

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 Resources, LLC
Address: 301 Commerce St., Ste. 1380, Forth Worth, TX 76102
Phone: (817) 870-2707 Operator License #: 34225
Type of Well: D & A Docket #: _____
(Oil, Gas D&A, SWD, ENHR, Water Supply Well, Cathodic, Other) (If SWD or ENHR)
The plugging proposal was approved on: 03-09-09 (Date)
by: Ed Shoemaker (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 - 141-20400-00-00
Lease Name: Brasen Jay
Well Number: 1-5
Spot Location (QQQQ): _____ - NE - SW - SE
910 Feet from North / South Section Line
1610 Feet from East / West Section Line
Sec. 5 Twp. 9 S. R. 15 East West
County: Osborne
Date Well Completed: D & A
Plugging Commenced: 03-10-09
Plugging Completed: 03-10-09

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 report		0'	266.44'	8 5/8" new 23#	254.44'	0'

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 210 sacks of 60/40 Poz, 4% gel, 1/4# floesal per sack.

1st plug @ 1300' with 25 sacks. 2nd plug @ 870' with 90 sacks. 3rd plug @ 315' with 40 sacks.

4th plug @ 40' with 10 sacks to surface. Plug rat hole with 30 sacks. Plug mouse hole with 15 sacks.

Job complete @ 12:30 a.m. on 03-10-09 by Allied Cementing (tk #037485)

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

Address: PO Box 276, Ellinwood, KS 67526

Name of Party Responsible for Plugging Fees: Buffalo Resources, LLC

State of Kansas County, Barton, ss.

Todd E. Morgenstern, VP/OP of Southwind Drilling, Inc.

(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 11 day of March, 20 09

Renee Kasselmann My Commission Expires: 7-15-09
Notary Public

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

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PKT

SOUTHWIND DRILLING, INC.
PLUGGING ORDERS AND REPORTS

Lease: Brasen Jay #1-5

Plugging received from KCC representative:

Name: Ed Shoemaker Date 3-09-09 Time 11:30 AM

1st plug @ 1300 ft. 25 sx. Stands: 21

2nd plug @ 870 ft. 90 sx. Stands: 14

3rd plug @ 315 ft. 40 sx. Stands: 5

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

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

Mousehole 15 sx.

Rahole 30 sx.

Total Cement used: 210 sx.

Type of cement 60/40 Poz 4% Gel 1/4 # F/0 Seal Per Sack

Plug down @ 12:30 AM 3-10-09

Call KCC When Completed:

Name: David Wann Date 3-10-09 Time 11:15 AM

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ALLIED

CEMENTING CO., LLC
Cementing & Acidizing Services

CEMENTING LOG

STAGE NO.

Date 3-10-09 District 4 Ticket No. 037485
 Company Be-Hite Resources Rig Southworth
 Lease Branson Joy Well No. 1.5
 County Osborne State KS
 Location 7170m 6372190R0 Field _____
12th v. 17th

CEMENT DATA: Fresh Water
 Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size _____ Type _____ Weight _____ Collar _____

LEAD: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

TAIL: Pump Time 14#910 hrs. Type 60/40 4 1/2 GPK
 Excess _____

Amt. 210 Sks Yield 1.39 ft³/sk Density 13.9 PPG _____

WATER: Lead _____ gals/sk Tail 670 gals/sk Total 47 Bbls _____

Casing Depths: Top _____ Bottom _____

Pump Trucks Used 117 Matt

Bulk Equip. 410 vial

Drill Pipe: Size _____ Weight _____ Collars _____

Float Equip: Manufacturer _____

Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

Shoe: Type _____ Depth _____

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Float: Type _____ Depth _____

Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Drill Pipe: Bbls/Lin. ft. 001422 Lin. ft./Bbl. 70.32

Stage Collars _____

Annulus: Bbls/Lin. ft. 00041 Lin. ft./Bbl. 70.242.2151

Special Equip. _____

Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG _____

Perforations: From _____ ft. to _____ ft. Amt. _____

Mud Type _____ Weight _____ PPG _____

COMPANY REPRESENTATIVE Frank Tool Pusher

CEMENTER Craig Bixberger

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
				5BL	4	1st Plug 1300 25SK
				18BL	5	2nd 870 90SK
				8BL	4	3rd 315 40SK
				2BL	3	4th 40 10SK (wooden plug)
				6BL	1	Reithole 30SK
12:30 am				3BL	1	Mouse hole 15SK

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Thanks!

