

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: 10-04-06 (Date)
by: Eric McLaren (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 - 101-21961-00-00
Lease Name: Waterson-Selfridge
Well Number: 1-17
Spot Location (QQQQ): _____ - NE - SE - NE
1519 Feet from North / South Section Line
88 Feet from East / West Section Line
Sec. 17 Twp. 17 S. R. 27 East West
County: Lane
Date Well Completed: D & A
Plugging Commenced: 10-05-06
Plugging Completed: 10-05-06

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'	220'	8 5/8" new 24#	210"	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 225 sacks of 60/40 Poz, 6% gel, 1/4# floesal per sack.
1st plug @ 2190' with 50 sacks. 2nd plug @ 1260' with 50 sacks. 3rd plug @ 630' with 40 sacks.
4th plug @ 240' with 40 sacks. 5th plug @ 60' with 20 sacks to surface. Plug mouse hole with 10 sacks. Plug rat hole with 15 sacks.
Job complete @ 12:00 pm on 10-05-06 by Allied Cementing (tk #26233)

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 9 day of October, 20 06
Renee Kasselmann 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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SOUTHWIND DRILLING, INC. PLUGGING ORDERS AND REPORTS

MULL DRILLING

Lease: WATERSON - SELFRIDGE # 1-17

Plugging received from: ERIC McLAREN Date: 10-04-06 Time: 1:30 P.M.

1st Plug @ 2190 FT. 50 SX Stands: 35

2nd Plug @ 1260 FT. 50 SX Stands: 20

3rd Plug @ 630 FT. 40 SX Stands: 10

4th Plug @ 240 FT. 40 SX Stands: 4

5th Plug @ 60 FT. 20 SX Stands: 1

Mousehole 10 SX

Rathole 15 SX

Total Cement used: 225 SX

Type of cement: 60/40 poz 690gel 1/4# floreal per sx

Plug down at 12:30 PM 10-5-06 by Allied Ticker #26233

Call State When Completed:

Name STEVE DURANT Date: 10-05-06 Time: 1:30 PM

NE/SE/NE SEC 17 Twp. 17S Range 27W LANE CO.

1519' FNL 88' FEL

API # 15-101-21961

ANHYDRITE = 2140 to 2171

RTD = 4700 LOG TD 4698

FORMATION @ TD MISSISSIPPI

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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

Waterson-Selfridge #1-17

Location: 1519' FNL & 88' FEL
API#: 15-101-21961-00-00

Section 17-17S-27W
Lane County, Kansas

OWNER: : Mull Drilling Compnay, Inc.
CONTRACTOR: Southwind Drilling, Inc. Rig #1

COMMENCED: 09-25-06
COMPLETED: 10-05-06

TOTAL DEPTH: Driller: 4700'
Logger: 4698'

Ground Elevation: 2707'
KB Elevation: 2717'

LOG :

0'	-	624'	Sand/Lime
624'	-	1555'	Sand/Shale
155'	-	2140'	Shale
2140'	-	2171'	Anhydrite
2171'	-	3215'	Sand/Shale
3215'	-	4220'	Shale
4220'	-	4310'	Lime/Shale
4310'	-	4700'	Shale
		4700'	RTD

CASING RECORDS

Surface casing – 8 5/8"

Ran 5 joints of 24# new 8 5/8" surface casing. Tally @ 210'. Set @ 222'. Cement with 160 sacks of common, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 1:00 am on 09-26-06 06 by Allied Cementing (tk# 26222).

Production casing – 5 1/2"

None – plugged the well

DEVIATION SURVEYS

1/4 degree (s)	@	225'
0 degree (s)	@	4310'
1 degree (s)	@	4606'

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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: Kevin Kessler 316-522-7338 (home) 316-706-6636 (mobile)		WELL NAME		Waterson-Selfridge #1-17	
Rig #1 Phone Numbers		IN USE		LOCATION		1519' FNL & 88' FEL Sec. 17-17S-27W Lane County, KS	
620-794-2075	Rig Cellular (Dog house)	Yes		Mull Drilling Company, Inc. PO Box 2758 Wichita, KS 67201 316-264-6366			
620-794-2078	Geologist Trailer Cellular	Yes		ELEVATION		G.L. 2707'	K.B. 2717'
620-617-7324	Tool Pusher Cellular	Yes	Doug Roberts	API# 15-101-21961-00-00			

Driving Directions: From Shields (Hwy 4 & Park): 5.1 miles East on Hwy 4, 4 miles South, SE into.

