

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
March 2009
Type or Print on this Form
Form must be Signed
All blanks must be Filled

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 OG 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 - 009-25314-00-00
Spot Description: 120' South & 150' West NE SW NW
SW - NE - SW - NW Sec. 27 Twp. 17 S. R. 15 East West
1,770 Feet from North / South Line of Section
840 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barton
Lease Name: Kelly Well #: 1
Date Well Completed: D & A
The plugging proposal was approved on: 04-28-09 (Date)
by: Marvin Mills (KCC District Agent's Name)
Plugging Commenced: 04-29-09
Plugging Completed: 04-29-09

KCC DISTRICT AGENT CP 213

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#	459'	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 @ 3544' with 25 sacks. 2nd plug @ 1064' with 25 sacks. 3rd plug @ 575' with 80 sacks.
4th plug @ 40' with 10 sacks to surface. Plug rat hole with 30 sacks.
Job complete @ 8:30 p.m. on 04-29-09 by Allied Cement (tkr #037513)

KANSAS CORPORATION COMMISSION

MAY 07 2009

RECEIVED

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 05-05-09

P.K.T.

SOUTHWIND DRILLING, INC.
PLUGGING ORDERS AND REPORTS

Lease: Kelly #1

Plugging received from KCC representative:

Name: Matvin Mills Date 4-28-09 Time 11:05

1st plug @ 3544 ft. 25 sx. Stands: 57

2nd plug @ 1064 ft. 25 sx. Stands: 17

3rd plug @ 575 ft. 80 sx. Stands: 9

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 Pac 4 3/8 Gel 1/4" Flo Seal

Plug down @ 8:30 P.M. 4-28-09

Call KCC When Completed:

Name: Dario Date 4-30-09 Time 8:15

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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

Kelly #1

Location: 450' FNL & 770' FEL
API#: 15-009-25314-00-00

Section 11-13S-14W
Barton County, Kansas

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

COMMENCED: 04-22-09
COMPLETED: 04-29-09

TOTAL DEPTH: Driller: 3620'
Logger: 3622'

Ground Elevation: 2014'
KB Elevation: 2024'

LOG :

0'	-	852'	Clay/Shale
852'	-	1053'	Redbed/Shale
1053'	-	1075'	Anhydrite
1075'	-	1400'	Redbed/Shale
1400'	-	3620'	Lime/Shale
		3620'	RTD

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CASING RECORDS

Surface casing – 8 5/8"

Ran 11 joints of 20# new 8 5/8" surface casing. Tally @ 449.27'. Set @ 459'. Cement with 225 sacks of 60/40 Poz, 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 3:30 a.m. on 04-23-09 by Allied (tkr #37511).

Production casing – 5 1/2"

None – plugged the well

DEVIATION SURVEYS

2 degree (s)	@	459'
1 3/4 degree (s)	@	3345'

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	Kelly #1
Rig #3 Phone Numbers				LOCATION	1770' FNL & 840' FWL Sec. 27-17S-15W Barton County, KS
620-566-7104	Rig Cellular (Dog house)			Mai Oil Operations, Inc. 8411 Preston Road, Suite 800 Dallas, TX 75225 214-219-8883	
620-566-7108	Geologist Trailer Cellular			ELEVATION	G.L. 2014' K.B. 2024' API# 15-009-25314-00-00
620-617-4477	Tool Pusher Cellular	Jay Krier			

Driving Directions: From Olmitz: 1 mile North on NW 90 Ave., 2 miles West on Hwy. 4, ¾ North on NW 110 Ave., East into.

Day 1 Date 04-22-09 Wednesday Survey @ 459' = 2 degrees

Moved Rig #3 on location

Spud @ 3:30 p.m.

Ran 6.00 hours drilling (1.00 drill rat hole, 5.00 drill 12 ¼"). Down 18.00 hours (7.50 move/rig up, 4.00 connection, .25 circulate, .50 trip, .25 survey, 2.00 run casing/cement, 3.50 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 ¼" bit #1 (in @ 0' out @ 459') = 5.00 hrs. - 459'

1" fuel = 39.00 gals.

