

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

Form CP-4
March 2009

Type or Print on this Form
Form must be Signed
All blanks must be Filled

WELL PLUGGING RECORD

K.A.R. 82-3-117

OPERATOR: License #: 5259
Name: Mai Oil Operations, Inc.
Address 1: 8411 Preston Road, Suite 800
Address 2: _____
City: Dallas State: TX Zip: 75225 + _____
Contact Person: Allen Bangert
Phone: (214) 219-8883
Type of Well: (Check one) Oil Well Gas Well O.G. D&A Cathodic
 Water Supply Well Other: _____ SWD Permit #: _____
 ENHR Permit #: _____ Gas Storage Permit #: _____
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 No. 15 - 167-23571-00-00
Spot Description: 90' West of C-W/2-SE-SW
W/2 W/2 SE SW Sec. 34 Twp. 15 S. R. 15 East West
660 Feet from North / South Line of Section
1,560 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Russell
Lease Name: Michaelis Well #: 1
Date Well Completed: D & A
The plugging proposal was approved on: 05-05-09 (Date)
by: Marvin Mills (KCC District Agent's Name)
Plugging Commenced: 05-06-09
Plugging Completed: 05-06-09

Show depth and thickness of all water, oil and gas formations.

Oil, Gas or Water Records		Casing Record (Surface, Conductor & Production)			
Formation	Content	Casing	Size	Setting Depth	Pulled Out
*see attached drilling report		Surface	8 5/8" new 20#	413'	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 170 sacks of 60/40 Poz, 4% gel, 1/4# floseal per sack.
1st plug @ 3421' with 25 sacks. 2nd plug @ 1000' with 25 sacks. 3rd plug @ 465' with 80 sacks.
4th plug @ 40' with 10 sacks to surface. Plug rat hole with 30 sacks.
Job complete @ 11:00 am on 05-06-09 by Allied Cement (tk #37518)

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Plugging Contractor License #: 33350 Name: Southwind Drilling, Inc.
Address 1: PO Box 276 Address 2: 8 North Main
City: Ellinwood State: KS Zip: 67526 + _____
Phone: (620) 564-3800

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

Renee Kasselmann, Office Manager of Southwind Drilling, Inc. Employee of Operator or Operator on above-described well,
(Print Name)

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: Renee Kasselmann 05-08-09

SOUTHWIND DRILLING, INC.
PLUGGING ORDERS AND REPORTS

Lease: Michaelis #1

Plugging received from KCC representative:

Name: MARVIN MILLS Date 5-5-09 Time 1:45

1st plug @ 3421 ft. 25 sx. Stands: 55

2nd plug @ 1000 ft. 25 sx. Stands: 16

3rd plug @ 465 ft. 80 sx. Stands: 7 1/2

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

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

Mousehole _____ sx.

Rahole 30 sx.

Total Cement used: 170 sx.

Type of cement 60/40 Poz 4% Gel, 1/4" Flo Seal

Plug down @ 11:00 A.M 5-6-09

Call KCC When Completed:

Name: PaT Date 5-6-09 Time 11:10

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CEMENTING LOG

STAGE NO.

Date 5.6.09 District 4 Ticket No. _____
 Company Ma. Oil Rig Seethwind #3
 Lease Michael's Well No. 1
 County Russell State KS
 Location SE 1/4 Sec 42 T13N R4W Field _____

CEMENT DATA:
 Spacer Type: Fresh Water
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size _____ Type _____ Weight _____ Collar _____

LEAD: Pump Time _____ hrs. Type _____
 Amt. _____ Sks Yield _____ Excess _____
 ft³/sk Density _____ PPG

TAIL: Pump Time _____ hrs. Type 60/40 4% Gel
 Amt. 170 Sks Yield 142 Excess _____
 ft³/sk Density 13.79 PPG

WATER: Lead _____ gals/sk Tail 6.90 gals/sk Total 40 Bbls.

Casing Depths: Top _____ Bottom _____

Pump Trucks Used 409 John Deere
 Bulk Equip. 345 CH

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

Float Equip: Manufacturer _____

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. 001422 Lin. ft./Bbl. 70.32
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. 00041 Lin. ft./Bbl. 242.251
 Perforations: From _____ ft. to _____ ft. Amt. _____

Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Jason Tool Pusher

CEMENTER Craig Berger

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
			68L	4	1st Plug	3421 2.55K
			248L	4	2nd	1000' 2.55K
			198L	4	3rd	465 80SK Circle Cement
			38L	1	4th	40' 10SK with Plug
10:00am			68L	1	Rathole	30SK

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THANKS!