Day 1 Date 09-25-06 Monday Survey @ 225' = ¼ degree

Moved Rig #1 on location

Spud @ 5:30 pm

Ran 2.50 hours drilling (.75 drill rat hole, 1.75 drill 12 ¼"). Down 21.50 hours (9.25 move/rig up, .75 connection, .50 CTCH, .25 survey, .25 trip, 1.00 run casing, .25 circulate, .25 cement, 6.00 wait on cement, 3.00 rig repair)

Mud properties: spud mud

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

Wt. on bit: 20,000, 120 RPM, 500# pump pressure

12 ¼" bit #1 (in @ 0' out @ 225') = 1.75 hrs. - 225'

1" fuel = 37.75 gals.

Fuel usage: 37.75 gals. (29" used 1") start @ 30"

Ran 5 joints of 24# new 8 5/8" surface casing. Tally @ 210'. Set @ 222'. Cement with 160 sacks of common, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 1:00 am on 09-26-06 06 by Allied Cementing (tk# 26222).

Day 2 Date 09-26-06 Tuesday

7:00 am - Waiting on cement @ 225'

Ran 16.00 hours drilling. Down 8.00 hours (2.00 wait on cement, .50 rig check, 3.25 connection, 1.25 rig repair, 1.00 jet)

Mud properties: freshwater

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

Wt. on bit: 35,000, 80 RPM, 900# pump pressure

12 ¼" bit #1 (in @ 0' out @ 225') = 1.75 hrs. - 225'

7 7/8" bit #1 (in @ 225') = 16.00 hrs. - 1330'

Fuel usage: 56.63 gals. (27 ½ "used 1 ½ ")

Day 3 Date 09-27-06 Wednesday Anhydrite (2140'-2171')

7:00 am - Drilling @ 1555'

Ran 15.00 hours drilling. Down 9.00 hours (.75 rig check, .50 jet, 2.50 connection, 4.50 lost circulation @ 1700', .25 rig repair, .50 lost circulation @ 2194')

Mud properties: freshwater

Daily Mud Cost = \$2,467.75 Mud Cost to Date = \$2,467.75

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

12 ¼" bit #1 (in @ 0' out @ 225') = 1.75 hrs. - 225'

7 7/8" bit #1 (in @ 225') = 31.00 hrs. - 1965'

Fuel usage: 490.75 gals. (75 ½ "used 13") 27 ½" + 61" delivered = 88 ½"

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Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Kevin Kessler 316-522-7338 (home) 316-706-6636 (mobile)		WELL NAME		Waterson-Selfridge #1-17	
				LOCATION		1519' FNL & 88' FEL Sec. 17-17S-27W Lane County, KS	
Rig #1 Phone Numbers				Mull Drilling Company, Inc. PO Box 2758 Wichita, KS 67201 316-264-6366			
		IN USE					
620-794-2075	Rig Cellular (Dog house)	Yes					
620-794-2078	Geologist Trailer Cellular	Yes					
620-617-7324	Tool Pusher Cellular	Yes	Doug Roberts				
				ELEVATION	G.L. 2707'	K.B. 2717'	API# 15-101-21961-00-00

Driving Directions: From Shields (Hwy 4 & Park): 5.1 miles East on Hwy 4, 4 miles South, SE into.

Day	4	Date	09-28-06	Thursday
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7:00 am – Drilling @ 2190'
Ran 20.75 hours drilling. Down 3.25 hours (.75 rig check, 1.00 jet, 1.50 connection)
Mud properties: freshwater
Daily Mud Cost = \$1,464.10 Mud Cost to Date = \$2,467.75
Wt. on bit: 35,000, 80 RPM, 900# pump pressure
12 ¼" bit #1 (in @ 0' out @ 225') = 1.75 hrs. - 225'
7 7/8" bit #1 (in @ 225') = 51.75 hrs. - 2990'

Fuel usage: 434.13 gals. (64 "used 11 ½")

Day	5	Date	09-29-06	Friday
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7:00 am – Drilling @ 3215'
Ran 20.25 hours drilling. Down 3.75 hours (.50 rig check, 2.50 jet, .50 connection, .25 rig repair)
Mud properties: wt. 8.7, vis. 51
Daily Mud Cost = \$3,915.55 Mud Cost to Date = \$6,383.30
Wt. on bit: 35,000, 80 RPM, 900# pump pressure
12 ¼" bit #1 (in @ 0' out @ 225') = 1.75 hrs. - 225'
7 7/8" bit #1 (in @ 225') = 72.00 hrs. - 3520'

Fuel usage: 377.50 gals. (54 "used 10")

