM, 800# pump pressure
 12 1/4" bit #1 (in @ 0' out @ 310') = 2.75 hrs. - 310'
 7 7/8" bit #1 (in @ 310') = 23.75 hrs. - 1550'

Fuel usage: 483.00 gals (77" used 14") 17" + 74" delivered = 91"

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MORNING DRILLING REPORT						
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800			Wellsite Geologist: Todd Morgenstern 620-564-3800		WELL NAME	Siefers #1
					LOCATION	1650' FNL & 2310' FWL Sec. 18-20S-11W Barton County, KS
Rig #2 Phone Numbers			Buffalo Creek, Inc. PO Box 251 Ellinwood, KS 67526 620-564-3800			
620-617-5921	Rig Cellular (Dog house)	Yes				
620-617-5920	Geologist Trailer Cellular	No				
620-450-7682	Tool Pusher Cellular	Yes	LeWayne Tresner	ELEVATION	G.L. 1782'	K.B. 1791' API# 15-009-25148-00-00

Driving Directions: From Ellinwood: South across river bridge, 1 ¼ miles South on SE 100th Ave., East into.

Day	4	Date	01-28-08	Monday
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7:00 am – Drilling @ 1860'
 Ran 15.25 hours drilling. Down 8.75 hours (.75 rig check, 6.00 rig repair, .75 jet, 1.25 connection)
 Mud properties: freshwater
 Daily Mud Cost = \$0.00. Mud Cost to Date = \$0.00
 Wt. on bit: 30,000, 60 RPM, 800# pump pressure
 12 ¼" bit #1 (in @ 0' out @ 310') = 2.75 hrs. - 310'
 7 7/8" bit #1 (in @ 310') = 39.00 hrs. - 2170'

Fuel usage: 448.50 gals (64" used 13")

Day	5	Date	01-29-08	Tuesday
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7:00 am – Drilling @ 2480'
 Ran 12.75 hours drilling. Down 11.25 hours (.50 rig check, 9.25 rig repair, .75 jet, .75 connection)
 Mud properties: wt. 8.9, vis. 53, water loss 8.0
 Daily Mud Cost = \$0.00. Mud Cost to Date = \$0.00
 Wt. on bit: 30,000, 80 RPM, 850# pump pressure
 12 ¼" bit #1 (in @ 0' out @ 310') = 2.75 hrs. - 310'
 7 7/8" bit #1 (in @ 310') = 51.75 hrs. - 2555'

Fuel usage: 414.00 gals (52" used 12")

Day	6	Date	01-30-08	Wednesday
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7:00 am – Drilling @ 2865'
 Ran 18.25 hours drilling. Down 5.75 hours (.75 rig check, .75 displace @ 2922', 1.25 connection, .25 rig repair, 1.00 CFS @ 3300', 1.00 CFS @ 3324', .75 CFS @ 3328')
 Mud properties: wt. 9.0, vis. 48
 Daily Mud Cost = \$0.00. Mud Cost to Date = \$0.00
 Wt. on bit: 30,000, 80 RPM, 850# pump pressure
 12 ¼" bit #1 (in @ 0' out @ 310') = 2.75 hrs. - 310'
 7 7/8" bit #1 (in @ 310') = 70.00 hrs. - 3018'

Fuel usage: 379.50 gals (56" used 11") 52" + 15" delivered = 67"

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MORNING DRILLING REPORT						
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Todd Morgenstern 620-564-3800		WELL NAME		Siefers #1
				LOCATION		1650' FNL & 2310' FWL Sec. 18-20S-11W Barton County, KS
Rig #2 Phone Numbers				Buffalo Creek, Inc. PO Box 251 Ellinwood, KS 67526 620-564-3800		
620-617-5921	Rig Cellular (Dog house)	Yes				
620-617-5920	Geologist Trailer Cellular	No				
620-450-7682	Tool Pusher Cellular	Yes	LeWayne Tresner	ELEVATION	G.L. 1782'	K.B. 1791' API# 15-009-25148-00-00

Driving Directions: From Ellinwood: South across river bridge, 1 1/4 miles South on SE 100th Ave., East into.

Day	7	Date	01-31-08	Thursday	DST #1 (3309'-3344')
					Arbuckle formation
					Recovered ??

