

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: 02-16-07 (Date)
by: Herb Deines (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 - 167-23410-00-00
Lease Name: Swart "A"
Well Number: 1
Spot Location (QQQQ): C - NW - SE - SE
1050 Feet from North / South Section Line
1150 Feet from East / West Section Line
Sec. 28 Twp. 15 S. R. 11 East West
County: Russell
Date Well Completed: D & A
Plugging Commenced: 02-18-07
Plugging Completed: 02-19-07

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'	375'	8 5/8" new 20#	364.81'	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 125 sacks of 60/40 Poz, 6% gel, 1/4# floeal per sack.

1st plug @ 3192' with 25 sacks. 2nd plug @ 625' with 25 sacks. 3rd plug @ 425' with 50 sacks.

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

Job complete @ 1:15 am on 02-19-07 by Allied Cementing (tk #33018)

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

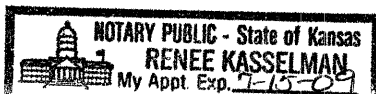
Address: PO Box 276, Ellinwood, KS 67526

Name of Party Responsible for Plugging Fees: Mai Oil Operations, 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 21 day of February, 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

RECEIVED
FEB 23 2007
KCC WICHITA

SOUTHWIND DRILLING, INC.
PLUGGING ORDERS AND REPORTS

Lease: SWART "A" #1

Plugging received from KCC representative:

Name: HERB DEINES Date 2-16-07 Time 4:30 P.M

1st plug @ 3192 ft. 25 sx. Stands: 5 1/2

2nd plug @ 625 ft. 25 sx. Stands: 10

3rd plug @ 425 ft. 50 sx. Stands: 7

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

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

Mousehole _____ sx.

Rahole 15 sx.

Total Cement used: 125 sx.

Type of cement 60/40 Poz, 6% Gel, 1/4" Floscal Pet. SK.

Plug down @ 1:15 A.M 2-19-07

Call KCC When Completed:

Name: JAY PFEIFER Date 2-20-07 Time 11:25 A.M

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SOUTHWIND DRILLING, INC.
RIG #3

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

DRILLING REPORT

Swart #1

Location: 1050' FSL & 1150' FEL
API#: 15-167-23410-00-00

Section 28-11S-11W
Russell County, Kansas

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

COMMENCED: 02-12-07
COMPLETED: 02-19-07

TOTAL DEPTH: Driller: 3260'
Logger: 3259'

Ground Elevation: 1728'
KB Elevation: 1736'

LOG :

0'	-	596'	Shale/Clay/Redbed
596'	-	620'	Anhydrite
620'	-	1264'	Redbed/Shales
1264'	-	3260'	Shale/Lime
		3260'	RTD

CASING RECORDS

Surface casing – 8 5/8"

Ran 8 joints of 20# new 8 5/8" surface casing. Tally @ 364.81'. Set @ 375'. Cement with 225 sacks of common, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 8:15 am on 02-13-07 by Allied Cementing (tk #33012).

Production casing – 5 1/2"

None – plugged the well

DEVIATION SURVEYS

1 ¼ degree (s)	@	375'
¾ degree (s)	@	2920'

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MORNING DRILLING REPORT			Fax to: Mai Oil & Allen Bangert				
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800			Wellsite Geologist: Kitt Noah 316-841-9510			Email to: Kitt Noah	
Rig #3 Phone Numbers			WELL NAME		Swart "A" #1		
620-566-7104 Rig Cellular (Dog house)			LOCATION		1050' FSL & 1150' FEL Sec. 28-11S-11W Russell County, KS		
620-566-7108 Geologist Trailer Cellular			Mai Oil Operations, Inc. 4514 Cole Ave, Ste. 740, LB 30 Dallas, TX 75205 214-219-8883				
620-617-4477 Tool Pusher Cellular			Jay Krier		ELEVATION		
					G.L. 1728' K.B. 1736' API# 15-167-23410-00-00		

Driving Directions: From Dubuque Church: 2 ¾ mile East, 1 mile North, ¾ mile East, North inot.

