

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: L.D. Drilling, Inc.
Address: 7 SW 26 Ave., Great Bend, KS 67530
Phone: (620) 793-3051 Operator License #: 6039
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: 04-24-07 (Date)
by: Jim Holland (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 - 165-21816-00-00
Lease Name: Thielenhaus
Well Number: 1
Spot Location (QQQQ): C - SW - NE - NE
1180 Feet from North / South Section Line
930 Feet from East / West Section Line
Sec. 31 Twp. 16 S. R. 16 East West
County: Rush
Date Well Completed: D & A
Plugging Commenced: 04-25-07
Plugging Completed: 04-25-07

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'	1106'	8 5/8" new 24#	1095.60'	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 145 sacks of 60/40 Poz, 6% gel.

1st plug @ 1130' with 50 sacks. 2nd plug @ 500' with 50 sacks. 3rd plug @ 60' with 20 sacks to surface.

Plug mouse hole with 10 sacks. Plug rat hole with 15 sacks.

Job complete @ 1:15 pm on 04-25-07 by Allied Cementing (tk #30615).

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

Address: PO Box 276, Ellinwood, KS 67526

Name of Party Responsible for Plugging Fees: L.D. Drilling, Inc.

State of Kansas County, Barton, ss.

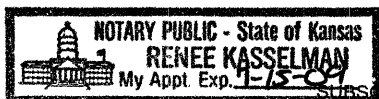
Todd E. Morgenstern, VP/OP of Southwind Drilling, Inc.

(Employee of Operator) or (Operator) on above-described well, being first duty

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 26 day of April, 20 07

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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APR 30 2007

CONSERVATION DIVISION
WICHITA, KS

PT

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

Lease: THIELENHAUS #1 (L.D. DRILLING)

Plugging received from KCC representative:

Name: JIM HOLLAND Date 4-24-07 Time 2:30 P.M.

1st plug @ 1130 ft. 50 sx. Stands: 18

2nd plug @ 500 ft. 50 sx. Stands: 8

3rd plug @ 60' ft. 20 sx. Stands: 1

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

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

Mousehole _____ 10 sx.

Rahole _____ 15 sx.

Total Cement used: _____ 145 sx.

Type of cement 60/40 Poz, 6% GEL

Plug down @ 1:15 P.M. BY ALLIED, TEL # 30615

Call KCC When Completed:

Name: JERRY STAPLETON Date 4-25-07 Time 1:15 P.M.

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WICHITA, KS

ALLIED CEMENTING CO., INC.

30615

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

SERVICE POINT:

Great Bend

DATE <u>4.25.07</u>	SEC. <u>31</u>	TWP. <u>16</u>	RANGE <u>16</u>	CALLED OUT <u>9:00am</u>	ON LOCATION <u>11:00am</u>	JOB START <u>12:00pm</u>	JOB FINISH <u>1:00pm</u>
LEASE <u>Thompson</u>	WELL # <u>1</u>	LOCATION <u>Site 4 west to Corral #350</u>			COUNTY <u>Rush</u>	STATE <u>Ka</u>	
OLD OR NEW (Circle one)			<u>5 3/4 inch</u>				

CONTRACTOR Southwind
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 1/2 T.D. 3598'
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 1130
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER Z.A. Drilling Inc.
 CEMENT AMOUNT ORDERED 145 cu 60/100 bag

COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____
 TOTAL _____

EQUIPMENT

UB
 PUMP TRUCK CEMENTER Z.A. Drilling Inc.
 #181 HELPER Kevin Davis
 BULK TRUCK DRIVER Steve Turley
 #341
 BULK TRUCK DRIVER _____
 # _____

REMARKS:

1st 1130' 50 cu
2nd 500' 50 cu
3rd 60' 20 cu
4th 15 cu in rat hole
5th 10 cu in mouse hole

CHARGE TO: Z.A. Drilling Inc
 STREET 7 SW 26 AVE
 CITY Great Bend STATE Kansas ZIP 67530

Thanks

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 X [Signature]

SERVICE
 DEPTH OF JOB 1130'
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____
 MANIFOLD _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

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CONSERVATION DIVISION
RUSH CO. KS
RIGS & FLOAT EQUIPMENT

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE X [Signature]
 PRINTED NAME _____

Thank you!

