

CONFIDENTIAL

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

10/8/10

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

Name: Sterling Drilling Company

Wellsite Geologist: Josh Austin

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
 - Oil SWD SLOW
 - 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.: _____

08-05-2009 08-11-2009 09-08-2009

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - 159-22,596-0000

Spot Description: _____

C W/2 Ne Ne Sec. 33 Twp. 19 S. R. 9 East West

660 Feet from North / South Line of Section

990 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Rice

Lease Name: Dewitt Well #: 9-33

Field Name: Campbell

Producing Formation: Lansing-Kansas City

Elevation: Ground: 1683 Kelly Bushing: 1692

Total Depth: 3,310 Plug Back Total Depth: 3,250

Amount of Surface Pipe Set and Cemented at: 356 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/ _____ ^{sq cmt} AKI-DG-10/12/09

Drilling Fluid Management Plan

(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: Rama Operating Co., Inc

Lease Name: Dewitt License No.: 3911

Quarter Ne Sec. 33 Twp. 19 S. R. 9 East West

County: Rice Docket No.: D-02392

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: 10-08-2009

Subscribed and sworn to before me this 8th day of October

20 09

Notary Public: _____

Date Commission Expires: 5-1-2011

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

KCC Office Use ONLY

Letter of Confidentiality Received

If Denied, Yes Date: _____

Wireline Log Received _____

Geologist Report Received _____

UIC Distribution _____

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OCT 09 2009

CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

Side Two

Operator Name: Rama Operating Co., Inc.

Lease Name: Dewitt

Well #: 9-33

Sec. 33 Twp. 19 S. R. 9 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, Micro & Compensated Porosity

Log Formation (Top), Depth and Datum Sample

Name Top Datum

Topeka	2,447	-755
Heebner	2,710	-1,018
Lansing	2,867	-1,172
Base Kansas City	3,158	-1,466
Arbuckle	3,181	-1,486
RTD	3,310	-1,618

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	23	356	60/40 poz	225	2% gel 3% CC
Production	7 7/8	5 1/2	14	3,297	AA2	130	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	3,188-85	FLA 322	50	
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD	3,211-15			
<input checked="" 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	3,209-13	500 gal 15% Mud Acid	
4	2,938-44	500 gal 15% HCL	
4	2,888-92	2500 gal 15% HCL	

TUBING RECORD: Size: 2 3/8 Set At: 3,025 Packer At: 3,025 Liner Run: Yes No

Date of First, Resumed Production, SWD or Enhr. 9-29-2009 Producing Method: Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. 13	Gas Mcf 0	Water Bbls. 50	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-1B.)	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) _____	PRODUCTION INTERVAL: 2,938-44 & 2,888-92
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202



Energy services, L.P.



TREATMENT REPORT

Owner RAMA Oper Co Inc	Lease No.	Date 9-10-09
Well # 9-33	Field Order # 17180537A	Station Pratt KS
Casing 5 1/2	Depth 3200 CIBP	County Rice
Type Job Squeeze Perfs NW	Formation	Legal Description 33-19-9

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size 2 7/8	Shots/Ft 25 SKS	Acid com w/ .75	Pre Pad com @ 15.7	Pad	RATE 3/4 FIA-322	PRESS 15.7	ISIP 5 Min.
Depth 40'	Depth 3146'	From 3186	To 3192	Fract	Fract	Max KCC	Min 10 Min.	
Volume 1	Volume 12	From 3186	To 3192	Fract	Fract	Avg OCT 08 2009	15 Min.	
Max Press 1500	Max Press 1500	From	To	Fract	Fract	HHP Used CONFIDENTIAL	Annulus Pressure	
Well Connection	Annulus Vol.	From	To	Fract	Fract	Gas Volume	Total Load	
Plug Depth	Packer Depth 3146	From	To	Flush salt water	Flush			

Customer Representative: Randy Station Manager: Dave Scott Treater: Allen F. Werth

Service Units	28443	27443	19826	19860
Driver Names	A. Werth	C. Roush	Mike	McGraw

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1000					on loc. Discuss Safety, Setup, Plan 506
1050		1800#	3		Test Plug @ 3200 PKRO 3197
	500#		12		Test ANN @ 3146
	5	500#		2	INJ RATE Tbg 3146
		500#	5		mix 25SKS com. w/ 3/4% FIA-322
		500#	5		mix 25SKS com. neat
					FIN. MIT - wash up Equip.
1140		300#	2	2 1/2	Start Disp. Caught PSI w/ 2BBL out
1203		1500#			10 BBLs out
	400#				Release PSI - Dry.
	400#				wash around tool short way.
1255		800#	25	2	wash down through Squeeze
					Reps on sq - Good. 3070
1330					KNOCK LOOSE - Pull Tool - Baker
					Job complete.

