

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: 03-04-08 (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 - 009-25168-00-00
Lease Name: Nuss
Well Number: 1-15
Spot Location (QQQQ): 150' S - 230' E - NW-NW - SE
2160 Feet from North / South Section Line
2080 Feet from East / West Section Line
Sec. 15 Twp. 16 S. R. 14 East West
County: Barton
Date Well Completed: D & A
Plugging Commenced: 03-05-08
Plugging Completed: 03-05-08

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'	407'	8 5/8" used 25#	397.59'	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 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 140 sacks of 60/40 Poz, 4% gel, 1/4# floseal per sack.

1st plug @ 3355' with 25 sacks. 2nd plug @ 915' with 25 sacks. 3rd plug @ 460' with 65 sacks.

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

Job complete @ 5:00 pm on 06-05-08 by Allied Cementing (tk #30276)

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 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 10 day of March, 20 08
Renee Kasselmann My Commission Expires: 7-15-09
Notary Public

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CONSERVATION DIVISION
WICHITA, KS

PKG

SOUTHWIND DRILLING, INC.
PLUGGING ORDERS AND REPORTS

Lease: NUSS #1-15

Plugging received from KCC representative:

Name: Herb Deines Date 3-4-08 Time 3:45

1st plug @ 3355 ft. 25 sx. Stands: 54

2nd plug @ 915 ft. 25 sx. Stands: 14 1/2

3rd plug @ 460 ft. 65 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: 140 sx.

Type of cement 60/40 Poz. 4% Gel, 1/4" Floseal Per SK.

Plug down @ 5:00 P.M 3-5-08

Call KCC When Completed:

Name: Case Mattis Date 3-6-08 Time 11:00 A.M

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ALLIED CEMENTING CO., LLC. 30276

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

SERVICE POINT:
Russell, Ks

DATE <u>3-5-08</u>	SEC. <u>15</u>	TWP. <u>16</u>	RANGE <u>14</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>5:00 pm</u>
LEASE <u>Nuss</u>		WELL # <u>1-15</u>		LOCATION <u>Russell 14 S 1/2 W N140</u>		COUNTY <u>Barton</u>	STATE <u>Ks.</u>
<input checked="" type="radio"/> OLD <input type="radio"/> NEW (Circle one)							

CONTRACTOR Southwind Dr/g. #3

TYPE OF JOB plug

HOLE SIZE _____ T.D. 3435

GASING SIZE 8 5/8 DEPTH 3365

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 Gary John

366 HELPER Bill

BULK TRUCK

396 DRIVER Travis

BULK TRUCK

_____ DRIVER _____

REMARKS:

1st plug @ 3305 w/ 25 SKS

2nd plug @ 3915 w/ 25 SKS

3rd plug @ 460 w/ 68 SKS

4th plug @ 40 w/ 40 SKS

Rathole 15 SKS

CHARGE TO: Mai Oil Oper.

STREET _____

CITY _____ STATE _____ ZIP _____

Thanks!

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 140 60/40 4% Gal 1/4 Flt

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

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@
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CONSERVATION DIVISION
TO WICHITA, KS

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

8 5/8 wooden 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

Nuss #1-15

Location: 2160' FSL & 2080' FEL
API#: 15-009-25168-00-00

Section 15-16S-14W
Barton County, Kansas

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

COMMENCED: 02-27-08
COMPLETED: 03-05-08

TOTAL DEPTH: Driller: 3435'
Logger: 3434'

Ground Elevation: 1904'
KB Elevation: 1912'

LOG :

0'	-	407'	Clay/Shale
407'	-	888'	Redbed/Shale
888'	-	917'	Anhydrite
917'	-	1517'	Redbed/Shale
1517'	-	3435'	Lime/Shale
		3435'	RTD

CASING RECORDS

Surface casing – 8 5/8"

Ran 10 joints of 25# used 8 5/8" surface casing. Tally @ 397.59'. Set @ 407'. Cement with 225 sacks of common, 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 8:15 am on 02-28-08 by Allied Cementing (tk #30178).

