

# Superior Testers Enterprises, Inc.

ORIGINAL

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 12-05-2003 Location 100' S of N 1/4 E 1/4 S 25' N 1/4 Elevation 1926' ± County Shawnee

Company F.B. Hall Company L.L.C. Number of Copies 5

Charts Mailed to 9431 East Central Suite 100 Wichita, Kansas 67206-2545

Drilling Contractor Duke Drilling Rig #8

Length Drill Pipe 3603 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X 1 1/2"

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 3617 Bottom Packer Depth 3622 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3622 TO 3765 ANCHOR LENGTH 143 TOTAL DEPTH 3765 Hole Size 7 7/8"

EASE & WELL NO. Aramps "A" #1-15 FORMATION TESTED Viola TEST NO. 2

Mud Weight 9.5 Viscosity 52 Water Loss 9.2 Chlorides - Pits 6200 D.S.T. \_\_\_\_\_

Maximum Temp. 101 °F Initial Hydrostatic Pressure (A) 1976 P.S.I. Final Hydrostatic Pressure (H) 1879 P.S.I.

Tool Open I.F.P. from 8:15 pm to 8:30 pm 15 min

from [B]	<u>102</u>	P.S.I. to [C]	<u>113</u>	P.S.I.
[D]	<u>264</u>			P.S.I.
from [E]	<u>105</u>	P.S.I. to [F]	<u>117</u>	P.S.I.
[G]	<u>187</u>			P.S.I.

Tool Closed I.C.I.P. from 8:30 pm to 9:00 pm 30 min

Tool Open F.F.P. from 9:00 pm to 9:15 pm 15 min

Tool Closed F.C.I.P. from 9:15 pm to 9:45 pm 30 min

Initial Blow WEAK blow for 9 minutes & DIED

Final Blow No blow

Total Feet Recovered 15 Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

<u>15</u> Feet of <u>Drilling MUD no shales</u>	% Gas	% Oil	% Mud	% Water
Feet of _____	% Gas	% Oil	% Mud	% Water
Feet of _____	% Gas	% Oil	% Mud	% Water
Feet of _____	% Gas	% Oil	% Mud	% Water
Feet of _____	% Gas	% Oil	% Mud	% Water
Feet of _____	% Gas	% Oil	% Mud	% Water
Feet of _____	% Gas	% Oil	% Mud	% Water
Feet of _____	% Gas	% Oil	% Mud	% Water
Feet of _____	% Gas	% Oil	% Mud	% Water

Remarks \_\_\_\_\_

Extra Equipment - Jars NONE Safety Joint YES Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 91716 Clock No. Electronic Depth 3756 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13208 Clock No. 47441 Depth 3760 Insurance NONE

