

3-13-08

**CONFIDENTIAL**

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 # 3911  
 Name: Rama Operating Co., Inc.  
 Address: P.O. Box 159  
 City/State/Zip: Stafford, KS. 67578  
 Purchaser: \_\_\_\_\_  
 Operator Contact Person: Robin L. Austin  
 Phone: (620) 234-5191  
 Contractor: Name: Sterling Drilling Company  
 License: 5142  
 Wellsite Geologist: Josh Austin  
 Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SIOW     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>12-30-06</u>	<u>1-07-07</u>	<u>2-20-07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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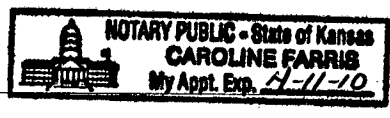
API No. 15 - 159-22,523-000  
 County: Rice  
W/2 E/2 Sw Sec. 20 Twp. 19 S. R. 11  East  West  
1,320 feet from  N (circle one) Line of Section  
1,820 feet from E  W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW  SW  
 Lease Name: Volkland Well #: 1-27  
 Field Name: Volkland  
 Producing Formation: Arbuckle  
 Elevation: Ground: 1,713 Kelly Bushing: 1,722  
 Total Depth: 3,292 Plug Back Total Depth: 3,269  
 Amount of Surface Pipe Set and Cemented at 330 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** ACTI NH 6-30-08  
 (Data must be collected from the Reserve Pit)  
 Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
 Dewatering method used \_\_\_\_\_  
 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: [Signature]  
 Title: VP Date: 3-13-07  
 Subscribed and sworn to before me this 13<sup>th</sup> day of MARCH  
2007  
 Notary Public [Signature]  
 Date Commission Expires: 4-11-10



**KCC-Office Use ONLY**

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

**RECEIVED**  
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Operator Name: Rama Operating Co., Inc. Lease Name: Volkland Well #: 1-27  
 Sec. 20 Twp. 19 S. R. 11  East  West County: Rice

**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:

**Dual Induction, Comp. Porosity and Sonic**

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 Topeka 2440 -718  
 Heebner 2709 -987  
 Lansing 2866 -1141  
 Arbuckle 3226 -1504

CASING RECORD <input type="checkbox"/> New <input checked="" 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	# Sacjs Used	Type and Percent Additives
Surface (new)	12 1/4	8 5/8	24	330	60/40 Poz	225	2% gel, 3% CC
Production (used)	7 7/8	5 1/2	14	3,391	AA2 & 60/40	145	500 gal mud flush

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
2	3,244-3,246		

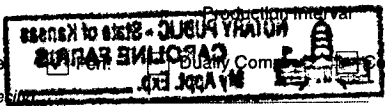
<b>TUBING RECORD</b>	Size 2 3/8	Set At 3,150	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. 2-21-2007	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 35	Gas Mcf 0	Water Bbls. 1,400	Gas-Oil Ratio	Gravity
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Disposition of Gas METHOD OF COMPLETION

Vented  Sold  Used on Lease (If vented, Submit ACO-18.)  Open Hole  Other (Specify) \_\_\_\_\_



RAMA Operating Co., Inc.  
P.O. Box 159  
Stafford, KS. 67578  
(620) 234-5191

DRILL STEM TESTS  
Volkland 1-27  
W/2-E/2-Sw of Sec. 27-18s-9w  
Rice County, Kansas

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**DST #1:** Miss Run. Had hole in Drill Pipe.

**DST #2:** 3,161-3,232' / 30-30-30-30: Strong Blow; B.O.B. in 4 min.; Recovery:  
321' SO & GCMdy Wtr.; 245' SO & GCMdy Wtr.; 280' SO & GCMdy  
Wtr.; 480' SO & GsyM.  
IFP: 149-437#  
ISIP: 1,084#  
FFP: 426-615#  
FSIP: 1,082#

**DST #3:** 3,234-3,242'; Could not get to bottom

**DST #4:** 3,234-3,242'; Could not get to bottom

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**TREATMENT REPORT**

Owner Volkland	Lease No. 1-27	Date 1-7-07
Company Volkland	Well # 1-27	
Order # 4,276	Station Pratt	County Rice
Casing 5 1/2 14lb	Depth 3,284 Ft.	State KS
Type Job Long String - New Well		Legal Description 27-185-9W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME			
Casing Size 5 1/2 14lb./Ft.	Tubing Size 6 1/2 14lb./Ft.	Shots/Ft		Cement 160 sacks AA-2 with .25% Defoamer, .75% Gas Block, 15.43 lb./Gal. 60/40 mesh, 5.63 Gal./sk., 1.36 CU.FT./sk.		RATE	PRESS	ISIP	ISIP
Depth 3,284 Ft.	Depth	From	To			Max	3%	5 Min	Friction Reducer, 10% Salt,
Volume 80.13 Bbl.	Volume	From	To			Min	5 Lb./sk. Gilsonite	15 Min.	
Max Press. 1,500 P.S.I.	Max Press	From	To			Avg	5.63 Gal./sk., 1.36 CU.FT./sk.	15 Min.	
Well Connection Plug Container	Annulus Vol.	From	To	15 sacks 60/40 mesh to plug rat hole		DHE Used			Annulus Pressure
Plug Depth 3,284 Ft.	Packer Depth	From	To	Flush 80 Bbl. Fresh H <sub>2</sub> O		Volume			Total Load

