

8/14/09

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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  
 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: Joshua 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>06-04-2007</u>	<u>06-11-2007</u>	<u>07-06-2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 - 151-22,270-0000  
 County: Pratt  
110 N N/2 Ne Sec. 1 Twp. 28 S. R. 13  East  West  
550 feet from S N (circle one) Line of Section  
1,320 feet from E W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Hillard-Travis Well #: 1  
 Field Name: Rollingson  
 Producing Formation: Simpson  
 Elevation: Ground: 1839 Kelly Bushing: 1848  
 Total Depth: 4,327 Plug Back Total Depth: 4327  
 Amount of Surface Pipe Set and Cemented at 232 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 ATFJUS 213-09  
 (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: Rama Operating Co., Inc  
 Lease Name: McMillian "A" License No.: 3911  
 Quarter Nw Sec. 30 Twp. 24 S. R. 11  East  West  
 County: Stafford Docket No.: D - 4,907

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: Vice President Date: 7-25-2007

Subscribed and sworn to before me this 25th day of July

2007

Notary Public: [Signature]

Date Commission Expires: 5-1-11



KCC Office Use ONLY

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

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Operator Name: Rama Operating Co., Inc. Lease Name: Hillard-Travis Well #: 1  
 Sec. 1 Twp. 28 S. R. 13  East  West County: Pratt

**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, Dual Comp. Porosity, & Micro**

Formation (Top), Depth and Datum	Sample
Name	Top Datum
Heebner	3,526 -1,678
Brown Lime	3,709 -1,861
Lansing K.C.	3,725 -1,877
Mississippian	4,176 -2,328
Simpson Sand	4,236 -2,388

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	# Sacs Used	Type and Percent Additives
Surface	17 1/2	13 3/8	48	232	60/40	300	2 % gel
Production	7 7/8	5 1/2	14	4,321	60/40	125	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
		750 gal. 7 1/2% HCL	4,321-27
		11,000# sand; 22,900 gal ProFrac	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	4,295		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. 07-17-2007 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	18		40		

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)  
 METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify)



270

**TREATMENT REPORT**

Customer <i>Rama Operating</i>		Lease No.		Date	
Lease <i>Hillard - Tracts</i>		Well # <i>1</i>		Date <i>6-4-07</i>	
Field Order # <i>13941</i>	Station <i>Pratt</i>	Casing <i>13 3/8</i>	Depth <i>232</i>	County <i>Pratt</i>	State <i>Ks.</i>
Type Job <i>CNW - 13 3/8 Production</i>			Formation	Legal Description <i>1-289-13w</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <i>13 3/8</i>	Tubing Size	Shots/Ft	<i>Cont.</i>	Acid <i>200 gal. 60% HCl</i>	RATE	PRESS	ISIP
Depth <i>232</i>	Depth	From	To	Pre Pad <i>125 S13</i>	Max		5 Min. <i>KCC</i>
Volume <i>20.5</i>	Volume	From	To	Pad	Min		<i>AUG. 14 2007</i>
Max Press <i>4100</i>	Max Press	From	To	Frac	Avg		<b>CONFIDENTIAL</b>
Well Connection <i>5 1/2" x 11 3/4"</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth <i>217</i>	Packer Depth	From	To	Flush <i>34 Bbl.</i>	Gas Volume		Total Load

Customer Representative <i>Lance Salazar</i>	Station Manager <i>Dave Scott</i>	Treater <i>Bobby Drake</i>
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Service Units	<i>19966</i>	<i>19940</i>	<i>19946</i>	<i>19905</i>					
Driver Names	<i>Procke</i>	<i>Sullivan</i>	<i>Torden</i>	<i>Willis</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2030</i>					<i>On location - Safety Meeting</i>
<i>2140</i>					<i>Run Log.</i>
<i>2350</i>					<i>Run in bottom</i>
<i>2400</i>					<i>Start up to 100 - Break Pvc w/ Rig</i>
<i>2412</i>	<i>50</i>		<i>5</i>	<i>4.2</i>	<i>H2O Avail</i>
<i>2414</i>	<i>200</i>		<i>38</i>	<i>5.0</i>	<i>Mix Cont. @ 14.7 gal</i>
<i>2430</i>					<i>Release Plug</i>
<i>2435</i>	<i>1000</i>			<i>4.0</i>	<i>Start Dis.</i>
<i>2445</i>	<i>200</i>		<i>34</i>		<i>Plug Down</i>
					<i>Circulation Thru Job</i>
					<i>Circulated Cont. To P.t</i>
					<i>Job Complete</i>
					<i>Thanks, Bobby</i>

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WICHITA, KS

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## TREATMENT REPORT

Customer: <b>RAMA OPEN Co</b>	Lease No.:	Date: <b>6-26-06</b>
Lease: <b>HILLARIO - TRAVES</b>	Well #: <b>1</b>	
Field Order #: <b>13835</b>	Station: <b>PRATT</b>	Casing: <b>5/2</b>
Type Job: <b>PRO FRAC 2500 FRAC NEW</b>	Formation: <b>SIMPSON</b>	Legal Description: <b>T-2BS 30W</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size: <b>5/2</b>	Tubing Size:	Shots/Ft:		Acid:	RATE:	PRESS:	ISIP:	<b>450</b>
Depth: <b>4318</b>	Depth:	From: <b>4318</b>	To: <b>4322</b>	Pre Pad:	Max: <b>15</b>	<b>650</b>	5 Min: <b>200</b>	
Volume: <b>10535</b>	Volume:	From:	To:	Pad: <b>6,000 gal Pro 2500</b>	Min: <b>14.8</b>	<b>300</b>	10 Min: <b>0</b>	<b>0</b>
Max Press: <b>2500</b>	Max Press:	From:	To:	Frac: <b>11,000 gal Pro 2500</b>	Avg: <b>15</b>	<b>400</b>	15 Min:	
Well Connection:	Annulus Vol.:	From:	To:		HHP Used:		Annulus Pressure:	
Plug Depth:	Packer Depth:	From:	To:	Flush: <b>4620 gal Pro 2500</b>	Gas Volume:		Total Load: <b>542</b>	

