

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: Mull Drilling Company, Inc.  
Address: PO Box 2758, Wichita, KS 67201  
Phone: (316) 264-6366 Operator License #: 5144  
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: 11-22-06 (Date)  
by: Jerry Stapleton (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)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

API Number: 15 - 165-21805-00-00  
Lease Name: Showalter-Bannister  
Well Number: 1-33  
Spot Location (QQQQ): C - NE - NE - NE  
330 Feet from  North /  South Section Line  
207 Feet from  East /  West Section Line  
Sec. 33 Twp. 18 S. R. 20  East  West  
County: Rush  
Date Well Completed: D & A  
Plugging Commenced: 11-24-06  
Plugging Completed: 11-24-06

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'	210'	8 5/8" new 24#	198'	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 215 sacks of 60/40 Poz, 6% gel, 1/4# floeal per sack.

1st plug @ 1470' with 50 sacks. 2nd plug @ 690' with 80 sacks. 3rd plug @ 240' with 40 sacks.

4th plug @ 60' with 20 sacks to surface. Plug rathole with 15 sacks. Plug mouse hole with 10 sacks.

Job complete @ 10:30 am on 11-24-06 by Allied Cementing (tk #26290).

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

Address: PO Box 276, Ellinwood, KS 67526

Name of Party Responsible for Plugging Fees: Mull Drilling Company, Inc.

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 28 day of November, 2006

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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SOUTHWIND DRILLING, INC.  
PLUGGING ORDERS AND REPORTS

Lease: SHOWALTER-BANNISTER

Plugging received from KCC representative:

Name: JERRY STAPLETON Date 11-22-06 Time 8:30

1<sup>st</sup> plug @ 1470 ft. 50 sx. Stands: 24

2nd plug @ 690 ft. 80 sx. Stands: 11 1/2

3rd plug @ 240 ft. 40 sx. Stands: 4

4th plug @ 60 ft. 20 sx. Stands: 1

5th plug @ \_\_\_\_\_ ft. \_\_\_\_\_ sx. Stands: \_\_\_\_\_

Mousehole \_\_\_\_\_ 10 sx.

Rahole \_\_\_\_\_ 15 sx.

Total Cement used: \_\_\_\_\_ 215 sx.

Type of cement 60/40 POZ, 6% GEL, 1/4# CELFLAKE PER SK.

Plug down @ 10:30 A.M. 11-24-06 BY ALLIED T.NO.-26290

Call KCC When Completed:

Name: Jerry Stapleton Date 11-27-06 Time 9:15 am

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# SOUTHWIND DRILLING, INC.

## RIG #1

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

### DRILLING REPORT

Showalter-Bannister #1-33

Location: 330' FNL & 207' FEL  
API#: 15-165-21805-00-00

Section 33-18S-20W  
Rush County, Kansas

OWNER: \_\_\_\_\_: Mull Drilling Company, Inc.  
CONTRACTOR: Southwind Drilling, Inc. Rig #1

COMMENCED: 11-16-06  
COMPLETED: 11-24-06

TOTAL DEPTH: Driller: 4300'  
Logger: 4298'

Ground Elevation: 2159'  
KB Elevation: 2169'

### LOG:

0'	-	213'	Sand/Shale
213'	-	525'	Lime/Shale
525'	-	1410'	Sand/Shale
1410'	-	1440'	Anhydrite
1440'	-	4300'	Shale
		4300'	RTD

### CASING RECORDS

#### Surface casing – 8 5/8"

Ran 5 joints of 24# new 8 5/8" surface casing. Tally @ 198'. Set @ 210'. Cement with 160 sacks of common, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 10:30 pm on 11-16-06 by Allied Cementing (tk #26530).

#### Production casing – 5 1/2"

None- Plugged the well

### DEVIATION SURVEYS

1/2 degree (s)	@	213'
3/4 degree (s)	@	4164'
3/4 degree (s)	@	4300'

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<b>MORNING DRILLING REPORT</b>			Fax to: 316-264-6440			
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Steve Davis 620-459-6406	WELL NAME		Showalter-Bannister #1-33	
			LOCATION		330' FNL & 207' FEL Sec. 33-18S-20W Rush County, KS	
Rig #1 Phone Numbers			Mull Drilling Company, Inc. PO Box 2758 Wichita, KS 67201 316-264-6366			
620-794-2075	Rig Cellular (Dog house)					
620-794-2078	Geologist Trailer Cellular					
620-617-7324	Tool Pusher Cellular	Doug Roberts	ELEVATION	G.L. 2159'	K.B. 2169'	API# 15-165-21805-00-00

**Driving Directions:** From Alexander (School Street & Hwy 96 intersection): 1.1 miles South on Road 120, 1 mile East, Southwest into.

