

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: D & A Docket #: _____
(Oil, Gas D&A, SWD, ENHR, Water Supply Well, Cathodic, Other) *(If SWD or ENHR)*
The plugging proposal was approved on: 10-09-08 (Date)
by: Ed Shoemaker (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 - 009-25270-00-00
Lease Name: Neeland
Well Number: 1
Spot Location (QQQQ): 90'S - 110'W - SE -
1230 Feet from North / South Section Line
1410 Feet from East / West Section Line
Sec. 19 Twp. 17 S. R. 15 East West
County: Barton
Date Well Completed: D & A
Plugging Commenced: 10-09-08
Plugging Completed: 10-09-08

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'	460'	8 5/8" new 25#	450.11'	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 190 sacks of 60/40 Poz, 4% gel, 1/4# floseal per sack.

1st plug @ 3590' with 25 sacks. 2nd plug @ 1105' with 25 sacks. 3rd plug @ 510' with 100 sacks.

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

Job complete @ 1:00 p.m. on 10-09-08 by Allied Cementing (tkr #42862)

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

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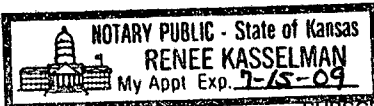
OCT 15 2008

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

CONSERVATION DIVISION
WICHITA, KS

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 14 day of October, 20 08

Renee Kasselmann My Commission Expires: 7-15-09
Notary Public

PKT

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

Lease: Neeland #1

Plugging received from KCC representative:

Name: Ed Schumacher Date 10-9-08 Time 8:05

1st plug @ 3590 ft. 25 sx. Stands: 58

2nd plug @ 1105 ft. 25 sx. Stands: 17 1/2

3rd plug @ 510 ft. 100 sx. Stands: 8

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

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

Mousehole _____ sx.

Rahole 30 sx.

Total Cement used: 190 sx.

Type of cement 60/40 Poz 4% Gel 1/4" Floseal

Plug down @ 1:00 Pm 10-9-08

Call KCC When Completed:

Name: Marvin Mills Date 10-9-08 Time 1:45 Pm

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ALLIED CEMENTING CO., LLC. 042862

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

SERVICE POINT:

Russell KS

10-9-08 DATE	SEC. 19	TWP. 17	RANGE 15	CALLED OUT	ON LOCATION	JOB START 12:30pm	JOB FINISH 1:00pm
Neeland LEASE	WELL # /	LOCATION <u>0.1 mi. to and Hwy 4 West to</u>			COUNTY Barton	STATE KS	
<input checked="" type="radio"/> OLD OR NEW (Circle one)		130 Ave 1 North 1/4 West North into					

CONTRACTOR South Wind Drilling #3
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 T.D. 3650'
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 XH DEPTH 3590'
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER John Roberts
 # 409 HELPER Travis
 BULK TRUCK _____
 # 345 DRIVER Neal
 BULK TRUCK _____
 # _____ DRIVER _____

REMARKS:

85sk @ 3590'
25sk @ 1105'
100sk @ 510'
10sk @ 40'

30sk Rathole

Thanks!

CHARGE TO: Mai Oil Operations Inc.
 STREET _____
 CITY _____ STATE _____ ZIP _____

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 Hrick
 SIGNATURE Jay Hrick

OWNER _____
 CEMENT _____
 AMOUNT ORDERED 190sk 60/40 4 1/2" Flo

COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____

HANDLING _____ @ _____
 MILEAGE _____ @ _____

TOTAL _____

SERVICE

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

TOTAL _____

PLUG & FLOAT EQUIPMENT

Dry Hole Plug @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL _____

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

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 WICHITA, KS



CEMENTING LOG

STAGE NO.

Date 10-9-08 District 4 Ticket No. 042862
 Company Max Oil Operations Inc. Rig Southwind Drilling #3
 Lease Neeland #1 Well No. 1
 County Barton State KS
 Location 01 mi. to and Hwy 4 West to Field Wildcat
130 Ave 1 North 1/4 West North into

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

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size 4 1/2 XM Weight 16.60 Collars _____
 Open Hole: Size 7 7/8 T.D. 3650' ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. .0602 Lin. ft./Bbl. 16.5993
 Drill Pipe: Bbls/Lin. ft. .01422 Lin. ft./Bbl. 70.32
 Annulus: Bbls/Lin. ft. .0406 Lin. ft./Bbl. 24.6474
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG _____

LEAD: Pump Time _____ hrs. Type (1.41-4.1) 1/4" Flc
 Excess _____
 Amt. 190 Skys Yield 1.39 ft³/sk Density 12.9 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 WATER: Lead 6.7 gals/sk Tail _____ gals/sk Total 30.31 Bbls.

