

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: Mai Oil Operations, Inc.
Address: PO Box 33, Russell, KS 67665
Phone: (785) 483-2169 Operator License #: 5259
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: 06-18-08 (Date)
by: David Wahn (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 - 167-23519-00-00
Lease Name: Brungardt-Nuss Unit
Well Number: 1
Spot Location (QQQQ): 230'S - SE - SE - NW
2540 Feet from North / South Section Line
2310 Feet from East / West Section Line
Sec. 27 Twp. 15S S. R. 14 East West
County: Russell
Date Well Completed: D & A
Plugging Commenced: 06-20-08
Plugging Completed: 06-20-08

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 report		0'	436'	8 5/8" used 25#	426.81'	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, 4% gel, 1/4# floseal per sack.

1st plug @ 3368' with 25 sacks. 2nd plug @ 930' with 25 sacks. 3rd plug @ 480' with 70 sacks.

4th plug @ 40' with 10 sacks to surface. Plug rat hole with 15 sacks. No mouse hole.

Job complete @ 10:30 am on 06-20-08 by Allied Cementing (tk #34732)

Name of Plugging Contractor: Southwind Drilling, Inc. License #: 33350
Address: PO Box 276, Ellinwood, KS 67526

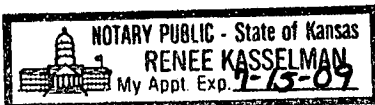
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Name of Party Responsible for Plugging Fees: Mai Oil Operations, Inc.
State of Kansas County, Barton, ss.

JUN 26 2008

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 25 day of June, 2008
Renee Kasselmann My Commission Expires: 7-15-09
Notary Public

SOUTHWIND DRILLING, INC.
PLUGGING ORDERS AND REPORTS

Lease: Blungardt - Nuss #1

Plugging received from KCC representative:

Name: DAVID Wann Date 6-18-08 Time 4:25

1st plug @ 3368 ft. 25 sx. Stands: 54

2nd plug @ 930 ft. 25 sx. Stands: 15

3rd plug @ 480 ft. 70 sx. Stands: 7 1/2

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

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

Mousehole _____ sx.

Rahole 15 sx.

Total Cement used: 145 sx.

Type of cement 60/40 P02 40/10 Gel 1/4" Floseal

Plug down @ 10:30 AM 6-20-08

Call KCC When Completed:

Name: Bruce Bascy Date 6-20-08 Time 10:45

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CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., LLC. 34732

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

SERVICE POINT:
Russell

DATE <u>6-20-08</u>	SEC. <u>27</u>	TWP. <u>15</u>	RANGE <u>14</u>	CALLED OUT	ON LOCATION	JOB START <u>10:00a.m.</u>	JOB FINISH <u>10:30a.m.</u>
LEASE <u>Dr. ingard - Russell</u>		WELL # <u>1</u>		LOCATION <u>Russell & ST. Mary Rd</u>		COUNTY <u>Russell</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>				<u>1w 1/25 F. nro</u>			

CONTRACTOR Southwind Drilling
 TYPE OF JOB Rotary Plug
 HOLE SIZE _____ T.D. 3440
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER Craig
 # 200 HELPER Matt
 BULK TRUCK
 # 473 DRIVER Archie
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

<u>1st</u>	<u>3368</u>	<u>25965</u>
<u>2nd</u>	<u>930</u>	<u>25965</u>
<u>3rd</u>	<u>480</u>	<u>70965</u>
<u>4th</u>	<u>415</u>	<u>10965</u>

Rethole 15965

Thanks!

CHARGE TO: Mr.
 STREET _____
 CITY _____ STATE _____ ZIP _____

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 CONSERVATION DIVISION

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 Jay Kriet
 SIGNATURE Jay Kriet

OWNER _____
 CEMENT
 AMOUNT ORDERED 145 60/40 40% 601
1/4 # 10

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

TOTAL _____

SERVICE

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

TOTAL _____

PLUG & FLOAT EQUIPMENT

1 85/8 Union Plug
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL _____

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SOUTHWIND DRILLING, INC.

