



KANSAS CORPORATION COMMISSION 1058825
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 3911
Name: Rama Operating Co., Inc.
Address 1: 101 S MAIN ST
Address 2: _____
City: STAFFORD State: KS Zip: 67578 + 1429
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 WSW SWD SLOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>06/18/2011</u>	<u>06/24/2011</u>	<u>06/24/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-25566-00-00
Spot Description: _____
NE NE NE SE Sec. 5 Twp. 20 S. R. 11 East West
2350 Feet from North / South Line of Section
240 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barton
Lease Name: Grant Well #: 8-5
Field Name: _____
Producing Formation: None
Elevation: Ground: 1772 Kelly Bushing: 1780
Total Depth: 3395 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 308 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

(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 240 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite: _____
Operator Name: Paul's Oilfield
Lease Name: Weiss License #: 31085
Quarter NE Sec. 11 Twp. 19 S. R. 12 East West
County: Barton Permit #: D26542

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Gantner Date: 07/15/2011



1058825

Operator Name: Rama Operating Co., Inc. Lease Name: Grant Well #: 8-5
Sec. 5 Twp. 20 S. R. 11 East West County: Barton

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run
Electric Log Submitted Electronically
List All E. Logs Run:
Radiation Guard
Log Formation (Top), Depth and Datum Sample
Name Top Datum
Topeka 2649 -869
Heebner 2911 -1131
Brown Lime 3034 -1254
Lansing 3055 -1275
Arbuckle 3347 -1567
RTD 3395 -1615

CASING RECORD
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated
Table with columns: Shots Per Foot, PERFORATION RECORD, Acid, Fracture, Shot, Cement Squeeze Record, Depth

TUBING RECORD: Size: Set At: Packer At: Liner Run:
Date of First, Resumed Production, SWD or ENHR.
Producing Method:
Estimated Production Per 24 Hours: Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity

DISPOSITION OF GAS:
METHOD OF COMPLETION:
PRODUCTION INTERVAL:

BASIC

energy services, L.P.

TREATMENT REPORT

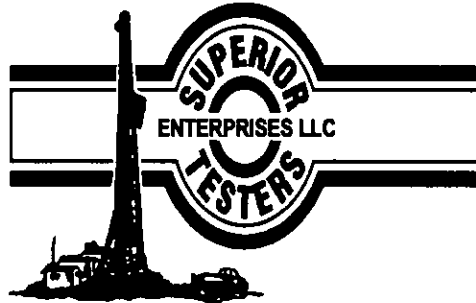
Customer Kama Operating Company, Inc.	Lease No. Grant	Date 6-19-11
Lease 8-5	Well # 8-5	
Field Order # 4363	Station Pratt, Kansas	Casing 8 7/8 28Lb
Type Job C.N.W. - Surface	Depth 308 Feet	County Barton
	Formation	State Kansas
		Legal Description 5-205-11W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME		
Casing Size 8 7/8 28Lb/ft.	Tubing Size 6 1/2 11.75	Shots/Ft 350	From 28	To Get	350 sacks 60/40 Poz with 38 Calcium Chloride, 25Lb/sk cell plate	RATE	PRESS	ISIP
Depth 308 Feet	Volume 14.2 Bbl.	From	From	To	14.8 Lb./Gal., 5.18 Gal/sk, 1.2 CU.FT./SK.			5 Min.
Max Press. 300 P.S.I.	Max Press	From	From	To				10 Min.
Well Connection P.V. Cont.	Annulus Vol.	From	From	To				15 Min.
Plug Depth 243 Feet	Packer Depth	From	From	To	Flush 18 Bbl. Fresh Water	HHP Used		Annulus Pressure
								Total Load

Customer Representative Lanny Salaga	Station Manager David Scott	Treater Clarence R. Messich
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Service Units	37,216	19,903	19,905	19,960	19,918				
Driver Names	Messich	Mattal	Phye						

Time	P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:15						Trucks on location and hold safety meeting.
10:00						Joints used - tested 28Lb/ft. 8 7/8" casing.
11:05						Casing in well. Circulate for 5 minutes.
11:12		300			5	Start Fresh Water Pre-flush.
		300		10	5	Start mixing 350 sacks 60/40 Poz cement.
		0		85		Stop pumping. Shut in well. Release wooden plug. Open Well.
11:38		100			5	Start Fresh Water Displacement.
11:45		300		18		Plug down. Shut in well.
						Circulated 5 sacks cement to the pit.
						Wash up pump truck.
						Job Complete.
						Thank You.
						Clarence, Mitte, Dale



