

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**CONFIDENTIAL**

Form ACO-1  
September 1999  
Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

**ORIGINAL**

Operator: License # 3911  
Name: Rama Operating Co., Inc.  
Address: P.O. Box 159 **KCC**  
City/State/Zip: Stafford, KS. 67578 **JAN 18 2005**  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Robin L. Austin **CONFIDENTIAL**  
Phone: (620) 234-5191  
Contractor: Name: Sterling Drilling Company  
License: 5142  
Wellsite Geologist: James Musgrove

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>10-16-2004</u>	<u>10-26-2004</u>	<u>11-19-2004</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 185-23277-0000  
County: Stafford  
E/2 Se Nw Sec. 29 Twp. 21 S. R. 13  East  West  
1,900 feet from S / **(N)** (circle one) Line of Section  
2,310 feet from E / **(W)** (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Pundsack Unit Well #: 414  
Field Name: Pundsack  
Producing Formation: Arbuckle  
Elevation: Ground: 1902 Kelly Bushing: 1912  
Total Depth: 3,820 Plug Back Total Depth: 3,782  
Amount of Surface Pipe Set and Cemented at 735 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** **ALT IWHM**  
(Data must be collected from the Reserve Pit) **3-1-07**  
Chloride content \_\_\_\_\_ ppm Fluid volume 80 bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: John Darrah  
Lease Name: Anshutz #2 License No.: 5088  
Quarter \_\_\_\_\_ Sec. 15 Twp. 21 S. R. 14  East  West  
County: Stafford Docket No.: D-17,893

**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: 1-18-2005  
Subscribed and sworn to before me this 18<sup>th</sup> day of January, 2005.  
Notary Public: [Signature]

NOTARY PUBLIC - State of Kansas  
CAROLINE FARRIS  
My Appt. Exp. 4-11-05

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received **RECEIVED**  
 Geologist Report Received **JAN 20 2005**  
 UIC Distribution **KCC WICHITA**

Operator Name: Rama Operating Co., Inc. Lease Name: Pundsack Unit Well #: 414  
 Sec. 29 Twp. 21 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 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:  <b>Dual Induction, Comp. Porosity and Micro.</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>Anhy</td> <td>791</td> <td>+1121</td> </tr> <tr> <td>Heebner</td> <td>3238</td> <td>-1326</td> </tr> <tr> <td>Lansing</td> <td>3370</td> <td>-1458</td> </tr> <tr> <td>Simp. Shale</td> <td>3686</td> <td>-1774</td> </tr> <tr> <td>Arbuckle</td> <td>3734</td> <td>-1822</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Anhy	791	+1121	Heebner	3238	-1326	Lansing	3370	-1458	Simp. Shale	3686	-1774	Arbuckle	3734	-1822
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CASING RECORD <input checked="" 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	# Sacs Used	Type and Percent Additives
Surface (new)	12 1/4	8 5/8	24	735	70/30 Poz	425	2% gel, 3% CC
Production (used)	7 7/8	5 1/2	14	3,820	A.S.C	125	500 gal mud flush

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	3,755-58	Common	75	

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	3,742-3,746	400 gal. 15% Ne	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8	3,750		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
1-2-05	<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
	20	0	220		

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input 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) _____	

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

KCC  
JAN 18 2005  
CONFIDENTIAL

DRILL STEM TESTS  
Pundsack 414  
E/2-Se-Nw Sec. 29-21s-13w  
Stafford County, Kansas

- DST #1: 1768-1845' / 30-30-30-30: Blow; Weak steady. Rec. 200' heavy mud (no show of gas):  
IFP: 157-168  
ISIP: 522#  
FFP: 182-182  
FSIP: 888# (invalid)
- DST #2: 3389-3447' / 30-30-30-30: Blow; Weak. Rec. 200' mud few oil spots.  
IFP: 68-130  
ISIP: 252#  
FFP: 148-170  
FSIP: 230#
- DST #3 3484-3580' / 30-30-45-45: Blow; Weak to fair. Rec. 300' mud:  
IFP: 92-195  
ISIP: 479#  
FFP: 188-234  
FSIP: 474#
- DST #4: 3681-3740' / 30-30-30-30: Blow; Weak. Rec. 15' very slightly oil cut mud:  
IFP: 61-648  
ISIP: 157#  
FFP: 64-65  
FSIP: 97
- DST #5: 3682-3745' / 30-30-60-60: Blow, Weak to good. Rec. 180' gas in pipe; 220' clean gassy oil; 90' muddy oil:  
IFP: 71-135  
ISIP: 1191  
FFP: 140-179  
FSIP: 1209