RIG #3

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

DRILLING REPORT

Brungardt-Nuss Unit #1

Location: 2540' FNL & 2310' FWL
API#: 15-167-23519-00-00

Section 27-15S-14W
Russell County, Kansas

OWNER: : Mai Oil Operations, Inc.
CONTRACTOR: Southwind Drilling, Inc. Rig #3

COMMENCED: 06-13-08
COMPLETED: 06-20-08

TOTAL DEPTH: Driller: 3440'
Logger: 3440'

Ground Elevation: 1913'
KB Elevation: 1921'

LOG :

0'	-	436'	Shale
436'	-	926'	Shale/Redbed
926'	-	956'	Anhydrite
956'	-	1890'	Redbed/Shale
1890'	-	2180'	Shale
2180'	-	3440'	Lime/Shale
		3440'	RTD

CASING RECORDS

Surface casing – 8 5/8"

Ran 11 joints of 25# used 8 5/8" surface casing. Tally @ 426.81'. Set @ 436'. Cement with 225 sacks of common , 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 3:30 a.m. on 06-14-08 by Allied Cementing (tk #34727)

Production casing – 5 1/2"

None- plugged the well

DEVIATION SURVEYS

3/4 degree (s) @ 436'
3/4 degree (s) @ 3334'

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CONSERVATION DIVISION
WICHITA, KS

MORNING DRILLING REPORT				Fax to: Allen Bangert & Mai Oil/ Email to: Kitt Noah			
Southwind Drilling, Inc. PO Box 276 - 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Kitt Noah		WELL NAME		Brungardt-Nuss Unit #1	
				LOCATION		2540' FNL & 2310' FWL Sec. 27-15S-14W Russell County, KS	
Rig #3 Phone Numbers				Mai Oil Operations, Inc. 844 Preston Road, Suite 800 Dallas, TX 75225 214-219-8883			
620-566-7104	Rig Cellular (Dog house)						
620-566-7108	Geologist Trailer Cellular						
620-617-4477	Tool Pusher Cellular		Jay Krier				
				ELEVATION	G.L. 1913'	K.B. 1921'	API# 15-167-23519-00-00

Driving Directions: From Barton/Russell County line & 281 Hwy: 1 mile North, 1 1/2 miles West on Michaelis Road, 1/2 mile North on 184th Street, East into.

Day	1	Date	06-13-08	Friday	Survey @ 436' = 3/4 degree
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Moved Rig #3 on location

Spud @ 7:00 pm

Ran 4.50 hours drilling (1.25 drill rat hole, 3.25 drill 12 1/4"). Down 19.50 hours (10.75 move/rig up, .25 trip, .25 circulate, .25 survey, 2.50 run casing/cement, 3.50 wait on cement, 2.00 connection)

Mud properties: spud mud

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

Wt. on bit: 20,000, 90 RPM, 600# pump pressure

12 1/4" bit #1 (in @ 0' out @ 436') = 3.25 hrs. - 436'

1" fuel = 39.00 gals.

Fuel usage: 156.00 gals. (79" used 4") Start @ 42" + 41" delivered = 83"

Ran 11 joints of 25# used 8 5/8" surface casing. Tally @ 426.81'. Set @ 436'. Cement with 225 sacks of common, 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 3:30 a.m. on 06-14-08 by Allied Cementing (tk #34727)

Day	2	Date	06-14-08	Saturday	Anhydrite (926'-956')
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7:00 am - Waiting on cement @ 436'

Ran 14.50 hours drilling. Down 9.50 hours (.50 rig check, 4.50 wait on cement, 3.00 connection, 1.25 jet, .25 drill plug).