Fuel usage: 117.00 gals. (83" used 3") Start @ 38" + 48" delivered = 86"

Ran 11 joints of 20# new 8 5/8" surface casing. Tally @ 449.27'. Set @ 459'. Cement with 225 sacks of 60/40 Poz, 3% calcium chloride, 2% gel. Cement did circulate. Plug down @ 3:30 a.m. on 04-23-09 by Allied (tk #37511).

Day 2 Date 04-23-09 Thursday

7:00 am - Waiting on cement @ 459'

Ran 14.50 hours drilling. Down 9.50 hours (4.50 wait on cement, .25 drill plug, .50 rig check, 3.00 connection, 1.25 jet)

Mud properties: spud mud

Daily Mud Cost = \$660.50. Mud Cost to Date = \$660.50

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

12 ¼" bit #1 (in @ 0' out @ 459') = 5.00 hrs. - 459'

7 7/8" bit #1 (in @ 459') = 14.50 hrs. - 1471'

Fuel usage: 390.00 gals. (73" used 10")

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Day 3 Date 04-24-09 Friday

7:00 am - Drilling @ 1930'

Ran 20.25 hours drilling. Down 3.75 hours (.75 rig check, .50 rig repair, 1.75 connection, .75 jet)

Mud properties: spud mud

Daily Mud Cost = \$1,832.05. Mud Cost to Date = \$2,492.55

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

12 ¼" bit #1 (in @ 0' out @ 459') = 5.00 hrs. - 459'

7 7/8" bit #1 (in @ 459') = 34.75 hrs. - 2286'

Fuel usage: 468.00 gals. (61" used 12")

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 Kelly #1		LOCATION 1770' FNL & 840' FWL Sec. 27-17S-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. 2014'	K.B. 2024'
620-566-7108	Geologist Trailer Cellular			API# 15-009-25314-00-00			
620-617-4477	Tool Pusher Cellular		Jay Krier				

Driving Directions: From Olmitz: 1 mile North on NW 90 Ave., 2 miles West on Hwy. 4, ¼ North on NW 110 Ave., East into.

Day 4 Date 04-25-09 Saturday

7:00 am – Drilling @ 2745'

Ran 19.50 hours drilling. Down 4.50 hours (.75 CFS @ 3230', .75 CFS @ 3330', .75 rig check, 1.50 connection, .75 displace @ 2850')

Mud properties: wt. 8.7, vis. 52, water loss 9.6

Daily Mud Cost = \$1,434.50. Mud Cost to Date = \$3,927.05

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

12 ¼" bit #1 (in @ 0' out @ 459') = 5.00 hrs. - 459'

7 7/8" bit #1 (in @ 459') = 54.25 hrs. - 2871'

Fuel usage: 468.00 gals. (49" used 12")

Day 5 Date 04-26-09 Sunday Survey @ 3345' = 1 ¼ degree

DST #1 (3313' – 3345')

LKC "B" – "C" formation

Recovered 60' watery mud

7:00 am – CFS @ 3330'

Ran 7.50 hours drilling. Down 16.50 hours (.50 CFS @ 3330', 1.25 CFS @ 3345', 1.00 CFS @ 3390', 1.00 CFS @ 3400', .25 CFS @ 3480', 2.00 CTCH, 7.00 trip, .25 survey, .25 rig check, .25 connection, .25 jet, 2.50 DST #1)

Mud properties: wt. 9.1, vis. 53, water loss 11.2

Daily Mud Cost = \$1,518.45. Mud Cost to Date = \$5,445.50

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

12 ¼" bit #1 (in @ 0' out @ 459') = 5.00 hrs. - 459'

7 7/8" bit #1 (in @ 459') = 61.75 hrs. - 3021'

