

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: 07-03-06 (Date)
by: Jeff Klock (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)

API Number: 15 - 053-21183-00-00
Lease Name: Charvat
Well Number: 1
Spot Location (QQQQ): approx. - N/2 - NW - NE
370 Feet from North / South Section Line
1840 Feet from East / West Section Line
Sec. 31 Twp. 15 S. R. 10 East West
County: Ellsworth
Date Well Completed: D & A
Plugging Commenced: 07-03-06
Plugging Completed: 07-03-06

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'	438	8 5/8" new 20#	427.89'	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 180 sacks of 60/40 Poz, 4% gel
1st plug @ 3336' with 35 sacks. 2nd plug @ 1325' with 35 sacks. 3rd plug @ 1050' with 35 sacks.
4th plug @ 490' with 35 sacks. 5th plug @ 60' with 25 sacks to surface. Plug rat hole with 15 sacks. No mouse hole.
Job complete @ 6:00 p.m. on 07-03-06 by Allied Cementing (tkk #25591).

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 5 day of July, 20 06

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

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

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PKT

SOUTHWIND DRILLING, INC.

RIG #2

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

DRILLING REPORT

Charvat #1

Location: 390' FNL & 1840' FEL
API#: 15-053-21183-00-00

Section 31-15S-10W
Ellsworth County, Kansas

OWNER: : Mai Oil Operations, Inc.
CONTRACTOR: Southwind Drilling, Inc. Rig #2

COMMENCED: 06-27-06
COMPLETED: 07-03-06

TOTAL DEPTH: Driller: 3400'
Logger: 3400'

Ground Elevation: 1827'
KB Elevation: 1836'

LOG:

0'	-	440'	Post rock/sand
440'	-	605'	Redbed/Shale
605'	-	660'	Shale
660'	-	683'	Anhydrite
683'	-	1145'	Shale
1145'	-	3400'	Lime/Shale
		3400'	RTD

CASING RECORDS

Surface casing – 8 5/8"

Ran 10 joints of 20# new 8 5/8" surface casing. Tally @ 427.89'. Set @ 438'. Cement with 225 sacks of common, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 3:30 am on 06-28-06 by Allied Cementing (tk# 25161)

Production casing – 5 1/2"

None – plugged the well

DEVIATION SURVEYS

1 degree (s)	@	440'
misrun	@	3074'
1 degree (s)	@	3400'

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MORNING DRILLING REPORT				Fax to: Kurt Mai @ 214-219-8886 & Allen Bangert @ 785-483-3833			
Southwind Drilling, Inc. PO Box 276 112 North Main Ellinwood, KS 67526		Wellsite Geologist: Kitt Noah 316-841-9510 (mobile) 316-755-0058 (home)		WELL NAME		Charvat #1	
Rig #2 Phone Numbers		N USE		LOCATION		390' FNL & 1840' FEL Sec. 31-15S-10W Ellsworth County, KS	
620-617-5921	Rig Cellular (Dog house)	Yes		Mai Oil Operations, Inc. 4514 Cole Ave, Suite 740, LB 30 Dallas, TX 75205 214-219-8883			
620-617-5920	Geologist Trailer Cellular	Yes		Allen Bangert: 785-483-1676 (mobile)			
620-450-7682	Tool Pusher Cellular	Yes	LeWayne Tresner	ELEVATION	G.L. 1827'	K.B. 1836'	API# 15-053-21183-00-00

Driving Directions: From Wilson: 7 miles South to Avenue K, 1 mile East to Road #2, 1 mile South, SW into location thru pasture.

Day 1 Date 06-27-06 Tuesday Survey @ 440' = 1 degree

Moved Rig #2 on location

Spud @ 5:15 pm

Ran 6.25 hours drilling (1.75 drill rat hole, 4.50 drill 12 1/4"). Down 17.75 hours (8.50 move/rig up, 1.25 connection, .25 CTCH, .25 survey, .25 trip, 1.00 rig repair, .75 jet, 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: all, 120 RPM, 400# pump pressure

12 1/4" bit #1 (in @ 0'out @ 440') = 4.50 hrs - 440'

1" fuel = 34.50 gals.