KCC WICHITA

ALLIED CEMENTING CO., LLC. 037485

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

SERVICE POINT: Russell

DATE <u>3-10-09</u>	SEC. <u>5</u>	TWP. <u>9</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION	JOB START <u>12:00pm</u>	JOB FINISH <u>12:30pm</u>
LEASE <u>Bramson Jay</u>	WELL # <u>1-5</u>	LOCATION <u>Marion 657 RD N 19000</u>				COUNTY <u>Osborne</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Spenthoop #1

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. 3720

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 X-H DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT

AMOUNT ORDERED 210 60/40 40/60 GEL

14-47-10

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Craig

417 HELPER Matt

BULK TRUCK

410 DRIVER Walt

BULK TRUCK

_____ DRIVER _____

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HANDLING _____ @ _____

MILEAGE _____ @ _____

REMARKS:

See Job Log

Thanks

CHARGE TO: Bull-Hole Resources

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

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

PRINTED NAME Frank Rome

SIGNATURE Frank Rome

PLUG & FLOAT EQUIPMENT

1 8 7/8 in. plug @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

SOUTHWIND DRILLING, INC.

RIG #1

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

DRILLING REPORT

Brasen Jay #1-5

Location: 910' FSL & 1610' FEL
API#: 15-141-20400-00-00

Section 5-9S-15W
Osborne County, Kansas

OWNER: _____ : Buffalo Resources, LLC
CONTRACTOR: Southwind Drilling, Inc. Rig #1

COMMENCED: 03-03-09
COMPLETED: 03-10-09

TOTAL DEPTH: Driller: 3720'
Logger: 3717'

Ground Elevation: 2036'
KB Elevation: 2046'

LOG:

0'	-	268'	Sand
268'	-	430'	Clay/Shale
430'	-	1050'	Clay
1050'	-	1279'	Clay/Shale
1279'	-	1311'	Anhydrite
1311'	-	3720'	Lime/Shale
		3720'	RTD

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CASING RECORDS

Surface casing – 8 5/8"

Ran 6 joints of 23# new 8 5/8" surface casing. Tally @ 254.44'. Set @ 266.44'. Cement with 160 sacks of common, 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 8:00 p.m. on 03-03-09 by Allied (tk#034899).

Production casing – 5 1/2"

None – plugged the well

DEVIATION SURVEYS

1/4 degree (s)	@	268'
3/4 degree (s)	@	3720'

MORNING DRILLING REPORT			Email to: AJ Jacques, Wray Valentine, Kirk Rundle, Curtis Covey, Dan@buffaloresourcesllc.com & Matthew@buffaloresourcesllc.com			
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Curtis Covey 316-258-9976	WELL NAME	Brasen Jay #1-5		
Rig #1 Phone Numbers			LOCATION	910' FSL & 1610' FEL Sec. 5-9S-15W Osborne County, KS		
620-794-2075	Rig Cellular (Dog house)		Buffalo Resources, LLC 301 Commerce, Suite 1380 Fort Worth, TX 76102 620-277-2062			
620-794-2078	Geologist Trailer Cellular		ELEVATION	G.L. 2036'	K.B. 2046'	API# 15-141-20400-00-00
620-566-7324	Tool Pusher Cellular	Frank Rome				

Driving Directions: From Natoma: 1 mile East on Hwy. 18, 7 miles North on CR-657, 1/4 mile West on W190 Dr., North into.

Day 1 Date 03-03-09 Tuesday Survey @ 268' = 1/4 degree

Moved Rig #1 on location

Spud @ 3:00 p.m.