Production casing – 5 1/2"

None – plugged the well

DEVIATION SURVEYS

1/2 degree (s) @ 407'
3/4 degree (s) @ 3227'

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WICHITA, KS

MORNING DRILLING REPORT			Fax to: Mai Oil & Allen Bangert/ 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		Nuss #1-15
				LOCATION		2160' FSL & 2080' FEL Sec. 15-16S-14W Barton County, KS
Rig #3 Phone Numbers			Mai Oil Operations, Inc. 4514 Cole Ave, Ste. 740, LB 30 Dallas, TX 75205 214-219-8883			
620-566-7104	Rig Cellular (Dog house)			ELEVATION	G.L. 1904'	K.B. 1912'
620-566-7108	Geologist Trailer Cellular			API# 15-159-25168-00-00		
620-617-4477	Tool Pusher Cellular	Jay Krier				

Driving Directions: From Russell/Barton County line & 281 Hwy: 3 miles South to NW 200 Rd, ½ mile West, North into. (all vehicles stay in milo stocks)

Day 1 Date 02-27-08 Wednesday Survey @ 407' = ½ degree

Moved Rig #3 on location

Spud @ 9:45 pm

Ran 10.00 hours drilling (3.25 drill rat hole, 6.75 drill 12 ¼"). Down 14.00 hours (11.50 move/rig up, 1.25 connection, .50 trip, .25 circulate, .25 survey, .25 rig check)

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 @ 407') = 6.75 hrs. - 407'

1" fuel = 39.00 gals.

Fuel usage: 117.00 gals. (29"used 3") Start @ 32"

Day 2 Date 02-28-08 Thursday Anhydrite (888'-917')

7:00 am – Running 8 5/8" surface casing @ 407'

Ran 10.50 hours drilling. Down 13.50 hours (.25 drill plug, .25 rig check, .50 rig repair, 1.25 run casing/cement, 8.00 wait on cement, 1.00 jet, 2.25 connection)

Mud properties: spud mud

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

Wt. on bit: 25,000, 80 RPM, 800# pump pressure

12 ¼" bit #1 (in @ 0' out @ 407') = 6.75 hrs. - 407'

7 7/8" bit #1 (in @ 407') = 10.50 hrs. - 1110'

Fuel usage: 273.00 gals. (76"used 7") 29" = 54" delivered = 83"

Ran 10 joints of 25# used 8 5/8" surface casing. Tally @ 397.59'. Set @ 407'. Cement with 225 sacks of common, 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 8:15 am on 02-28-08 by Allied Cementing (tk #30178).

Day 3 Date 02-29-08 Friday

7:00 am – Drilling @ 1517'

Ran 19.50 hours drilling. Down 4.50 hours (.75 rig check, 1.00 rig repair, 1.00 jet, 1.75 connection)

Mud properties: spud mud

Daily Mud Cost = \$902.60. Mud Cost to Date = \$902.60

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

12 ¼" bit #1 (in @ 0' out @ 407') = 6.75 hrs. - 407'

7 7/8" bit #1 (in @ 407') = 30.00 hrs. - 1898'

Fuel usage: 429.00 gals. (65"used 11")

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MORNING DRILLING REPORT			Fax to: Mai Oil & Allen Bangert/ 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		Nuss #1-15
				LOCATION		2160' FSL & 2080' FEL Sec. 15-16S-14W Barton County, KS
Rig #3 Phone Numbers			Mai Oil Operations, Inc. 4514 Cole Ave, Ste. 740, LB 30 Dallas, TX 75205 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. 1904'	K.B. 1912'	API# 15-159-25168-00-00

Driving Directions: From Russell/Barton County line & 281 Hwy: 3 miles South to NW 200 Rd, ½ mile West, North into. (all vehicles stay in milo stocks)

Day	4	Date	03-01-08	Saturday
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7:00 am – Drilling @ 2305'
 Ran 19.50 hours drilling. Down 4.50 hours (.75 rig check, .50 rig repair, .25 jet, 1.00 connection, 2.00 displace @ 2688')
 Mud properties: spud mud
 Daily Mud Cost = \$2,933.04. Mud Cost to Date = \$3,835.64.
 Wt. on bit: 30,000, 80 RPM, 850# pump pressure
 12 ¼" bit #1 (in @ 0' out @ 407') = 6.75 hrs. - 407'
 7 7/8" bit #1 (in @ 407') = 49.50 hrs. - 2503'
 Fuel usage: 351.00 gals. (56"used 9")

Day	5	Date	03-02-08	Sunday	Note: corrected elevation from <u>1904' to 1908' GL</u> <u>KB is now 1916'</u>
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7:00 am – Drilling @ 2910'
 Ran 15.75 hours drilling. Down 8.25 hours (1.00 rig check, 1.00 CTCH, .75 CFS @ 3107', .75 CFS @ 3162', 1.00 CFS @ 3185', 1.75 CFS @ 3227', .50 connection, 1.25 trip, .25 survey)
 Mud properties: wt. 8.9, vis. 45, water loss 7.2
 Daily Mud Cost = \$1,096.38. Mud Cost to Date = \$4,932.02
 Wt. on bit: 30,000, 80 RPM, 800# pump pressure
 12 ¼" bit #1 (in @ 0' out @ 407') = 6.75 hrs. - 407'
 7 7/8" bit #1 (in @ 407') = 65.25 hrs. - 2820'
 Fuel usage: 624.00 gals. (61"used 16") 56" + 21" delivered = 77"