Fuel usage: 69.00 gals (23" used 2") Start @ 25"

Ran 10 joints of 20# new 8 5/8" surface casing. Tally @ 427.89'. Set @ 438'. Cement with 225 sacks of common, 2% gel, 3% calcium chloride. Cement did circulate. Plug down @ 3:30 am on 06-28-06 by Allied Cementing (tk# 25161)

Day 2 Date 06-28-06 Wednesday Anhydrite (660'-683')

7:00 am - Waiting on cement @ 440'

Ran 15.75 hours drilling. Down 8.25 hours (4.50 wait on cement, .50 drill plug, .50 rig check, 2.25 connection, .25 jet, .25 rig repair)

Mud properties: freshwater

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

Wt. on bit: 20,000, 80 RPM, 750# pump pressure

12 1/4" bit #1 (in @ 0'out @ 440') = 4.50 hrs - 440'

7 7/8" bit #1 (in @ 440') = 15.75 hrs. - 1077'

Fuel usage: 276.00 gals (15" used 8")

Day 3 Date 06-29-06 Thursday

7:00 am - Drilling @ 1517'

Ran 20.25 hours drilling. Down 3.75 hours (.75 rig check, 1.75 connection, 1.00 jet, .25 rig repair)

Mud properties: wt. 9.7, vis. 29

Daily Mud Cost = \$3,138.00. Mud Cost to Date = \$3,138.00

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

12 1/4" bit #1 (in @ 0'out @ 440') = 4.50 hrs - 440'

7 7/8" bit #1 (in @ 440') = 36.00 hrs. - 1855'

Fuel usage: 483.00 gals (68" used 14") 15" + 67" delivered = 82"

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MORNING DRILLING REPORT				Fax to: Kurt Mai @ 214-219-8886 & Allen Bangert @ 785-483-3833			
Southwind Drilling, Inc. PO Box 276 112 North Main Ellinwood, KS 67526			Wellsite Geologist: Kitt Noah 316-841-9510 (mobile) 316-755-0058 (home)		WELL NAME		Charvat #1
Rig #2 Phone Numbers			N USE		LOCATION		390' FNL & 1840' FEL Sec. 31-15S-10W Ellsworth County, KS
620-617-5921	Rig Cellular (Dog house)	Yes	Mai Oil Operations, Inc. 4514 Cole Ave, Suite 740, LB 30 Dallas, TX 75205 214-219-8883				
620-617-5920	Geologist Trailer Cellular	Yes	Allen Bangert: 785-483-1676 (mobile)				
620-450-7682	Tool Pusher Cellular	Yes	LeWayne Tresner	ELEVATION	G.L. 1827'	K.B. 1836'	API# 15-053-21183-00-00

Driving Directions: From Wilson: 7 miles South to Avenue K, 1 mile East to Road #2, 1 mile South, SW into location thru pasture.

Day 4 Date 06-30-06 Friday

7:00 am – Drilling @ 2295'

Ran 20.25 hours drilling. Down 3.75 hours (.75 rig check, 1.25 connection, .25 jet, .75 displace @ 2451', .75 CFS @ 2850')

Mud properties: wt. 9.0, vis. 45, water loss 9.2

Daily Mud Cost = \$600.00. Mud Cost to Date = \$3,738.00

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

12 1/4" bit #1 (in @ 0' out @ 440') = 4.50 hrs - 440'

7 7/8" bit #1 (in @ 440') = 56.25 hrs. - 2550'

Fuel usage: 448.50 gals (55" used 13")

Day 5 Date 07-01-06 Saturday Survey @ 3074' = misrun

DST #1 (3024'-3074')

LKC formation

**Recovered 345' gas in pipe &
80' gassy oil cut mud**

7:00 am – Drilling @ 2990'

Ran 7.00 hours drilling. Down 17.00 hours (.25 rig check, .25 connection, 1.00 CFS @ 3025', 1.25 CFS @ 3074', 1.00 CFS @ 3095', .75 CFS @ 3140', .25 jet, 2.00 CTCH, .25 survey, 6.00 trip, .50 wait on testers, 3.25 DST #1, .25 rig repair)

Mud properties: wt. 9.1, vis. 55, water loss 9.6

Daily Mud Cost = \$1,029.00. Mud Cost to Date = \$4,767.00

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

12 1/4" bit #1 (in @ 0' out @ 440') = 4.50 hrs - 440'

7 7/8" bit #1 (in @ 440') = 63.25 hrs. - 2705'

Fuel usage: 207.00 gals (49" used 6")

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Southwind Drilling, Inc. PO Box 276 112 North Main Ellinwood, KS 67526		Wellsite Geologist: Kitt Noah 316-841-9510 (mobile) 316-755-0058 (home)		WELL NAME		Charvat #1	
Rig #2 Phone Numbers		N USE		LOCATION		390' FNL & 1840' FEL Sec. 31-15S-10W Ellsworth County, KS	
620-617-5921	Rig Cellular (Dog house)	Yes		Mai Oil Operations, Inc. 4514 Cole Ave, Suite 740, LB 30 Dallas, TX 75205 214-219-8883			
620-617-5920	Geologist Trailer Cellular	Yes		Allen Bangert: 785-483-1676 (mobile)			
620-450-7682	Tool Pusher Cellular	Yes	LeWayne Tresner	ELEVATION	G.L. 1827'	K.B. 1836'	API# 15-053-21183-00-00

Driving Directions: From Wilson: 7 miles South to Avenue K, 1 mile East to Road #2, 1 mile South, SW into location thru pasture.