RECEIVED  
JAN 20 2005  
KCC WICHITA

# ALLIED CEMENTING CO., INC.

20203 ✓

Federal Tax I.D.# 48-0727860

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

KCC

SERVICE POINT:

At Bend

JAN 18 2005

DATE <u>10-17-04</u>	SEC. <u>29</u>	TWP. <u>21</u>	RANGE <u>13</u>	CONFIDENTIAL	CALLED OUT <u>12:30 AM</u>	ON LOCATION <u>3:00 AM</u>	JOB START <u>7:15 AM</u>	JOB FINISH <u>8:00 AM</u>
LEASE <u>Pumpjack Unit</u>	WELL # <u>414</u>		LOCATION <u>Brass coil ss, 2w, 1/2, 5/8</u>		COUNTY <u>Stafford</u>	STATE <u>Ks</u>		

OLD OR NEW (Circle one)

CONTRACTOR Stirling #1

TYPE OF JOB Surface

HOLE SIZE 12 1/4" T.D. 734'

CASING SIZE 8 5/8" New 33' DEPTH 734'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG 20'

PERFS. \_\_\_\_\_

DISPLACEMENT 45 1/2 bbls

OWNER Senne

CEMENT

AMOUNT ORDERED 425.00 70/30 350cc

270.00

COMMON	<u>298</u>	@ <u>7.85</u>	<u>2339.30</u>
POZMIX	<u>127</u>	@ <u>4.10</u>	<u>520.70</u>
GEL	<u>8</u>	@ <u>11.00</u>	<u>88.00</u>
CHLORIDE	<u>13</u>	@ <u>33.00</u>	<u>429.00</u>
ASC		@	

EQUIPMENT

PUMP TRUCK CEMENTER Team D

# 181 HELPER Don DeWitt

BULK TRUCK

# 314 DRIVER Marilyn S

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

HANDLING	<u>446</u>	@ <u>1.35</u>	<u>602.10</u>
MILEAGE	<u>15x 446 x .25</u>		<u>334.50</u>
TOTAL			<u>4313.60</u>

REMARKS:

Run 734' of 8 5/8" casing. Break circulation.  
Mixed 425.00 70/30 350cc, 270.00.  
Advanced plug. Displaced with fresh H<sub>2</sub>O.

Cement did circulate

CHARGE TO: RAMA Operating

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB 734'

PUMP TRUCK CHARGE 570.00

EXTRA FOOTAGE 434' @ .50 217.00

MILEAGE 15 @ 4.00 60.00

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

RECEIVED

JAN 20 2005

TOTAL 347.00

KCC WICHITA

1-8 5/8 Rubber Plug @ 100.00 100.00

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

# ALLIED CEMENTING CO., INC.

20098 ✓

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

*Great Bend*

DATE <i>10-27-04</i>	SEC <i>29</i>	TWP. <i>21</i>	RANGE <i>13W</i>	CALLED OUT <i>1:00 am</i>	ON LOCATION <i>3:30 am</i>	JOB START <i>9:30 am</i>	JOB FINISH <i>10:30 am</i>
PUNDACK LEASE <i>unit</i>			WELL # <i>414</i>	LOCATION <i>R</i>	COUNTY <i>Stark</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)							

CONTRACTOR *Sterling #1*  
 TYPE OF JOB *Production csq*  
 HOLE SIZE *7 7/8* T.D. *3820*  
 CASING SIZE *5 1/2* DEPTH  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT *23'*  
 CEMENT LEFT IN CSG. *23'*  
 PERFS.  
 DISPLACEMENT *9.3 BBLS*

OWNER *RAMA*  
 CEMENT  
 AMOUNT ORDERED *125 A.S.C. with 5 lbs Kal Seal per sq + 500 gal mud flush*

COMMON	@		
POZMIX	@		
GEL	<i>1 gal</i>	@	<i>11.00</i>
CHLORIDE	@		
ASC	<i>125 gal</i>	@	<i>9.80</i>
<i>AS FLUSH 500 GAL</i>	@	<i>1.00</i>	<i>500.00</i>
<i>Kal-SEAL 625#</i>	@	<i>.50</i>	<i>312.50</i>
	@		
	@		
	@		
	@		
	@		
HANDLING	<i>160 gal</i>	@	<i>1.35</i>
MILEAGE	<i>160 mi 05-15</i>	<i>1.10</i>	<i>150.00</i>
TOTAL			<del>1240.00</del> <i>2414.50</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Jack*  
 # *120* HELPER *T.O.*  
 BULK TRUCK  
 # *341* DRIVER *Marlyna*  
 BULK TRUCK  
 # DRIVER

