

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5259
Name: Mai Oil Operations, Inc.
Address: P.O. Box 33
City/State/Zip: Russell, Ks. 67665
Purchaser: NCRA
Operator Contact Person: Allen Bangert
Phone: (785) 483 2169
Contractor: Name: Southwind Drilling, Inc.
License: 33350
Wellsite Geologist: Kitt Noah
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>10-17-07</u>	<u>10-25-07</u>	<u>10-25-07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 167-23466-0000
County: Russell
W/2 NW SW Sec. 22 Twp. 15 S. R. 14 East West
1980' FSL feet from S / N (circle one) Line of Section
330' FWL feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Howard Mai Well #: 2
Field Name: Wildcat
Producing Formation: Arbuckle
Elevation: Ground: 1886' Kelly Bushing: 1894'
Total Depth: 3421' Plug Back Total Depth: 3386'
Amount of Surface Pipe Set and Cemented at 390 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to Alf-1-KCC-Dlg w/ _____ sx cmt.
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 40000 ppm Fluid volume 400 bbls
Dewatering method used Let Dry
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Allen Bangert
Title: Prod. Supt. Date: 1-14-08
Subscribed and sworn to before me this 15th day of January,
20 08.
Notary Public: Brenda Hall
Date Commission Expires: 3-21-09

NOTARY PUBLIC - State of Kansas
BRENDA HALL
My Appt. Exp. 3-21-09

KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 18 2008

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Mai Oil Operations, Inc. Lease Name: Howard Mai Well #: 2
 Sec. 22 Twp. 15 S. R. 14 East West County: Russell

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: CNFD, DIL, Micro	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>908'</td> <td>+986</td> </tr> <tr> <td>Base Anhydrite</td> <td>941'</td> <td>+952</td> </tr> <tr> <td>Topeka</td> <td>2798'</td> <td>-903</td> </tr> <tr> <td>Heebner</td> <td>3031'</td> <td>-1137</td> </tr> <tr> <td>Toronto</td> <td>3048'</td> <td>-1154</td> </tr> <tr> <td>Lansing</td> <td>3092'</td> <td>-1198</td> </tr> <tr> <td>Base Kansas City</td> <td>3296'</td> <td>-1402</td> </tr> <tr> <td>Arbuckle</td> <td>3345'</td> <td>-1451</td> </tr> </table>	Name	Top	Datum	Anhydrite	908'	+986	Base Anhydrite	941'	+952	Topeka	2798'	-903	Heebner	3031'	-1137	Toronto	3048'	-1154	Lansing	3092'	-1198	Base Kansas City	3296'	-1402	Arbuckle	3345'	-1451
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	25#	390'	60-40POZ	225	2%gel,3%CC
Production	7 7/8"	5 1/2"	14#	3411'	50-50POZ	125	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3346-52'		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 7/8"	3382'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
11-08-07			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	50				

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	

RECEIVED
 3346-52' KANSAS CORPORATION COMMISSION
JAN 18 2008
 CONSERVATION DIVISION
 WICHITA, KS

ALLIED CEMENTING CO., INC.

30369

O P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Great Bend
10-18-07

DATE <u>10-17-07</u>	SEC. <u>22</u>	TWP. <u>15</u>	RANGE <u>14</u>	CALLED OUT <u>10:00 PM</u>	ON LOCATION <u>1:30 AM</u>	JOB START <u>1:30 AM</u>	JOB FINISH <u>2:30 AM</u>
LEASE <u>Howard Mai</u>	WELL # <u>2</u>		LOCATION <u>Russell & Barton Coline</u>		COUNTY <u>Russell</u>	STATE <u>Ka.</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>North to Winterset rd. 2 W 1/2 south</u>				

CONTRACTOR Southwind Rig 3
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 390'
 CASING SIZE 8 7/8 25" DEPTH 380'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 23.2 BBLS H₂O

OWNER Mai Oil Operations Inc.