DRILL STEM TEST REPORT

Prepared For: **Rama Operating CO Inc**

101 S Main ST Stafford KS
67578+1429

ATTN: Josh Austin

5-20-11 Barton

Grant #8-5

Start Date: 2011.06.22 @ 14:10:00

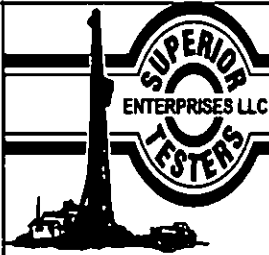
End Date: 2011.06.22 @ 20:24:30

Job Ticket #: 15822 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2011.06.22 @ 20:49:06

Rama Operating CO Inc Grant #8-5 5-20-11 Barton DST # 1 Lansing 'G' 2011.06.22



DRILL STEM TEST REPORT

Rama Operating CO Inc
 101 S Main ST Stafford KS
 67578+1429
 ATTN: Josh Austin

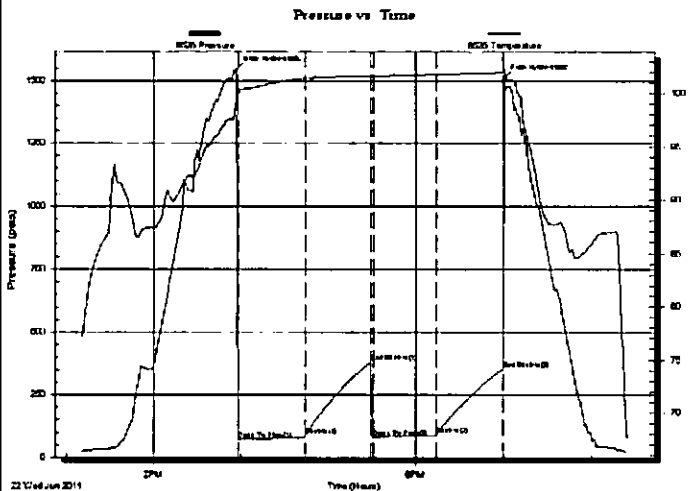
Grant #8-5
 5-20-11 Barton
 Job Ticket: 15822 DST#: 1
 Test Start: 2011.06.22 @ 14:10:00

GENERAL INFORMATION:

Formation: **Lansing 'G'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:57:30
 Time Test Ended: 20:24:30
 Interval: **3131.00 ft (KB) To 3145.00 ft (KB) (TVD)**
 Total Depth: 3145.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 3320-GB-30
 Reference Elevations: 1780.00 ft (KB)
 1771.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: **8525** Inside
 Press@RunDepth: 89.52 psia @ 3141.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.06.22 End Date: 2011.06.22 Last Calib.: 2011.06.22
 Start Time: 14:10:00 End Time: 20:24:30 Time On Btm: 2011.06.22 @ 15:56:30
 Time Off Btm: 2011.06.22 @ 19:00:00

TEST COMMENT: 45/initial Open: Strong blow built bottom of bucket in 10 minutes
 45/initial Shut In: no blow back
 45/Final Open: Strong blow built bottom of bucket in 7 minutes
 45/final Shut In: -



PRESSURE SUMMARY

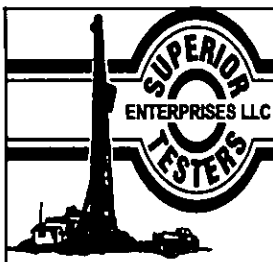
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1542.87	99.44	Initial Hydro-static
1	73.56	99.77	Open To Flow (1)
48	88.35	101.43	Shut-In(1)
93	380.50	101.67	End Shut-In(1)
94	79.87	101.67	Open To Flow (2)
137	89.52	101.78	Shut-In(2)
183	352.59	101.96	End Shut-In(2)
184	1510.95	102.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Slightley Oil Gas cut muddy water 2	0.30
0.00	20%oil 20%mud 20%w ater 40%gas	0.00
0.00	120 Fett Gas in Pipe 100% Gas	0.00
0.00	Chlorides 30,000	0.00
0.00	resistivity 3 @ 81 degrees	0.00

Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

Rama Operating CO Inc
 101 S Main ST Stafford KS
 67578+1429
 ATTN: Josh Austin

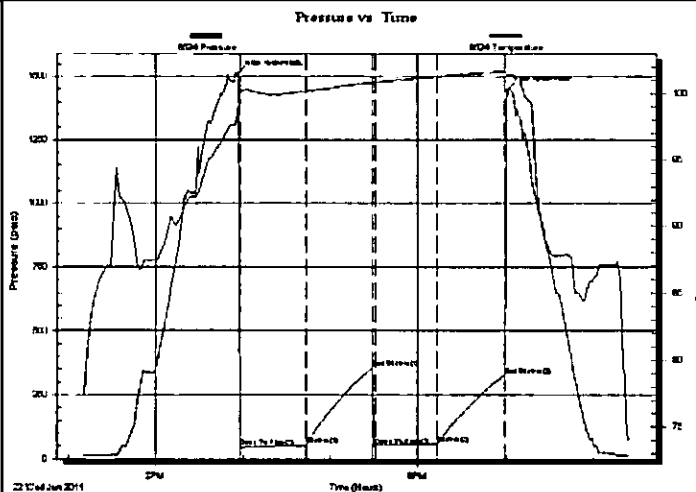
Grant #8-5
5-20-11 Barton
 Job Ticket: 15822 DST#: 1
 Test Start: 2011.06.22 @ 14:10:00