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OCT 09 2009

CONSERVATION DIVISION
WICHITA, KS

thanks Allen
Chad
Mike

Lease No. *PRIMA OPERATIVE* Date *8-11-09*
 Well # *9-33*
 Field Order # *021A* Station *PRIM, KS* Casing *5 1/2* Depth *3290* County *RICE* State *KS*
 Type Job *CNW-4.5.* Formation *TD-3310* Legal Description *33-19-9*

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>5 1/2</i>	Tubing Size	Shots/Ft		Acid <i>130 x AAZ</i>		RATE	PRESS	ISIP
Depth <i>3290'</i>	Depth	From	To	Pre-Pad <i>15.3 PPG</i>	Max			5 Min.
Volume	Volume	From	To	Pad <i>1.36 CF/SC</i>	Min		KCC	10 Min.
Max Press	Max Press	From	To	Free <i>5.6 H₂O/SC</i>	Avg		OCT 08 2009	15 Min.
Well Connection	Annulus Vol.	From	To	<i>50 x 60/40 P02</i>	HHP Used		CONFIDENTIAL	Annulus Pressure
Plug Depth <i>3215</i>	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative *ROBEN* Station Manager *SCOTTY* Treater *GARDLEY*

Service Units	<i>19907</i>	<i>19903-19905</i>	<i>19826-19865</i>
Driver Names	<i>KG</i>	<i>MATCH</i>	<i>MATCH</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0630</i>					<i>ON LOCATION</i>
					RECEIVED KANSAS CORPORATION COMMISSION OCT 09 2009
					CONSERVATION DIVISION WICHITA, KS <i>RUN 3290' 5 1/2 14" CSC-79 JH</i> <i>GUIDE SHOES INSERT FROM 1ST COLUMN</i> <i>CEMT-2-4-8-11</i> <i>TAG BOTTOM-DROP BALL-CERC.</i>
<i>0840</i>	<i>200</i>		<i>12</i>	<i>6</i>	<i>PUMP 12 BBL MUD FLUSH</i>
	<i>200</i>		<i>5</i>	<i>6</i>	<i>PUMP 5 BBL H₂O</i>
	<i>200</i>		<i>31</i>	<i>6</i>	<i>MIX 130 SK AAZ CEMENT</i> <i>1/4% DEFORMER, 10% SACT 3/4%</i> <i>GRABBER, 3/10% FUA 322, 5" GILSONITE</i> <i>WASH LINE CLEAN-DROP PUC</i>
	<i>0</i>		<i>0</i>	<i>6</i>	<i>START DESP.</i>
	<i>200</i>		<i>60</i>	<i>6</i>	<i>LEFT CEMENT</i>
	<i>500</i>		<i>75</i>	<i>4</i>	<i>SLOW RATE</i>
<i>0912</i>	<i>1000</i>		<i>80</i>	<i>3</i>	<i>PLUG DOWN-HELD</i>
			<i>6 1/2</i>	<i>2</i>	<i>PUC RAT HOE-30SK 60/40 P02</i>
			<i>4 1/2</i>	<i>2</i>	<i>PUC MUD HOE-20SK 60/40 P02</i>
<i>1000</i>					<i>JOB COMPLETE-KEVIN</i>

Customer <i>PANA OPERATING</i>	Lease No.	Date <i>8-5-09</i>
Lease <i>De Witt</i>	Well # <i>9-33</i>	
Field Order # <i>0331</i>	Station <i>PRAH</i>	Casing <i>8 5/8</i>
Type Job <i>CNW 8 5/8 Surface</i>	Formation	Depth <i>356</i>
		County <i>Rice</i>
		State <i>KS</i>
		Legal Description <i>33-19-9</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 5/8</i>								
Depth <i>356</i>	Depth	From	To	Pre Pad	Max		5 Min.	KCC
Volume <i>21</i>	Volume	From	To	Pad	Min		10 Min.	OCT 08 2009
Max Press <i>300</i>	Max Press	From	To	Frac	Avg		15 Min.	CONFIDENTIAL
Well Connection <i>P.C.</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>330</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Williams</i>
Service Units <i>19867 19949 20920 19960 19918</i>		
Driver Names <i>Sullivan Shields Phye</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1200</i>					<i>on the soft menty</i>
					<i>Run 8 J.T.S 8 5/8 H 23 csg.</i>
<i>1630</i>					<i>CASING ON BOTTOM</i>
<i>1645</i>					<i>Hook Rig to Cirk</i>
<i>1655</i>	<i>200</i>		<i>5</i>	<i>4</i>	<i>Start 4" SPURCON</i>
				<i>5</i>	<i>1114 Cmt 22-5k 60/100 P02</i>
<i>1708</i>			<i>50</i>		<i>Shut down & Release plug</i>
<i>1710</i>				<i>4</i>	<i>Start Dig?</i>
<i>1715</i>	<i>200</i>		<i>21</i>	<i>4</i>	<i>plug down</i>
					<i>circulated 15 BBL TO Pit cut</i>

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MOUNTAIN KS

Job complete
Thank you!