

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: 02-01-08 (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 - 167-23479-00-00

Lease Name: Bender-Nichols

Well Number: 1

Spot Location (QQQQ): _____ - NW - NW - NW
330 Feet from North / South Section Line

330 Feet from East / West Section Line

Sec. 21 Twp. 15 S. R. 14 East West

County: Russell

Date Well Completed: D & A

Plugging Commenced: 02-01-08

Plugging Completed: 02-01-08

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'	397'	8 5/8" used 25#	387.03'	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 110 sacks of 60/40 Poz, 4% gel, 1/4# floseal per sack

1st plug @ 900' with 25 sacks. 2nd plug @ 450' with 60 sacks. 3rd plug @ 40' with 10 sacks to surface.

Plug rat hole with 15 sacks. No mouse hole. Job complete @ 5:00 pm on 02-01-08 by Quality Cement (tk #1768).

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

Address: PO Box 276, Ellinwood, KS 67526

FEB 08 2008

Name of Party Responsible for Plugging Fees: Mai Oil Operations, Inc.

CONSERVATION DIVISION
WICHITA, KS

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

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Handwritten initials

SOUTHWIND DRILLING, INC.
PLUGGING ORDERS AND REPORTS

Lease: BENDER-Nichols

Plugging received from KCC representative:

Name: Herb Deines Date 2-1-08 Time 11:00 Am

1st plug @ 900 ft. 25 sx. Stands: 14 1/2

2nd plug @ 450 ft. 60 sx. Stands: 7

3rd plug @ 40 ft. 10 sx. Stands: 1

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

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

Mousehole _____ sx.

Rahole 15 sx.

Total Cement used: 110 sx.

Type of cement 60/40 P02 4% Gel, 1/4" Flo Seal

Plug down @ 5:00 Pm 2-1-08

Call KCC When Completed:

Name: Bruce Basye Date 2-4-08 Time 11:15 Am

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WICHITA, KS

SOUTHWIND DRILLING, INC.

RIG #3

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

DRILLING REPORT

Bender-Nichols #1

Location: 330' FNL & 330' FWL
API#: 15-167-23479-00-00

Section 21-15S-14W
Russell County, Kansas

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

COMMENCED: 01-26-08
COMPLETED: 02-01-08

TOTAL DEPTH: Driller: 3312'
Logger: None

Ground Elevation: 1834'
KB Elevation: 1842'

LOG :

0'	-	397'	Clay/Shale
397'	-	887'	Clay/Sand/Shale
887'	-	906'	Anhydrite
906'	-	1575'	Redbed/Shale
1575'	-	3298'	Lime/Shale
		3298'	RTD

CASING RECORDS

Surface casing – 8 5/8"

Ran 10 joints of 25# used 8 5/8" surface casing. Tally @ 387.03'. Set @ 397'. Cement with 225 sacks of common, 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 1:00 am on 01-27-08 by Allied Cementing (tk #25452).

Production casing – 5 1/2"

None – plugged the well

DEVIATION SURVEYS

0 degree (s)	@	397'
¼ degree (s)	@	3146'

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WICHITA, KS

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	
		Fax to: Mai Oil & Allen Bangert Email to: Kitt Noah	
		WELL NAME	Bender-Nichols #1
		LOCATION	330' FNL & 330' FWL Sec. 21-15S-14W Russell 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. 1834' K.B. 1842' API# 15-167-23479-00-00

Driving Directions: From Russell/Barton County line on Hwy. 281: 3 miles North to Winterset Road, 1 7/8 mile West, South into.

Day	1	Date	01-26-08	Saturday	Survey @ 397' = 0 degrees
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Moved Rig #3 on location
 Spud @ 3:00 pm
 Ran 5.75 hours drilling (0.75 drill rat hole, 5.00 drill 12 1/4"). Down 18.25 hours (7.25 move/rig up, .25 CTCH, .25 jet, .25 survey, .50 trip, 1.75 connection, 2.00 run casing/cement, 6.00 wait on cement)
 Mud properties: spud mud
 Daily Mud Cost = \$0.00. Mud Cost to Date = \$0.00
 Wt. on bit: 20,000, 60 RPM, 700# pump pressure
 12 1/4" bit #1 (in @ 0' out @ 397') = 5.00 hrs. - 397'
 1" fuel = 39.00 gals.
 Fuel usage: 156.00 gals. (18"used 4") Start @ 22"

Ran 10 joints of 25# used 8 5/8" surface casing. Tally @ 387.03'. Set @ 397'. Cement with 225 sacks of common, 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 1:00 am on 01-27-08 by Allied Cementing (tk #25452).

Day	2	Date	01-27-08	Sunday
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7:00 am - Waiting on cement @ 397'
 Ran 15.00 hours drilling. Down 9.00 hours (2.00 wait on cement, .25 drill plug, 1.25 jet, 3.25 connection, .50 rig check, 1.75 rig repair)
 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 @ 397') = 5.00 hrs. - 397'
 7 7/8" bit #1 (in @ 397') = 15.00 hrs. - 1433'
 Fuel usage: 468.00 gals. (71"used 12" 18" + 65" delivered = 83"

Day	3	Date	01-28-08	Monday
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7:00 am - Drilling @ 1830'
 Ran 17.00 hours drilling. Down 7.00 hours (.50 rig check, 4.75 rig repair, .50 jet, 1.25 connection)
 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 @ 397') = 5.00 hrs. - 397'
 7 7/8" bit #1 (in @ 397') = 32.00 hrs. - 1993'
 Fuel usage: 429.00 gals. (60"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	
		Fax to: Mai Oil & Allen Bangert Email to: Kitt Noah	
		WELL NAME	Bender-Nichols #1
		LOCATION	330' FNL & 330' FWL Sec. 21-15S-14W Russell 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. 1834'	K.B. 1842'	API# 15-167-23479-00-00

Driving Directions: From Russell/Barton County line on Hwy. 281: 3 miles North to Winterset Road, 1 7/8 mile West, South into.

Day 4 Date 01-29-08 Tuesday

7:00 am - Drilling @ 2390'
 Ran 19.75 hours drilling. Down 4.25 hours (.75 rig check, .75 rig repair, .25 jet, 1.50 connection, 1.00 displace @ 2607')
 Mud properties: wt. 9.0, vis. 47
 Daily Mud Cost = \$0.00. Mud Cost to Date = \$0.00
 Wt. on bit: 30,000, 80 RPM, 700# pump pressure
 12 1/4" bit #1 (in @ 0' out @ 397') = 5.00 hrs. - 397'
 7 7/8" bit #1 (in @ 397') = 51.75 hrs. - 2581'
 Fuel usage: 468.00 gals. (48"used 12")

Day 5 Date 01-30-08 Wednesday Survey @ 3146' = 1/4 degree
Pipe strap = .75 long to the board

DST #1 (3114'-3146')
LKC "E" - "F" formation
Recovered 6' mud

7:00 am - Drilling @ 2978'
 Ran 7.75 hours drilling. Down 16.25 hours (.75 CFS @ 3026', 1.00 CFS @ 3110', 2.50 rig repair, 1.00 CFS @ 3146', 1.00 CTCH, 8.00 trip, .25 rig check, .25 survey, .25 connection, 1.25 DST #1)
 Mud properties: wt. 8.8, vis. 57, water loss 8.8
 Daily Mud Cost = \$0.00. Mud Cost to Date = \$0.00
 Wt. on bit: 30,000, 80 RPM, 700# pump pressure
 12 1/4" bit #1 (in @ 0' out @ 397') = 5.00 hrs. - 397'
 7 7/8" bit #1 (in @ 397') = 59.50 hrs. - 2749'
 Fuel usage: 429.00 gals. (63"used 11") 48" + 26" delivered = 74"

Day 6 Date 01-31-08 Thursday DST #2 (3195'-3256')
LKC "H" - "K" formation
Recovered 60' gassy mud and
25' very slightly oil cut mud

7:00 am - Tripping in with bit after DST #1 @ 3146'
 Ran 9.00 hours drilling. Down 15.00 hours (6.25 trip, 2.00 CTCH, 1.00 CFS @ 3256', 3.00 DST #2, .25 connection, 1.25 CFS @ 3284', 1.00 CFS @ 3298', .25 rig check)
 Mud properties: wt. 8.9, vis. 50, water loss 10.8
 Daily Mud Cost = \$0.00. Mud Cost to Date = \$0.00
 Wt. on bit: 30,000, 80 RPM, 700# pump pressure
 12 1/4" bit #1 (in @ 0' out @ 397') = 5.00 hrs. - 397'
 7 7/8" bit #1 (in @ 397' out @ 3146') = 59.50 hrs. - 2749'
 7 7/8" bit #2 (in @ 3146') = 9.00 hrs. - 152'
 Fuel usage: 390.00 gals. (53"used 10")

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MORNING DRILLING REPORT			
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		Fax to: Mai Oil & Allen Bangert Email to: Kitt Noah	
		WELL NAME	Bender-Nichols #1
		LOCATION	330' FNL & 330' FWL Sec. 21-15S-14W Russell 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)		
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620-617-4477	Tool Pusher Cellular	Jay Krier	
		ELEVATION	G.L. 1834' K.B. 1842' API# 15-167-23479-00-00

Driving Directions: From Russell/Barton County line on Hwy. 281: 3 miles North to Winterset Road, 1 7/8 mile West, South into.

Day	7	Date	02-01-08	Friday
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RTD = 3312'

7:00 am - Drilling @ 3298'

Ran 0.75 hours drilling. Down 15.25 hours (1.25 CFS @ 3306', 1.50 CFS @ 3312', 4.50 lay down pipe, 2.00 plug, 6.00 tear down)

Mud properties: wt. 8.9, vis. 50, water loss 10.8

Daily Mud Cost = \$0.00. **Total Mud Cost = \$??**

Wt. on bit: 30,000, 80 RPM, 700# pump pressure

12 1/4" bit #1 (in @ 0' out @ 397') = 5.00 hrs. - 397'

7 7/8" bit #1 (in @ 397' out @ 3146') = 59.50 hrs. - 2749'

7 7/8" bit #2 (in @ 3146' out @ 3312') = 9.75 hrs. - 166'

Fuel usage: 312.00 gals. (45"used 8")

Plug well with 110 sacks of 60/40 Poz, 4% gel, 1/4# floseal per sack.

1st plug @ 900' with 25 sacks. 2nd plug @ 450' with 60 sacks. 3rd plug @ 40' with 10 sacks to surface.

Plug rat hole with 15 sacks. Job complete @ 5:00 pm on 02-01-08 by Quality Cement (tk #1768)

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