

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530
(316) 792-6902

ORIGINAL

Date 12-05-2003 Location 100's N. W. 1/4 - 5/8 15-21-14 W Elevation 1936 ft County Stafford

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

Charts Mailed to 9431 East Central Suite 100 W. Childs, Kansas 67206-2545

Drilling Contractor Duke Drilling Rig # 8

Length Drill Pipe 3582 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X 4

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 3598 Bottom Packer Depth 3603 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3603 TO 3623 ANCHOR LENGTH 20 TOTAL DEPTH 3623 Hole Size 7 7/8"

LEASE & WELL NO. Triampe "A" #1-15 FORMATION TESTED Kansas C.H. TEST NO. 1

Mud Weight 9.5 Viscosity 42 Water Loss 9.4 Chlorides - Pits 6200 D.S.T. _____

Maximum Temp. 99 °F Initial Hydrostatic Pressure (A) 1890 P.S.I. Final Hydrostatic Pressure (H) 1784 P.S.I.

Tool Open I.F.P. from 10:45 p.m. to 11:00 a.m. 15 min

Tool Closed I.C.I.P. from 11:00 p.m. to 11:30 a.m. 30 min

Tool Open F.F.P. from 11:30 p.m. to 11:45 p.m. 15 min

Tool Closed F.C.I.P. from 11:45 p.m. to 12:15 a.m. 30 min

Initial Blow WEAK Blow for 12 minutes & DIED

Final Blow NO BLOW

Total Feet Recovered 15 Gravity of Oil _____ Corrected _____

<u>15</u> Feet of <u>mud with spots of oil & a good</u>	% Gas	% Oil	% Mud	% Water
Feet of <u>show between the tools</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

Remarks _____

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

Top Recorder No. 91716 Clock No. Electronic Depth 3618 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 42441 Clock No. 13208 Depth 3620 Insurance NONE

Price of Job _____

Tool Operator Gene Buehler

Approved By _____
No 12492

from [B] <u>31</u> P.S.I. to [C] <u>32</u> P.S.I.
[D] <u>130</u> P.S.I.
from [E] <u>33</u> P.S.I. to [F] <u>34</u> P.S.I.
[G] <u>70</u> P.S.I.

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, of 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