Pump Trucks Used 409-Jet mixer
 Bulk Equip. 345-Drum Roller

Floater Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top Dry Hole Plug Btm. _____

Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Fresh Water Amt. 6.25 Bbls. Weight 8.3 PPG
 Mud Type Drill mud 25.5 Bbls. Weight 9.2 PPG

COMPANY REPRESENTATIVE Greg Hauer

CEMENTER John Roberts

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
			3.98	5 min	4.5	1st @ 3590' 25sk Cement w/ 3.98 bbl H ₂ O 6.18 3.98 bbl slurry Displace w/ 25.5 bbl Dr " mud
			3.98 5.00	5 min	4.5	2nd @ 1105' 25sk Cement w/ 3.98 bbl H ₂ O 6.18 3.98 bbl slurry Displace w/ 5 bbl H ₂ O
			15.95 1.25	"	4.5	3rd @ 510' 100 sk Cement w/ 15.95 bbl H ₂ O 24.75 bbl slurry Displace w/ 1.25 bbl H ₂ O
			1.59	5 min	3	4th @ 40' 10 sk Cement w/ 1.59 bbl H ₂ O 2.47 bbl slurry
1:00 pm			4.78	5 min	3	Rathole 30 sk Cement w/ 4.78 bbl H ₂ O 7.42 Bbl Slurry

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FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs.

THANK YOU

SOUTHWIND DRILLING, INC.

RIG #3

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

DRILLING REPORT

Neeland #1

Location: 1230' FSL & 1410' FEL
API#: 15-009-25270-00-00

Section 19-17S-15W
Barton County, Kansas

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

COMMENCED: 10-04-08
COMPLETED: 10-09-08

TOTAL DEPTH: Driller: 3650'
Logger: 3649'

Ground Elevation: 2013'
KB Elevation: 2021'

LOG :

0' - 1094' Clay/Shale
1094' - 1116' Anhydrite
1116' - 1665' Redbed/Shale
1665' - 2009' Shale
2009' - 3650' Lime/Shale
3650' RTD

CASING RECORDS

Surface casing – 8 5/8"

Ran 12 joints of 25# new 8 5/8" surface casing. Tally @ 450.11'. Set @ 460'. Cement with 225 sacks of 60/40 Poz, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 1:15 a.m. on 10-05-08 by Quality (tkr #2171)

Production casing – 5 1/2"

None – plugged the well

DEVIATION SURVEYS

1/2 degree (s) @ 460'

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MORNING DRILLING REPORT		Fax to: Allen Banger & 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 Neeland #1	
				LOCATION 1230' FSL & 1410' FEL Sec. 19-17S-15W Barton 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. 2013'	K.B. 2021'	API# 15-009-25270-00-00

Driving Directions: From Galatia: 2 miles West, 6 miles South, 1 1/2 miles West, North into.

Day 1 Date 10-04-08 Saturday Survey @ 460' = 1/2 degree

Moved Rig #3 on location

Spud @ 4:00 p.m.

Ran 5.00 hours drilling (1.00 drill rat hole, 4.00 drill 12 1/4"). Down 19.00 hours (8.00 move/rig up, .25 circulate, .50 trip, .25 jet, 1.75 connection, .25 survey, 2.25 run casing/cement, 5.75 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, 600# pump pressure

12 1/4" bit #1 (in @ 0' out @ 460') = 4.00 hrs. - 460'

1" fuel = 39.00 gals.

