

Rama Operating Co.  
Smith-Hall 1-6

6-30s-13w  
15-007-23304

### Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530

(800) 792-6902

Company Rama Operating Co. Inc  
 Address PO Box 159 Stafford KS 67578  
 Lease & # Smith-Hall #1-6 Sec. 6 Twp 30s Rng 13w  
 Date 6-6-2008 County Barber Elevation 1913 G.L. 1922 K.B.  
 Drilling Contractor Starling Drilling Rig #4  
 Drill Pipe Length 7188 I.D. of Drill Pipe 3.8 Tool Joint Size 4 1/2 XH  
 Drill Collar Length 210 I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2 XH  
 Mud Weight 9.7 Viscosity 47 Filtrate 1.2 Chlorides-Pits 5,000 DST \_\_\_\_\_  
 Top Packer Depth 4412 Bottom Packer Depth 4417 Number of Packers 2  
 Tested From 4417 to 4485 Total Depth 4485 Anchor Length 68  
 Test # 1 Formation Tested MISS Hole Size 7 7/8  
 Initial Blow Strong Blow Bottom at Bucket in 3min  
 Blow back on the 1st Shut-in 1/2 inch 45min

Final Blow Strong Blow Bottom at Bracket in 1min  
 Blow back on the 2nd Shut-in NO Blow Back

Initial Hydrostatic 2297 P.S.I. Final Hydrostatic 2239 P.S.I. Maximum Temp. 118 F

Initial Opening	<u>88</u>	P.S.I. to	<u>91</u>	P.S.I.	from	<u>11:52</u>	am to	<u>12:22</u>	am	<u>30</u>	minutes
Initial Shut-in	<u>794</u>	P.S.I.		P.S.I.	from	<u>12:22</u>	am to	<u>1:07</u>	am	<u>45</u>	minutes
Final Opening	<u>86</u>	P.S.I. to	<u>87</u>	P.S.I.	from	<u>1:07</u>	am to	<u>1:37</u>	am	<u>30</u>	minutes
Final Shut-in	<u>808</u>	P.S.I.		P.S.I.	from	<u>1:37</u>	am to	<u>2:22</u>	am	<u>45</u>	minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
<u>60</u>	<u>Gas</u>	<u>100</u>			
<u>60</u>	<u>Drilling mud</u>			<u>100</u>	

Total Feet Recovered 60 Recovery Chlorides \_\_\_\_\_ Rw. \_\_\_\_\_ ohms @ \_\_\_\_\_ Degrees  
 Gravity of oil \_\_\_\_\_ Corrected Gas to Surface in \_\_\_\_\_ minutes into the \_\_\_\_\_  
 Max. Gas Gauged \_\_\_\_\_ MCF/day See Gas Flow Report Was a gas sample taken \_\_\_\_\_  
 Comments Shale packer Run For Top packer

Extra Equipment-Jars \_\_\_\_\_ Safety Joint \_\_\_\_\_ Circulating Sub \_\_\_\_\_ Straddle \_\_\_\_\_  
 Electronic Recorder No. 47441 Depth 4481 Extra Packer (3rd) \_\_\_\_\_ Hook Wall \_\_\_\_\_  
 Bottom Recorder No. 13214 Depth 4482 Extra Packer (4th) \_\_\_\_\_ Sampler \_\_\_\_\_  
 Tool Operator [Signature] Approved By \_\_\_\_\_

# SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

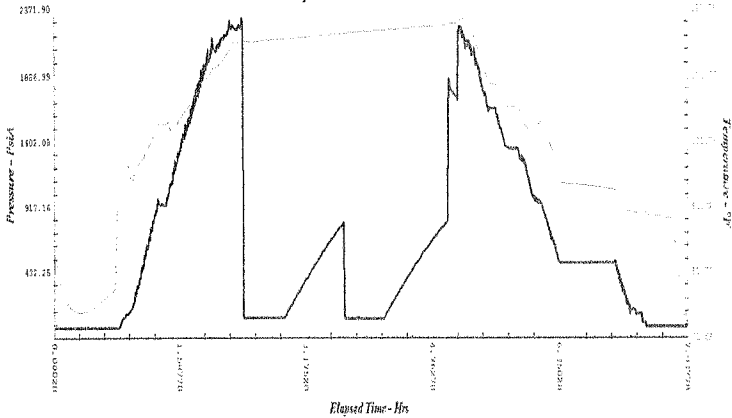
## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: RAMA OPERATING CO INC  
 Lease & Well No. SMITH-HALL #1-6  
 Test #: 1  
 Date: 6-6-08  
 SEC. 6  
 TWP.