Fuel usage: 468.00 gals. (37" used 12")

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Day 6 Date 04-27-09 Monday DST #2 (3438' – 3498')

LKC "H" – "J" formation

Recovered 15' mud

7:00 am – CFS @ 3480'

Ran 5.50 hours drilling. Down 18.50 hours (1.00 CTCH, 1.00 CFS @ 3480', 1.50 CFS @ 3498', 1.00 CFS @ 3560', 1.50 CFS @ 3570', 1.25 CFS @ 3575', 8.00 trip, 1.00 rig repair, 2.00 DST #3, .25 rig check)

Mud properties: wt. 9.2, vis. 63, water loss 10.8

Daily Mud Cost = \$270.05. Mud Cost to Date = \$5,715.55

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

12 ¼" bit #1 (in @ 0' out @ 459') = 5.00 hrs. - 459'

7 7/8" bit #1 (in @ 459') = 67.25 hrs. - 3116'

Fuel usage: 429.00 gals. (26" 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 Kelly #1	
				LOCATION 1770' FNL & 840' FWL Sec. 27-17S-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. 2014'	K.B. 2024'	API# 15-009-25314-00-00

Driving Directions: From Olmitz: 1 mile North on NW 90 Ave., 2 miles West on Hwy. 4, ¼ North on NW 110 Ave., East into.

Day	7	Date	04-28-09	Tuesday	DST #3 (3538' – 3575')
					Arbuckle formation
					Recovered 10' slightly oil cut mud
					DST #4 (3572' – 3586')
					Arbuckle formation
					Recovered 120' mud

7:00 am – Tripping in with DST #3 @ 3575'
Ran 0.75 hours drilling. Down 23.25 hours (3.50 CTCH, 1.00 CFS @ 3580', 1.25 CFS @ 3586', 12.25 trip, 2.00 DST #3, 2.75 DST #4)
Mud properties: wt. 9.6, vis. 50, water loss 11.6
Daily Mud Cost = \$1,261.45. Mud Cost to Date = \$6,977.00
Wt. on bit: 30,000, 80 RPM, 850# pump pressure
12 ¼" bit #1 (in @ 0' out @ 459') = 5.00 hrs. - 459'
7 7/8" bit #1 (in @ 459' out @ 3575') = 67.25 hrs. - 3116'
7 7/8" bit #2 (in @ 3575') = 0.75 hrs. - 11'

Fuel usage: 234.00 gals. (46" used 6") 26" + 26" delivered = 52"

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Day	8	Date	04-29-09	Wednesday
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RTD = 3620'
LTD = 3622'

7:00 am – CTCH after DST #4 @ 3586'
Ran 1.00 hour drilling. Down 23.00 hours (1.00 CFS @ 3620', 1.00 CTCH, 1.50 trip, 4.25 log, 1.25 nipple down, 3.00 lay down pipe, .50 plug, 2.50 tear down, 8.00 down)
Mud properties: wt. 9.1, vis. 53, water loss 11.2
Daily Mud Cost = \$0.00. **Total Mud Cost = \$6,977.00**
Wt. on bit: 30,000, 80 RPM, 850# pump pressure
12 ¼" bit #1 (in @ 0' out @ 459') = 5.00 hrs. - 459'
7 7/8" bit #1 (in @ 459' out @ 3575') = 67.25 hrs. - 3116'
7 7/8" bit #2 (in @ 3575' out @ 3620') = 1.75 hrs. - 45'

Fuel usage: 312.00 gals. (38" used 8")

Plug well with 170 sacks of 60/40 Poz, 4% gel, ¼# floseal per sack.
1st plug @ 3544' with 25 sacks. 2nd plug @ 1064' with 25 sacks. 3rd plug @ 575' with 80 sacks.
4th plug @ 40' with 10 sacks to surface. Plug rat hole with 30 sacks.
Job complete @ 8:30 p.m. on 04-29-09 by Allied Cement (tk #37513)