GENERAL INFORMATION:

Formation: **Lansing 'G'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:57:30
 Time Test Ended: 20:24:30
 Interval: **3131.00 ft (KB) To 3145.00 ft (KB) (TVD)**
 Total Depth: 3145.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 3320-GB-30
 Reference Elevations: 1780.00 ft (KB)
 1771.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8524 **Outside**
 Press@RunDepth: 325.92 psia @ 3142.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.06.22 End Date: 2011.06.22 Last Calib.: 2011.06.22
 Start Time: 14:10:00 End Time: 20:24:30 Time On Btm: 2011.06.22 @ 15:56:30
 Time Off Btm: 2011.06.22 @ 19:01:00

TEST COMMENT: 45/initial Open: Strong blow built bottom of bucket in 10 minutes
 45/initial Shut In: no blow back
 45/Final Open: Strong blow built bottom of bucket in 7 minutes
 45/final Shut In:



PRESSURE SUMMARY

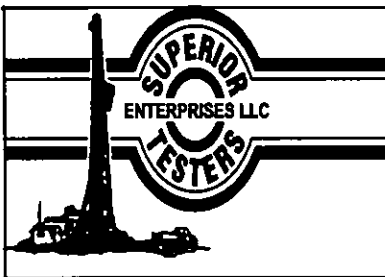
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1513.16	99.09	Initial Hydro-static
2	49.25	100.14	Open To Flow (1)
47	54.44	100.18	Shut-In (1)
93	354.96	100.83	End Shut-In (1)
94	52.23	100.85	Open To Flow (2)
137	60.49	101.28	Shut-In (2)
183	325.92	101.67	End Shut-In (2)
185	1446.35	101.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Slightley Oil Gas cut muddy w ater 2	0.30
0.00	20%oil 20%mud 20%w ater 40%gas	0.00
0.00	120 Fett Gas in Pipe 100% Gas	0.00
0.00	Chlorides 30,000	0.00
0.00	resistivity 3 @ 81 degrees	0.00

Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

TOOL DIAGRAM

Rama Operating CO Inc
 101 S Main ST Stafford KS
 67578+1429
 ATTN: Josh Austin

Grant #8-5
 5-20-11 Barton
 Job Ticket: 15822 DST#: 1
 Test Start: 2011.06.22 @ 14:10:00

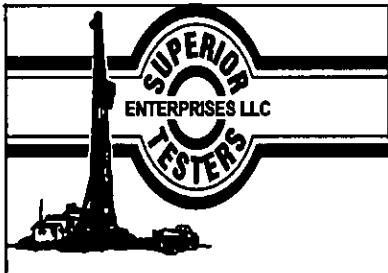
Tool Information

Drill Pipe:	Length: 2875.00 ft	Diameter: 3.80 inches	Volume: 40.33 bbl	Tool Weight:	1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose:	90000.00 lb
			<u>Total Volume: 41.51 bbl</u>	Tool Chased	8.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial	64000.00 lb
Depth to Top Packer:	3131.00 ft			Final	64000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	14.00 ft				
Tool Length:	34.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-in Tool	5.00		Inside	3116.00	
Hydraulic Tool	5.00			3121.00	
Packer	5.00			3126.00	20.00 Bottom Of Top Packer
Packer	5.00			3131.00	
Anchor	9.00			3140.00	
Recorder	1.00	8525	Inside	3141.00	
Recorder	1.00	8524	Outside	3142.00	
Bullnose	3.00			3145.00	14.00 Bottom Packers & Anchor

Total Tool Length: 34.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Rama Operating CO Inc
 101 S Main ST Stafford KS
 67578+1429
 ATTN: Josh Austin

Grant #8-5
 5-20-11 Barton
 Job Ticket: 15822 DST#: 1
 Test Start: 2011.06.22 @ 14:10:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: 3.00 ohm.m	Gas Cushion Pressure: psia		
Salinity: 1200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Slightley Oil Gas cut muddy w ater 2	0.295
0.00	20%oil 20%mud 20%water 40%gas	0.000
0.00	120 Fett Gas in Pipe 100% Gas	0.000
0.00	Chlorides 30,000	0.000
0.00	resistivity 3 @ 81 degrees	0.000

Total Length: 60.00 ft Total Volume: 0.295 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