Price of Job \_\_\_\_\_

Tool Operator Gene Budig

Approved By \_\_\_\_\_  
No 12493

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

**SUPERIOR TESTERS ENTERPRISES INC.**

**Great Bend, Kansas**

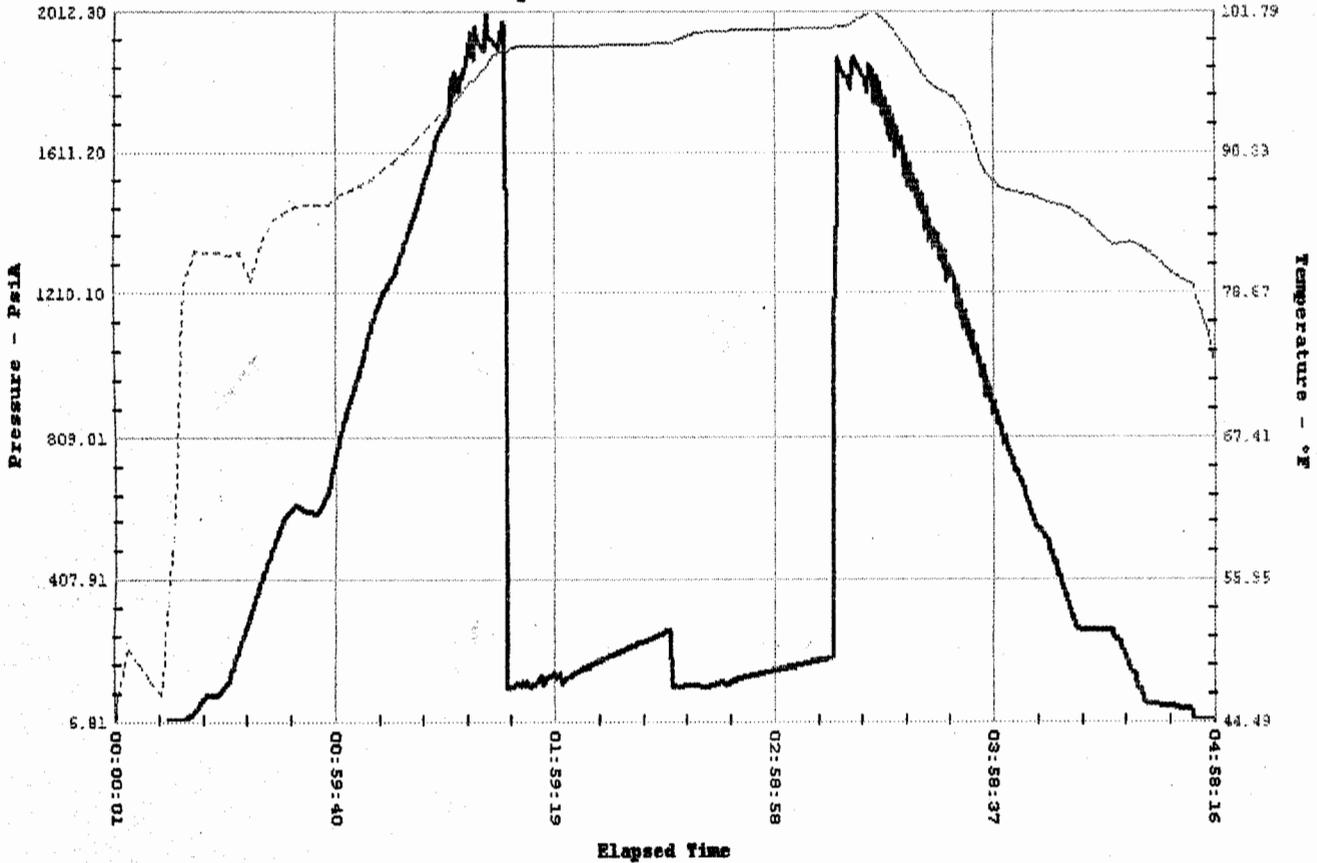
**CHART DATA ORIGINAL** (316) 792-6902

State ..... KANSAS  
 County ..... STAFFORD  
 Field .....

Test Date ..... December 5, 2003  
 Sec Town Range ..... 15-21S-14W  
 Report Number ..... 12493

Company: F.G.HOLL COMPANY  
 21S RGE. 14W  
 Lease & Well No. KRAMPE "A" #1-15  
 Test #: 2  
 Date: 12-08-2003  
 SEC. 15 TWP.

**Temperature / Pressure Data**



**Field Reading**

(1)	Initial Hydrostatic Pressure	1976
(2)	Initial Flow Pressure	102
(3)	Final Initial Flow Pressure	113
(4)	Initial Shut-In Pressure	264
(5)	Initial Final Flow Pressure	105
(6)	Final Flow Pressure	117
(7)	Final Shut-In Pressure	187
(8)	Final Hydrostatic Pressure	1879

**ELECTRONIC RECORDER DEPTH 3758 FT, RECORDER NUMBER 80507**

# SUPERIOR TESTERS ENTERPRISES INC.

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-8902

### GENERAL INFORMATION

COMPANY NAME .....	<b>F.G.HOLL COMPANY L.L.C.</b>	LEASE AND WELL NUMBER .....	<b>KRAMPE "A" #1-15</b>
TEST DATE .....	<b>12/5/2003</b>	FORMATION TESTED .....	<b>VIOLA</b>
SECTION-TOWN-RANGE .....	<b>15-21S-14W</b>	DRILL STEM TEST NUMBER .....	<b>2</b>
STATE .....	<b>KANSAS</b>	REPORT NUMBER .....	<b>12493</b>
COUNTY .....	<b>STAFFORD</b>	ELEVATION KELLY BUSHINGS .....	<b>1936</b>
ELEVATION GROUND LEVEL .....	<b>1928</b>	TESTING ENGINEER .....	<b>GENE BUDIG</b>
COMPANY REPRESENTATIVE .....	<b>BILL REE</b>		

