

CONFIDENTIAL

ORIGINAL

2/04/10

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 3911  
 Name: Rama Operating Co., Inc.  
 Address 1: P.O. Box 159  
 Address 2: \_\_\_\_\_  
 City: Stafford State: KS Zip: 67578 + \_\_\_\_\_  
 Contact Person: Robin L. Austin  
 Phone: (620) 234-5191  
 CONTRACTOR: License # 5142 **CONFIDENTIAL**  
 Name: Sterling Drilling Company **FEB 04 2009**  
 Wellsite Geologist: Josh Austin **KCC**  
 Purchaser: \_\_\_\_\_  
 Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  
 Gas  ENHR  SIGW  
 CM (Coal Bed Methane)  Temp. Abd.  
 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.  Conv. to SWD  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled Docket No.: \_\_\_\_\_  
 Dual Completion Docket No.: \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_  

<u>11-23-08</u>	<u>12-02-08</u>	<u>1-06-09</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 185-23,560-0000  
 Spot Description: \_\_\_\_\_  
 Sw - Se - Ne - Nw Sec. 30 Twp. 25 S. R. 13  East  West  
1,080 Feet from  North /  South Line of Section  
2,250 Feet from  East /  West Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
 County: Stafford  
 Lease Name: Goodman Well #: 4-30  
 Field Name: McCandless  
 Producing Formation: Lansing-Kansas City  
 Elevation: Ground: 1957 Kelly Bushing: 1970  
 Total Depth: 4,385 Plug Back Total Depth: 4,250  
 Amount of Surface Pipe Set and Cemented at: 271 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** **AKF DLG 4-10-09**  
 (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: Paul's Oilfield Service  
 Lease Name: Jordan License No.: 31085  
 Quarter Ne Sec. 26 Twp. 24 S. R. 12  East  West  
 County: Stafford Docket No.: D-15265

**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: \_\_\_\_\_  
 Title: V.P. Date: 2-04-09  
 Subscribed and sworn to before me this 4th day of February,  
 20 09.  
 Notary Public: Donna Schreiber  
 Date Commission Expires: 5-1-11

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
**FEB 06 2009**

NOTARY PUBLIC - State of Kansas  
**DAWN SCHREIBER**  
 My Appt. Exp. 5-1-11

CONSERVATION DIVISION

Operator Name: Rama Operating Co., Inc. Lease Name: Goodman Well #: 4-30  
 Sec. 30 Twp. 25 S. R. 13  East  West County: Stafford

**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 checked="" type="checkbox"/> Yes <input 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: <b>Dual Induction &amp; Compensated Porosity</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Howard</td> <td>3114</td> <td>-1144</td> </tr> <tr> <td>Topeka</td> <td>3194</td> <td>-1224</td> </tr> <tr> <td>Heebner</td> <td>3536</td> <td>-1566</td> </tr> <tr> <td>Lansing</td> <td>3717</td> <td>-1747</td> </tr> <tr> <td>Base Kansas City</td> <td>3982</td> <td>-2012</td> </tr> <tr> <td>Simpson Sd</td> <td>4281</td> <td>-2311</td> </tr> <tr> <td>Arbuckle</td> <td>4326</td> <td>-2356</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Howard	3114	-1144	Topeka	3194	-1224	Heebner	3536	-1566	Lansing	3717	-1747	Base Kansas City	3982	-2012	Simpson Sd	4281	-2311	Arbuckle	4326	-2356
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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	23	271	Common	225	2% gel 3% CC
Production	7 7/8	5 1/2	14	4355	AA2	150	AA-2 500 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
4	4282-88	400 gal 5%	
4	3744-50	250 gal 15% Retreated with 500 gal 15%	
4	3855-59	250 gal 15%	
	Bridge plug		4250

TUBING RECORD: Size: <u>2 7/8</u> Set At: <u>3,900</u> Packer At: <u> </u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <u>1-28-09</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u> </u>	
Estimated Production Per 24 Hours	Oil Bbls. <u>24</u>	Gas Mcf <u>0</u>	Water Bbls. <u>150</u> Gas-Oil Ratio <u> </u> Gravity <u> </u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) <u> </u>	PRODUCTION INTERVAL: <u>3855-59</u> <u>3744-50</u>
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# TREATMENT REPORT

Customer: RAMIA OPERATING	Lease No.:	Date: 12-2-08
Lease: GOODMAN	Well #: 4-30	
Field Order #: 19224	Station: PRATT, KS.	Casing: 5/2
Type Job: CNW-5 1/2 L.S.	Formation:	Depth: 4385
		County: STAFFORD
		State: KS.
		Legal Description: 30-25-15