ALLIED CEMENTING CO., LLC. 037518

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

SERVICE POINT: Russell

DATE <u>5-6-09</u>	SEC <u>34</u>	TWP. <u>15</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION	JOB START <u>10:30pm</u>	JOB FINISH <u>11:00pm</u>
LEASE <u>Michaelis</u>	WELL # <u>1</u>	LOCATION <u>Galatia 4N 1 3/4W R.1170</u>			COUNTY <u>Russell</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Southwind #3

TYPE OF JOB Rotary Plug

HOLE SIZE _____ T.D. 3450

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 1 1/2 X H DEPTH 3421

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 170 60/10 44# 612 44# 710

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Craig

409 HELPER John

BULK TRUCK DRIVER C.H.

345 DRIVER _____

BULK TRUCK DRIVER _____

_____ DRIVER _____

REMARKS:

Rotary Plug

THANKS

CHARGE TO: Ma: Oil

STREET _____

CITY _____ STATE _____ ZIP _____

KANSAS CORPORATION COMMISSION
@
@ **MAY 13 2009**

RECEIVED

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

8 1/2 wooden Plug _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

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 Krier

SIGNATURE Jay Krier

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

Michaelis #1

Location: 660' FSL & 1560' FWL
API#: 15-167-23571-00-00

Section 34-15S-15W
Russell County, Kansas

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

COMMENCED: 04-30-09
COMPLETED: 05-06-09

TOTAL DEPTH: Driller: 3450'
Logger: 3452'

Ground Elevation: 1939'
KB Elevation: 1947'

LOG :

0'	-	986'	Clay/Sand
986'	-	1013'	Anhydrite
1013'	-	1514'	Redbed/Shale
1514'	-	1875'	Redbed/Shale/Lime
1875'	-	3450'	Lime/Shale
		3450'	RTD

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CASING RECORDS

Surface casing – 8 5/8"

Ran 10 joints of 20# new 8 5/8" surface casing. Tally @ 403.07'. Set @ 413'. Cement with 225 sacks of 60/40 Poz, 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 2:00 a.m. on 05-01-09 by Allied Cement (tkr #3200).

Production casing – 5 1/2"

None – plugged the well

DEVIATION SURVEYS

1 degree (s)	@	413'
3/4 degree (s)	@	3236'

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 316-841-9510		WELL NAME Michaelis #1	
				LOCATION 660' FSL & 1560' FWL Sec. 34-15S-15W Russell County, KS	
Rig #3 Phone Numbers		Mai Oil Operations, Inc. 8411 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. 1939' K.B. 1947' API# 15-167-23571-00-00	

Driving Directions: From Galatia: 4 miles North on NW 100 Ave., 1 1/4 miles West on County Line Rd., North into.

Day 1 Date 04-30-09 Thursday Survey @ 413' = 1 degree

Moved Rig #3 on location

Spud @ 4:30 p.m.

Ran 5.25 hours drilling (1.25 drill rat hole, 4.00 drill 12 1/4"). Down 18.75 hours (8.00 move/rig up, .75 rig repair, 2.00 connection, .25 circulate, .50 trip, .25 survey, 2.00 run casing/cement, 5.00 wait on cement)

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 1/4" bit #1 (in @ 0' out @ 413') = 4.00 hrs. - 413'

1" fuel = 39.00 gals.

Fuel usage: 39.00 gals. (78" used 1") Start @ 38" + 41" delivered = 79"

Ran 10 joints of 20# new 8 5/8" surface casing. Tally @ 403.07'. Set @ 413'. Cement with 225 sacks of 60/40 Poz, 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 2:00 a.m. on 05-01-09 by Allied Cement (tkr #3200).

Day 2 Date 05-01-09 Friday Anhydrite (986' - 1013')

7:00 am - Waiting on cement @ 413'

Ran 14.25 hours drilling. Down 9.75 hours (3.00 wait on cement, .50 drill plug, 1.75 rig repair, 2.75 connection, 1.25 jet, .50 rig check)

Mud properties: spud mud

Daily Mud Cost = \$346.50. Mud Cost to Date = \$346.50

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

12 1/4" bit #1 (in @ 0' out @ 413') = 4.00 hrs. - 413'

7 7/8" bit #1 (in @ 413') = 14.25 hrs. - 1462'

Fuel usage: 390.00 gals. (68" used 10")

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Day 3 Date 05-02-09 Saturday

7:00 am - Drilling @ 1875'

Ran 17.25 hours drilling. Down 6.75 hours (.75 rig check, 1.50 connection, .75 jet, 3.75 rig repair)

Mud properties: spud mud

Daily Mud Cost = \$195.75. Mud Cost to Date = \$542.25

Wt. on bit: 30,000, 80 RPM, 1000# pump pressure

12 1/4" bit #1 (in @ 0' out @ 413') = 4.00 hrs. - 413'

7 7/8" bit #1 (in @ 413') = 31.50 hrs. - 2237'

Fuel usage: 429.00 gals. (57" used 11")

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 316-841-9510		WELL NAME Michaelis #1	
				LOCATION 660' FSL & 1560' FWL Sec. 34-15S-15W Russell County, KS	
Rig #3 Phone Numbers		Mai Oil Operations, Inc. 8411 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. 1939' K.B. 1947' API# 15-167-23571-00-00	

Driving Directions: From Galatia: 4 miles North on NW 100 Ave., 1 ¼ miles West on County Line Rd., North into.