### TOOL SETTING INFORMATION

TEST INTERVAL (From) .....	<b>3622</b>	TOP PACKER DEPTH .....	<b>3617</b>
TEST INTERVAL (to) .....	<b>3765</b>	BOTTOM PACKER DEPTH .....	<b>3622</b>
ANCHOR LENGTH .....	<b>143</b>	NUMBER OF PACKERS .....	<b>2</b>
TOTAL DEPTH (ft) .....	<b>3765</b>	PACKER SIZE .....	<b>6 3/4</b>
		HOLE SIZE .....	<b>7 7/8</b>

### FLOW TIMES

*INITIAL OPEN*

TOOL OPEN (from) .....	<b>8:15</b>
TOOL OPEN (to) .....	<b>8:30</b>
DURATION (min.) .....	<b>15</b>

*INITIAL SHUT-IN*

TOOL CLOSED (from) .....	<b>8:30</b>
TOOL CLOSED (to) .....	<b>9:00</b>
DURATION (min.) .....	<b>30</b>

*FINAL OPEN*

TOOL OPEN (from) .....	<b>9:00</b>
TOOL OPEN (to) .....	<b>9:15</b>
DURATION (min.) .....	<b>15</b>

*FINAL SHUT-IN*

TOOL CLOSED (from) .....	<b>9:15</b>
TOOL CLOSED (to) .....	<b>9:45</b>
DURATION (min.) .....	<b>30</b>

### PRESSURE READINGS

INITIAL HYDROSTATIC .....	<b>1976</b>
INITIAL FLOW .....	<b>102</b>
FINAL INITIAL FLOW .....	<b>113</b>
INITIAL SHUT-IN .....	<b>264</b>
INITIAL FINAL FLOW .....	<b>105</b>
FINAL FLOW .....	<b>117</b>
FINAL SHUT-IN .....	<b>187</b>
FINAL HYDROSTATIC .....	<b>1879</b>
MAXIMUM TEMPERATURE .....	<b>101</b>
TOP RECORDER DEPTH .....	<b>3758</b>
RECORDER NUMBER .....	<b>80507</b>
BOTTOM RECORDER DEPTH .....	<b>3762</b>
RECORDER NUMBER .....	<b>13208</b>

### INITIAL BLOW

**WEAK BLOW FOR 9 MINUTES AND DIED**

### FINAL BLOW

**NO BLOW**

### EXTRA EQUIPMENT

JARS .....	<b>NO</b>	EXTRA PACKER (3RD) .....	<b>NO</b>
SAFETY JOINT .....	<b>YES</b>	EXTRA PACKER (4TH) .....	<b>NO</b>
ELECTRONIC RECORDER .....	<b>YES</b>	STRADDLE .....	<b>NO</b>
CIRCULATING SUB .....	<b>NO</b>	HOOK WALL .....	<b>NO</b>
		SAMPLER .....	<b>NO</b>

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## DRILL STEM TEST REPORT

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**WELL INFORMATION**

DRILLING CONTRACTOR ..... **DUKE DRILLING RIG #8**

DRILL PIPE LENGTH ..... **3603**

DRILL PIPE I.D. .... **3.8**

TOOL JOINT SIZE ..... **4 1/2 X.H.**

DRILL COLLAR LENGTH .....

DRILL COLLAR I.D. .... **2.25**

TOOL JOINT SIZE ..... **4 1/2 X.H.**

WEIGHT PIPE LENGTH .....

WEIGHT PIPE I.D. .... **2.25**

TOOL JOINT SIZE ..... **4 1/2 X.H.**

MUD WEIGHT #/GAL ..... **9.5**

VISCOSITY ..... **52**

WATER LOSS ..... **9.2**

CHLORIDES-PITS ..... **6700**

CHLORIDES-DST .....

FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1) 15	DRILLING MUD WITH NO SHOWS				
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					

TOTAL RECOVERY

**COMMENTS**