

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: Mal 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. _____
3-21-08 3-30-08 3-30-08
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

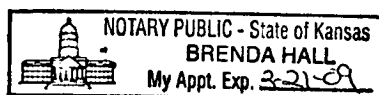
API No. 15 - 009-25186-0000
County: Russell
W/2 NW SW Sec. 4 Twp. 16 S. R. 14 ☐ East ☒ West
2050' FSL _____ feet from S / N (circle one) Line of Section
260' FWL _____ feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Karst-Nuss Unit Well #: 1
Field Name: Wildcat
Producing Formation: Arbuckle
Elevation: Ground: 1929' Kelly Bushing: 1937'
Total Depth: 3450' Plug Back Total Depth: 3415"
Amount of Surface Pipe Set and Cemented at 442' Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan Ait I NK
(Data must be collected from the Reserve Pit) 8-28-08
Chloride content 90000 ppm Fluid volume 700 bbls
Dewatering method used Let dry and backfill
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: 7-24-08
Subscribed and sworn to before me this 24 day of July,
2008.
Notary Public: Brenda Hall
Date Commission Expires: 3-21-09



KCC Office Use ONLY	
<input checked="" type="checkbox"/>	Letter of Confidentiality Received
<input checked="" type="checkbox"/>	If Denied, Yes <input type="checkbox"/> Date: _____
<input checked="" type="checkbox"/>	Wireline Log Received
<input checked="" type="checkbox"/>	Geologist Report Received
<input type="checkbox"/>	UIC Distribution
RECEIVED KANSAS CORPORATION COMMISSION	

JUL 29 2008

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Mai Oil Operations, Inc. Lease Name: Karst-Nuss Unit Well #: 1
 Sec. 4 Twp. 16 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 ☒ Yes ☐ No
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No
 (Submit Copy)

List All E. Logs Run:

CDNL, DIL, Micro

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Anhydrite	920'	+1017
Base Anhydrite	949'	+988
Topeka	2831'	-894
Toronto	3086'	-1149
Lansing	3140'	-1203
Base Kansas City	3351'	-1414
Arbuckle	3372'	-1443

CASING RECORD ☒ New ☐ 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#	442'	Common	225	2%gel, 3%CC
Production	5 1/2"	5 1/2"	14#	3441'	50-50POZ	140	

ADDITIONAL CEMENTING / SQUEEZE RECORD

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

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	3394-3400'	Squeeze w/25 Sks cement	
4	3384-88'	300 gal. 15% % 20% HCL	

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WICHITA, KS

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 7/8"	3410'			
Date of First, Resumerd Production, SWD or Enhr. 5-01-08	Producing Method <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
	10		100		

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Solid ☒ Used on Lease
 (If vented, Submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 3384-88'
☐ Other (Specify) _____

ALLIED CEMENTING CO., INC.

24838

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

SERVICE POINT:

Russell KS

DATE <u>3-30-08</u>	SEC. <u>4</u>	TWP. <u>16</u>	RANGE <u>14</u>	CALLED OUT	ON LOCATION	JOB START <u>3:45am</u>	JOB FINISH <u>4:30am</u>
LEASE <u>Kerst Nuss</u>		WELL # <u>1</u>		LOCATION <u>South Russell to Barton County Line</u>		COUNTY <u>Barton</u>	STATE <u>KS</u>
<input checked="" type="radio"/> OLD OR NEW (Circle one)		<u>2 West 3/4 South East into</u>					

CONTRACTOR Southwind Drilling Rig #3 OWNER

TYPE OF JOB Production

HOLE SIZE 7 7/8 T.D. 3450' 3441' CEMENT

CASING SIZE 5 1/2 14" DEPTH 3432.41' AMOUNT ORDERED 140 50/50 2% Gel 10% Salt

TUBING SIZE DEPTH 1/4" flt 750 gal WFR-2

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 20.72

CEMENT LEFT IN CSG. 20.72

PERFS.