Mud properties: spud mud

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 @ 436') = 3.25 hrs. - 436'

7 7/8" bit #1 (in @ 436') = 14.50 hrs. - 1454'

Fuel usage: 351.00 gals. (70" used 9")

Day	3	Date	06-15-08	Sunday	
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7:00 am - Drilling @ 1890'

Ran 20.25 hours drilling. Down 3.75 hours (.50 rig check, 1.00 jet, 1.50 connection, .75 displace @ 2691')

Mud properties: spud mud

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 @ 436') = 3.25 hrs. - 436'

7 7/8" bit #1 (in @ 436') = 34.75 hrs. - 806'

Fuel usage: 468.00 gals. (58" used 12")

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WICHITA, KS

MORNING DRILLING REPORT		Fax to: Allen Bangert & Mai Oil/ Email to: Kitt Noah	
Southwind Drilling, Inc. PO Box 276 - 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Kitt Noah	
		WELL NAME	Brungardt-Nuss Unit #1
		LOCATION	2540' FNL & 2310' FWL Sec. 27-15S-14W Russell County, KS
Rig #3 Phone Numbers		Mai Oil Operations, Inc. 844 Preston Road, Suite 800 Dallas, TX 75225 214-219-8883	
620-566-7104	Rig Cellular (Dog house)		
620-566-7108	Geologist Trailer Cellular		
620-617-4477	Tool Pusher Cellular	Jay Krier	
		ELEVATION	G.L. 1913' K.B. 1921' API# 15-167-23519-00-00

Driving Directions: From Barton/Russell County line & 281 Hwy: 1 mile North, 1 1/2 miles West on Michaelis Road, 1/2 mile North on 184th Street, East into.

Day 4 Date 06-16-08 Monday

7:00 am – Drilling @ 2700'
Ran 18.50 hours drilling. Down 5.50 hours (.75 CFS @ 3098', 1.00 CFS @ 3176', .75 rig check, 1.25 rig repair, 1.25 connection, .25 jet, .25 displace)
Mud properties: wt. 8.8, vis. 60, water loss 8.0
Daily Mud Cost = \$4,800.00. Mud Cost to Date = \$4,800.00
Wt. on bit: 30,000, 80 RPM, 800# pump pressure
12 1/4" bit #1 (in @ 0' out @ 436') = 3.25 hrs. - 436'
7 7/8" bit #1 (in @ 436' out @ 2764') = 53.25 hrs. - 2764'

Fuel usage: 429.00 gals. (47" used 11")

Day 5 Date 06-17-08 Tuesday Survey @ 3334' = 3/4 degree

DST #1 (3264' – 3334')
LKC "H" – "K" formation
Recovered 6' mud

7:00 am – Drilling @ 3200'
Ran 9.25 hours drilling. Down 14.75 hours (2.00 CTCH, 1.00 CFS @ 3210', 1.00 CFS @ 3300', 1.25 CFS @ 3334', 7.25 trip, .25 rig check, 1.00 DST #1, .75 wait on weather, .25 connection)
Mud properties: wt. 9.0, vis. 57, water loss 8.0
Daily Mud Cost = \$644.85. Mud Cost to Date = \$5,444.85
Wt. on bit: 30,000, 80 RPM, 800# pump pressure
12 1/4" bit #1 (in @ 0' out @ 436') = 3.25 hrs. - 436'
7 7/8" bit #1 (in @ 436' out @ 3334') = 60.50 hrs. - 2898'
7 7/8" bit #2 (in @ 3334') = 2.00 hrs. - 24'

Fuel usage: 390.00 gals. (58" used 10") 47" + 21" delivered = 68"

Day 6 Date 06-18-08 Wednesday DST #2 (3352'-3373')