Day 6 Date 07-02-06 Sunday Survey @ 3400' = 1 degree

RTD = 3400'
LTD = 3400'

7:00 am – Drilling @ 3145'

Ran 13.75 hours drilling. Down 10.25 hours (.50 rig check, .50 connection, .75 CFS @ 3195', .75 CFS @ 3290', 1.50 CFS @ 3304', 1.00 CFS @ 3318', 1.25 CFS @ 3325', 1.00 CFS @ 3336', 1.00 CFS @ 3400, .25 survey, 1.50 trip, .25 wait on loggers)

Mud properties: wt. 9.4, vis. 49, water loss 8.8

Daily Mud Cost = \$1,101.23. Total Mud Cost = \$5,865.23

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

12 ¼" bit #1 (in @ 0' out @ 440') = 4.50 hrs - 440'

7 7/8" bit #1 (in @ 440') = 77.00hrs. - 2960'

Fuel usage: 379.50 gals (38" used 11")

Day 7 Date 07-03-06 Monday

7:00 am – Waiting on loggers @ 3400'

Ran 0.00 hours drilling. Down 16.00 hours (.50 wait on loggers, 5.00 log, 1.00 nipple down, 4.50 plug, 5.00 tear down)

Fuel usage: 34.50 gals. (37" used 1")

Plug well with 180 sacks of 60/40 Poz, 4% gel. 1st plug @ 3336' with 35 sacks. 2nd plug @ 1325' with 35 sacks. 3rd plug @ 1050' with 35 sacks. 4th plug @ 490' with 35 sacks. 5th plug @ 60' with 25 sacks to surface. Plug rat hole with 15 sacks. No mouse hole. Plug down @ 6:00 pm on 07-03-06 by Allied Cementing (tk #25591).

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SOUTHWIND DRILLING, INC.
PLUGGING ORDERS AND REPORTS

Lease: CHARVAT #1 (MLA OEL)

Plugging received from KCC representative:

Name: JEFF KLOCK Date 7-3-06 Time 9:30 A.M

1st plug @ 3336 ft. 35 sx. Stands: 54 1/2
2nd plug @ 1325 ft. 35 sx. Stands: 22
3rd plug @ 1050 ft. 35 sx. Stands: 17 1/2
4th plug @ 490 ft. 35 sx. Stands: 8
5th plug @ 60 ft. 25 sx. Stands: 1

Mousehole NA sx.

Rahole 15 sx.

Total Cement used: 180 sx.

Type of cement 60/40 Poz 4709EL

Plug down @ 6:00 P.M By ALJED, Lic # 25591

Call KCC When Completed:

Name: Mac Darling Date 07-05-06 Time 8:00 am

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ALLIED CEMENTING CO., INC. 25591

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

SERVICE POINT: 7

DATE <u>7-3-06</u>	SEC. <u>31</u>	TWP. <u>15</u>	RANGE <u>10W</u>	CALLED OUT	ON LOCATION	JOB START <u>3:00 PM</u>	JOB FINISH <u>6:00 PM</u>
LEASE <u>Chick</u>		WELL# <u>1</u>		LOCATION <u>Wilson</u>		COUNTY <u>Wilson</u>	STATE <u>K</u>
OLD OR NEW (Circle one)							

CONTRACTOR Exxon

TYPE OF JOB D/A

HOLE SIZE 7 7/8 T.D. 3400

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT

AMOUNT ORDERED 180 60/40 490 150

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER MARK

366 HELPER JODY

BULK TRUCK

315 DRIVER FRANK

BULK TRUCK

_____ DRIVER _____

RECEIVED

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KCC WICHITA

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

REMARKS:

35 sk C 3336

35 sk C 1325

35 sk C 1050

35 sk C 410

35 sk C 60

15 sk C 2 H

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: None

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

8 1/2 _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Frank

LEWIS
PRINTED NAME