30 RGE. 13

Temperature / Pressure Data



Tool serial number: 4143  
 Test start: 06/07/2008 01:27:07

1	Initial Hydrostatic Pressure	2297
2	Initial Flow Pressure	88
3	Final Initial Flow Pressure	91
4	Initial Shut-In Pressure	794
5	Initial Final Flow Pressure	86
6	Final Flow Pressure	87
7	Final Shut-In Pressure	808
8	Final Hydrostatic Pressure	2239

Maximum Temperature      118

### GENERAL INFORMATION

COMPANY NAME ..... RAMA OPERATING CO. INC	
TEST DATE ..... 6/6/08	LEASE AND WELL NUMBER ..... SMITH-HALL #1-6
SECTION-TOWN-RANGE ..... 6-30-13W	FORMATION TESTED ..... MISS
STATE ..... KANSAS	DRILL STEM TEST NUMBER ..... 1
COUNTY ..... BARBER	REPORT NUMBER ..... 15306
ELEVATION GROUND LEVEL ..... 1913	ELEVATION KELLY BUSHINGS ..... 1922
COMPANY REPRESENTATIVE ..... JOSH AUSTIN	TESTING ENGINEER ..... JAREED SCHECK

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... 4417	TOP PACKER DEPTH ..... 4412
TEST INTERVAL (to) ..... 4485	BOTTOM PACKER DEPTH ..... 4417
ANCHOR LENGTH ..... 68	NUMBER OF PACKERS ..... 2
TOTAL DEPTH (ft) ..... 4485	PACKER SIZE ..... 6 3/4
	HOLE SIZE ..... 7 7/8

### FLOW TIMES

<i>INITIAL OPEN</i>		<i>FINAL OPEN</i>	
TOOL OPEN (from) ..... 11:52P		TOOL OPEN (from) ..... 1:07	
TOOL OPEN (to) ..... 12:22A		TOOL OPEN (to) ..... 1:37	
DURATION (min.) ..... 30		DURATION (min.) ..... 30	
<i>INITIAL SHUT-IN</i>		<i>FINAL SHUT-IN</i>	
TOOL CLOSED (from) ..... 12:22		TOOL CLOSED (from) ..... 1:37	
TOOL CLOSED (to) ..... 1:07		TOOL CLOSED (to) ..... 2:22A	
DURATION (min.) ..... 45		DURATION (min.) ..... 45	

**INITIAL FLOW**      STRONG BLOW BOTTOM OF BUCKET IN 3 MIN  
 1/2 INCH BLOW BACK

**FINAL FLOW**      STRONG BLOW BOTTOM OF BUCKET IN 1 MIN  
 NO BLOW BACK

**SUPERIOR TESTERS ENTERPRISES L.L.C.**

**DRILL STEM TEST REPORT**

GREAT BEND, KANSAS 67530 (800)792-6902

**GENERAL INFORMATION**

COMPANY NAME ..... RAMA OPERATING CO.INC  
TEST DATE ..... 6/6/08  
SECTION-TOWN-RANGE ..... 6-30-13W  
STATE ..... KANSAS  
COUNTY ..... BARBER  
ELEVATION GROUND LEVEL ..... 1913  
COMPANY REPRESENTATIVE ..... JOSH AUSTIN  
LEASE AND WELL NUMBER ..... SMITH-HALL#1-6  
FORMATION TESTED ..... MISS  
DRILL STEM TEST NUMBER ..... 1  
REPORT NUMBER ..... 15306  
ELEVATION KELLY BUSHINGS ..... 1922  
TESTING ENGINEER ..... JARED SCHECK

**EXTRA EQUIPMENT**

JARS ..... NO  
SAFETY JOINT ..... NO  
ELECTRONIC RECORDER ..... NO  
CIRCULATING SUB ..... NO  
TOP RECORDER DEPTH ..... 4481  
RECORDER NUMBER ..... 4023  
EXTRA PACKER (3RD) ..... NO  
EXTRA PACKER (4TH) ..... NO  
STRADDLE ..... NO  
HOOK WALL ..... NO  
SAMPLER ..... NO  
30 MILES ROUND TRIP FROM PRATT  
BOTTOM RECORDER DEPTH ..... 4482  
RECORDER NUMBER ..... 3088