DISPLACEMENT 83.26 Bbl 83.51 Bbl

EQUIPMENT

PUMP TRUCK CEMENTER John Roberts Shane
409 HELPER Adrian

BULK TRUCK
345 DRIVER Chuck

BULK TRUCK
DRIVER

COMMON	<u>70</u>	@	<u>12.15</u>	<u>850.50</u>
POZMIX	<u>70</u>	@	<u>6.88</u>	<u>476.00</u>
GEL	<u>2</u>	@	<u>18.25</u>	<u>36.50</u>
CHLORIDE		@		
ASC		@		
SALT	<u>12</u>	@	<u>21.00</u>	<u>252.00</u>
WFR-2	<u>750 gals</u>	@	<u>1.00</u>	<u>825.00</u>
FLOSEA	<u>350</u>	@	<u>2.20</u>	<u>77.00</u>
		@		
		@		
		@		
HANDLING	<u>15A</u>	@	<u>2.05</u>	<u>315.75</u>
MILEAGE	<u>94</u>	/SK/MILE		<u>274.00</u>
			TOTAL	<u>3161.75</u>

REMARKS:

Circ. 45 min Rathole 15 sks
Est. Circ 750 gal WFR-2 Flush
Mix cement 14.8-15
Insert @ 3422.41 Disp. 83.50 Bbl H2O
Landed Plug @ 1500 psi
Float Held!

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>176.30</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>14</u>	@	<u>7.00</u> <u>98.00</u>
MANIFOLD		@	
		@	
		@	

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JUL 29 2008

TOTAL 1861.00

CHARGE TO: Mai Oil Operations Inc.

STREET

CITY STATE ZIP

CONSERVATION DIVISION
WICHITA, KS

PLUG & FLOAT EQUIPMENT

<u>1 Weatherford AFU Float shoe</u>	@	<u>515.00</u>
<u>Blue latch down Plug ass.</u>	@	<u>449.00</u>
<u>11 Turbalizers</u>	@	<u>77.00</u> <u>847.00</u>
	@	

To Allied Cementing Co., Inc.

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1339

Date <u>3-21-08</u>	Sec. <u>4</u>	Twp. <u>14</u>	Range <u>14</u>	Called Out	On Location	Job Start <u>12:15 PM</u>	Finish <u>12:45 PM</u>
Lease <u>Good Mine Unit</u>	Well No. <u>1</u>	Location <u>Pratt 12 S 2W</u>			County <u>Pratt</u>	State <u>Ks</u>	
Contractor <u>Southwind Drilling Rig 3</u>				Owner			
Type Job <u>Surface</u>				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size <u>12 1/2</u>	T.D. <u>442</u>			Charge To <u>Mr. Oil Corporation</u>			
Csg. <u>8 1/2 250</u>	Depth <u>442</u>			Street			
Tbg. Size	Depth			City			
Drill Pipe	Depth			State			
Tool	Depth			The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg. <u>10-15</u>	Shoe Joint						
Press Max.	Minimum						
Meas Line	Displace <u>27 Bbl</u>			CEMENT			
Perf.				Amount Ordered <u>225 Cms 3 1/2 C 2 1/2 in</u>			
EQUIPMENT				Consisting of			
Pumptrk <u>1</u>	No.	Cementer <u>True</u>		Common <u>225 @ 12.00</u>			
Bulktrk <u>2</u>	No.	Driver <u>True</u>		2700.00			
Bulktrk	No.	Driver <u>True</u>		Poz. Mix			
JOB SERVICES & REMARKS				Gel. <u>4 @ 18.00</u>			
Pumptrk Charge <u>Surface</u>	<u>850.00</u>			Chloride <u>7 @ 50.00</u>			
Mileage <u>15 @ 6.00</u>	<u>90.00</u>			Hulls			
Footage				Salt			
Total <u>940.00</u>			Flowseal				
Remarks: <u>Cemented to 442</u>							
				Sales Tax			
				Handling <u>236 @ 2.00</u>			
				Mileage <u>8 @ 36 per mile</u>			
				Sub Total <u>940.00</u>			
				Total			
				Floating Equipment & Plugs <u>72.00</u>			
				Squeeze Manifold			
				Rotating Head			
				RECEIVED KANSAS CORPORATION COMMISSION			
				JUL 29 2008			
				Tax <u>209.21</u>			
				Discount <u>(471.00)</u>			
				Total Charge <u>4629.21</u>			
X Signature <u>True</u>							