Fuel usage: 195.00 gals. (43" used 5") Start @ 48"

Ran 12 joints of 25# new 8 5/8" surface casing. Tally @ 450.11'. Set @ 460'. Cement with 225 sacks of 60/40 Poz, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 1:15 a.m. on 10-05-08 by Quality (tk# 2171)

Day 2 Date 10-05-08 Sunday Anhydrite (1094' - 1116')

7:00 am - Waiting on cement @ 460'

Ran 16.50 hours drilling. Down 7.50 hours (2.25 wait on cement, .25 drill plug, .50 rig check, 3.00 connection, 1.50 jet)

Mud properties: spud mud

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

Wt. on bit: 25,000, 80 RPM, 750# pump pressure

12 1/4" bit #1 (in @ 0' out @ 460') = 4.00 hrs. - 460'

7 7/8" bit #1 (in @ 460') = 16.50 hrs. - 1549'

Fuel usage: 468.00 gals. (31" used 12")

Day 3 Date 10-06-08 Monday

7:00 am - Drilling @ 2009'

Ran 20.25 hours drilling. Down 3.75 hours (.75 rig check, 2.00 connection, 1.00 jet)

Mud properties: spud mud

Daily Mud Cost = \$2,138.75. Mud Cost to Date = \$2,138.75

Wt. on bit: 30,000, 80 RPM, 900# pump pressure

12 1/4" bit #1 (in @ 0' out @ 460') = 4.00 hrs. - 460'

7 7/8" bit #1 (in @ 460') = 36.75 hrs. - 2395'

Fuel usage: 468.00 gals. (19" used 12")

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MORNING DRILLING REPORT				Fax to: Allen Banger & 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 Neeland #1		LOCATION 1230' FSL & 1410' FEL Sec. 19-17S-15W Barton 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	G.L. 2013'	K.B. 2021'	API# 15-009-25270-00-00
620-566-7108	Geologist Trailer Cellular						
620-617-4477	Tool Pusher Cellular		Jay Krier				

Driving Directions: From Galatia: 2 miles West, 6 miles South, 1 1/2 miles West, North into.

Day 4 Date 10-07-08 Tuesday

7:00 am – Drilling @ 2855'

Ran 19.50 hours drilling. Down 4.50 hours (.75 rig check, 1.00 CFS @ 3356', 1.00 CFS @ 3370', 1.00 connection, .75 displace @ 2919')

Mud properties: wt. 8.6, vis. 53, water loss 8.8

Daily Mud Cost = \$3,730.75. Mud Cost to Date = \$5,869.50

Wt. on bit: 30,000, 80 RPM, 850# pump pressure

12 1/4" bit #1 (in @ 0' out @ 460') = 4.00 hrs. - 460'

7 7/8" bit #1 (in @ 460') = 56.25 hrs. - 2914'

Fuel usage: 507.00 gals. (69" used 13") 19" + 63" delivered = 82"

Day 5 Date 10-08-08 Wednesday

RTD = 3650'

LTD = 3649'

7:00 am – Drilling @ 3374'

Ran 13.00 hours drilling. Down 11.00 hours (1.00 CFS @ 3386', 1.00 CFS @ 3418', 1.00 CFS @ 3492', 1.00 CFS @ 3518', 1.00 CFS @ 3590', 1.50 CFS @ 3650', .50 connection, 2.00 trip, 2.00 log)

Mud properties: wt. 9.2, vis. 55, water loss 8.8

Daily Mud Cost = \$617.90. **Total Mud Cost = \$6,487.40**

Wt. on bit: 30,000, 80 RPM, 800# pump pressure

12 1/4" bit #1 (in @ 0' out @ 460') = 4.00 hrs. - 460'

7 7/8" bit #1 (in @ 460' out @ 3650') = 69.25 hrs. - 3190'

Fuel usage: 429.00 gals. (58" used 11")

Day 6 Date 10-09-08 Thursday

7:00 am – Logging @ 3650'

Ran 0.00 hours drilling. Down 8.00 hours (4.50 lay down pipe, 1.00 nipple down, 1.50 trip, 1.00 plug)

Fuel usage: 117.00 gals. (55" used 3")

Plug well with 190 sacks of 60/40 Poz, 4% gel, 1/4# floseal per sack.

1st plug @ 3590' with 25 sacks. 2nd plug @ 1105' with 25 sacks. 3rd plug @ 510' with 100 sacks.

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

Job complete @ 1:00 p.m. on 10-09-08 by Allied Cementing (tk #42862).

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