**WELL INFORMATION**

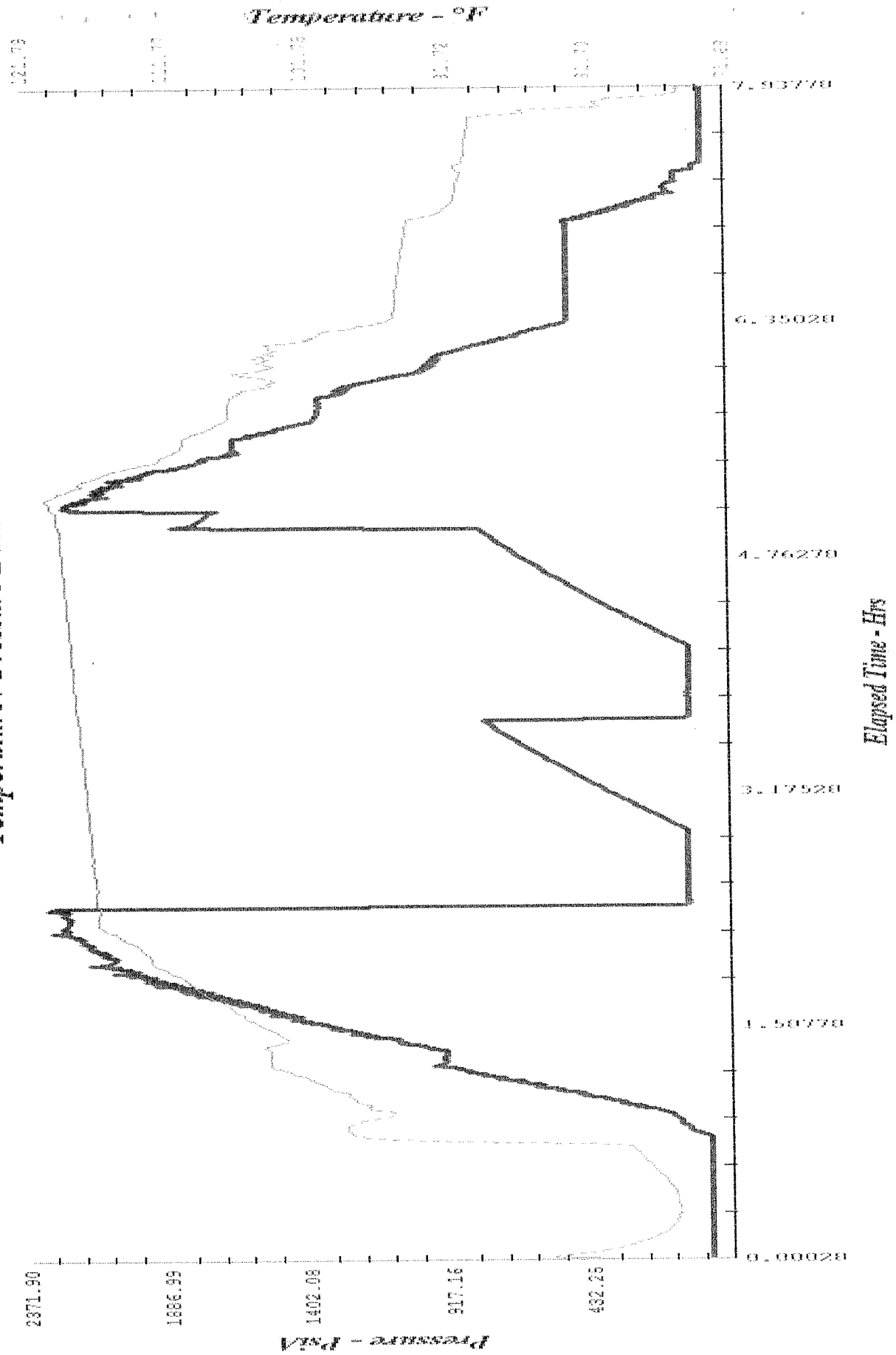
DRILLING CONTRACTOR ..... STERLING DRILLING RIG #4  
DRILL PIPE LENGTH ..... 4188  
DRILL PIPE I.D. .... 3.8  
TOOL JOINT SIZE ..... 4 1/2 X.H.  
CHLORIDES-PITS ..... 5,000  
CHLORIDES-DST .....  
DRILL COLLAR LENGTH ..... 210  
DRILL COLLAR I.D. .... 2.25  
TOOL JOINT SIZE ..... 4 1/2 X.H.  
MUD WEIGHT #/GAL ..... 9.7  
VISCOSITY ..... 47  
WATER LOSS ..... 11.2

**COMMENTS**

*Shale packer Run For Top Packer*



# Temperature / Pressure Data



Tool serial number: 4143

Test start: 06/07/2008 06:27:07

**Westers Enterprises L.L.C.**  
 P.O. Box 138, Great Bend, Kansas 67530  
 (800) 792-6902

Company Kama Operating Co Inc  
 Address PO Box 159 Stafford KS 67578  
 Lease & # Smith-Hall #1-6 Sec. 6 Twp 30 Rng 13W  
 Date 6-8-2008 County Barber Elevation 1913 G.L. 1922 K.B.  
 Drilling Contractor Sterling Drilling Rig #4  
 Drill Pipe Length 4500 I.D. of Drill Pipe 3.8 Tool Joint Size 4 1/2 XH  
 Drill Collar Length 210 I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2 XH  
 Mud Weight 9.4 Viscosity 47 Filtrate 9.6 Chlorides-Pits 5,000 DST \_\_\_\_\_  
 Top Packer Depth 4724 Bottom Packer Depth 4729 Number of Packers 2  
 Tested From 4729 to 4745 Total Depth 4745 Anchor Length 16  
 Test # 2 Formation Tested Arbuckle Hole Size 7 7/8  
 Initial Blow Very weak But Building Blow Built 2 inches in 30 min  
 Blow back on the 1st Shut-in NO Blow Back  
 Final Blow Very weak Surge Did not Build  
 Blow back on the 2nd Shut-in NO Blow Back

Initial Hydrostatic 2382 P.S.I. Final Hydrostatic 2347 P.S.I. Maximum Temp. 123 F

Initial Opening	<u>43</u> P.S.I. to <u>50</u> P.S.I.	from <u>8:38</u> pm to <u>9:08</u> pm	<u>30</u> minutes
Initial Shut-in	<u>348</u> P.S.I.	from <u>9:08</u> pm to <u>9:38</u> pm	<u>30</u> minutes
Final Opening	<u>50</u> P.S.I. to <u>52</u> P.S.I.	from <u>9:38</u> pm to <u>10:08</u> pm	<u>30</u> minutes
Final Shut-in	<u>80</u> P.S.I.	from <u>10:08</u> pm to <u>10:38</u> pm	<u>30</u> minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
<u>10</u>	<u>Spotted cut mud</u>		<u>1</u>	<u>99</u>	