Day	6	Date	09-30-06	Saturday
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7:00 am – Drilling @ 3745'
Ran 20.50 hours drilling. Down 3.50 hours (.75 rig check, 1.00 connection, .75 CFS @ 4045', 1.00 CFS @ 4110')
Mud properties: wt. 9.2, vis. 46
Daily Mud Cost = \$1,547.64. Mud Cost to Date = \$7,930.94
Wt. on bit: 35,000, 80 RPM, 950# pump pressure
12 ¼" bit #1 (in @ 0' out @ 225') = 1.75 hrs. - 225'
7 7/8" bit #1 (in @ 225') = 92.50 hrs. - 3996'

Fuel usage: 443.56 gals. (42 1/4 "used 11 3/4")

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Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Kevin Kessler 316-522-7338 (home) 316-706-6636 (mobile)		WELL NAME		Waterson-Selfridge #1-17	
				LOCATION		1519' FNL & 88' FEL Sec. 17-17S-27W Lane County, KS	
Rig #1 Phone Numbers				Mull Drilling Company, Inc.			
		IN USE		PO Box 2758 Wichita, KS 67201 316-264-6366			
620-794-2075	Rig Cellular (Dog house)	Yes					
620-794-2078	Geologist Trailer Cellular	Yes					
620-617-7324	Tool Pusher Cellular	Yes	Doug Roberts				
				ELEVATION	G.L. 2707'	K.B. 2717'	API# 15-101-21961-00-00

Driving Directions: From Shields (Hwy 4 & Park): 5.1 miles East on Hwy 4, 4 miles South, SE into.

Day	7	Date	10-01-06	Sunday	DST #1 (4270'-4310')
					LKC "K" formation
					Recovered 20' mud
					Survey @ 4310' = 0 degree

7:00 am - Drilling @ 4221'

Ran 5.25 hours drilling. Down 18.75 hours (.25 rig check, .25 jet, .50 connection, .25 survey, 1.00 CFS @4280', 1.50 CFS @ 4310', 2.25 CTCH, 10.50 trips, 2.25 DST #1)

Mud properties: wt. 9.1, vis. 54

Daily Mud Cost = \$0.00. Mud Cost to Date = \$7,930.94

Wt. on bit: 35,000, 70 RPM, 950# pump pressure

12 1/4" bit #1 (in @ 0' out @ 225') = 1.75 hrs. - 225'

7 7/8" bit #1 (in @ 225') = 97.75 hrs. - 4105'

Fuel usage: 254.81 gals. (35 1/2 "used 6 3/4")

Day	8	Date	10-02-06	Monday	DST #2 (4310'-4370')
					Marmaton formation
					Recovered 15' oil cut mud

7:00 am - Drilling @ 4330'

Ran 8.50 hours drilling. Down 15.50 hours (.50 rig check, .25 connection, .25 jet, 1.00 CFS @ 4350', 1.00 CFS @ 4370', 8.75 trips, 2.25 DST #2, 1.00 CTCH, .50 rig repair)

Mud properties: wt. 9.1, vis. 58

Daily Mud Cost = \$69.57. Mud Cost to Date = \$8,000.55

Wt. on bit: 35,000, 60 RPM, 950# pump pressure

12 1/4" bit #1 (in @ 0' out @ 225') = 1.75 hrs. - 225'

7 7/8" bit #1 (in @ 225') = 106.25 hrs. - 4221'

Fuel usage: 245.38 gals. (29 "used 6 1/2")

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Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Kevin Kessler 316-522-7338 (home) 316-706-6636 (mobile)		WELL NAME		Waterson-Selfridge #1-17	
				LOCATION		1519' FNL & 88' FEL Sec. 17-17S-27W Lane County, KS	
Rig #1 Phone Numbers				Mull Drilling Company, Inc. PO Box 2758 Wichita, KS 67201 316-264-6366			
		IN USE					
620-794-2075	Rig Cellular (Dog house)	Yes					
620-794-2078	Geologist Trailer Cellular	Yes					
620-617-7324	Tool Pusher Cellular	Yes	Doug Roberts				
				ELEVATION	G.L. 2707'	K.B. 2717'	API# 15-101-21961-00-00

Driving Directions: From Shields (Hwy 4 & Park): 5.1 miles East on Hwy 4, 4 miles South, SE into.