REMARKS:

*Run 101 jts of 5 1/2 csq - circ 40 min  
 Mix 500 gal of mud flush - cement  
 Rathole with 15 sq cement - Mix 110 sq  
 cement down csq - Displace plug with  
 9.3 BBLS of Fresh Water - insert hold*

*Thanks*

CHARGE TO: *RAMA operating Co.*  
 STREET  
 CITY STATE ZIP

SERVICE

DEPTH OF JOB	<i>3819'</i>		
PUMP TRUCK CHARGE			<i>1180.00</i>
EXTRA FOOTAGE	@		
MILEAGE	<i>15</i>	@	<i>4.00</i>
MANIFOLD	@		
	@		
RECEIVED			
JAN 20 2005			TOTAL <i>1240.00</i>
KCC WICHITA PLUG & FLOAT EQUIPMENT			

<i>5-5 1/2 centralizers</i>	@	<i>50.00</i>	<i>250.00</i>
<i>1-3 1/2 guide shoe</i>	@	<i>150.00</i>	<i>150.00</i>
<i>1-5 1/2 insert</i>	@	<i>235.00</i>	<i>235.00</i>
<i>1-5 1/2 Rubber plug</i>	@	<i>60.00</i>	<i>60.00</i>

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

# ALLIED CEMENTING CO., INC. 20182

Federal Tax I.D.# 48-0727860

P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

*Great Bend*

DATE <i>11-3-04</i>	SEC <i>29</i>	TWP. <i>21s</i>	RANGE <i>13w</i>	CALLED OUT <i>9:00 AM</i>	ON LOCATION <i>11:00 AM</i>	JOB START <i>3:00 PM</i>	JOB FINISH <i>4:30 PM</i>
LEASE <i>PUDSACK UNIT</i>	WELL # <i>A-14</i>	LOCATION <i>Ralphs Farm - 2 west</i>			COUNTY <i>Stafford</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one) <i>NEW</i>			<i>1/2 north - East into</i>				

CONTRACTOR *Klima Well Service* OWNER *RAMA*

TYPE OF JOB *Part Squeeze*

HOLE SIZE	T.D.
CASING SIZE <i>5 1/2</i>	DEPTH <i>3715</i>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT

**CEMENT**

AMOUNT ORDERED *75 sy Common slick + 50 sy of Neat*  
*Used All Cement*

CEMENT LEFT IN CSG.  
PERFS.  
DISPLACEMENT *17 BBLs - out of 21 1/2*

COMMON <i>12SA4</i>	@ <i>7.85</i>	<i>981.25</i>
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC	@	
<i>FL-160 28*</i>	@ <i>8.00</i>	<i>224.00</i>
<i>DE FORM 12*</i>	@ <i>5.25</i>	<i>63.00</i>
HANDLING <i>12SA4</i>	@ <i>1.35</i>	<i>168.75</i>
MILEAGE <i>12SA408-15 MP</i>		<i>150.00</i>
TOTAL		<i>1587.00</i>

**EQUIPMENT**

PUMP TRUCK CEMENTER *Jack*  
# *120* HELPER *D.O.*  
BULK TRUCK  
# *3111* DRIVER *Bar*  
BULK TRUCK  
# *3112* DRIVER *Steve*

**REMARKS:**

*Take inj rate - 1/2 BBL/min @ 1400 lbs  
wait 20 min Acid Truck Dump 300 gal acid  
by Cape land - 3000 ft tubing - Take inj rate  
2 BBLs/min @ 1400 lbs - Mix 75 sy cement  
slick - 50 sy neat - Displace 17 BBLs of  
fresh water - hooked up @ 2000 lbs*

*T. H. H. H.*

**SERVICE**

DEPTH OF JOB <i>3715'</i>		
PUMP TRUCK CHARGE		<i>180.00</i>
EXTRA FOOTAGE	@	
MILEAGE <i>15</i>	@ <i>4.00</i>	<i>60.00</i>
MANIFOLD <i>X Squeeze</i>	@ <i>75.00</i>	<i>75.00</i>
TOTAL		<i>1315.00</i>

CHARGE TO: *RAMA*

STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

\_\_\_\_\_  
@ \_\_\_\_\_  
@ \_\_\_\_\_