Total Feet Recovered 10 Recovery Chlorides \_\_\_\_\_ Rw. \_\_\_\_\_ ohms @ \_\_\_\_\_ Degrees  
 Gravity of oil \_\_\_\_\_ Corrected Gas to Surface in \_\_\_\_\_ minutes into the \_\_\_\_\_  
 Max. Gas Gauged \_\_\_\_\_ MCF/day See Gas Flow Report Was a gas sample taken \_\_\_\_\_  
 Comments Shake packer Run For top packer

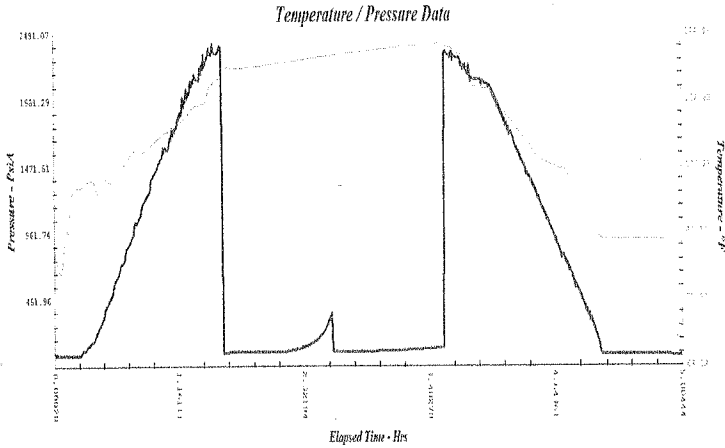
Extra Equipment-Jars \_\_\_\_\_ Safety Joint \_\_\_\_\_ Circulating Sub \_\_\_\_\_ Straddle \_\_\_\_\_  
 Electronic Recorder No. 47441 Depth 4741 Extra Packer (3rd) \_\_\_\_\_ Hook Wall \_\_\_\_\_  
 Bottom Recorder No. 13214 Depth 4742 Extra Packer (4th) \_\_\_\_\_ Sampler \_\_\_\_\_  
 Tool Operator [Signature] Approved By \_\_\_\_\_

# SUPERIOR TESTERS ENTERPRISES L.L.C.

## DRILL STEM TEST REPORT

1(800)792-6902

GREAT BEND, KANSAS 67530



Tool serial number: 4143  
Test start: 06/09/2008 00:55:13

1	Initial Hydrostatic Pressure	2382
2	Initial Flow Pressure	43
3	Final Initial Flow Pressure	50
4	Initial Shut-In Pressure	348
5	Initial Final Flow Pressure	50
6	Final Flow Pressure	52
7	Final Shut-In Pressure	80
8	Final Hydrostatic Pressure	2347

Maximum Temperature      123

### GENERAL INFORMATION

COMPANY NAME ..... RAMA OPERATING CO INC	
TEST DATE ..... 6/8/08	LEASE AND WELL NUMBER ..... SMITH-HALL#1-6
SECTION-TOWN-RANGE ..... 6-30-13W	FORMATION TESTED ..... ARBUCKLE
STATE ..... KANSAS	DRILL STEM TEST NUMBER ..... 2
COUNTY ..... BARBER	REPORT NUMBER ..... 15307
ELEVATION GROUND LEVEL ..... 1913	ELEVATION KELLY BUSHINGS ..... 1922
COMPANY REPRESENTATIVE ..... JOSH AUSTIN	TESTING ENGINEER ..... JARED SCHECK

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... 4729	TOP PACKER DEPTH ..... 4724
TEST INTERVAL (to) ..... 4745	BOTTOM PACKER DEPTH ..... 4729
ANCHOR LENGTH ..... 16	NUMBER OF PACKERS ..... 2
TOTAL DEPTH (ft) ..... 4745	PACKER SIZE ..... 6 3/4
	HOLE SIZE ..... 7 7/8

### FLOW TIMES

<i>INITIAL OPEN</i>		<i>FINAL OPEN</i>	
TOOL OPEN (from) ..... 8:38P		TOOL OPEN (from) ..... 9:38	
TOOL OPEN (to) ..... 9:08		TOOL OPEN (to) ..... 10:08	
DURATION (min.) ..... 30		DURATION (min.) ..... 30	
<i>INITIAL SHUT-IN</i>		<i>FINAL SHUT-IN</i>	
TOOL CLOSED (from) ..... 9:08		TOOL CLOSED (from) ..... 10:08	
TOOL CLOSED (to) ..... 9:38		TOOL CLOSED (to) ..... 10:38P	
DURATION (min.) ..... 30		DURATION (min.) ..... 30	

**INITIAL FLOW**      VERY WEAK BUT BUILDING BLOW BUILT 1/2 INCH IN 30 MIN  
NO BLOW BACK

**FINAL FLOW**      VERY WEAK SURFACE BLOW DIED OFF  
NO BLOW BACK

30 RGE: 13      Company: RAMA OPERATING CO INC      Lease & Well No. SMITH-HALL#1-6      Test #: 2      Date: 6-8-08      SEC. 6      TWP.