RTD = 3344'

7:00 am - CFS @ 3328'
 Ran 0.75 hours drilling. Down 23.25 hours (.50 CFS @ 3328', 1.25 CFS @ 3334', 1.00 CFS @ 3342', 1.25 CFS @ 3344', 7.25 trip, 1.00 CTCH, 3.00 DST #1, .50 wait on orders, 1.00 nipple down, 2.00 lay down pipe, 4.50 plug)
 Mud properties: wt. 9.0, vis. 48
 Daily Mud Cost = \$6,821.22. **Total Mud Cost = \$6,821.22**
 Wt. on bit: 30,000, 80 RPM, 850# pump pressure
 12 1/4" bit #1 (in @ 0' out @ 310') = 2.75 hrs. - 310'
 7 7/8" bit #1 (in @ 310' out @ 3344') = 70.75 hrs. - 3034'

Fuel usage: 276.00 gals (48" used 8")

Day	8	Date	02-01-08	Friday
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7:00 am - Plugging the well @ 3344'
 Ran 0.00 hours drilling. Down 8.00 hours (1.00 plug, 7.00 tear down)

Fuel usage: 34.50 gals (47" used 1")

Plug well with 135 sacks of 60/40 Poz, 4% gel, 1/4# floseal per sack.
 1st plug @ 3320' with 25 sacks. 2nd plug @ 550' with 25 sacks. 3rd plug @ 360' with 50 sacks.
 4th plug @ 40' with 10 sacks to surface. Plug rat hole with 15 sacks. Plug mouse hole with 10 sacks.
 Job complete @ 8:00 am on 02-01-08 by Allied Cementing (tk #30828)

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 WICHITA, KS

**SOUTHWIND DRILLING, INC.
PLUGGING ORDERS AND REPORTS**

Lease: STIFFERS #1 (BUFFALO CREEK)

Plugging received from KCC representative:

Name: HERB DENIES Date 1-30-08 Time 4:15 P.M.

1st plug @ 3320 ft. 25 sx. Stands: 55

2nd plug @ 550 ft. 25 sx. Stands: 9

3rd plug @ 360 ft. 50 sx. Stands: 6

4th plug @ 40 ft. 10 sx. Stands: 1

5th plug @ _____ ft. _____ sx. Stands: _____

Mousehole 10 sx.

Rahole 15 sx.

Total Cement used: 135 sx.

Type of cement 60/40 Poz, 4% GEL, 1/4" FLOSEAL PER SX

Plug down @ 8:00 A.M. 2-1-08 By ALLIED TIC #30828

Call KCC When Completed:

Name: DAVID WANN Date 2-1-08 Time 10:15 A.M.

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WICHITA, KS

ALLIED CEMENTING CO., INC.

30828

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

SERVICE POINT:

2103.

DATE 2-1-08	SEC. 14	TWP. 20	RANGE 11W	CALLED OUT 11:00am	ON LOCATION 2:30pm	JOB START	JOB FINISH 8:00pm
LEASE Siefer	WELL # 1	LOCATION Ellinwood 25 1/2 E S15			COUNTY Barton	STATE K.S.	
OLD OR NEW (Circle one)							

CONTRACTOR Southwind Ry 2	
TYPE OF JOB Rotary Plug	
HOLE SIZE	T.D. 33 1/4 H
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE 4 1/2	DEPTH 3320 H
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

EQUIPMENT

PUMP TRUCK	CEMENTER	Miller
# 343	HELPER	Stone
BULK TRUCK		
# 351	DRIVER	Joe
BULK TRUCK		
#	DRIVER	

REMARKS:

Mix 25 lb at 3320 ft with mud
 Mix 25 lb at 550 ft with water
 Mix 50 lb at 360 ft with water
 Mix 10 lb at 40 ft plug
 with water
 Mix 10 lb M.H
 Mix 15 lb R.H

CHARGE TO: Buffalo Creek

STREET

CITY STATE ZIP

OWNER

CEMENT	
AMOUNT ORDERED	135 1/2 42 gal
	1 # 800000 Pr/sk

COMMON	@
POZMIX	@
GEL	@
CHLORIDE	@
ASC	@

	@
	@

	@
	@

	@
	@

	@
	@

HANDLING	@
MILEAGE	@

TOTAL

SERVICE

DEPTH OF JOB	3320 H
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE	@
MANIFOLD	@
	@
	@

TOTAL

PLUG & FLOAT EQUIPMENT

1-8 1/4 old Hole pl @	
	@
	@
	@
	@

TOTAL

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Rick J. Degenhardt

PRINTED NAME

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

Thank
you