SOUTHWIND DRILLING, INC.
RIG #2

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

DRILLING REPORT

Thielenhaus #1

Location: 1180' FNL & 930' FEL
API#: 15-165-21816-00-00

Section 31-16S-16W
Rush County, Kansas

OWNER: _____ : L.D. Drilling, Inc.
CONTRACTOR: Southwind Drilling, Inc. Rig #2

COMMENCED: 04-17-07
COMPLETED: 04-25-07

TOTAL DEPTH: Driller: 3598'
Logger: None

Ground Elevation: 1992'
KB Elevation: 2001'

LOG:

0' - 1106' Redbed/Shale
1106' - 1885' Shale
1885' - 3598' Lime/Shale
3598' RTD

CASING RECORDS

Surface casing – 8 5/8"

Ran 26 joints of 24# new 8 5/8" surface casing. Tally @ 1095.60'. Set @ 1106'. Cement with 210 sacks of A-Con and 210 sacks of 60/40 Poz. Cement did circulate. Plug down @ 6:30 am on 04-19-07 by Jet Star (tk #16103).

Production casing – 5 1/2"

None – plugged the well

DEVIATION SURVEYS

1 1/2 degree (s) @ 1106'
1 degree (s) @ 3050'

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WICHITA, KS

MORNING DRILLING REPORT				Fax to: 620-793-7237			
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800			Wellsite Geologist: Kim Shoemaker 316-250-2013 620-792-2621	WELL NAME		Thielenhaus #1	
Rig #2 Phone Numbers				LOCATION		1180' FNL & 930' FEL Sec. 31-16S-16W Rush County, KS	
620-617-5921			Rig Cellular (Dog house)	Yes	L.D. Drilling, Inc. 7 SW 26 th Great Bend, KS 67530 620-793-3051		
620-617-5920			Geologist Trailer Cellular	No	ELEVATION		G.L. 1992' K.B. 2001' API# 15-165-21816-00-00
620-450-7682			Tool Pusher Cellular	Yes	LeWayne Tresner		

Driving Directions: From Liebenthal (Hwy 183 & paved road): 10 ½ miles East, 2 miles South, Southwest into.

Day	1	Date	04-17-07	Tuesday
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Moved Rig #2 on location

Spud @ 7:30 pm

Ran 10.75 hours drilling (0.50 rat hole, 10.25 drill 12 ¼ "). Down 13.25 hours (12.00 move/rig up, .25 rig check, 1.00 connection)

Mud properties: wt. 10.1, vis. 60

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

Wt. on bit: 10,000, 120 RPM, 500# pump pressure

12 ¼" bit #1 (in @ 0') = 10.25 hrs. - 609'

1" fuel = 34.50 gals.

Fuel usage: 172.50 gals (49" used 5") Start @ 54"

Day	2	Date	04-18-07	Wednesday	Survey @ 1106' = 1 ½ degree
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7:00 am - Drilling @ 609'

Ran 11.75 hours drilling. Down 12.25 hours (.25 rig check, 1.50 jet, 3.25 trip, 1.00 rig repair, 1.50 connection, .25 circulate, 3.75 run casing/cement, .25 survey, .50 wait on cement)

Mud properties: wt. 11.2, vis. 49

Daily Mud Cost = \$996.65. Mud Cost to Date = \$996.65

Wt. on bit: 15,000, 120 RPM, 500# pump pressure

12 ¼" bit #1 (in @ 0' out @ 937') = 15.00 hrs. - 937'

12 ½" bit #2 (in @ 937' out @ 1106') = 7.00 hrs. - 169'

Fuel usage: 207.00 gals (43" used 6")

Ran 26 joints of 24# new 8 5/8" surface casing. Tally @ 1095.60'. Set @ 1106'. Cement with 210 sacks of A-Con and 210 sacks of 60/40 Poz. Cement did circulate. Plug down @ 6:30 am on 04-19-07 by Jet Star (tk #16103).