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME ..... RAMA OPERATING CO INC  
TEST DATE ..... 6/8/08  
SECTION-TOWN-RANGE ..... 6-30-13W  
STATE ..... KANSAS  
COUNTY ..... BARBER  
ELEVATION GROUND LEVEL ..... 1913  
COMPANY REPRESENTATIVE ..... JOSH AUSTIN  
LEASE AND WELL NUMBER ..... SMITH-HALL#1-6  
FORMATION TESTED ..... ARBUCKLE  
DRILL STEM TEST NUMBER ..... 2  
REPORT NUMBER ..... 15307  
ELEVATION KELLY BUSHINGS ..... 1922  
TESTING ENGINEER ..... JARED SCHECK

EXTRA EQUIPMENT

JARS ..... NO  
SAFETY JOINT ..... NO  
ELECTRONIC RECORDER ..... NO  
CIRCULATING SUB ..... NO  
TOP RECORDER DEPTH ..... 4741  
RECORDER NUMBER ..... 4023  
EXTRA PACKER (3RD) ..... NO  
EXTRA PACKER (4TH) ..... NO  
STRADDLE ..... NO  
HOOK WALL ..... NO  
SAMPLER ..... NO  
BOTTOM RECORDER DEPTH ..... 4742  
RECORDER NUMBER ..... 3088

30 MILES ROUND TRIP FROM GREAT BEND Pratt

WELL INFORMATION

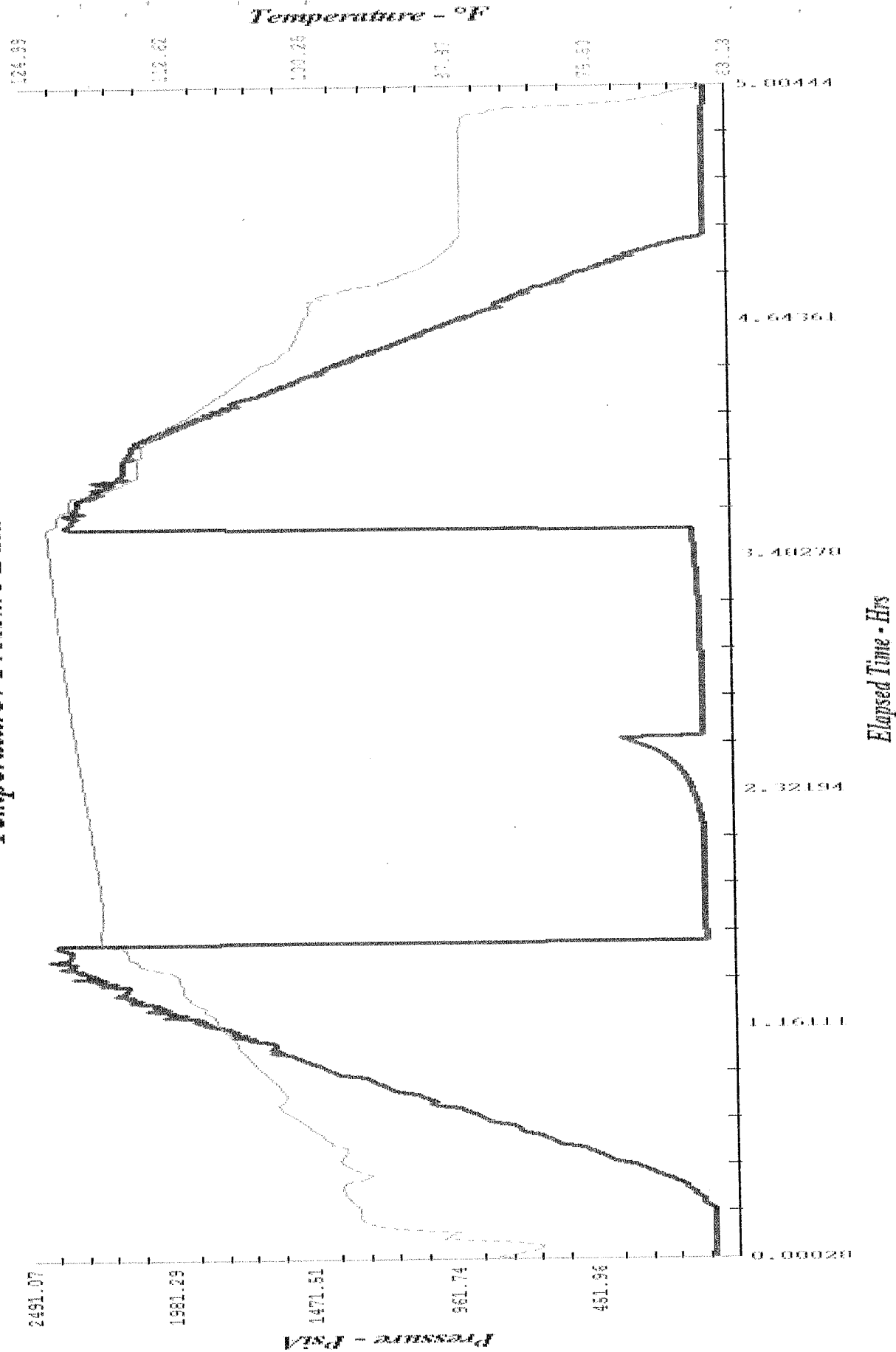
DRILLING CONTRACTOR ..... STERLING DRILLING RIG #4  
DRILL PIPE LENGTH ..... 4500  
DRILL PIPE I.D. ..... 3.8  
TOOL JOINT SIZE ..... 4 1/2 X.H.  
CHLORIDES-PITS ..... 5,000  
CHLORIDES-DST .....  
DRILL COLLAR LENGTH ..... 210  
DRILL COLLAR I.D. ..... 2.25  
TOOL JOINT SIZE ..... 4 1/2 X.H.  
MUD WEIGHT #/GAL ..... 9.4  
VISCOSITY ..... 47  
WATER LOSS ..... 9.6