Day	4	Date	05-03-09	Sunday
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7:00 am – Drilling @ 2650'

Ran 18.75 hours drilling. Down 5.25 hours (.75 rig check, .75 CFS @ 3110', 1.25 CFS @ 3215', 1.25 connection, 1.25 displace @ 2717')

Mud properties: wt. 8.7, vis. 43, water loss 8.8

Daily Mud Cost = \$3,103.55. Mud Cost to Date = \$3,645.80

Wt. on bit: 30,000, 80 RPM, 1000# pump pressure

12 ¼" bit #1 (in @ 0' out @ 413') = 4.00 hrs. - 413'

7 7/8" bit #1 (in @ 413') = 50.25 hrs. - 2817'

Fuel usage: 390.00 gals. (47" used 10")

Day	5	Date	05-04-09	Monday
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Survey @ 3236' = ¾ degree
Pipe strap = 1.49 long to the board

DST #1 (3194' – 3236')
LKC "B" – "C" formation
Recovered 420' water

DST #2 (3244' – 3294')
LKC "E" – "F" formation
Recovered 20' mud

7:00 am – Drilling @ 3230'

Ran 3.25 hours drilling. Down 20.75 hours (1.00 CFS @ 3236', 1.00 CFS @ 3294', 2.00 CTCH, 10.00 trip, .25 survey, 3.00 DST #1, 3.00 DST #2, .25 jet, .25 rig check)

Mud properties: wt. 9.3, vis. 58, water loss 9.8

Daily Mud Cost = \$441.05. Mud Cost to Date = \$4,086.85

Wt. on bit: 30,000, 80 RPM, 1000# pump pressure

12 ¼" bit #1 (in @ 0' out @ 413') = 4.00 hrs. - 413'

7 7/8" bit #1 (in @ 413' out @ 3294') = 53.50 hrs. - 2881'

Fuel usage: 273.00 gals. (40" used 7")

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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 316-841-9510		WELL NAME		Michaelis #1	
				LOCATION		660' FSL & 1560' FWL Sec. 34-15S-15W Russell County, KS	
Rig #3 Phone Numbers				Mai Oil Operations, Inc. 8411 Preston Road, Suite 800 Dallas, TX 75225 214-219-8883			
620-566-7104	Rig Cellular (Dog house)			ELEVATION			
620-566-7108	Geologist Trailer Cellular			G.L. 1939'	K.B. 1947'	API# 15-167-23571-00-00	
620-617-4477	Tool Pusher Cellular		Jay Krier				

Driving Directions: From Galatia: 4 miles North on NW 100 Ave., 1 1/4 miles West on County Line Rd., North into.

Day 6 Date 05-05-09 Tuesday

RTD = 3450'

LTD = 3452'

7:00 am - Tripping out with DST #2 @ 3294'

Ran 8.75 hours drilling. Down 15.25 hours (1.00 CFS @ 3340', 1.00 CFS @ 3380', 1.00 CFS @ 3450', 1.00 CTCH, 5.00 trip, .25 rig repair, .25 connection, .25 jet, 4.00 log, 1.50 lay down pipe)

Mud properties: wt. 9.0, vis. 53, water loss 12.2

Daily Mud Cost = \$979.90. Total Mud Cost = \$5,066.75

Wt. on bit: 30,000, 80 RPM, 1000# pump pressure

12 1/2" bit #1 (in @ 0' out @ 413') = 4.00 hrs. - 413'

7 7/8" bit #1 (in @ 413' out @ 3294') = 53.50 hrs. - 2881'

7 7/8" bit #2 (in @ 3294' out @ 3450') = 8.75 hrs. - 156'

Fuel usage: 351.00 gals. (31" used 9")

Day 7 Date 05-06-09 Wednesday

7:00 am - Plugging the well @ 3450'

Ran 0.00 hours drilling. Down 8.00 hours (2.50 lay down pipe, 1.00 trip, .50 plug, 4.00 tear down)

Fuel usage: 78.00 gals. (29" used 2")

Plug well with 170 sacks of 60/40 Poz, 4% gel, 1/4# floseal per sack.

1st plug @ 3421' with 25 sacks. 2nd plug @ 1000' with 25 sacks. 3rd plug @ 465' with 80 sacks.

4th plug @ 40' with 10 sacks to surface. Plug rat hole with 30 sacks.

Job complete @ 11:00 a.m. on 05-06-09 by Allied Cement (tk #37518)

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