Customer Representative: <b>TRACY</b>	Station Manager: <b>D SCOTT</b>	Treater: <b>T. SEBA</b>
---------------------------------------	---------------------------------	-------------------------

Time	Casing Pressure	Tubing Pressure	Bbls: Pumped	Rate	Service Log
					ON LOC 7:15
					PRE SET UP MTG; SET UP TEL'S
9:09	3500				PRIME UP; PSI TEST LINE
9:12	5			14.8	START 6000 GAL PAD
9:16	350		101	2.9	LOADED
9:18	635		103	1.5	EST RATE
9:20	650		143	14.9	START 1,000 GAL 1/2" 16/30
9:21	543		167	14.9	START 3,000 GAL 1" 16/30
9:26	439		242	14.9	START 3,000 GAL 1 1/2" 16/30
9:27	472		248	14.9	1/2" 16/30 O BOTTOM
9:28	443		272	14.9	1" 16/30 O BOTTOM
9:31	386		318	14.9	START 2,000 GAL 2" 16/30
9:33	349		347	14.9	1 1/2" 16/30 O BOTTOM
9:35	335		370	14.9	START 2,000 GAL 2" 16/30 RC
9:39	300		423	14.9	2" 16/30 O BOTTOM
9:39	319		431	14.8	START FLUSH
9:42	427		475	14.9	2" 16/30 RC O BOTTOM
	565		542		SHUT DOWN
	450				ISIP

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WICHITA, KS

THANKS  
PRATT  
FRAC  
CLEW

# NINNESCAH VALLEY

MEASUREMENT PROCESSING COMPANY

1729 North Country Club Lane  
 Kingman KS 67068  
 Telephone 620-532-3839 Fax 620-532-3837

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## Volume Summary Report

PRODUCTION MONTH: JUNE 2007

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Lease Number	Lease Name	Ave Diff	Ave PSIA	Ave Temp	Flow Hrs	VOLUME	BTU	MMBTU
99005	SHAFFER	2.86	16.02	74.17	485.31	246	1163.10	290
99007	HENSON #1-14	0.00	0.00	60.00	0.00	0	1145.30	0
99009	ENGLISH A	2.57	17.30	60.00	715.56	298	1045.10	310
99011	SHAFFER A-1-22	9.93	20.91	76.66	687.46	1,351	1139.50	1,536
99012	DILLON	2.11	16.61	74.27	202.64	80	1115.10	88
99014	SCHMITT	2.48	19.31	72.87	625.66	114	1131.70	133
99016	BIGGERSTAFF #2	0.75	10.01	72.97	288.77	94	1130.50	107
99017	GLOVER	17.56	23.20	74.83	684.10	1,310	1120.80	1,472
99018	CUMMINS 1-34	34.35	24.37	73.05	658.61	694	886.60	614
99019	CUMMINS 2X	28.62	28.71	60.00	720.00	1,185	903.10	1,073
99020	SALMANS	9.56	27.45	75.92	717.87	681	892.00	605
99021	SCHARTZ #135	2.86	21.96	75.38	617.69	512	877.90	451
99030	BACON #2	10.57	24.50	60.00	734.00	525	1000.00	525
99034	McMILLAN	5.06	19.89	60.00	650.06	531	1352.70	722
99051	DESELMS #1	53.42	38.89	60.00	720.00	1,019	1162.40	1,185
99052	ARCHIE 1-15	1.29	19.89	77.34	694.37	122	1065.40	134
99053	STANTON FARMS 1-15	5.31	36.89	72.86	696.53	1,175	1220.70	1,431
99055	KELLEY	1.34	11.02	60.00	239.21	101	1074.00	110
99056	KNOCHE	0.85	0.68	60.00	8.74	3	1253.90	3
4472626	McFADDEN #1	1.31	30.42	71.08	657.10	140	931.90	128

# NINNESCAH VALLEY

MEASUREMENT PROCESSING COMPANY

1729 North Country Club Lane

Kingman KS 67068

Telephone 620-532-3839 Fax 620-532-3837

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Lease Number	Lease Name	Ave Diff	Ave PSIA	Ave Temp	Flow Hrs	VOLUME	BTU	MMBTU
4472636	NEWELL #2	3.84	10.50	60.00	166.99	15	1337.20	15
<b>Grand Total</b>						10,196		10,932

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

DRILL STEM TEST  
Hillard – Travis # 1  
110' N of the-N/2-Ne of Sec. 1-28s-13w  
Pratt County, Kansas  
API No.: 15-151-22,270-000

**DST #1:** 4,321-4,327' / 30-30-30-30: Weak Blow; Recovered 5' Drilling mud.  
IFP: 30-35#  
ISIP: 36#  
FFP: 32-34#  
FSIP: 36#

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