COMMENTS

SHALE PACKER RUN FOR TOP PACKER



# Temperature / Pressure Data



Tool serial number: 4143  
 Test start: 06/09/2008 00:56:13

# Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530

(800) 792-6902

Company Roma Operating CO Inc  
 Address PO Box 159 Stafford KS 67578  
 Lease & # Smith-Hall #1-6 Sec. 6 Twp 30 Rng 13w  
 Date 6-9-2008 County Barber Elevation 1913 G.L. 1922 K.B.  
 Drilling Contractor Sterling Drilling Rig #4  
 Drill Pipe Length 4555 I.D. of Drill Pipe 3.8 Tool Joint Size 4 1/2 XH  
 Drill Collar Length 210 I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2 XH  
 Mud Weight 9.3 Viscosity 50 Filtrate 8.8 Chlorides-Pits 4,000 DST 26,000  
 Top Packer Depth 4619 Bottom Packer Depth 4624 Number of Packers 3  
 Tested From 4624 to 4655 Total Depth 4826 Anchor Length 31  
 Test # 3 Formation Tested Simpson Sand Hole Size 7 7/8  
 Initial Blow Strong Blow Bottom of Bucket Less than 1 min Gas to surface  
in 3 min See Gas Report Blow back on the 1st Shut-in Bottom Bucket  
 Final Blow Strong Blow Bottom Bucket Less 1 min  
 Blow back on the 2nd Shut-in Bottom Bucket

Initial Hydrostatic 2349 P.S.I. Final Hydrostatic 2870 P.S.I. Maximum Temp. 120 F

Initial Opening	<u>389</u> P.S.I. to <u>560</u> P.S.I.	from	<u>11:33</u> a.m. to <u>12:03</u> a.m.	<u>30</u> minutes
Initial Shut-in	<u>1021</u> P.S.I.	from	<u>12:03</u> a.m. to <u>12:48</u> a.m.	<u>45</u> minutes
Final Opening	<u>552</u> P.S.I. to <u>680</u> P.S.I.	from	<u>12:48</u> a.m. to <u>1:18</u> a.m.	<u>30</u> minutes
Final Shut-in	<u>1060</u> P.S.I.	from	<u>1:18</u> a.m. to <u>2:03</u> a.m.	<u>45</u> minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
<u>225</u>	<u>Clean Gassey oil</u>	<u>10</u>	<u>90</u>		
<u>120</u>	<u>Gassey oil cut muddy water</u>	<u>10</u>	<u>70</u>	<u>10</u>	<u>10</u>
<u>90</u>	<u>Gassey oil cut muddy water</u>	<u>10</u>	<u>50</u>	<u>20</u>	<u>20</u>
<u>150</u>	<u>Gassey oil cut watery mvd</u>	<u>10</u>	<u>50</u>	<u>10</u>	<u>30</u>
<u>60</u>	<u>slightly Gassey watery mvd</u>	<u>5</u>	<u>5</u>	<u>20</u>	<u>70</u>
	<u>chlorides 26,000</u>				

Total Feet Recovered 645 Recovery Chlorides 26,000 Rw. \_\_\_\_\_ ohms @ \_\_\_\_\_ Degrees  
 Gravity of oil 29 Corrected Gas to Surface in 3 minutes into the 1st open  
 Max. Gas Gauged 2200 MCF/day See Gas Flow Report Was a gas sample taken yes  
 Comments Shale packer Run for 3rd packer / Gas to surface 3 min into 1st open  
See Gas Report

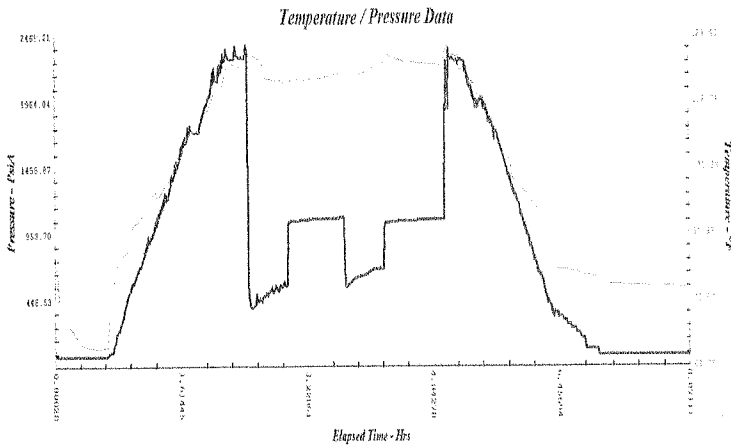
Extra Equipment-Jars \_\_\_\_\_ Safety Joint \_\_\_\_\_ Circulating Sub \_\_\_\_\_ Straddle yes  
 Electronic Recorder No. 47441-13214 Depth 4651-4652 Extra Packer (3rd) 4655 Shale Packer \_\_\_\_\_ Hook Wall \_\_\_\_\_  
 Bottom Recorder No. 3028 Depth 4823 Extra Packer (4th) \_\_\_\_\_ Sampler \_\_\_\_\_  
 Tool Operator [Signature] Approved By \_\_\_\_\_