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5/2		CMT-AH-ZC		1505KS				
Depth: 4385	Depth:	From:	To:	Pre-Pad: 1.43 c/ft <sup>3</sup>	Max:		5 Min.	
Volume: <del>0.005</del>	Volume:	From:	To:	Pad: KOC	Min:		10 Min.	
Max Press: 1500	Max Press:	From:	To:	Frac:	Avg:		15 Min.	
Well Connection: P.L.	Annulus Vol.:	From:	To:	Flush: 106 Bbl.	HHP Used:		Annulus Pressure	
Plug Depth: 7347	Packer Depth:	From:	To:		Gas Volume:		Total Load	

Customer Representative: KUBIK AUSTIN	Station Manager: DAVE SCOTT	Treater: BOBBY DRAKE / KEVIN LESLEY
Service Units: 19866, 19889, 19842, 19826, 19860	Driver Names: DRAKE, KUSH-LESLEY, GILES	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:30 AM					ON LOCATION - SAFETY MEETING
11:50 AM					RUN CSG. CENT-2,3,5,9,11,16
1:30 PM					CSG. ON BOTTOM - BREAK CIRC. W/ RIG
2:30 PM	250		12	6	MUD FLUSH
2:32 PM	250		5	6	H2O
2:39 PM	150		38	6	MIX AH-Z CMT @ 15.0 <sup>#</sup>
2:40 PM					SHUT DOWN - CLEAR PUMP & DROP PLUG
2:43 PM	200		0	7	START DISPLACEMENT
2:53 PM	450		77	6	LIFT PRESSURE
2:57 PM	500			5	SLOW RATE
3:00 PM	1500			4	PLUG DOWN & HELD
3:10 PM			4-3	2.5	PLUG R.H. & M.H.
					JOB COMPLETE.

THANKS DRAKE  
BOBBY  
CREW

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WICHITA, KS

Customer <i>PRIMA OPERATING</i>	Lease No.	Date <i>11-24-08</i>
Lease <i>GOODMAN</i>	Well # <i>4-30</i>	
Field Order # <i>19214</i>	Station <i>PRATT</i>	Casing <i>8 5/8</i>
Type Job <i>CNW-S.P.</i>	Formation	Depth <i>275</i>
		County <i>STAFFORD</i>
		State <i>KS</i>
		Legal Description <i>30-25-13</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 5/8</i>				<i>275 SK. 60/40 PZ</i>				
Depth <i>275</i>	Depth	From	To	Pre Pad <i>1.25 FT<sup>3</sup></i>	Max		5 Min.	
Volume <i>17.6</i>	Volume	From	To	Pad	Min <b>KCC</b>		10 Min.	
Max Press <i>200</i>	Max Press	From	To	Frac	<i>FEB 8 4 2009</i>		15 Min.	
Well Connection <i>P.C.</i>	Annulus Vol.	From	To		<b>CONFIDENTIAL</b>		Annulus Pressure	
Plug Depth <i>260</i>	Packer Depth	From	To	Flush <i>16.5 Bbl.</i>	Gas Volume		Total Load	

Customer Representative <i>BRAD</i>	Station Manager <i>SCOTTY</i>	Treater <i>BOBBY</i>
Service Units <i>19866</i>	<i>19889</i>	<i>19892</i>
Driver Names <i>DRAKE</i>	<i>LESLEY</i>	<i>BOXES</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2230</i>					<i>ON LOCATION - SAFETY MEETING</i>
<i>2300</i>					<i>RUN 5.75. 23# 8 5/8 CSG.</i>
<i>2420</i>					<i>CSG. ON BOTTOM</i>
<i>2425</i>					<i>HOOK UP TO CSG. - Break Circ. w/RIG</i>
<i>2435</i>	<i>200</i>		<i>5</i>	<i>6.0</i>	<i>1150 AHEAD</i>
<i>2436</i>	<i>200</i>		<i>80</i>	<i>6.0</i>	<i>MAX PMT. @ 14.7# / MIN.</i>
<i>2450</i>					<i>RELEASE ALUG</i>
<i>2453</i>	<i>150</i>			<i>5.0</i>	<i>START BSR.</i>
<i>2456</i>	<i>150</i>		<i>165</i>		<i>ALUG DOWN</i>
					<i>CIRCULATION THRU JOB</i>
					<i>CIRCULATED CEMENT TO PIT</i>
					<i>JOB COMPLETE</i>
					<i>THANKS, BOBBY</i>

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