Day	3	Date	04-19-07	Thursday	Anhydrite (1100'-1134')
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7:00 am - Waiting on cement @ 1106'

Ran 11.75 hours drilling. Down 12.25 hours (7.50 wait on cement, .50 drill plug, .25 rig check, 2.50 connection, 1.00 jet, .50 rig repair)

Mud properties: wt. 9.4, vis. 28

Daily Mud Cost = \$278.25. Mud Cost to Date = \$1,274.90

Wt. on bit: 20,000, 80 RPM, 800# pump pressure

12 ¼" bit #1 (in @ 0' out @ 937') = 15.00 hrs. - 937'

12 ½" bit #2 (in @ 937' out @ 1106') = 7.00 hrs. - 169'

7 7/8" bit #1 (in @ 1106') = 11.75 hrs. - 779'

Fuel usage: 276.00 gals (83" used 8") 43" + 48" delivered = 91"

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MORNING DRILLING REPORT				Fax to: 620-793-7237			
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800			Wellsite Geologist: Kim Shoemaker 316-250-2013 620-792-2621		WELL NAME		Thielenhaus #1
Rig #2 Phone Numbers					LOCATION		1180' FNL & 930' FEL Sec. 31-16S-16W Rush County, KS
620-617-5921			Rig Cellular (Dog house)		Yes		
620-617-5920			Geologist Trailer Cellular		No		
620-450-7682			Tool Pusher Cellular		Yes		LeWayne Tresner
				L.D. Drilling, Inc. 7 SW 26 th Great Bend, KS 67530 620-793-3051			
ELEVATION		G.L. 1992'		K.B. 2001'		API# 15-165-21816-00-00	

Driving Directions: From Liebenthal (Hwy 183 & paved road): 10 ½ miles East, 2 miles South, Southwest into.

Day	4	Date	04-20-07	Friday
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7:00 am – Drilling @ 1885'
Ran 19.50 hours drilling. Down 4.50 hours (.75 rig check, 1.50 connection, 1.00 jet, 1.25 rig repair)
Mud properties: wt. 9.6, vis. 49
Daily Mud Cost = \$1,175.33. Mud Cost to Date = \$2,450.23
Wt. on bit: 25,000, 80 RPM, 800# pump pressure
12 ¼" bit #1 (in @ 0' out @ 937') = 15.00 hrs. - 937'
12 ½" bit #2 (in @ 937' out @ 1106') = 7.00 hrs. - 169'
7 7/8" bit #1 (in @ 1106') = 31.25 hrs. - 1400'

Fuel usage: 414.00 gals (71" used 12")

Day	5	Date	04-21-07	Saturday
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7:00 am – Drilling @ 2506'
Ran 19.25 hours drilling. Down 4.75 hours (.75 rig check, 1.25 connection, 1.25 displace @ 2538', 1.00 rig repair, .50 CFS @ 3035')
Mud properties: wt. 9.0, vis. 43, water loss 12.0
Daily Mud Cost = \$2,221.75. Mud Cost to Date = \$4,671.98
Wt. on bit: 30,000, 80 RPM, 800# pump pressure
12 ¼" bit #1 (in @ 0' out @ 937') = 15.00 hrs. - 937'
12 ½" bit #2 (in @ 937' out @ 1106') = 7.00 hrs. - 169'
7 7/8" bit #1 (in @ 1106') = 50.50 hrs. - 1929'

Fuel usage: 310.50 gals (62" used 9")

Day	6	Date	04-22-07	Sunday
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Survey @ 3050' = 1 degree
Pipe strap = 2.96 short to the board

DST #1 (2988'-3050')
Topeka formation
Recovered 165' gas in pipe and
15' gas cut mud

7:00 am – CFS @ 3035'
Ran 8.25 hours drilling. Down 15.75 hours (.25 rig check, .50 connection, .75 CFS @ 3035', 1.00 CFS @ 3050', 2.00 CTCH, 9.00 trip, 2.00 DST #1, .25 survey)
Mud properties: wt. 9.0, vis. 44, water loss 10.0
Daily Mud Cost = \$1,138.83. Mud Cost to Date = \$5,810.81
Wt. on bit: 30,000, 80 RPM, 775# pump pressure
12 ¼" bit #1 (in @ 0' out @ 937') = 15.00 hrs. - 937'
12 ½" bit #2 (in @ 937' out @ 1106') = 7.00 hrs. - 169'
7 7/8" bit #1 (in @ 1106') = 58.75 hrs. - 2099'