# SUPERIOR TESTERS ENTERPRISES L.L.C.

## DRILL STEM TEST REPORT

1(800)792-6902

GREAT BEND, KANSAS 67530



Tool serial number: 4143  
Test start: 06/10/2008 05:12:52

1	Initial Hydrostatic Pressure	2347
2	Initial Flow Pressure	389
3	Final Initial Flow Pressure	560
4	Initial Shut-In Pressure	1071
5	Initial Final Flow Pressure	552
6	Final Flow Pressure	680
7	Final Shut-In Pressure	1060
8	Final Hydrostatic Pressure	2270

Maximum Temperature      120

### GENERAL INFORMATION

COMPANY NAME ..... RAMA OPERATING CO INC	
TEST DATE ..... 6/9/08	LEASE AND WELL NUMBER ..... SMITH-HALL#1-6
SECTION-TOWN-RANGE ..... 6-30-13W	FORMATION TESTED ..... SIMPSON SAND
STATE ..... KANSAS	DRILL STEM TEST NUMBER ..... 3
COUNTY ..... BARBER	REPORT NUMBER ..... 15308
ELEVATION GROUND LEVEL ..... 1913	ELEVATION KELLY BUSHINGS ..... 1922
COMPANY REPRESENTATIVE ..... JOSH AUSTIN	TESTING ENGINEER ..... JARED SCHECK

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... 4624	TOP PACKER DEPTH ..... 4619
TEST INTERVAL (to) ..... 4655	BOTTOM PACKER DEPTH ..... 4624
ANCHOR LENGTH ..... 31	NUMBER OF PACKERS ..... 3
TOTAL DEPTH (ft) ..... 4826	PACKER SIZE ..... 6 3/4
	HOLE SIZE ..... 7 7/8

### FLOW TIMES

INITIAL OPEN		FINAL OPEN	
TOOL OPEN (from) ..... 11:33P		TOOL OPEN (from) ..... 12:48	
TOOL OPEN (to) ..... 12:03A		TOOL OPEN (to) ..... 1:18	
DURATION (min.) ..... 30		DURATION (min.) ..... 30	
INITIAL SHUT-IN		FINAL SHUT-IN	
TOOL CLOSED (from) ..... 12:03		TOOL CLOSED (from) ..... 1:18	
TOOL CLOSED (to) ..... 12:48		TOOL CLOSED (to) ..... 2:03A	
DURATION (min.) ..... 45		DURATION (min.) ..... 45	

### INITIAL FLOW

STRONG BLOW BOTTOM OF BUCKET LESS 1 MIN GAS TO SURFACE IN 3 MIN  
SEE GAS REPT BLOW BACK BOTTOM OF BUCKET

### FINAL FLOW

STRONG BLOW BOTTOM OF BUCKET LESS 1 MIN  
BLOW BACK BOTTOM OF BUCKET

Company: RAMA OPERATING CO INC      Lease & Well No. SMITH-HALL #1-6      Test #: 3      Date: 6-9-08      SEC. 6      TWP. 30 RGE. 13

**SUPERIOR TESTERS ENTERPRISES L.L.C.**

**DRILL STEM TEST REPORT**

GREAT BEND, KANSAS 67530 (800)792-6902

**GENERAL INFORMATION**

COMPANY NAME ..... **RAMA OPERATING CO INC**  
TEST DATE ..... **6/9/08**  
SECTION-TOWN-RANGE ..... **6-30-13W**  
STATE ..... **KANSAS**  
COUNTY ..... **BARBER**  
ELEVATION GROUND LEVEL ..... **1913**  
COMPANY REPRESENTATIVE ..... **JOSH AUSTIN**  
LEASE AND WELL NUMBER ..... **SMITH-HALL#1-6**  
FORMATION TESTED ..... **SIMPSON SAND**  
DRILL STEM TEST NUMBER ..... **3**  
REPORT NUMBER ..... **15308**  
ELEVATION KELLY BUSHINGS ..... **1922**  
TESTING ENGINEER ..... **JARED SCHECK**

**EXTRA EQUIPMENT**

JARS ..... **NO**  
SAFETY JOINT ..... **NO**  
ELECTRONIC RECORDER ..... **YES**  
CIRCULATING SUB ..... **NO**  
EXTRA PACKER (3RD) ..... **YES**  
EXTRA PACKER (4TH) ..... **NO**  
STRADDLE ..... **YES**  
HOOK WAIL ..... **NO**  
SAMPLER ..... **NO**  
**30 MILES ROUND TRIP FROM PRATT**  
TOP RECORDER DEPTH ..... **4651**  
RECORDER NUMBER ..... **4023**  
BOTTOM RECORDER DEPTH ..... **4652**  
RECORDER NUMBER ..... **3088**

**WELL INFORMATION**

DRILLING CONTRACTOR ..... **STERLING DRILLING RIG #4**  
DRILL PIPE LENGTH ..... **4555**  
DRILL PIPE I.D. .... **3.8**  
TOOL JOINT SIZE ..... **4 1/2 X.H.**  
DRILL COLLAR LENGTH ..... **210**  
DRILL COLLAR I.D. .... **2.25**  
TOOL JOINT SIZE ..... **4 1/2 X.H.**  
CHLORIDES-PITS ..... **4,000**  
CHLORIDES-DST ..... **26,000**  
MUD WEIGHT #/GAL ..... **9.3**  
VISCOSITY ..... **50**  
WATER LOSS ..... **8.8**