Ran 4.25 hours drilling (.50 drill rat hole, 2.00 drill 12 1/4", 1.75 drill 7 7/8"). Down 19.75 hours (7.50 move/rig up, 1.25 connection, .25 circulate, .25 jet, .25 survey, .50 trip, 1.00 run casing/cement, 8.00 wait on cement, .50 drill plug, .25 rig repair)

Mud properties: fresh water

Daily Mud Cost = \$0.00. Mud Cost to Date = \$0.00

Wt. on bit: 15,000, 120 RPM, 450# pump pressure

12 1/4" bit #1 (in @ 0' out @ 268') = 2.00 hrs. - 268'

7 7/8" bit #1 (in @ 268') = 1.75 hrs. - 162'

1" fuel = 39.60 gals.

Fuel usage: 118.80 gals (29" used 3") start @ 32"

Ran 6 joints of 23# new 8 5/8" surface casing. Tally @ 254.44'. Set @ 266.44. Cement with 160 sacks of common, 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 8:00 p.m. on 03-03-09 by Allied (tk#034899).

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Day 2 Date 03-04-09 Wednesday Anhydrite (1279' - 1311')

7:00 am - Drilling @ 430'

Ran 19.50 hours drilling. Down 4.50 hours (.75 rig check, .50 rig repair, 2.00 connection, 1.25 jet)

Mud properties: wt. 9.2, vis. 28

Daily Mud Cost = \$4,124.55. Mud Cost to Date = \$4,124.55

Wt. on bit: 25,000, 80 RPM, 700# pump pressure

12 1/4" bit #1 (in @ 0' out @ 268') = 2.00 hrs. - 268'

7 7/8" bit #1 (in @ 268') = 21.25 hrs. - 1662'

Fuel usage: 356.40 gals (72" used 9") 29" + 52" delivered = 81"

Day 3 Date 03-05-09 Thursday

7:00 am - Drilling @ 1930'

Ran 20.00 hours drilling. Down 4.00 hours (.75 rig check, 1.25 connection, 1.50 displace @ 2600', .50 rig repair)

Mud properties: wt. 8.8, vis. 53, water loss 8.0

Daily Mud Cost = \$930.80. Mud Cost to Date = \$5,055.35

Wt. on bit: 30,000, 80 RPM, 700# pump pressure

12 1/4" bit #1 (in @ 0' out @ 268') = 2.00 hrs. - 268'

7 7/8" bit #1 (in @ 268') = 41.25 hrs. - 2384'

Fuel usage: 435.60 gals (61" used 11")

MORNING DRILLING REPORT			Email to: AJ Jacques, Wray Valentine, Kirk Rundle, Curtis Covey, Dan@buffaloresourcesllc.com & Matthew@buffaloresourcesllc.com			
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Curtis Covey 316-258-9976	WELL NAME	Brasen Jay #1-5		
Rig #1 Phone Numbers			LOCATION	910' FSL & 1610' FEL Sec. 5-9S-15W Osborne County, KS		
620-794-2075	Rig Cellular (Dog house)		Buffalo Resources, LLC 301 Commerce, Suite 1380 Fort Worth, TX 76102 620-277-2062			
620-794-2078	Geologist Trailer Cellular		ELEVATION	G.L. 2036'	K.B. 2046'	API# 15-141-20400-00-00
620-566-7324	Tool Pusher Cellular	Frank Rome				

Driving Directions: From Natoma: 1 mile East on Hwy. 18, 7 miles North on CR-657, 1/4 mile West on W190 Dr., North into.