Day 1 Date 02-12-07 Monday Survey @ 375' = 1 ¼ degree

Moved Rig #3 on location
 Spud @ 12:15 pm
 Ran 4.50 hours drilling (.25 drill rat hole, 4.25 drill 12 ¼"). Down 19.50 hours (5.00 move/rig up, .50 circulate, .50 trip, .25 survey, 1.50 run casing, 1.25 connection, 10.25 wait on cementers, .25 jet)
 Mud properties: spud mud
 Daily Mud Cost = \$0.00. Mud Cost to Date = \$0.00
 Wt. on bit: 15,000, 120 RPM, 400# pump pressure
 12 ¼" bit #1 (in @ 0' out @ 375') = 4.25 hrs. - 375'
 1" fuel = 39.00 gals.
 Fuel usage: 78.00 gals. (28"used 2") Start @ 30"

Day 2 Date 02-13-07 Tuesday Anhydrite (596'-620')

7:00 am – Waiting on cementers @ 375'
 Ran 9.75 hours drilling. Down 14.25 hours (1.25 rig repair, .25 rig check, 1.25 cement, 8.00 wait on cement, .25 drill plug, .75 jet, 2.50 connection)
 Mud properties: spud mud
 Daily Mud Cost = \$0.00. Mud Cost to Date = \$0.00
 Wt. on bit: 30,000, 80 RPM, 600# pump pressure
 12 ¼" bit #1 (in @ 0' out @ 375') = 4.25 hrs. - 375'
 7 7/8" bit #1 (in @ 375') = 9.75 hrs. - 889'
 Fuel usage: 429.00 gals. (17"used 11")
 Ran 8 joints of 20# new 8 5/8" surface casing. Tally @ 364.81'. Set @ 375'. Cement with 225 sacks of common, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 8:15 am on 02-13-07 by Allied Cementing (tkt #33012).

Day 3 Date 02-14-07 Wednesday

7:00 am – Drilling @ 1264'
 Ran 19.50 hours drilling. Down 4.50 hours (1.00 rig check, 2.50 connection, 1.00 jet)
 Mud properties: freshwater
 Daily Mud Cost = \$0.00. Mud Cost to Date = \$0.00
 Wt. on bit: 30,000, 80 RPM, 800# pump pressure
 12 ¼" bit #1 (in @ 0' out @ 375') = 4.25 hrs. - 375'
 7 7/8" bit #1 (in @ 375') = 29.25 hrs. - 1955'
 Fuel usage: 624.00 gals. (70"used 16") 17" + 69" delivered = 86"

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MORNING DRILLING REPORT			
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Kitt Noah 316-841-9510	
Rig #3 Phone Numbers		Fax to: Mai Oil & Allen Bangert Email to: Kitt Noah	
620-566-7104	Rig Cellular (Dog house)	WELL NAME	Swart "A" #1
620-566-7108	Geologist Trailer Cellular	LOCATION	1050' FSL & 1150' FEL Sec. 28-11S-11W Russell County, KS
620-617-4477	Tool Pusher Cellular	Mai Oil Operations, Inc. 4514 Cole Ave, Ste. 740, LB 30 Dallas, TX 75205 214-219-8883	
		ELEVATION	G.L. 1728' K.B. 1736' API# 15-167-23410-00-00
		Jay Krier	

Driving Directions: From Dubuque Church: 2 3/4 mile East, 1 mile North, 3/4 mile East, North inot.

Day 4 Date 02-15-07 Thursday

7:00 am – Drilling @ 2330'
Ran 18.00 hours drilling. Down 6.00 hours (1.00 CFS @ 2745', 1.25 CFS @ 2800', .75 rig check, .50 rig repair, 1.50 connection, 1.00 displace @ 2381')
Mud properties: wt. 8.7, vis. 74, water loss 8.8
Daily Mud Cost = \$3,809.30. Mud Cost to Date = \$3,809.30
Wt. on bit: 30,000, 80 RPM, 700# pump pressure
12 1/4" bit #1 (in @ 0' out @ 375') = 4.25 hrs. - 375'
7 7/8" bit #1 (in @ 375') = 47.25 hrs. - 2445'
Fuel usage: 507.00 gals. (57"used 13")

Day 5 Date 02-16-07 Friday Survey @ 2920' = 3/4 degree
Pipe strap = 2.49 long to the board
DST #1 (2864'-2920')
LKC "A" – "B" formation
Recovered 6' mud

7:00 am – Drilling @ 2820'
Ran 8.25 hours drilling. Down 15.75 hours (1.00 CFS @ 2920', 1.00 CFS @ 2985', 2.00 CTCH, .50 rig check, 9.00 trip, .25 survey, 1.50 DST #1, .50 connection)
Mud properties: wt. 9.1, vis. 49, water loss 8.8
Daily Mud Cost = \$798.90. Mud Cost to Date = \$4,608.20
Wt. on bit: 30,000, 80 RPM, 700# pump pressure
12 1/4" bit #1 (in @ 0' out @ 375') = 4.25 hrs. - 375'
7 7/8" bit #1 (in @ 375') = 55.50 hrs. - 2650'
Fuel usage: 390.00 gals. (47"used 10")