Fuel usage: 276.00 gals (54" used 8")

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WICHITA, KS

MORNING DRILLING REPORT			Fax to: 620-793-7237			
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Kim Shoemaker 316-250-2013 620-792-2621		WELL NAME Thielenhaus #1		
Rig #2 Phone Numbers				LOCATION 1180' FNL & 930' FEL Sec. 31-16S-16W Rush County, KS		
620-617-5921	Rig Cellular (Dog house)	Yes	L.D. Drilling, Inc. 7 SW 26 th Great Bend, KS 67530 620-793-3051			
620-617-5920	Geologist Trailer Cellular	No	ELEVATION G.L. 1992' K.B. 2001' API# 15-165-21816-00-00			
620-450-7682	Tool Pusher Cellular	Yes	LeWayne Tresner			

Driving Directions: From Liebenthal (Hwy 183 & paved road): 10 ½ miles East, 2 miles South, Southwest into.

Day	7	Date	04-23-07	Monday	DST #2 (3365'-3413')
					LKC "H" – "J" formation
					Recovered 15' mud

7:00 am – Drilling @ 3205'
 Ran 13.00 hours drilling. Down 11.00 hours (.50 rig check, .75 connection, .50 CFS @ 3368', 1.50 CTCH, 6.75 trip, 1.00 DST #2)
 Mud properties: wt. 9.2, vis. 50, water loss 9.2
 Daily Mud Cost = \$605.42. Mud Cost to Date = \$6,416.23
 Wt. on bit: 30,000, 80 RPM, 775# pump pressure
 12 ¼" bit #1 (in @ 0' out @ 937') = 15.00 hrs. - 937'
 12 ½" bit #2 (in @ 937' out @ 1106') = 7.00 hrs. - 169'
 7 7/8" bit #1 (in @ 1106') = 71.75 hrs. - 2334'

Fuel usage: 172.50 gals (49" used 5")

Day	8	Date	04-24-07	Tuesday	DST #3 (3449'-3515')
					LKC "I" – "L" formation
					Recovered 5' oil cut mud

RTD = 3598'
LTD = None

7:00 am – Drilling @ 3440'
 Ran 8.25 hours drilling. Down 15.75 hours (.75 rig check, 1.00 CFS @ 3515', .75 CFS @ 3567', .50 CFS @ 3598', 7.25 trip, 2.00 DST #3. .50 CTCH, 3.00 lay down pipe)
 Mud properties: wt. 9.3, vis. 50, water loss 10.8
 Daily Mud Cost = \$95.40. Total Mud Cost = \$6,511.63
 Wt. on bit: 30,000, 80 RPM, 775# pump pressure
 12 ¼" bit #1 (in @ 0' out @ 937') = 15.00 hrs. - 937'
 12 ½" bit #2 (in @ 937' out @ 1106') = 7.00 hrs. - 169'
 7 7/8" bit #1 (in @ 1106' out @ 3598) = 80.00 hrs. - 2492'

Fuel usage: 379.50 gals (38" used 11")

Day	9	Date	04-25-07	Wednesday
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7:00 am – Plugging the well @ 3598'
 Ran 0.00 hours drilling. Down 16.00 hours (5.00 lay down pipe/nipple down, 1.25 plug, 9.75 tear down)

Fuel usage: 69.00 gals (36" used 2")

Plug well with 145 sacks of 60/40 Poz, 6% gel.
 1st plug @ 1130' with 50 sacks. 2nd plug @ 500' with 50 sacks. 3rd plug @ 60' with 20 sacks to surface.
 Plug mouse hole with 10 sacks. Plug rat hole with 15 sacks.
 Job complete @ 1:15 pm on 04-25-07 by Allied Cementing (tk #30615)

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