Arbuckle formation
Recovered 1' mud

DST #3 (3373'-3378')
Arbuckle formation
Recovered 1' mud

7:00 am – Drilling @ 3358'
Ran 1.00 hours drilling. Down 23.00 hours (1.50 CFS @ 3373', 1.25 CFS @ 3378', 1.50 CFS @ 3384', 2.25 CTCH, 13.50 trip, .50 DST #2, 1.00 DST #3, 1.50 DST #4)
Mud properties: wt. 9.0, vis. 51, water loss 8.8
Daily Mud Cost = \$0.00. Mud Cost to Date = \$5,444.85
Wt. on bit: 30,000, 80 RPM, 750# pump pressure
12 1/4" bit #1 (in @ 0' out @ 436') = 3.25 hrs. - 436'
7 7/8" bit #1 (in @ 436' out @ 3334') = 60.50 hrs. - 2898'
7 7/8" bit #2 (in @ 3334' out @ 3384') = 3.00 hrs. - 50'

Fuel usage: 234.00 gals. (52" used 6")

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MORNING DRILLING REPORT		Fax to: Allen Bangert & Mai Oil/ Email to: Kitt Noah	
Southwind Drilling, Inc. PO Box 276 - 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Kitt Noah	
		WELL NAME	Brungardt-Nuss Unit #1
		LOCATION	2540' FNL & 2310' FWL Sec. 27-15S-14W Russell County, KS
Rig #3 Phone Numbers		Mai Oil Operations, Inc. 844 Preston Road, Suite 800 Dallas, TX 75225 214-219-8883	
620-566-7104	Rig Cellular (Dog house)		
620-566-7108	Geologist Trailer Cellular		
620-617-4477	Tool Pusher Cellular	Jay Krier	
		ELEVATION	G.L. 1913' K.B. 1921' API# 15-167-23519-00-00

Driving Directions: From Barton/Russell County line & 281 Hwy: 1 mile North, 1 1/2 miles West on Michaelis Road, 1/2 mile North on 184th Street, East into.

Day	7	Date	06-19-08	Thursday	DST #4 (3378'-3384')
					<u>Arbuckle formation</u>
					<u>Recovered 3' mud</u>
					DST #5 (3384'-3392')
					<u>Arbuckle formation</u>
					<u>Recovered 10' oil & 440' water</u>

RTD = 3440'
LTD = 3440'

7:00 am – Tripping out with DST #4 @ 3384'

Ran 2.00 hours drilling. Down 22.00 hours (1.00 CTCH, .75 CFS @ 3394', 1.00 CFS @ 3440', 7.00 trip, .25 DST #4, 2.00 DST #5, 4.00 log, 2.75 wait on tester, .50 wait on orders, 2.75 lay down pipe)

Mud properties: wt. 9.1, vis. 50, water loss 8.8.

Daily Mud Cost = \$627.40. **Total Mud Cost = \$6,072.25.**

Wt. on bit: 30,000, 80 RPM, 750# pump pressure

12 1/4" bit #1 (in @ 0' out @ 436') = 3.25 hrs. - 436'

7 7/8" bit #1 (in @ 436' out @ 3334') = 60.50 hrs. - 2898'

7 7/8" bit #2 (in @ 3334' out @ 3384') = 3.00 hrs. - 50'

7 7/8" bit #3 (in @ 3384' out @ 3440') = 2.00 hrs. - 56'

Fuel usage: 195.00 gals. (47" used 5")

Day	8	Date	06-20-08	Friday
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7:00 am – Plugging well @ 3440'

Ran 0.00 hours drilling. Down 8.00 hours (3.00 lay down pipe, .50 plug, 4.50 tear down)

Fuel usage: 39.00 gals. (46" used 1")

Plug well with 145 sacks of 60/40 Poz, 4% gel, 1/4# floseal per sack

1st plug @ 3368' with 25 sacks. 2nd plug @ 930' with 25 sacks. 3rd plug @ 480' with 70 sacks.

4th plug @ 40' with 10 sacks to surface. Plug rat hole with 15 sacks. No mouse hole.

Job complete @ 10:30 am on 06-20-08 by Allied Cementing (tk #34732).

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WICHITA, KS