Day 1 Date 11-16-06 Thursday Survey @ 213' = 1/2 degree

Moved Rig #2 on location

Spud @ 4:00 pm

Ran 4.50 hours drilling (1.50 drill rat hole, 3.00 drill 12 1/4"). Down 19.50 hours (7.50 move/rig up, 1.00 connection, 1.00 CTCH, .25 survey, .25 trip, 3.25 run casing, .50 cement, 6.00 wait on cement)

Mud properties: spud mud

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

Wt. on bit: 20,000 100 RPM, 500# pump pressure

12 1/4" bit #1 (in @ 0' out @ 213') = 3.00 hrs. - 213'

1" fuel = 34.50 gals.

Fuel usage: 103.50 gals (80" used 3") Start @ 28" + 55 1/2 delivered = 83 1/2 "

Ran 5 joints of 24# new 8 5/8" surface casing. Tally @ 198'. Set @ 210'. Cement with 160 sacks of common, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 10:30 pm on 11-16-06 by Allied Cementing (tk #26530).

Day 2 Date 11-17-06 Friday Anhydrite (1410'-1440')

7:00 am - Waiting on cement @ 213'

Ran 16.50 hours drilling. Down 7.50 hours (2.00 wait on cement, .50 rig check, 1.50 rig repair, .75 jet, 2.75 connection)

Mud properties: freshwater

Daily Mud Cost = \$669.39. Mud Cost to Date = \$669.39

Wt. on bit: 35,000 80 RPM, 800# pump pressure

12 1/4" bit #1 (in @ 0' out @ 213') = 3.00 hrs. - 213'

7 7/8" bit #1 (in @ 213') = 16.50 hrs. - 1222'

Fuel usage: 226.50 gals (74" used 6")

Day 3 Date 11-18-06 Saturday

7:00 am - Drilling @ 1435'

Ran 19.25 hours drilling. Down 4.75 hours (0.75 rig check, 0.75 rig repair, 1.00 jet, 2.25 connection)

Mud properties: freshwater

Daily Mud Cost = \$0.00. Mud Cost to Date = \$669.39

Wt. on bit: 35,000 80 RPM, 800# pump pressure

12 1/4" bit #1 (in @ 0' out @ 213') = 3.00 hrs. - 213'

7 7/8" bit #1 (in @ 213') = 35.75 hrs. - 2272'

Fuel usage: 415.25 gals (63" used 11")

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<b>MORNING DRILLING REPORT</b>				Fax to: 316-264-6440			
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800			Wellsite Geologist: Steve Davis 620-459-6406		WELL NAME		Showalter-Bannister #1-33
Rig #1 Phone Numbers					LOCATION		330' FNL & 207' FEL Sec. 33-18S-20W Rush County, KS
620-794-2075		Rig Cellular (Dog house)				Mull Drilling Company, Inc. PO Box 2758 Wichita, KS 67201 316-264-6366	
620-794-2078		Geologist Trailer Cellular				ELEVATION	
620-617-7324		Tool Pusher Cellular		Doug Roberts		G.L. 2159'	K.B. 2169'
						API# 15-165-21805-00-00	

**Driving Directions:** From Alexander (School Street & Hwy 96 intersection): 1.1 miles South on Road 120, 1 mile East, Southwest into.

Day 4 Date 11-19-06 Sunday

7:00 am – Drilling @ 2485'  
 Ran 18.75 hours drilling. Down 5.25 hours (1.00 rig check, 2.00 rig repair, .75 jet, 1.50 connection)  
 Mud properties: freshwater  
 Daily Mud Cost = \$3,871.50. Mud Cost to Date = \$4,540.89  
 Wt. on bit: 35,000 80 RPM, 850# pump pressure  
 12 ¼" bit #1 (in @ 0' out @ 213') = 3.00 hrs. - 213'  
 7 7/8" bit #1 (in @ 213') = 54.50 hrs. - 2742'

Fuel usage: 415.25 gals (52" used 11)

Day 5 Date 11-20-06 Monday

7:00 am – Drilling @ 2955'  
 Ran 19.25 hours drilling. Down 4.75 hours (1.00 rig check, .50 rig repair, 2.00 jet, 1.25 connection)  
 Mud properties: wt. 8.6, vis. 68  
 Daily Mud Cost = \$798.45. Mud Cost to Date = \$5,339.34  
 Wt. on bit: 35,000 80 RPM, 800# pump pressure  
 12 ¼" bit #1 (in @ 0' out @ 213') = 3.00 hrs. - 213'  
 7 7/8" bit #1 (in @ 213') = 73.75 hrs. - 3237'