Day 4 Date 03-06-09 Friday

7:00 am – Drilling @ 2652'
Ran 21.25 hours drilling. Down 2.75 hours (.75 rig check, 1.00 connection, .25 rig repair, .75 CFS @ 3007')
Mud properties: wt. 9.0, vis. 64, water loss 8.0
Daily Mud Cost = \$0.00. Mud Cost to Date = \$5,055.35
Wt. on bit: 25,000, 75 RPM, 700# pump pressure
12 1/4" bit #1 (in @ 0' out @ 268') = 2.00 hrs. - 268'
7 7/8" bit #1 (in @ 268') = 62.50 hrs. - 2862'

Fuel usage: 356.40 gals (52" used 9")

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Day 5 Date 03-07-09 Saturday

7:00 am – Drilling @ 3130'
Ran 19.00 hours drilling. Down 5.00 hours (.75 connection, .75 rig check, 1.00 time change, .75 CFS @ 3156', .75 CFS @ 3181', 1.00 CFS @ 3366')
Mud properties: wt. 9.3, vis. 48, water loss 9.2
Daily Mud Cost = \$0.00. Mud Cost to Date = \$5,055.35
Wt. on bit: 25,000, 75 RPM, 750# pump pressure
12 1/4" bit #1 (in @ 0' out @ 268') = 2.00 hrs. - 268'
7 7/8" bit #1 (in @ 268') = 81.50 hrs. - 3112'

Fuel usage: 475.20 gals (40" used 12")

Day 6 Date 03-08-09 Sunday

7:00 am – Drilling @ 3380'
Ran 21.25 hours drilling. Down 2.75 hours (.75 rig check, .75 connection, 1.00 CFS @ 3400', .25 jet)
Mud properties: wt. 9.4, vis. 58, water loss 9.2
Daily Mud Cost = \$0.00. Mud Cost to Date = \$5,055.35
Wt. on bit: 28,000, 75 RPM, 800# pump pressure
12 1/4" bit #1 (in @ 0' out @ 268') = 2.00 hrs. - 268'
7 7/8" bit #1 (in @ 268') = 102.75 hrs. - 3387'

Fuel usage: 435.60 gals (29" used 11")

MORNING DRILLING REPORT			Email to: AJ Jacques, Wray Valentine, Kirk Rundle, Curtis Covey, Dan@buffaloresourcesllc.com & Matthew@buffaloresourcesllc.com			
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Curtis Covey 316-258-9976	WELL NAME	Brasen Jay #1-5		
Rig #1 Phone Numbers			LOCATION	910' FSL & 1610' FEL Sec. 5-9S-15W Osborne County, KS		
620-794-2075	Rig Cellular (Dog house)		Buffalo Resources, LLC 301 Commerce, Suite 1380 Fort Worth, TX 76102 620-277-2062			
620-794-2078	Geologist Trailer Cellular		ELEVATION	G.L. 2036'	K.B. 2046'	API# 15-141-20400-00-00
620-566-7324	Tool Pusher Cellular	Frank Rome				

Driving Directions: From Natoma: 1 mile East on Hwy. 18, 7 miles North on CR-657, 1/4 mile West on W190 Dr., North into.

Day 7 Date 03-09-09 Monday Survey @ 3720' = ¼ degree

RTD = 3720'

LTD = 3717'

7:00 am -- Drilling @ 3655'

Ran 1.75 hours drilling. Down 22.25 hours (.25 rig check, .75 CFS @ 3720', 4.25 trip, 1.00 CTCH, .25 survey, 5.00 log, 3.00 lay down drill pipe, .75 nipple down, .50 plug, 6.50 tear down)

Mud properties: wt. 9.6, vis. 52, water loss 10.0

Daily Mud Cost = \$1,412.50. Total Mud Cost = \$6,467.85

Wt. on bit: 28,000, 75 RPM, 800# pump pressure

12 ¼" bit #1 (in @ 0' out @ 268') = 2.00 hrs. - 268'

7 7/8" bit #1 (in @ 268' out @ 3720') = 104.50 hrs. - 3452'

Fuel usage: 158.40 gals (25" used 4")

Plug well with 210 sacks of 60/40 Poz, 4% gel.

1st plug @ 1300' with 25 sacks. 2nd plug @ 870' with 90 sacks. 3rd plug @ 315' with 40 sacks.

4th plug @ 40' with 10 sacks to surface. Plug rat hole with 30 sacks. Plug mouse hole with 15 sacks.

Job complete @ 12:30 a.m. on 03-10-09 by Allied Cementing (tk #037485)

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