Day 9 Date 10-03-06 Tuesday

7:00 am – Drilling @ 4446'

Ran 11.75 hours drilling. Down 12.25 hours (.75 rig check, .25 connection, 1.00 CFS @ 4550', 1.25 CFS @ 4606', .25 survey, 1.00 CTCH, 4.50 trips, 3.25 rig repair)

Mud properties: wt. 9.2, vis. 46, water loss 8.0

Daily Mud Cost = \$979.84. Mud Cost to Date = \$8,980.39

Wt. on bit: 35,000, 60 RPM, 950# pump pressure

12 1/4" bit #1 (in @ 0' out @ 225') = 1.75 hrs. - 225'

7 7/8" bit #1 (in @ 225') = 118.00 hrs. - 4381'

Fuel usage: 358.63 gals. (19 1/2 "used 9 1/2 ")

Day 10 Date 10-04-06 Wednesday Survey @ 4606' = 1 degree

DST #3 (4546'-4606')

Mississippi formation

Recovered 5' mud

RTD = 4700'

LTD = 4698'

7:00 am – Tripping in with test tool for DST #3 @ 4606'

Ran 4.50 hours drilling. Down 19.50 hours (1.50 DST #3, 1.00 CTCH, .25 jet, .50 connection, 1.00 CFS @ 4700', .25 rig check, 2.50 log, 2.75 lay down drill pipe, 1.50 rig repair, 8.25 trips)

Mud properties: wt. 9.3, vis. 54, water loss 10.0

Daily Mud Cost = \$498.51. **Total Mud Cost = \$9,478.90**

Wt. on bit: 35,000, 80 RPM, 750# pump pressure

12 1/4" bit #1 (in @ 0' out @ 225') = 1.75 hrs. - 225'

7 7/8" bit #1 (in @ 225' out @ 4700') = 122.50 hrs. - 4475'

Fuel usage: 169.88 gals. (15 "used 4 1/2 ")

Day 11 Date 10-05-06 Thursday

7:00 am – Plugging the well @ 4700'

Ran 0.00 hours drilling. Down 16.00 hours (1.50 lay down drill pipe, 1.00 trip, 2.50 plug well, 11.00 tear down)

Plug well with 225 sacks of 60/40 Poz, 6% gel, 1/4# floseal per sack.

1st plug @ 2190' with 50 sacks. 2nd plug @ 1260' with 50 sacks. 3rd plug @ 630' with 40 sacks. 4th plug @ 240' with 40 sacks. 5th plug @ 60' with 20 sacks to surface. Plug mouse hole with 10 sacks. Plug rat hole with 15 sacks. Job complete @ 12:00 pm on 10-05-06 by Allied Cementing (tk#26233)

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ALLIED CEMENTING CO., INC.

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

26233
SERVICE POINT: Neosho City

DATE <u>10-5-06</u>	SEC. <u>17</u>	TWP. <u>17</u>	RANGE <u>27</u>	CALLED OUT <u>3:15pm</u>	ON LOCATION <u>8:15am</u>	JOB START <u>9:30am</u>	JOB FINISH <u>12:00 PM</u>
LEASE <u>Watson-Selfridge</u>			WELL # <u>1-17</u>	LOCATION <u>Alamota 8N W.S.</u>		COUNTY <u>Lincoln</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Southland Drilling
 TYPE OF JOB Rotary Plus
 HOLE SIZE 7 7/8 T.D. 4700
 CASING SIZE 8 7/8 DEPTH 222
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT

OWNER _____
 CEMENT AMOUNT ORDERED 225 6 3/4 6 3/4
 COMMON @ _____
 POZMIX @ _____
 GEL @ _____
 CHLORIDE @ _____
 ASC @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 HANDLING @ _____
 MILEAGE 30
 TOTAL _____

EQUIPMENT

PUMP TRUCK CEMENTER Dean
 # 224 HELPER J. Williams
 BULK TRUCK
 # 218 DRIVER Larry
 BULK TRUCK
 # DRIVER

REMARKS:

<u>50</u>	<u>2190</u>
<u>50</u>	<u>1260</u>
<u>40</u>	<u>630</u>
<u>40</u>	<u>240</u>
<u>20</u>	<u>60</u>
<u>15</u>	<u>RH.</u>
<u>10</u>	<u>M.H.</u>

THANKS

SERVICE

DEPTH OF JOB 2190
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE @ _____
 MILEAGE 30 @ _____
 MANIFOLD @ _____
 @ _____
 @ _____

CHARGE TO: Mull Drilling
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

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.

SIGNATURE Days Roberts

TOTAL RECEIVED
 TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____
 OCT 11 2006
KCC WICHITA
 IF PAID IN 30 DAYS

PRINTED NAME Days Roberts