(316) 792-6902

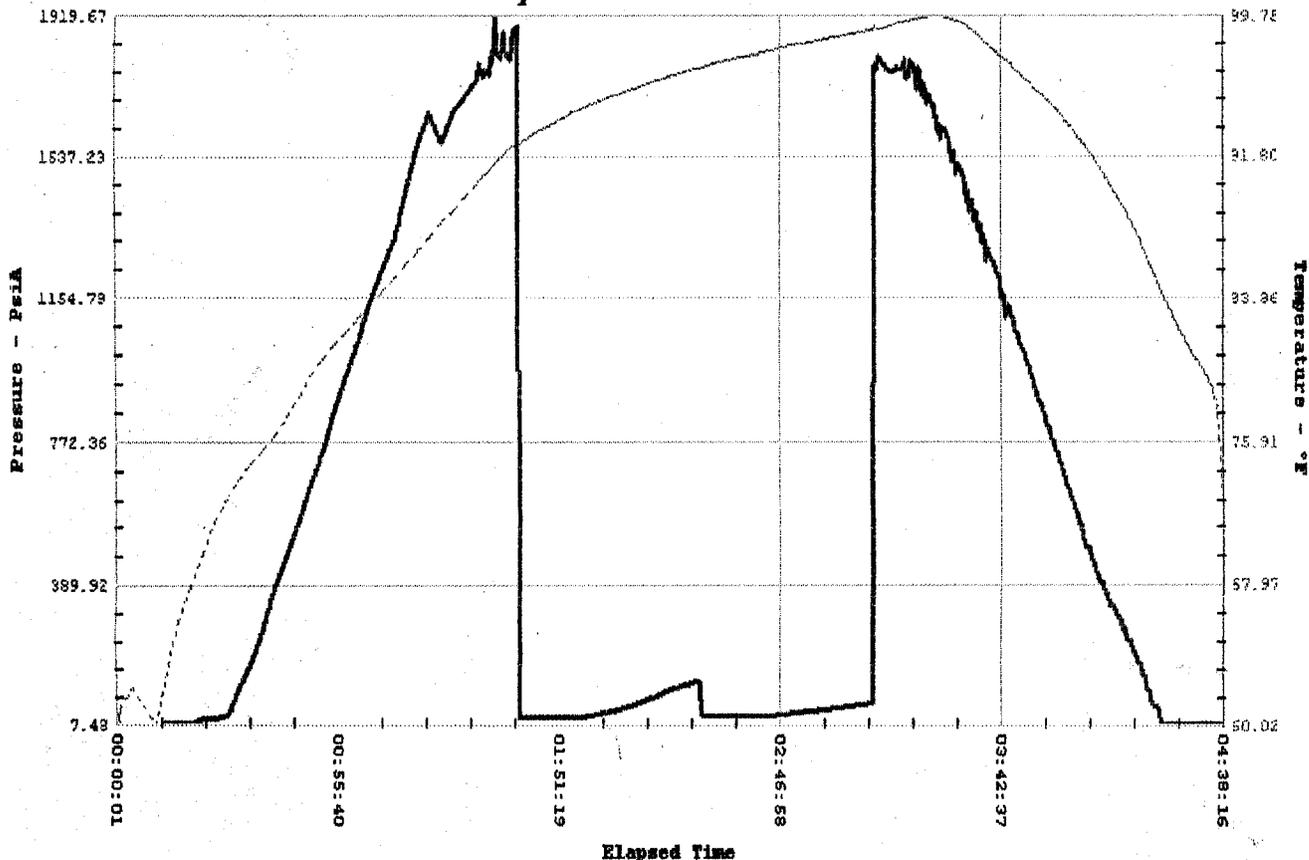
ORIGINAL

State KANSAS
 County STAFFORD
 Field

Test Date December 5, 2003
 Sec Town Range 15-21S-14W
 Report Number 12492

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. KRAMPE "A" #1-5 Test #: 1 Date: 12-05-2003 SEC. 15 TWP. 21S RGE. 14W

Temperature / Pressure Data



Field Reading

(1)	Initial Hydrostatic Pressure	1890
(2)	Initial Flow Pressure	31
(3)	Final Initial Flow Pressure	32
(4)	Initial Shut-In Pressure	130
(5)	Initial Final Flow Pressure	33
(6)	Final Flow Pressure	34
(7)	Final Shut-In Pressure	70
(8)	Final Hydrostatic Pressure	1784

ELECTRONIC RECORDER DEPTH 3616 FT, RECORDER NUMBER 80507

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-8902

GENERAL INFORMATION

COMPANY NAME	F.G.HOLL COMPANY L.L.C.	LEASE AND WELL NUMBER	KRAMPE"A" #1-16
TEST DATE	12/6/2003	FORMATION TESTED	KANSAS CITY
SECTION-TOWN-RANGE	15-21S-14W	DRILL STEM TEST NUMBER	1
STATE	KANSAS	REPORT NUMBER	12492
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1936
ELEVATION GROUND LEVEL	1928	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	BILL REE		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	3603	TOP PACKER DEPTH	3598
TEST INTERVAL (to)	3623	BOTTOM PACKER DEPTH	3603
ANCHOR LENGTH	20	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	3623	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

<i>INITIAL OPEN</i>	
TOOL OPEN (from)	10:45
TOOL OPEN (to)	11:00
DURATION (min.)	15
<i>INITIAL SHUT-IN</i>	
TOOL CLOSED (from)	11:00
TOOL CLOSED (to)	11:30
DURATION (min.)	30
<i>FINAL OPEN</i>	
TOOL OPEN (from)	11:30
TOOL OPEN (to)	11:45
DURATION (min.)	15
<i>FINAL SHUT-IN</i>	
TOOL CLOSED (from)	11:45
TOOL CLOSED (to)	12:15
DURATION (min.)	30

PRESSURE READINGS

INITIAL HYDROSTATIC	1890
INITIAL FLOW	31
FINAL INITIAL FLOW	32
INITIAL SHUT-IN	130
INITIAL FINAL FLOW	33
FINAL FLOW	34
FINAL SHUT-IN	70
FINAL HYDROSTATIC	1784
MAXIMUM TEMPERATURE	99
TOP RECORDER DEPTH	3816
RECORDER NUMBER	80507
BOTTOM RECORDER DEPTH	3620
RECORDER NUMBER	13208

INITIAL BLOW

WEAK BLOW FOR 12 MINUTES AND DIED

FINAL BLOW

NO BLOW

EXTRA EQUIPMENT

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

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WELL INFORMATION

DRILLING CONTRACTOR **DUKE DRILLING RIG #8**

DRILL PIPE LENGTH **3582**

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 **42**

WATER LOSS **9.2**

CHLORIDES-PITS **6200**

CHLORIDES-DST

FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1) 15	DRILLING MUD WITH A SPOTS OF OIL AND A GOOD SHOW OF OIL BETWEEN THE TOOLS				
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					
TOTAL RECOVERY					

COMMENTS