Day 6 Date 02-17-07 Saturday

7:00 am – Drilling @ 3025'
Ran 11.75 hours drilling. Down 12.25 hours (1.00 CFS @ 3070', 1.25 CFS @ 3190', 1.25 CFS @ 3200', 1.50 CFS @ 3207', 1.50 CFS @ 3212', .75 rig check, 3.50 trip, 1.25 DST #2, .25 jet)
Mud properties: wt. 9.3, vis. 47, water loss 9.2
Daily Mud Cost = \$0.00. Mud Cost to Date = \$4,608.20
Wt. on bit: 30,000, 80 RPM, 750# pump pressure
12 1/4" bit #1 (in @ 0' out @ 375') = 4.25 hrs. - 375'
7 7/8" bit #1 (in @ 375') = 67.25 hrs. - 2837'
Fuel usage: 429.00 gals. (36"used 11")

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MORNING DRILLING REPORT			
Southwind Drilling, Inc. PO Box 276 8 North Main Ellinwood, KS 67526 620-564-3800		Wellsite Geologist: Kitt Noah 316-841-9510	
Rig #3 Phone Numbers		Fax to: Mai Oil & Allen Bangert Email to: Kitt Noah	
620-566-7104	Rig Cellular (Dog house)	WELL NAME	Swart "A" #1
620-566-7108	Geologist Trailer Cellular	LOCATION	1050' FSL & 1150' FEL Sec. 28-11S-11W Russell County, KS
620-617-4477	Tool Pusher Cellular	Mai Oil Operations, Inc. 4514 Cole Ave, Ste. 740, LB 30 Dallas, TX 75205 214-219-8883	
		ELEVATION	G.L. 1728' K.B. 1736' API# 15-167-23410-00-00
			Jay Krier

Driving Directions: From Dubuque Church: 2 ¼ mile East, 1 mile North, ¾ mile East, North inot.

Day	7	Date	02-18-07	Sunday	DST #2 (3134'-3212')
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Arbuckle formation
Recovered 1' slightly oil cut mud

RTD = 3260'
LTD = 3259'

7:00 am – On bottom with DST #2 @ 3212'

Ran 1.50 hours drilling. Down 22.50 hours (1.00 CTCH, 1.00 CFS @ 3260', 5.25 trip, 3.75 log, .75 DST #2, 5.00 lay down pipe/plug well, .75 nipple down 5.00 tear down)

Mud properties: wt. 9.4, vis. 48, water loss 9.0

Daily Mud Cost = \$530.90. **Total Mud Cost = \$5,139.10**

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

12 ¼" bit #1 (in @ 0' out @ 375') = 4.25 hrs. - 375'

7 7/8" bit #1 (in @ 375' out @ 3260') = 68.75 hrs. - 2885'

Fuel usage: 234.00 gals. (30"used 6")

Plug well with 125 sacks of 60/40 Poz, 6% gel, ¼# floseal per sack.

1st plug @ 3192' with 25 sacks. 2nd plug @ 625' with 25 sacks. 3rd plug @ 425' with 50 sacks. 4th plug @ 40' with 10 sacks to surface. Plug rat hole with 15 sacks. Job complete @ 1:15 am on 02-19-07 by Allied Cementing (tkt # 33018).

RECEIVED
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ALLIED CEMENTING CO., INC.

33018

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

SERVICE POINT:

Russell

DATE <u>7-18-07</u>	SEC. <u>28</u>	TWP. <u>15S</u>	RANGE <u>11 W</u>	CALLED OUT	ON LOCATION <u>10:00pm</u>	JOB START <u>1:00pm</u>	JOB FINISH <u>1:50pm</u>
LEASE <u>Swart</u>	WELL # <u>1</u>	LOCATION <u>Dhyin 3 1/2 E 14 1/2 N 11.10</u>			COUNTY <u>Russell</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Southwind #3

TYPE OF JOB Rotary Plug

HOLE SIZE _____ T.D. 3 1/2

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

409 HELPER Adrian

BULK TRUCK

410 DRIVER Doug

BULK TRUCK

_____ DRIVER _____

REMARKS:

1st 3192' 255'

2nd 625' 250'

3rd 125' 50.8'

4th 40' 105'

Payable 155'

TRUCKS!

CHARGE TO: Md Oil

STREET _____

CITY _____ STATE _____ ZIP _____

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 Jay Krueger

OWNER _____

CEMENT

AMOUNT ORDERED 125 6/40 625 1/4 7/20

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____

TOTAL _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

1 8 1/2 DI W/Plug

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____