Day	6	Date	03-03-08	Monday	Survey @ 3227' = ¾ degree Pipe strap = 0.22 short to the board DST #1 (3194'-3227') LKC "E" – "G" formation Recovered 45' mud with slight oil scum
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7:00 am – Tripping out with bit for DST #1 @ 3227'
 Ran 10.00 hours drilling. Down 14.00 hours (1.00 CFS @ 3312', 1.00 CFS @ 3338', 1.00 CFS @ 3360', 1.00 CTCH, 6.75 trip, 3.00 DST #1, .25 rig check)
 Mud properties: wt. 9.2, vis. 52, water loss 7.2
 Daily Mud Cost = \$829.77. Mud Cost to Date = \$5,761.79
 Wt. on bit: 30,000, 80 RPM, 900# pump pressure
 12 ¼" bit #1 (in @ 0' out @ 407') = 6.75 hrs. - 407'
 7 7/8" bit #1 (in @ 407') = 75.25 hrs. - 2953'
 Fuel usage: 429.00 gals. (50"used 11")

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MORNING DRILLING REPORT		Fax to: Mai Oil & Allen Bangert/ 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 Nuss #1-15	
				LOCATION 2160' FSL & 2080' FEL Sec. 15-16S-14W Barton County, KS	
Rig #3 Phone Numbers		Mai Oil Operations, Inc. 4514 Cole Ave, Ste. 740, LB 30 Dallas, TX 75205 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. 1904'	K.B. 1912' API# 15-159-25168-00-00

Driving Directions: From Russell/Barton County line & 281 Hwy: 3 miles South to NW 200 Rd, ½ mile West, North into. (all vehicles stay in milo stocks)

Day	7	Date	03-04-08	Tuesday	<u>DST #2 (3273'-3360')</u> <u>LKC "H" - "L" formation</u> <u>Recovered 15' very slightly oil cut mud</u>
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DST #3 (3350'-3392')
Arbuckle formation
Recovered 20' oil cut mud

7:00 am - Tripping out bit for DST #2 @ 3360'
Ran 3.25 hours drilling. Down 20.75 hours (2.25 CTCH, 1.25 CFS @ 3382', 1.25 CFS @ 3392', 10.00 trip, 3.00 DST #2, 3.00 DST #3)
Mud properties: wt. 9.2, vis. 58, water loss 9.2
Daily Mud Cost = \$209.01. Mud Cost to Date = \$5,970.80
Wt. on bit: 30,000, 80 RPM, 800# pump pressure
12 ¼" bit #1 (in @ 0' out @ 407') = 6.75 hrs. - 407'
7 7/8" bit #1 (in @ 407') = 78.50 hrs. - 3018'

Fuel usage: 273.00 gals. (43"used 7")

Day	8	Date	03-05-08	Wednesday
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RTD = 3435'
LTD = 3434'

7:00 am - Drilling @ 3425'
Ran 0.50 hours drilling. Down 15.50 hours (1.00 CFS @ 3435', 1.25 trip, 2.25 log, 2.00 lay down pipe, 3.00 plug, 6.00 tear down)
Mud properties: wt. 9.4, vis. 66, water loss 8.8
Daily Mud Cost = \$170.52. Total Mud Cost = \$6,141.32
Wt. on bit: 30,000, 80 RPM, 900# pump pressure
12 ¼" bit #1 (in @ 0' out @ 407') = 6.75 hrs. - 407'
7 7/8" bit #1 (in @ 407' out @ 3435') = 79.00 hrs. - 3028'

Fuel usage: 273.00 gals. (36"used 7")

Plug well with 140 sacks of 60/40 Poz, 4% gel, ¼# floseal per sack.
1st plug @ 3355' with 25 sacks. 2nd plug @ 915' with 25 sacks. 3rd plug @ 460' with 65 sacks.
4th plug @ 40' with 10 sacks to surface. Plug rat hole with 15 sacks. No mouse hole.
Job complete @ 5:00 pm on 03-05-08 by Allied Cementing (tk #30276).

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