**COMMENTS**

SHALE PACKER RUN FOR 3RD PACKER



**SUPERIOR TESTERS ENTERPRISES L.L.C.**

GREAT BEND, KANSAS

**GAS FLOW RATE**

(800) 792-6902

#

<b>STATE</b> .....	KANSAS	<b>Test Date</b> .....	1/0/1900
<b>COUNTY</b> .....	BARBER	<b>Sec Town Range</b> .....	6-30-13W
<b>FIELD</b> .....		<b>Report Number</b> .....	15308

**Initial Flow**

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPEN	11:40P	7		8		1 1/2	1123.000
11:33P	11:43	10		13		1 1/2	1490.000
GAS TO SURFACE	11:53	10		19		1 1/2	1887.000
11:36	12:03A	10		20		1 1/2	1949.000
GAS TO SURFACE							

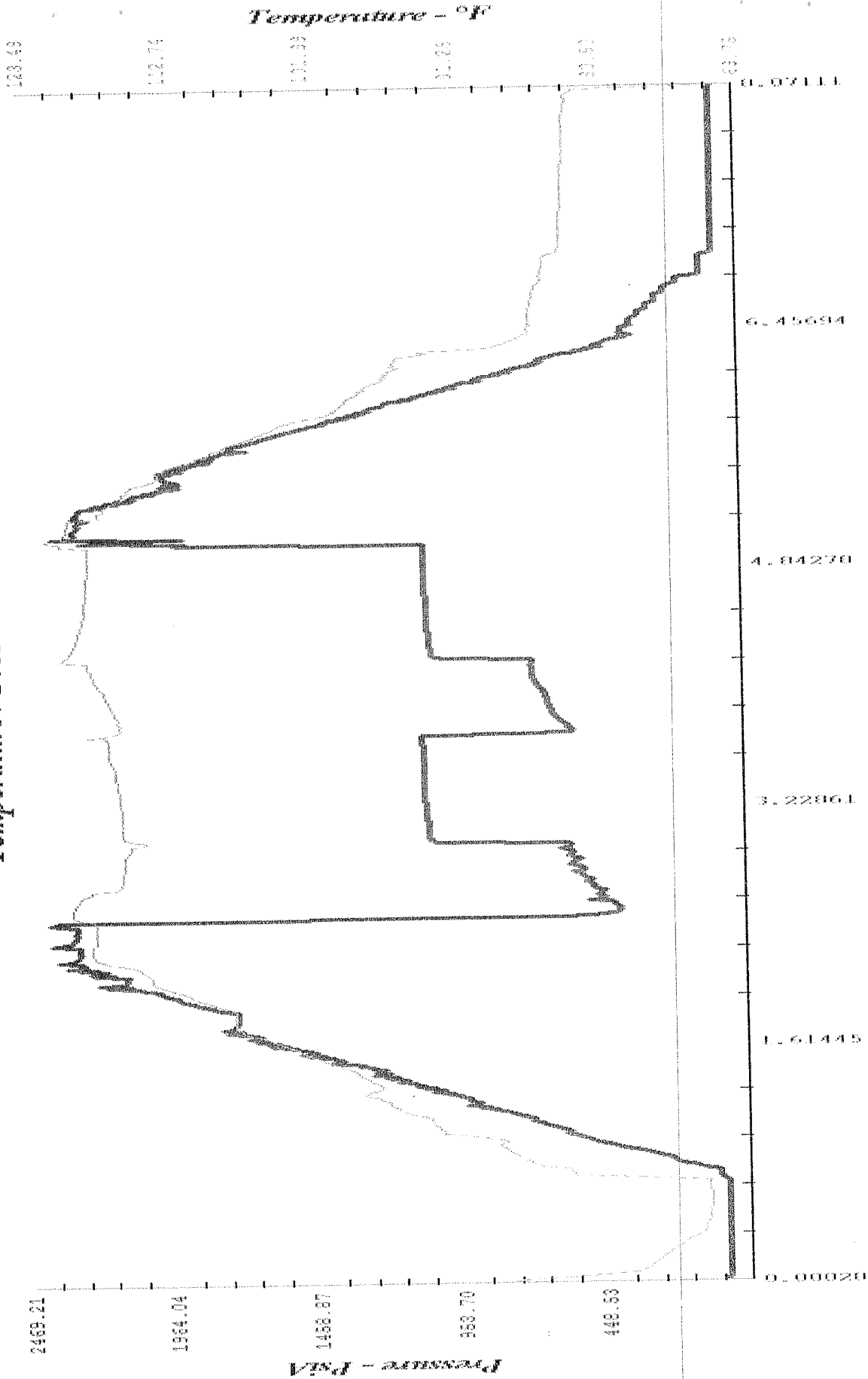
**Final Flow**

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPEN	12:48			10		1 1/2	1274.000
12:48A	12:58	10		24		1 1/2	2200.000
	1:08	10		24		1 1/2	2200.000
	1:18	10		24		1 1/2	2200.000
GAS SAMPLE WAS TAKEN							

**Was there a gas sample taken**

**YES**

# Temperature / Pressure Data



Incl serial number: 4143

Test start: 06/10/2008 05:12:52