Fuel usage: 345.00 gals (42" used 10")

Day 6 Date 11-21-06 Tuesday

7:00 am – Drilling @ 3450'  
 Ran 21.00 hours drilling. Down 3.00 hours (1.00 rig check, .50 rig repair, 1.50 connection)  
 Mud properties: wt. 9.1, vis. 50  
 Daily Mud Cost = \$96.54. Mud Cost to Date = \$5,435.88  
 Wt. on bit: 35,000 80 RPM, 800# pump pressure  
 12 ¼" bit #1 (in @ 0' out @ 213') = 3.00 hrs. - 213'  
 7 7/8" bit #1 (in @ 213') = 94.75 hrs. - 3762'

Fuel usage: 415.25 gals (31" used 11")

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MORNING DRILLING REPORT				Fax to: 316-264-6440				
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800			Wellsite Geologist: Steve Davis 620-459-6406			WELL NAME		Showalter-Bannister #1-33
						LOCATION		330' FNL & 207' FEL Sec. 33-18S-20W Rush County, KS
Rig #1 Phone Numbers				Mull Drilling Company, Inc. PO Box 2758 Wichita, KS 67201 316-264-6366				
620-794-2075	Rig Cellular (Dog house)							
620-794-2078	Geologist Trailer Cellular							
620-617-7324	Tool Pusher Cellular		Doug Roberts		ELEVATION	G.L. 2159'	K.B. 2169'	API# 15-165-21805-00-00

**Driving Directions:** From Alexander (School Street & Hwy 96 intersection): 1.1 miles South on Road 120, 1 mile East, Southwest into.

Day 7 Date 11-22-06 Wednesday Survey @ 4164' = ¼ degree

DST #1 (?? - 4146')  
Cherokee formation  
Recovered 722' muddy water

7:00 am – Drilling @ 3975'  
Ran 8.50 hours drilling. Down 15.50 hours (.50 rig check, .25 jet, .25 connection, 1.00 CFS @ 4164', 1.00 CTCH, 10.00 trips, .25 survey, 2.25 DST #1)  
Mud properties: wt. 9.2, vis. 55  
Daily Mud Cost = \$693.24. Mud Cost to Date = \$6,129.12  
Wt. on bit: 35,000 80 RPM, 900# pump pressure  
12 ¼" bit #1 (in @ 0' out @ 213') = 3.00 hrs. - 213'  
7 7/8" bit #1 (in @ 213') = 103.25 hrs. - 3951'

Fuel usage: 226.50 gals (53" used 6") 31" + 28" delivered = 59"

Day 8 Date 11-23-06 Thursday Survey @ 4300' = ¼ degree

**RTD = 4300'**  
**LTD = 4298'**

7:00 am – Tripping in with bit after DST #1 @ 4164'  
Ran 5.00 hours drilling. Down 19.00 hours (.25 rig check, 1.50 CFS @ 4300', 1.00 CTCH, 2.00 rig repair, 4.25 trip, 6.50 log, 3.25 lay down drill pipe, .25 survey)  
Mud properties: wt. 9.2, vis. 55  
Daily Mud Cost = \$50.51. Total Mud Cost = \$6,179.63  
Wt. on bit: 35,000 80 RPM, 900# pump pressure  
12 ¼" bit #1 (in @ 0' out @ 213') = 3.00 hrs. - 213'  
7 7/8" bit #1 (in @ 213' out @ 4300') = 108.25 hrs. - 4087'

Fuel usage: 226.50 gals (47" used 6")

Day 9 Date 11-24-06 Friday

7:00 am – Laying down drill pipe to plug the well @ 4300'  
Ran 0.00 hours drilling. Down 16.00 hours (3.50 plug, .50 jet, 12.00 tear down/move off)

Fuel usage: 113.25 gals. (44" used 3")

Plug well with 215 sacks of 60/40 Poz, 6% gel, ¼# floseal per sack.  
1<sup>st</sup> plug @ 1470' with 50 sacks. 2<sup>nd</sup> plug @ 690' with 80 sacks. 3<sup>rd</sup> plug @ 240' with 40 sacks.  
4<sup>th</sup> plug @ 60' with 20 sacks to surface. Plug mouse hole with 10 sacks. Plug rat hole with 15 sacks.  
Job complete @ 10:30 am on 11-24-06 by Allied Cementing (tkt #26290).

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