Customer Representative Robin Austin	Station Manager David Scott	Treater Clarence R. Messick
Service Units 119 228 309 572		
Driver Names Messick Anthony Mattael		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:00					Trucks on location and hold safety meeting
4:00					Sterling Drilling start to run Regular Guide Shoe, shoe jt. with Auto-Fill Baffle screwed into collar and a total of 80 jts. new 14lb./Ft. 5 1/2" casing. Ran Turbolizers on Collars #2, 3, 5, 7, 10, 12, 14, 16, 18
5:00					Casing in well. Circulate last jt. down. Would
7:00	300			6	Start Fresh H <sub>2</sub> O Pre-Flush not go.
	300		20	6	Start Mud Flush Cement well
	300		32	6	Start Fresh H <sub>2</sub> O spacer 1jt. high
			37		Stop pumping. Shut in well.
7:13	-0-		4	2	Plug rat hole, Open Well.
7:16	300			5	Start mixing 160 sacks AA-2 cement.
			38		Stop pumping. Shut in well. Wash pump and lines. Release Plug. Open well.
7:33	100			6.5	Start Fresh H <sub>2</sub> O Displacement
			60	5	Start to lift cement
7:42	750		80		Plug down.
	1,500				Pressure up.
					Release pressure. Insert held.
					Wash up pump truck. RECEIVED
8:15					Job Complete MAR 14 2007
					Thanks, KCC WICHITA
					Clarence, James, Mike



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**TREATMENT REPORT**

Customer: **RAMMA OPER.** Lease No.: \_\_\_\_\_ Date: \_\_\_\_\_  
 Lease: **WOKLAND** Well #: **1-27** \_\_\_\_\_  
 Field Order #: **15438** Station: **DRAMA** Casing: **8 5/8** Depth: **330'** County: **RICE** State: **KS.**  
 Type Job: **SURFACE - NW** Formation: \_\_\_\_\_ Legal Description: **27-18-9**

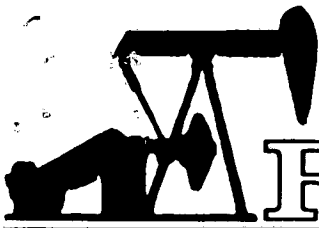
PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size: <b>8 5/8</b>	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth: <b>330'</b>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative: **CAREY** Station Manager: **SCOTT** Treater: **GORDLEY**

Service Units	Driver Names
<b>120 226 347 501</b>	<b>KG KELLY BRADLEY</b>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<b>1330</b>					<b>ON LOCATION</b>
					<b>RUN 330' 8 5/8 CSG.</b>
					<b>BREAK CIRC.</b>
					<b>MIX CEMENT</b>
<b>1500</b>	<b>200</b>		<b>50</b>	<b>5</b>	<b>225 SIL. 60/40 P02</b>
					<b>2% GEL, 3% CC, 1/4# CELLFINACE</b>
					<b>STOP - RELEASE PLUG</b>
	<b>0</b>		<b>0</b>	<b>5</b>	<b>START DISP.</b>
<b>1530</b>	<b>200</b>		<b>20</b>	<b>5</b>	<b>PLUG DOWN</b>
					<b>RECEIVED</b>
					<b>MAR 14 2007</b>
					<b>KCC WICHITA</b>
					<b>CORE. 15 SK. CEMENT TO PEST</b>
<b>1600</b>					<b>JOB COMPLETE - THANKS - HOVSN</b>

3-13-08



# RAMA OPERATING CO., INC.

P. O. Box 159    Stafford, Kansas 67578    (620) 234-5191

March 13, 2007

Kansas Corporation Commission  
Finney State Office Building  
130 S. Market, Room 2078  
Wichita, KS. 67202-3802

**KCC**  
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RE:    Volkland 1-27  
      W/2-E/2-Sw of Sec. 27-19s-9w  
      Rice Co., Kansas  
      API #-15-159-22,523

RAMA Operating Co., Inc. is requesting the information on side two of the ACO-1 be held confidential for a period of 12 months on the above mentioned well.

If you have questions concerning this request, please contact me at (620) 234-5191.

Yours truly,

Robin L. Austin  
RAMA Operating Co., Inc.

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KCC WICHITA