CEMENT
 AMOUNT ORDERED 225sx Common
3% cc 2% Gel

EQUIPMENT

U.B.
 PUMP TRUCK CEMENTER J.D. Drilling
 # 224 HELPER Tyler Wintz
 BULK TRUCK
 # 344 DRIVER Kevin Weighman
 BULK TRUCK
 # _____ DRIVER _____

COMMON	<u>225sx</u>	@	<u>11.10</u>	<u>2497.50</u>
POZMIX		@		
GEL	<u>4sx</u>	@	<u>16.65</u>	<u>66.60</u>
CHLORIDE	<u>7sx</u>	@	<u>46.60</u>	<u>326.20</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>236</u>	@	<u>1.90</u>	<u>448.40</u>
MILEAGE	<u>236 X 11 X .09</u>			<u>250.00</u>
TOTAL				<u>3588.70</u>

REMARKS:

Circulate Hole, Hook up & mixed
225 sx common 3% cc 2% gel
Shut down change valves over &
release 8 7/8 TWP. Displace with
23.2 BBLS fresh H₂O
Cement did circulate.
Shut in at manifold.

SERVICE

DEPTH OF JOB	<u>380'</u>			
PUMP TRUCK CHARGE				<u>815.00</u>
EXTRA FOOTAGE	<u>80 FT</u>	@	<u>.65</u>	<u>52.00</u>
MILEAGE	<u>11</u>	@	<u>6.00</u>	<u>66.00</u>
MANIFOLD		@		
<u>Head rental</u>		@	<u>100.00</u>	<u>100.00</u>
		@		

CHARGE TO: Mai Oil Operations Inc.
 STREET: P.O. Box 33
 CITY: Russell STATE: Kansas ZIP: 67665

TOTAL 1033.00

PLUG & FLOAT EQUIPMENT

<u>1-8 7/8 TWP</u>	@	<u>60.00</u>	<u>60.00</u>
	@		
	@		
	@		
	@		

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment
 and furnish cementer and helper to assist owner or

ALLIED CEMENTING CO., INC.

24721

ATTN: P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE <u>10-25-07</u>	SEC <u>22</u>	TWP <u>15S</u>	RANGE <u>14W</u>	CALLED OUT	ON LOCATION	JOB START <u>5:30am</u>	JOB FINISH <u>6:00pm</u>
LEASE <u>Howard</u>	WELL # <u>2</u>	LOCATION <u>Russells Winterset Rd</u>		COUNTY <u>Russell</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one)							

CONTRACTOR Southwind Drilling #3
 TYPE OF JOB Production String
 HOLE SIZE _____ T.D. 3421
 CASING SIZE 5/8 14# DEPTH 3411
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 2155
 CEMENT LEFT IN CSG. 2155
 PERFS _____
 DISPLACEMENT 82.7 B2

OWNER _____

CEMENT
 AMOUNT ORDERED 145 59/50 29/661
10% Salt 1/4# Flo
750 gal WFR-2

EQUIPMENT
 PUMP TRUCK # 409 CEMENTER Craig Paul
 HELPER Bob
 BULK TRUCK # 410 DRIVER Matt
 BULK TRUCK # _____ DRIVER _____

COMMON	<u>73</u>	@	<u>11.10</u>	<u>810.30</u>
POZMIX	<u>72</u>	@	<u>6.20</u>	<u>444.00</u>
GEL	<u>3</u>	@	<u>166.50</u>	<u>499.50</u>
CHLORIDE		@		
ASC		@		
SALT	<u>12</u>	@	<u>19.20</u>	<u>230.40</u>
WFR-2	<u>750 gals</u>	@	<u>1.00</u>	<u>750.00</u>
HANDLING	<u>160</u>	@	<u>1.90</u>	<u>304.00</u>
MILEAGE	<u>94/51 MI</u>			<u>250.00</u>
TOTAL				<u>2841.05</u>

REMARKS:

Rathole 155K plug landed & held - 1500 psi
Released - in 1/2 hr

Thanks!

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>1610.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>13</u>	@	<u>6.00</u>	<u>78.00</u>
MANIFOLD		@		
TOTAL				<u>1688.00</u>

CHARGE TO: Main Oil
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>1 1/2 Float shoe</u>	<u>OK</u>		<u>170.00</u>
<u>1 Hatchdown Assembly</u>	@		<u>410.00</u>
<u>9 Turbo 2.0RS</u>	@	<u>75.00</u>	<u>630.00</u>
	@		
	@		

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment