



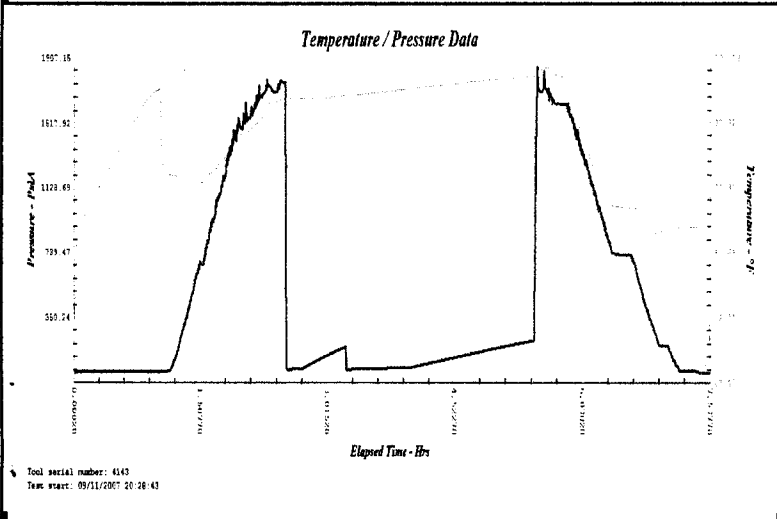
# SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F. G. HOLL COMPANY LLC. Lease & Well No. FANSHIER 1-21 Test #: 1 Date: 9/11/07 SEC. 21  
 TWP. 21S RGE. 14W



- |          |                              |      |
|----------|------------------------------|------|
| <b>1</b> | Initial Hydrostatic Pressure | 1755 |
| <b>2</b> | Initial Flow Pressure        | 42   |
| <b>3</b> | Final Initial Flow Pressure  | 44   |
| <b>4</b> | Initial Shut-In Pressure     | 176  |
| <b>5</b> | Initial Final Flow Pressure  | 38   |
| <b>6</b> | Final Flow Pressure          | 47   |
| <b>7</b> | Final Shut-In Pressure       | 213  |
| <b>8</b> | Final Hydrostatic Pressure   | 1493 |

Maximum Temperature      104

### GENERAL INFORMATION

COMPANY NAME ..... F. G. HOLL COMPANY LLC.

TEST DATE ..... 9/11/07

LEASE AND WELL NUMBER ..... FANSHIER 1-21

SECTION-TOWN-RANGE ..... 21-21S-14W

FORMATION TESTED ..... LANSING H

STATE ..... KANSAS

DRILL STEM TEST NUMBER ..... 1

COUNTY ..... BARTON

REPORT NUMBER ..... 15195

ELEVATION GROUND LEVEL ..... 1835

ELEVATION KELLY BUSHINGS ..... 1845

COMPANY REPRESENTATIVE ..... RENE HUSTEAD

TESTING ENGINEER ..... KEVIN WEBSTER

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... 3514

TOP PACKER DEPTH ..... 3509

TEST INTERVAL (to) ..... 3530

BOTTOM PACKER DEPTH ..... 3514

ANCHOR LENGTH ..... 16

NUMBER OF PACKERS ..... 2

TOTAL DEPTH (ft) ..... 3530

PACKER SIZE ..... 6 3/4

HOLE SIZE ..... 7 7/8

### FLOW TIMES

*INITIAL OPEN*

*FINAL OPEN*

TOOL OPEN (from) ..... 5:15

TOOL OPEN (from) ..... 6:00

TOOL OPEN (to) ..... 5:30

TOOL OPEN (to) ..... 6:45

DURATION (min.) ..... 15

DURATION (min.) ..... 45

*INITIAL SHUT-IN*

*FINAL SHUT-IN*

TOOL CLOSED (from) ..... 5:30

TOOL CLOSED (from) ..... 6:45

TOOL CLOSED (to) ..... 6:00

TOOL CLOSED (to) ..... 8:15

DURATION (min.) ..... 30

DURATION (min.) ..... 90

INITIAL FLOW      BLOW BUILT TO 6"

FINAL FLOW      BLOW BUILT TO 8"

# SUPERIOR TESTERS ENTERPRISES L.L.C.

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

### GENERAL INFORMATION

COMPANY NAME .....	F. G. HOLL COMPANY LLC.	LEASE AND WELL NUMBER .....	FANSHIER 1-21
TEST DATE .....	9/11/07	FORMATION TESTED .....	LANSING H
SECTION-TOWN-RANGE .....	21-21S-14W	DRILL STEM TEST NUMBER .....	1
STATE .....	KANSAS	REPORT NUMBER .....	15195
COUNTY .....	BARTON	ELEVATION KELLY BUSHINGS .....	1845
ELEVATION GROUND LEVEL .....	1835	TESTING ENGINEER .....	KEVIN WEBSTER
COMPANY REPRESENTATIVE .....	RENE HUSTEAD		

### 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
	<b>36 MILES ROUND TRIP FROM</b>	<b>GREAT BEND</b>	
TOP RECORDER DEPTH .....	3526	BOTTOM RECORDER DEPTH .....	3527
RECORDER NUMBER .....	4023	RECORDER NUMBER .....	3088

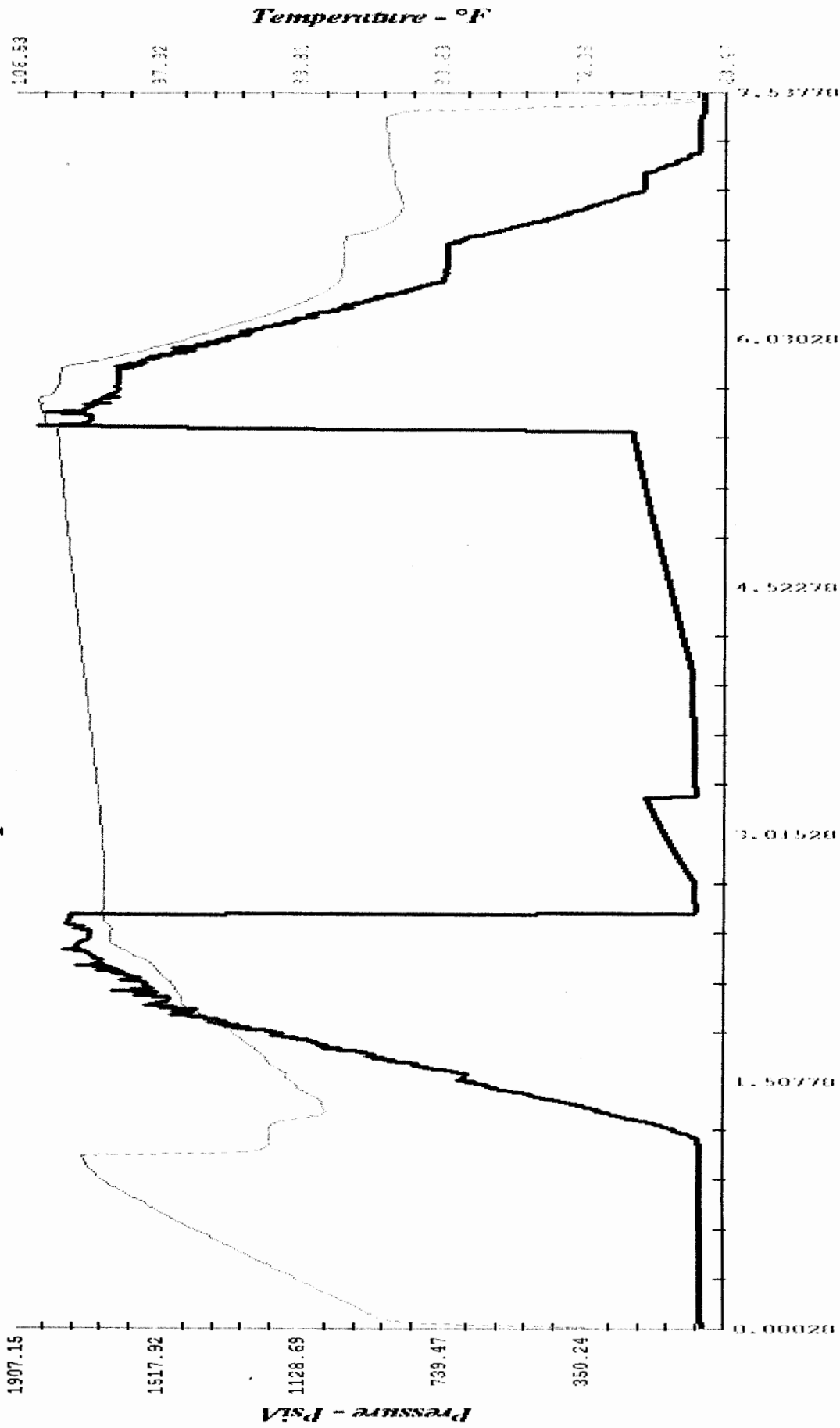
### WELL INFORMATION

DRILLING CONTRACTOR .....	DUKE #8	DRILL COLLAR LENGTH .....	0
DRILL PIPE LENGTH .....	3496	DRILL COLLAR I.D. ....	2.25
DRILL PIPE I.D. ....	3.8	TOOL JOINT SIZE .....	4 1/2 X.H.
TOOL JOINT SIZE .....	4 1/2 X.H.		

### COMMENTS



# Temperature / Pressure Data



Ice1 serial number: 4143  
Test start: 09/11/2007 20:28:43

# Superior Testers Enterprises L.L.C.

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

(800) 792-6902

Company F.G. Hall Company  
 Address 9491 E. Central Wichita, KS 67205  
 Lease & # FAN 9 W 1-21 Sec. 21 Twp 21 S Rng 14 W  
 Date 9-12-2007 County ~~WAGONER~~ STAFFORD Elevation 1835 G.L. 1845 K.B.  
 Drilling Contractor Duke #8  
 Drill Pipe Length 3534 I.D. of Drill Pipe 3.8 Tool Joint Size 4.5  
 Drill Collar Length — I.D. of Drill Collars — Tool Joint Size —  
 Mud Weight 9.3 Viscosity 46 Filtrate 7.2 Chlorides-Pits 4500 DST —  
 Top Packer Depth 3525 Bottom Packer Depth 3530 Number of Packers 2  
 Tested From 3530 to 3550 Total Depth 3550 Anchor Length 20  
 Test # 2 Formation Tested Lansing I Hole Size 7/8  
 Initial Blow Weak surface blow built to 1"  
 Blow back on the 1st Shut-in NO  
 Final Blow NO blow  
 Blow back on the 2nd Shut-in NO

Initial Hydrostatic 1760 P.S.I. Final Hydrostatic 1766 P.S.I. Maximum Temp. 100 F

Initial Opening	<u>42</u> P.S.I. to <u>49</u> P.S.I.	from	<u>6:45</u> am to <u>7:00</u> am	<u>15</u> minutes
Initial Shut-in	<u>522</u> P.S.I.	from	<u>7:00</u> am to <u>7:30</u> am	<u>30</u> minutes
Final Opening	<u>44</u> P.S.I. to <u>45</u> P.S.I.	from	<u>7:30</u> am to <u>7:45</u> am	<u>15</u> minutes
Final Shut-in	<u>344</u> P.S.I.	from	<u>7:45</u> am to <u>8:15</u> am	<u>30</u> minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
<u>10</u>	<u>VERY SLIGHTLY oil cut Mud</u>		<u>77</u>	<u>100</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 \_\_\_\_\_

Extra Equipment-Jars \_\_\_\_\_ Safety Joint 489 Circulating Sub \_\_\_\_\_ Straddle \_\_\_\_\_  
 Electronic Recorder No. 4023 Depth 3546 Extra Packer (3rd) \_\_\_\_\_ Hook Wall \_\_\_\_\_  
 Bottom Recorder No. 3098 Depth 3547 Extra Packer (4th) \_\_\_\_\_ Sampler \_\_\_\_\_  
 Tool Operator M... Approved By \_\_\_\_\_

Ticket No. 15196

# SUPERIOR TESTERS ENTERPRISES L.L.C.

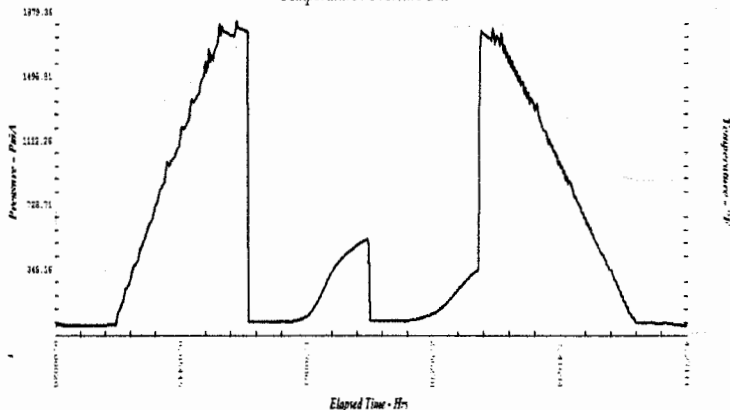
1(800)792-6902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F. G. HOLL COMPANY LLC. Lease & Well No. FANSHIER 1-21 Test #: 2 Date: 9/12/07 SEC. 21 TWP.  
 21S RGE. 14W

Temperature / Pressure Data



1	Initial Hydrostatic Pressure	1760
2	Initial Flow Pressure	42
3	Final Initial Flow Pressure	45
4	Initial Shut-In Pressure	522
5	Initial Final Flow Pressure	44
6	Final Flow Pressure	45
7	Final Shut-In Pressure	344
8	Final Hydrostatic Pressure	1766

Maximum Temperature      100

**GENERAL INFORMATION**

COMPANY NAME ..... F. G. HOLL COMPANY

TEST DATE ..... 9/12/07

SECTION-TOWN-RANGE ..... 21-21S-14W

STATE ..... KANSAS

COUNTY ..... STAFFORD

ELEVATION GROUND LEVEL ..... 1835

COMPANY REPRESENTATIVE ..... RENE HUSTEAD

LEASE AND WELL NUMBER ..... FANSHIER 1-21

FORMATION TESTED ..... LANSING I

DRILL STEM TEST NUMBER ..... 2

REPORT NUMBER ..... 15196

ELEVATION KELLY BUSHINGS ..... 1845

TESTING ENGINEER ..... KEVIN WEBSTER

**TOOL SETTING INFORMATION**

TEST INTERVAL (From) ..... 3530

TEST INTERVAL (to) ..... 3550

ANCHOR LENGTH ..... 20

TOTAL DEPTH (ft) ..... 3550

TOP PACKER DEPTH ..... 3525

BOTTOM PACKER DEPTH ..... 3530

NUMBER OF PACKERS ..... 2

PACKER SIZE ..... 6 3/4

HOLE SIZE ..... 7 7/8

**FLOW TIMES**

*INITIAL OPEN*

TOOL OPEN (from) ..... 6:45

TOOL OPEN (to) ..... 7:00

DURATION (min.) ..... 15

*INITIAL SHUT-IN*

TOOL CLOSED (from) ..... 7:00

TOOL CLOSED (to) ..... 7:30

DURATION (min.) ..... 30

*FINAL OPEN*

TOOL OPEN (from) ..... 7:30

TOOL OPEN (to) ..... 7:45

DURATION (min.) ..... 15

*FINAL SHUT-IN*

TOOL CLOSED (from) ..... 7:45

TOOL CLOSED (to) ..... 8:15

DURATION (min.) ..... 30

**INITIAL FLOW      WEAK SURFACE BLOW BUILT TO 1"**

**FINAL FLOW      NO BLOW**

# SUPERIOR TESTERS ENTERPRISES L.L.C.

## DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

### GENERAL INFORMATION

COMPANY NAME .....	F. G. HOLL COMPANY	LEASE AND WELL NUMBER .....	FANSHIER 1-21
TEST DATE .....	9/12/07	FORMATION TESTED .....	LANSING I
SECTION-TOWN-RANGE .....	21-21S-14W	DRILL STEM TEST NUMBER .....	2
STATE .....	KANSAS	REPORT NUMBER .....	15196
COUNTY .....	STAFFORD	ELEVATION KELLY BUSHINGS .....	1845
ELEVATION GROUND LEVEL .....	1835	TESTING ENGINEER .....	KEVIN WEBSTER
COMPANY REPRESENTATIVE .....	RENE HUSTEAD		

### EXTRA EQUIPMENT

JAKS .....	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
	<b>38 MILES ROUND TRIP FROM</b>	<b>GREAT BEND</b>	
TOP RECORDER DEPTH .....	3546	BOTTOM RECORDER DEPTH .....	3547
RECORDER NUMBER .....	4023	RECORDER NUMBER .....	3088

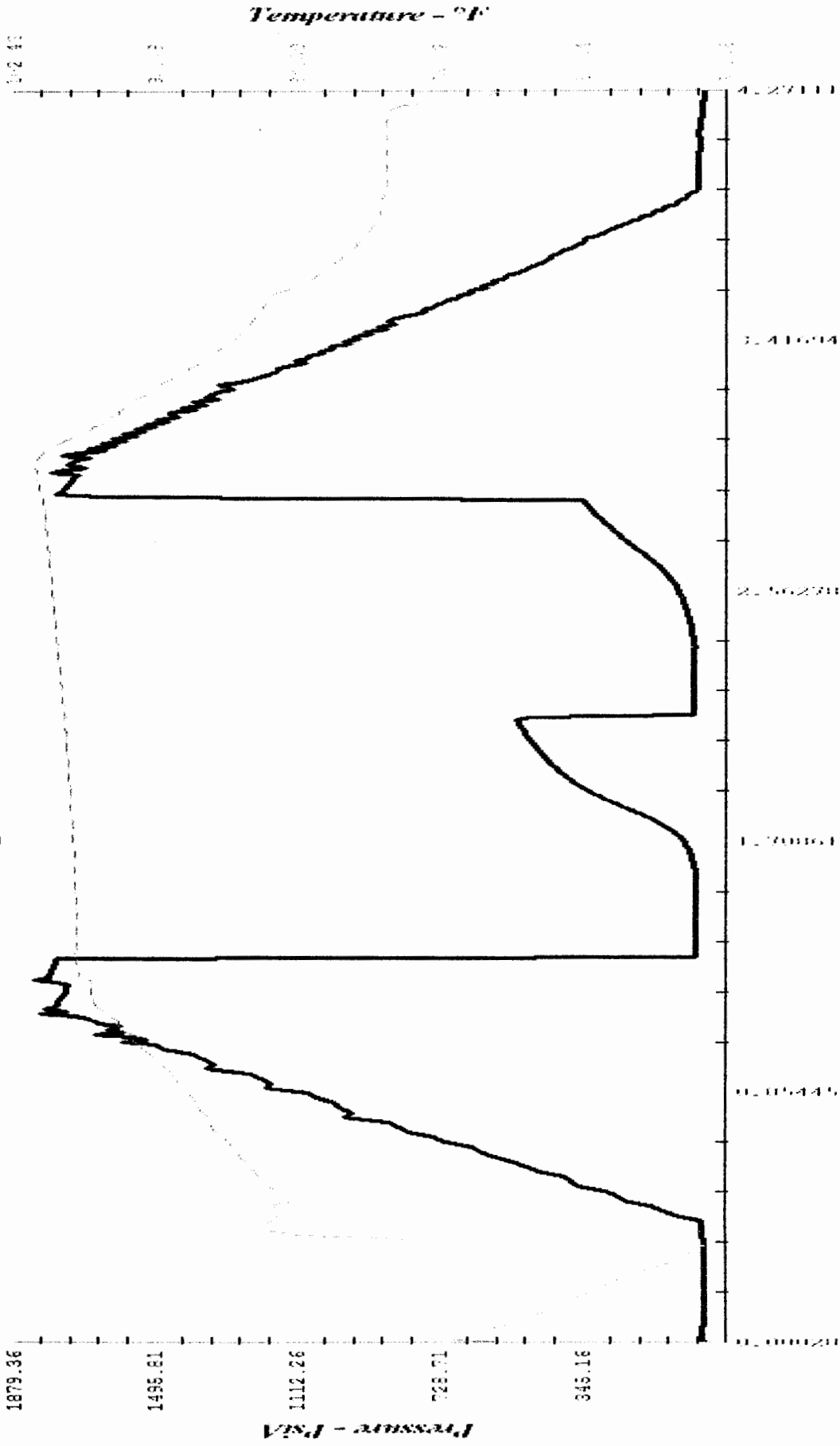
### WELL INFORMATION

DRILLING CONTRACTOR .....	DUKE #8	DRILL COLLAR LENGTH .....	0
DRILL PIPE LENGTH .....	3534	DRILL COLLAR I.D. ....	2.25
DRILL PIPE I.D. ....	3.8	TOOL JOINT SIZE .....	4 1/2 X.H.
TOOL JOINT SIZE .....	4 1/2 X.H.		
CHLORIDES-PITS .....	4500	MUD WEIGHT #/GAL .....	9.3
CHLORIDES-DST .....	4500	VISCOSITY .....	46
		WATER LOSS .....	7.2

### COMMENTS



Temperature / Pressure Data



Tool serial number: 4143  
Test start: 09/12/2007 10:54:56

# Superior Testers Enterprises L.L.C.

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

(800) 792-6902

Company E.G. Hall Company LLC  
 Address 9931 E. Central Wichita KS 67205  
 Lease & # Fanshier 1-21 Sec. 21 Twp 21 S Rng 16 W  
 Date 9-12-2007 County Stafford Elevation 1835 G.L. 1845 K.B.  
 Drilling Contractor Duke #8

Drill Pipe Length 757'4" I.D. of Drill Pipe 3.8 Tool Joint Size 4.5  
 Drill Collar Length 0 I.D. of Drill Collars \_\_\_\_\_ Tool Joint Size \_\_\_\_\_  
 Mud Weight 4.7 Viscosity 46 Filtrate 4.8 Chlorides-Pits 5000 DST \_\_\_\_\_  
 Top Packer Depth 3545 Bottom Packer Depth 3550 Number of Packers 2

Tested From 3950 to 3968 Total Depth 3568 Anchor Length 18  
 Test # 3 Formation Tested Lansing 0 Hole Size 7 7/8

Initial Blow Strong blow built to bottom of bucket in 12 minutes  
 Blow back on the 1st Shut-in NO

Final Blow Strong blow built to bottom of bucket in 2 minutes  
 Blow back on the 2nd Shut-in YES

Initial Hydrostatic 1777 P.S.I. Final Hydrostatic 1756 P.S.I. Maximum Temp. 107 F

Initial Opening	<u>46</u> P.S.I. to <u>57</u> P.S.I.	from	<u>6:45</u> pm to <u>7:15</u> pm	<u>30</u> minutes
Initial Shut-in	<u>852</u> P.S.I.	from	<u>7:15</u> pm to <u>8:15</u> pm	<u>60</u> minutes
Final Opening	<u>59</u> P.S.I. to <u>72</u> P.S.I.	from	<u>8:15</u> pm to <u>9:00</u> pm	<u>45</u> minutes
Final Shut-in	<u>849</u> P.S.I.	from	<u>9:00</u> pm to <u>10:30</u> pm	<u>90</u> minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
<u>25</u>	<u>Clean gassy oil</u>	<u>10</u>	<u>90</u>		
<u>62</u>	<u>gassy oil cut mud</u>	<u>10</u>	<u>30</u>	<u>60</u>	
<u>930</u>	<u>Gills in pipe</u>				

Total Feet Recovered 97 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 \_\_\_\_\_

Extra Equipment-Jars \_\_\_\_\_ Safety Joint YES Circulating Sub \_\_\_\_\_ Straddle \_\_\_\_\_  
 Electronic Recorder No. 4073 Depth 3564 Extra Packer (3rd) \_\_\_\_\_ Hook Wall \_\_\_\_\_  
 Bottom Recorder No. 3088 Depth 3565 Extra Packer (4th) \_\_\_\_\_ Sampler \_\_\_\_\_  
 Tool Operator 1 Approved By \_\_\_\_\_

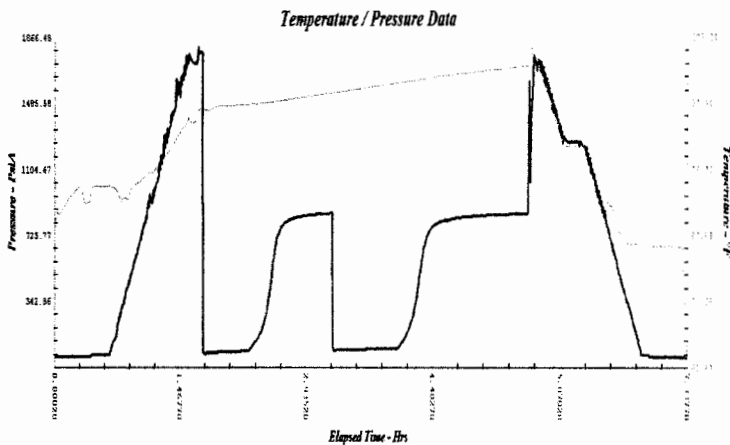
Ticket No 15197

# SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



Tool serial number: 4149  
Date made: 09/13/2007 09:28:07

- |          |                              |      |
|----------|------------------------------|------|
| <b>1</b> | Initial Hydrostatic Pressure | 1777 |
| <b>2</b> | Initial Flow Pressure        | 46   |
| <b>3</b> | Final Initial Flow Pressure  | 57   |
| <b>4</b> | Initial Shut-In Pressure     | 852  |
| <b>5</b> | Initial Final Flow Pressure  | 59   |
| <b>6</b> | Final Flow Pressure          | 72   |
| <b>7</b> | Final Shut-In Pressure       | 849  |
| <b>8</b> | Final Hydrostatic Pressure   | 1756 |

Maximum Temperature 107

### GENERAL INFORMATION

COMPANY NAME ..... F. G. HOLL COMPANY LLC.

TEST DATE ..... 9/12/07

SECTION-TOWN-RANGE ..... 21-21S-16W

STATE ..... KANSAS

COUNTY ..... STAFFORD

ELEVATION GROUND LEVEL ..... 1835

COMPANY REPRESENTATIVE ..... RENE HUSTEAD

LEASE AND WELL NUMBER ..... FANSHIER 1-21

FORMATION TESTED ..... LANSING I

DRILL STEM TEST NUMBER ..... 3

REPORT NUMBER ..... 15197

ELEVATION KELLY BUSHINGS ..... 1845

TESTING ENGINEER ..... KEVIN WEBSTER

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... 3550

TEST INTERVAL (to) ..... 3568

ANCHOR LENGTH ..... 18

TOTAL DEPTH (ft) ..... 3568

TOP PACKER DEPTH ..... 3545

BOTTOM PACKER DEPTH ..... 3550

NUMBER OF PACKERS ..... 2

PACKER SIZE ..... 6 3/4

HOLE SIZE ..... 7 7/8

### FLOW TIMES

**INITIAL OPEN**

TOOL OPEN (from) ..... 6:45

TOOL OPEN (to) ..... 7:15

DURATION (min.) ..... 30

**INITIAL SHUT-IN**

TOOL CLOSED (from) ..... 7:15

TOOL CLOSED (to) ..... 8:15

DURATION (min.) ..... 60

**FINAL OPEN**

TOOL OPEN (from) ..... 8:15

TOOL OPEN (to) ..... 9:00

DURATION (min.) ..... 45

**FINAL SHUT-IN**

TOOL CLOSED (from) ..... 9:00

TOOL CLOSED (to) ..... 10:30

DURATION (min.) ..... 90

**INITIAL FLOW**      **STRONG BLOW BUILT TO BOTTOM OF BUCKET IN 12 MINUTES**

**FINAL FLOW**      **STRONG BLOW BUILT TO BOTTOM OF BUCKET IN 2 MINUTES**

Company: F. G. HOLL COMPANY LLC. Lease & Well No. FANSHIER 1-21 Test #: 3 Date: 9/12/07 SEC. 21  
 TWP. 21S RGE. 16W

# SUPERIOR TESTERS ENTERPRISES L.L.C.

## DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

### GENERAL INFORMATION

COMPANY NAME .....	F. G. HOLL COMPANY LLC.	LEASE AND WELL NUMBER .....	FANSHIER 1-21
TEST DATE .....	9/12/07	FORMATION TESTED .....	LANSING I
SECTION-TOWN-RANGE .....	21-21S-16W	DRILL STEM TEST NUMBER .....	3
STATE .....	KANSAS	REPORT NUMBER .....	15197
COUNTY .....	STAFFORD	ELEVATION KELLY BUSHINGS .....	1845
ELEVATION GROUND LEVEL .....	1835	TESTING ENGINEER .....	KEVIN WEBSTER
COMPANY REPRESENTATIVE .....	RENE HUSTEAD		

### 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
	<b>38 MILES ROUND TRIP FROM</b>	<b>GREAT BEND</b>	
TOP RECORDER DEPTH .....	3564	BOTTOM RECORDER DEPTH .....	3565
RECORDER NUMBER .....	4023	RECORDER NUMBER .....	3088

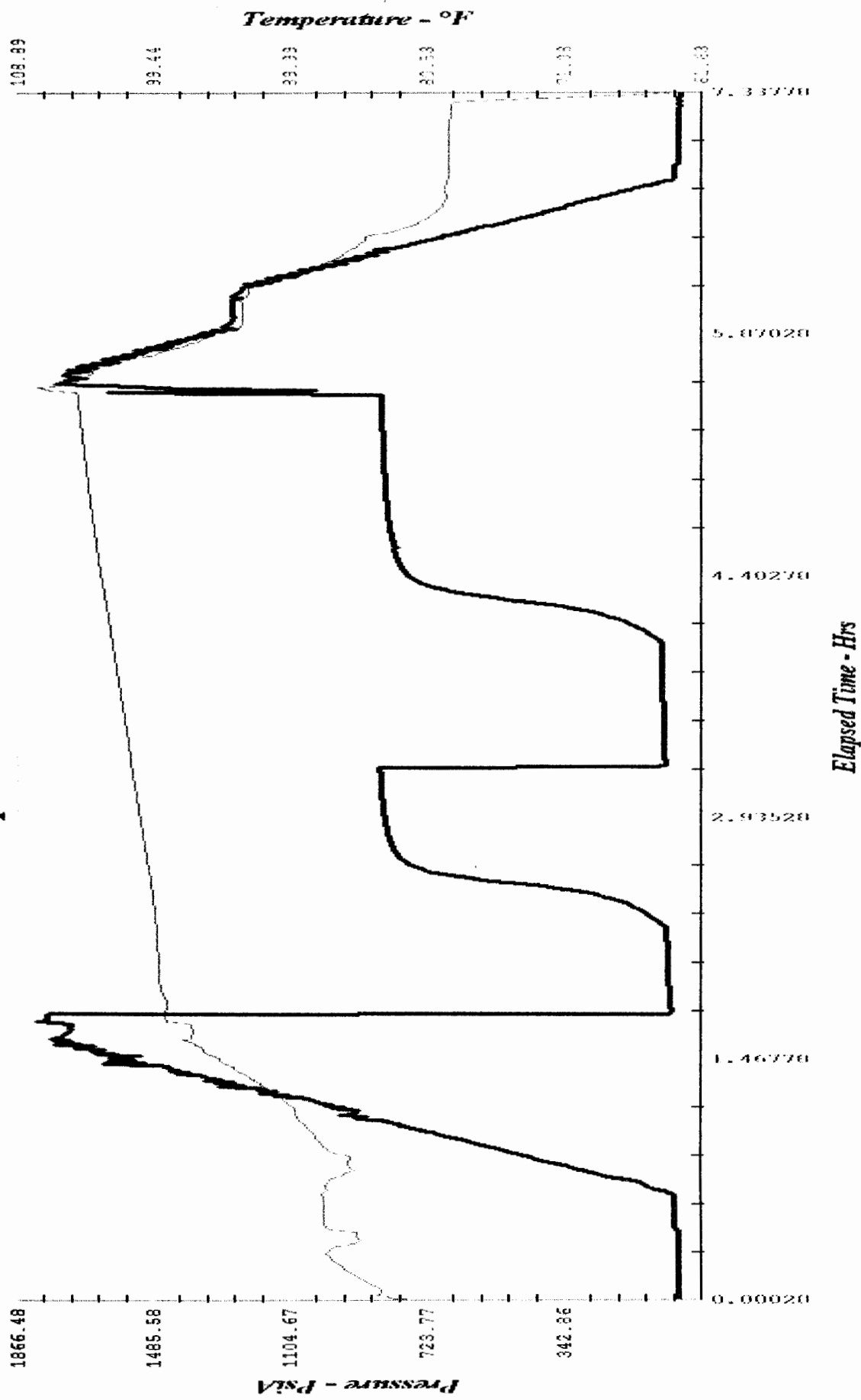
### WELL INFORMATION

DRILLING CONTRACTOR .....	DUKE #8	DRILL COLLAR LENGTH .....	0
DRILL PIPE LENGTH .....	3534	DRILL COLLAR I.D. ....	2.25
DRILL PIPE I.D. ....	3.8	TOOL JOINT SIZE .....	4 1/2 X.H.
TOOL JOINT SIZE .....	4 1/2 X.H.		
CHLORIDES-PITS .....	5000	MUD WEIGHT #/GAL .....	9.3
CHLORIDES-DST .....	5000	VISCOSITY .....	46
		WATER LOSS .....	8.8

### COMMENTS



# Temperature / Pressure Data



Tool serial number: 4143  
Test start: 09/13/2007 00:25:07



# SUPERIOR TESTERS ENTERPRISES L.L.C.

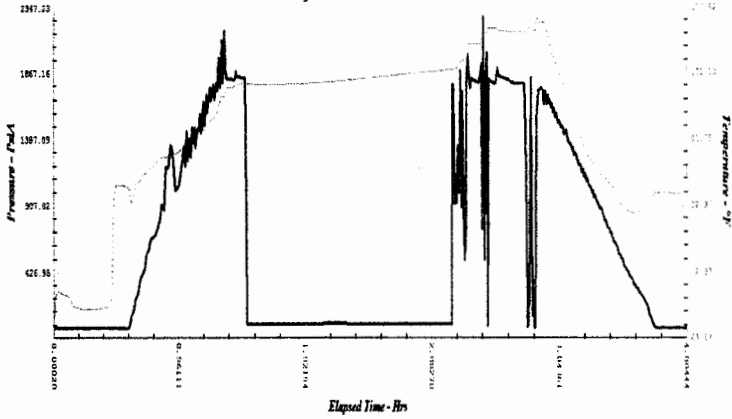
1(800)792-6902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

**Company: F. G. HOLL COMPANY LLC. Lease & Well No. FANSHIER 1-21 Test #: 4 Date: 9/13/07 SEC. 21 TWP. 21S RGE. 16W**

*Temperature / Pressure Data*



Tool serial number: 4349  
Test start: 09/13/2007 14:06:05

<b>1</b>	Initial Hydrostatic Pressure	1833
<b>2</b>	Initial Flow Pressure	46
<b>3</b>	Final Initial Flow Pressure	45
<b>4</b>	Initial Shut-In Pressure	53
<b>5</b>	Initial Final Flow Pressure	45
<b>6</b>	Final Flow Pressure	44
<b>7</b>	Final Shut-In Pressure	49
<b>8</b>	Final Hydrostatic Pressure	1780

Maximum Temperature      101

**GENERAL INFORMATION**

COMPANY NAME ..... F. G. HOLL COMPANY LLC.

TEST DATE ..... 9/13/07

LEASE AND WELL NUMBER ..... FANSHIER 1-21

SECTION-TOWN-RANGE ..... 21-21S-16W

FORMATION TESTED ..... LANSING L

STATE ..... KANSAS

DRILL STEM TEST NUMBER ..... 4

COUNTY ..... STAFFORD

REPORT NUMBER ..... 15198

ELEVATION GROUND LEVEL ..... 1835

ELEVATION KELLY BUSHINGS ..... 1845

COMPANY REPRESENTATIVE ..... RENE HUSTEAD

TESTING ENGINEER ..... KEVIN WEBSTER

**TOOL SETTING INFORMATION**

TEST INTERVAL (From) ..... 3599

TOP PACKER DEPTH ..... 3594

TEST INTERVAL (to) ..... 3618

BOTTOM PACKER DEPTH ..... 3599

ANCHOR LENGTH ..... 19

NUMBER OF PACKERS ..... 2

TOTAL DEPTH (ft) ..... 3618

PACKER SIZE ..... 6 3/4

HOLE SIZE ..... 7 7/8

**FLOW TIMES**

INITIAL OPEN

FINAL OPEN

TOOL OPEN (from) ..... 10:35

TOOL OPEN (from) ..... 11:20

TOOL OPEN (to) ..... 10:50

TOOL OPEN (to) ..... 11:35

DURATION (min.) ..... 15

DURATION (min.) ..... 15

INITIAL SHUT-IN

FINAL SHUT-IN

TOOL CLOSED (from) ..... 10:50

TOOL CLOSED (from) ..... 11:35

TOOL CLOSED (to) ..... 11:20

TOOL CLOSED (to) ..... 12:05

DURATION (min.) ..... 30

DURATION (min.) ..... 30

INITIAL FLOW      **BLOW BUILT TO 1"**

FINAL FLOW      **NO BLOW**

# SUPERIOR TESTERS ENTERPRISES L.L.C.

## DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

### GENERAL INFORMATION

COMPANY NAME .....	F. G. HOLL COMPANY LLC.	LEASE AND WELL NUMBER .....	FANSHER 1-21
TEST DATE .....	9/13/07	FORMATION TESTED .....	LANSING L
SECTION-TOWN-RANGE .....	21-21S-16W	DRILL STEM TEST NUMBER .....	4
STATE .....	KANSAS	REPORT NUMBER .....	15198
COUNTY .....	STAFFORD	ELEVATION KELLY BUSHINGS .....	1845
ELEVATION GROUND LEVEL .....	1835	TESTING ENGINEER .....	KEVIN WEBSTER
COMPANY REPRESENTATIVE .....	RENE HUSTEAD		

### 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
	<b>38 MILES ROUND TRIP FROM</b>	<b>GREAT BEND</b>	
TOP RECORDER DEPTH .....	3614	BOTTOM RECORDER DEPTH .....	3615
RECORDER NUMBER .....	4023	RECORDER NUMBER .....	3088

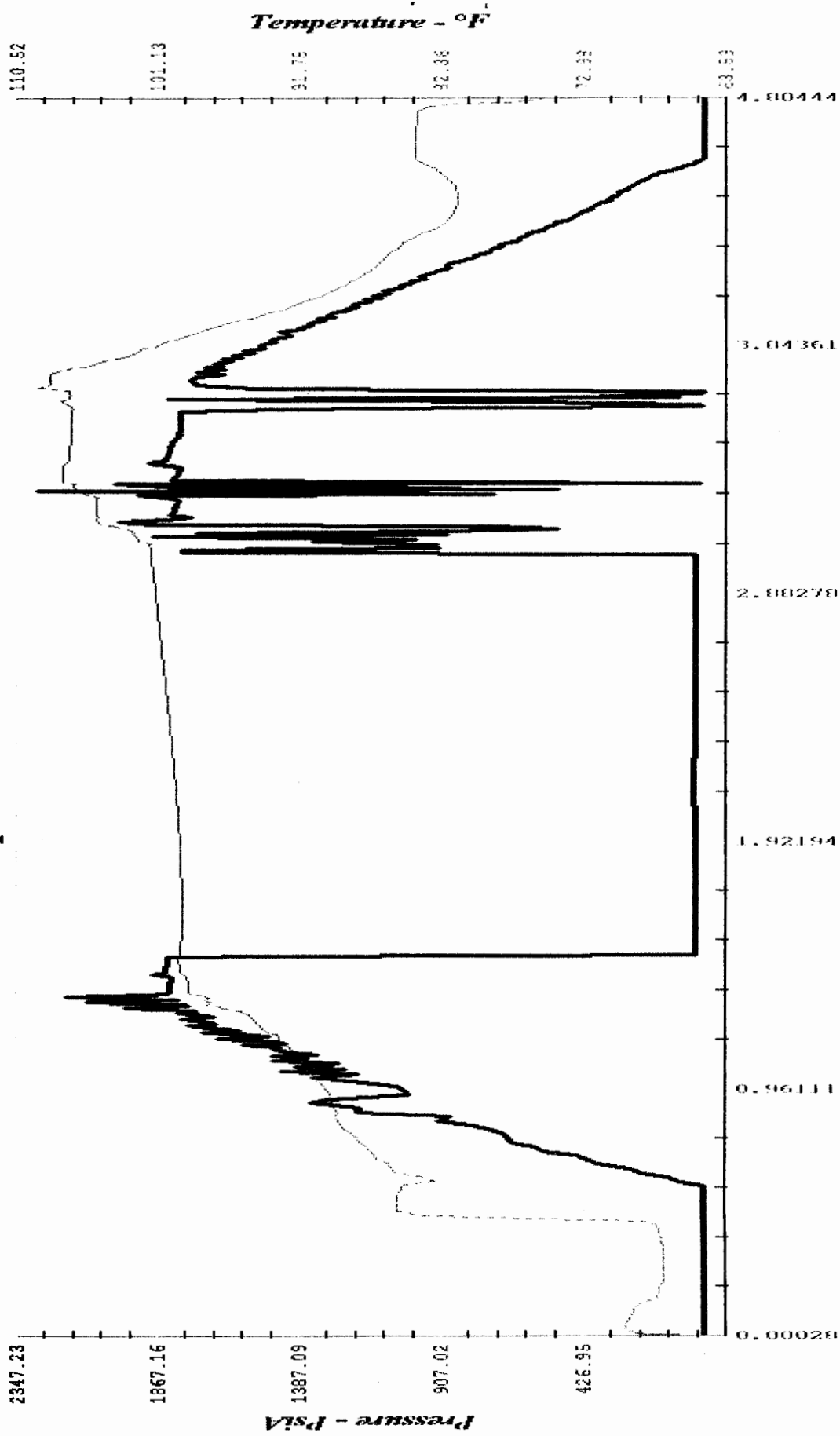
### WELL INFORMATION

DRILLING CONTRACTOR .....	DUKE #8	DRILL COLLAR LENGTH .....	0
DRILL PIPE LENGTH .....	3597	DRILL COLLAR I.D. ....	2.25
DRILL PIPE I.D. ....	3.8	TOOL JOINT SIZE .....	4 1/2 X.H.
TOOL JOINT SIZE .....	4 1/2 X.H.		
CHLORIDES-PITS .....	5200	MUD WEIGHT #/GAL .....	9.3
CHLORIDES-DST .....	5200	VISCOSITY .....	47
		WATER LOSS .....	7.6

### COMMENTS



# Temperature / Pressure Data



Tool serial number: 4143

Test start: 09/13/2007 14:00:05



# SUPERIOR TESTERS ENTERPRISES L.L.C.

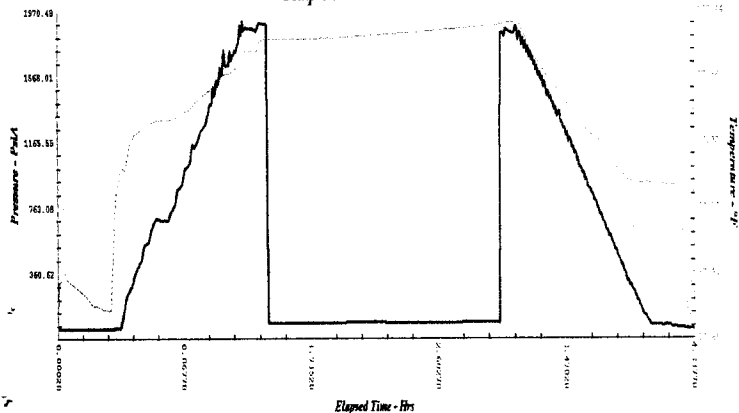
## DRILL STEM TEST REPORT

1(800)792-6902

GREAT BEND, KANSAS 67530

Company: **F. G. HOLL COMPANY** Lease & Well No. **FANSHIER 1-21** Test #: **5** Date: **9/14/07** SEC. **21** TWP. **21S**  
 RGE. **16W**

*Temperature / Pressure Data*



Tool serial number: 4163  
 Test start: 09/14/2007 11:28:59

- |          |                              |      |
|----------|------------------------------|------|
| <b>1</b> | Initial Hydrostatic Pressure | 1890 |
| <b>2</b> | Initial Flow Pressure        | 53   |
| <b>3</b> | Final Initial Flow Pressure  | 54   |
| <b>4</b> | Initial Shut-In Pressure     | 62   |
| <b>5</b> | Initial Final Flow Pressure  | 54   |
| <b>6</b> | Final Flow Pressure          | 55   |
| <b>7</b> | Final Shut-In Pressure       | 59   |
| <b>8</b> | Final Hydrostatic Pressure   | 1854 |

Maximum Temperature      105

**GENERAL INFORMATION**

COMPANY NAME ..... **F. G. HOLL COMPANY LLC.**

TEST DATE ..... **9/14/07**

SECTION-TOWN-RANGE ..... **21-21S-16W**

STATE ..... **KANSAS**

COUNTY ..... **STAFFORD**

ELEVATION GROUND LEVEL ..... **1835**

COMPANY REPRESENTATIVE ..... **RENE HUSTEAD**

LEASE AND WELL NUMBER ..... **FANSHIER 1-21**

FORMATION TESTED ..... **SIMPSON SAND**

DRILL STEM TEST NUMBER ..... **5**

REPORT NUMBER ..... **15199**

ELEVATION KELLY BUSHINGS ..... **1845**

TESTING ENGINEER ..... **KEVIN WEBSTER**

**TOOL SETTING INFORMATION**

TEST INTERVAL (From) ..... **3690**

TEST INTERVAL (to) ..... **3730**

ANCHOR LENGTH ..... **40**

TOTAL DEPTH (ft) ..... **3730**

TOP PACKER DEPTH ..... **3685**

BOTTOM PACKER DEPTH ..... **3690**

NUMBER OF PACKERS ..... **2**

PACKER SIZE ..... **6 3/4**

HOLE SIZE ..... **7 7/8**

**FLOW TIMES**

*INITIAL OPEN*

TOOL OPEN (from) ..... **6:35**

TOOL OPEN (to) ..... **6:50**

DURATION (min.) ..... **15**

*FINAL OPEN*

TOOL OPEN (from) ..... **7:20**

TOOL OPEN (to) ..... **7:35**

DURATION (min.) ..... **15**

*INITIAL SHUT-IN*

TOOL CLOSED (from) ..... **6:50**

TOOL CLOSED (to) ..... **7:20**

DURATION (min.) ..... **30**

*FINAL SHUT-IN*

TOOL CLOSED (from) ..... **7:35**

TOOL CLOSED (to) ..... **8:05**

DURATION (min.) ..... **30**

**INITIAL FLOW      WEAK SURFACE BLOW DIED IN 11 MINUTES**

**FINAL FLOW      NO BLOW**

# SUPERIOR TESTERS ENTERPRISES L.L.C.

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

### GENERAL INFORMATION

COMPANY NAME .....	F. G. HOLL COMPANY LLC.	LEASE AND WELL NUMBER .....	FANSHIER 1-21
TEST DATE .....	9/14/07	FORMATION TESTED .....	SIMPSON SAND
SECTION-TOWN-RANGE .....	21-21S-16W	DRILL STEM TEST NUMBER .....	5
STATE .....	KANSAS	REPORT NUMBER .....	15199
COUNTY .....	STAFFORD	ELEVATION KELLY BUSHINGS .....	1845
ELEVATION GROUND LEVEL .....	1835	TESTING ENGINEER .....	KEVIN WEBSTER
COMPANY REPRESENTATIVE .....	RENE HUSTEAD		

### 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
	<b>38 MILES ROUND TRIP FROM</b>		<b>GREAT BEND</b>
TOP RECORDER DEPTH .....	3726	BOTTOM RECORDER DEPTH .....	3727
RECORDER NUMBER .....	4023	RECORDER NUMBER .....	3088

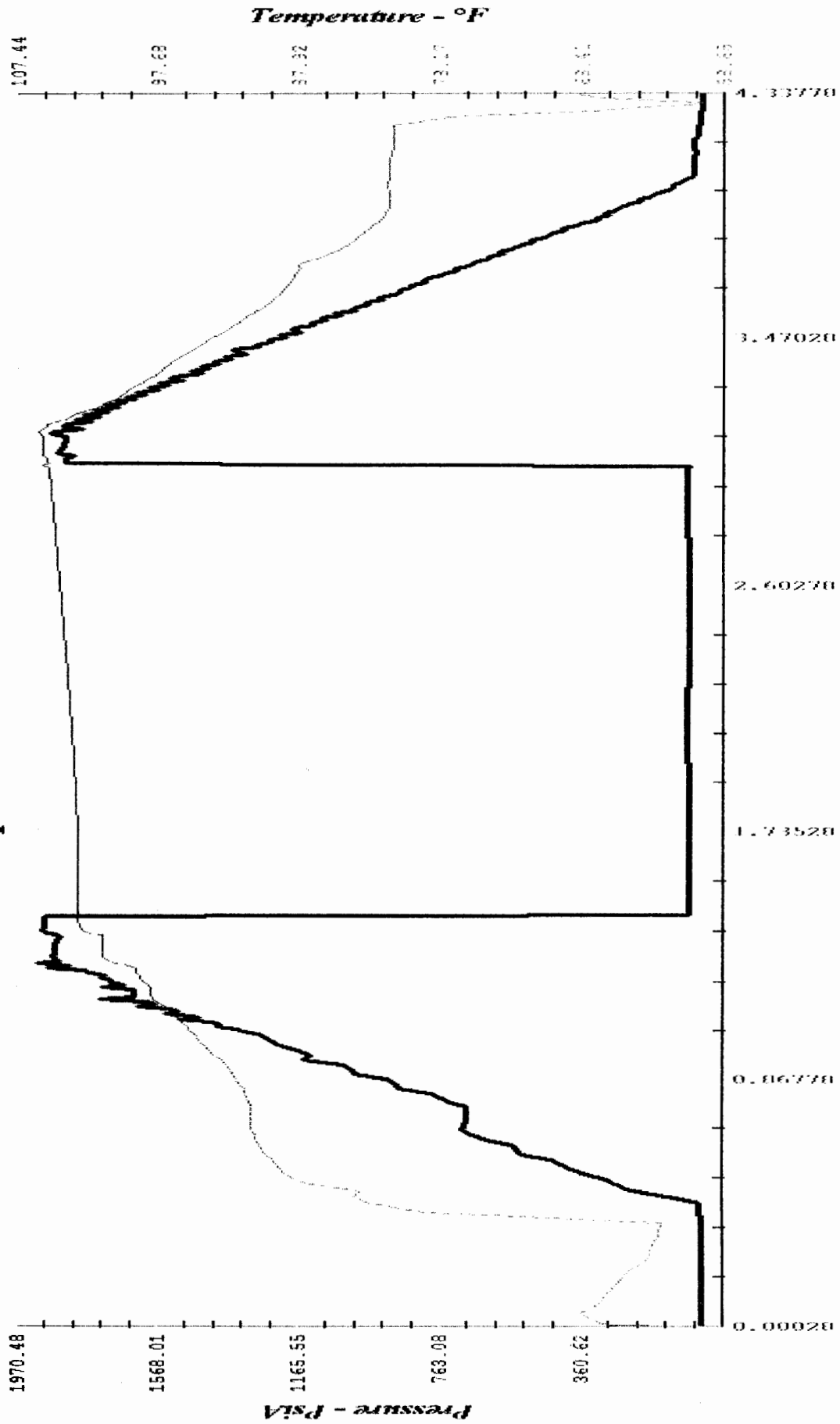
### WELL INFORMATION

DRILLING CONTRACTOR .....	DUKE #8	DRILL COLLAR LENGTH .....	0
DRILL PIPE LENGTH .....	3690	DRILL COLLAR I.D. ....	2.25
DRILL PIPE I.D. ....	3.8	TOOL JOINT SIZE .....	4 1/2 X.H.
TOOL JOINT SIZE .....	4 1/2 X.H.		

### COMMENTS



# Temperature / Pressure Data



Tool serial number: 4143  
 Test start: 09/14/2007 11:28:59

# Superior Testers Enterprises L.L.C.

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

(800) 792-6902

Company F.G. Holl Company LLC  
 Address 9439 E Central Wichita, KS 67205  
 Lease & # Falshier 1-21 Sec. 21 Twp 21S Rng 16W  
 Date 9-14-2007 County Stafford Elevation 1935 G.L. 1845 K.B.  
 Drilling Contractor Duke #8  
 Drill Pipe Length 3721 I.D. of Drill Pipe 3.9 Tool Joint Size 4.5  
 Drill Collar Length 0 I.D. of Drill Collars \_\_\_\_\_ Tool Joint Size \_\_\_\_\_  
 Mud Weight 9.3 Viscosity 50 Filtrate 8.0 Chlorides-Pits 5900 DST \_\_\_\_\_  
 Top Packer Depth 3743 Bottom Packer Depth 3748 Number of Packers 2  
 Tested From 3748 to 3755 Total Depth 3755 Anchor Length 7  
 Test # 6 Formation Tested Albuckle Hole Size 7/8  
 Initial Blow weak surface blow built to 1"

Blow back on the 1st Shut-in NO

Final Blow weak surface blow built to 1"

Blow back on the 2nd Shut-in NO

Initial Hydrostatic 1919 P.S.I. Final Hydrostatic 1848 P.S.I. Maximum Temp. 109 F

Initial Opening <u>36</u> P.S.I. to <u>49</u> P.S.I. from <u>7:25 p.m.</u> to <u>7:55 p.m.</u> <u>30</u> minutes
Initial Shut-in <u>1222</u> P.S.I. from <u>7:55 p.m.</u> to <u>8:55 p.m.</u> <u>60</u> minutes
Final Opening <u>41</u> P.S.I. to <u>47</u> P.S.I. from <u>8:55 p.m.</u> to <u>9:40 p.m.</u> <u>45</u> minutes
Final Shut-in <u>1207</u> P.S.I. from <u>9:40 p.m.</u> to <u>11:10 p.m.</u> <u>90</u> minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
<u>15</u>	<u>water cut mud</u>			<u>85</u>	<u>15</u>

Total Feet Recovered 15 Recovery Chlorides 30,000 Rw. 1.2 ohms @ 70 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 \_\_\_\_\_

Extra Equipment-Jars \_\_\_\_\_ Safety Joint YOC Circulating Sub \_\_\_\_\_ Straddle \_\_\_\_\_  
 Electronic Recorder No. 4023 Depth 3751 Extra Packer (3rd) \_\_\_\_\_ Hook Wall \_\_\_\_\_  
 Bottom Recorder No. 3088 Depth 3752 Extra Packer (4th) \_\_\_\_\_ Sampler \_\_\_\_\_  
 Tool Operator [Signature] Approved By \_\_\_\_\_

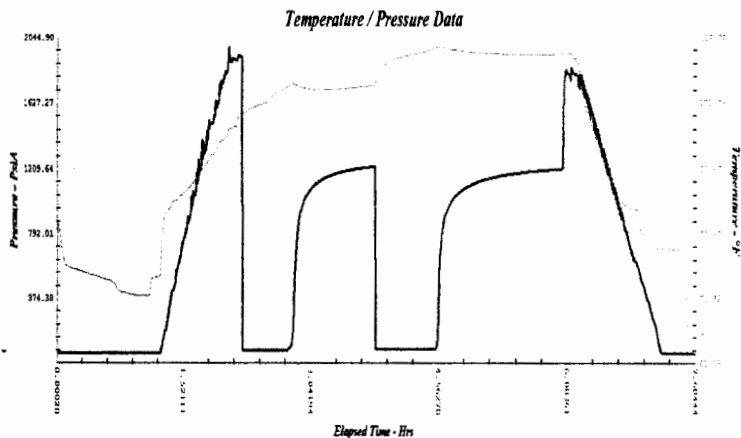
Ticket No 15200

# SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



\* Tool serial number: 6145  
Test start: 09/15/2007 02:51:06

<b>1</b>	Initial Hydrostatic Pressure	1919
<b>2</b>	Initial Flow Pressure	36
<b>3</b>	Final Initial Flow Pressure	40
<b>4</b>	Initial Shut-In Pressure	1222
<b>5</b>	Initial Final Flow Pressure	41
<b>6</b>	Final Flow Pressure	47
<b>7</b>	Final Shut-In Pressure	1207
<b>8</b>	Final Hydrostatic Pressure	1848

Maximum Temperature      109

### GENERAL INFORMATION

COMPANY NAME ..... F. G. HOLL COMPANY LLC.	
TEST DATE ..... 9/14/07	LEASE AND WELL NUMBER ..... FANSHIER 1-21
SECTION-TOWN-RANGE ..... 21-21S-16W	FORMATION TESTED ..... ARBUCKLE
STATE ..... KANSAS	DRILL STEM TEST NUMBER ..... 6
COUNTY ..... STAFFORD	REPORT NUMBER ..... 15200
ELEVATION GROUND LEVEL ..... 1835	ELEVATION KELLY BUSHINGS ..... 1845
COMPANY REPRESENTATIVE ..... RENE HUSTEAD	TESTING ENGINEER ..... KEVIN WEBSTER

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... 3748	TOP PACKER DEPTH ..... 3743
TEST INTERVAL (to) ..... 3755	BOTTOM PACKER DEPTH ..... 3748
ANCHOR LENGTH ..... 7	NUMBER OF PACKERS ..... 2
TOTAL DEPTH (ft) ..... 3755	PACKER SIZE ..... 6 3/4
	HOLE SIZE ..... 7 7/8

### FLOW TIMES

<b>INITIAL OPEN</b>		<b>FINAL OPEN</b>	
TOOL OPEN (from) ..... 7:25		TOOL OPEN (from) ..... 8:55	
TOOL OPEN (to) ..... 7:55		TOOL OPEN (to) ..... 9:40	
DURATION (min.) ..... 30		DURATION (min.) ..... 45	
<b>INITIAL SHUT-IN</b>		<b>FINAL SHUT-IN</b>	
TOOL CLOSED (from) ..... 7:55		TOOL CLOSED (from) ..... 9:40	
TOOL CLOSED (to) ..... 8:55		TOOL CLOSED (to) ..... 11:10	
DURATION (min.) ..... 60		DURATION (min.) ..... 90	

**INITIAL FLOW      WEAK SURFACE BLOW BUILT TO 1"**

**FINAL FLOW      WEAK SURFACE BLOW BUILT TO 1"**

Company: F. G. HOLL COMPANY      Lease & Well No. FANSHIER 1-21      Test #: 6      Date: 9/14/07      SEC. 21      TWP. 21S RGE. 16W

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

**DRILL STEM TEST REPORT**

**GREAT BEND ,KANSAS 67530 (800)792-6902**

**GENERAL INFORMATION**

COMPANY NAME .....	<b>F. G. HOLL COMPANY LLC.</b>	LEASE AND WELL NUMBER .....	<b>FANSHIER 1-21</b>
TEST DATE .....	<b>9/14/07</b>	FORMATION TESTED .....	<b>ARBUCKLE</b>
SECTION-TOWN-RANGE .....	<b>21-21S-16W</b>	DRILL STEM TEST NUMBER .....	<b>6</b>
STATE .....	<b>KANSAS</b>	REPORT NUMBER .....	<b>15200</b>
COUNTY .....	<b>STAFFORD</b>	ELEVATION KELLY BUSHINGS .....	<b>1845</b>
ELEVATION GROUND LEVEL .....	<b>1835</b>	TESTING ENGINEER .....	<b>KEVIN WEBSTER</b>
COMPANY REPRESENTATIVE .....	<b>RENE HUSTEAD</b>		

**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>
	<b>38 MILES ROUND TRIP FROM</b>	SAMPLER .....	<b>NO</b>
	<b>GREAT BEND</b>		
TOP RECORDER DEPTH .....	<b>3726</b>	BOTTOM RECORDER DEPTH .....	<b>3727</b>
RECORDER NUMBER .....	<b>4023</b>	RECORDER NUMBER .....	<b>3088</b>

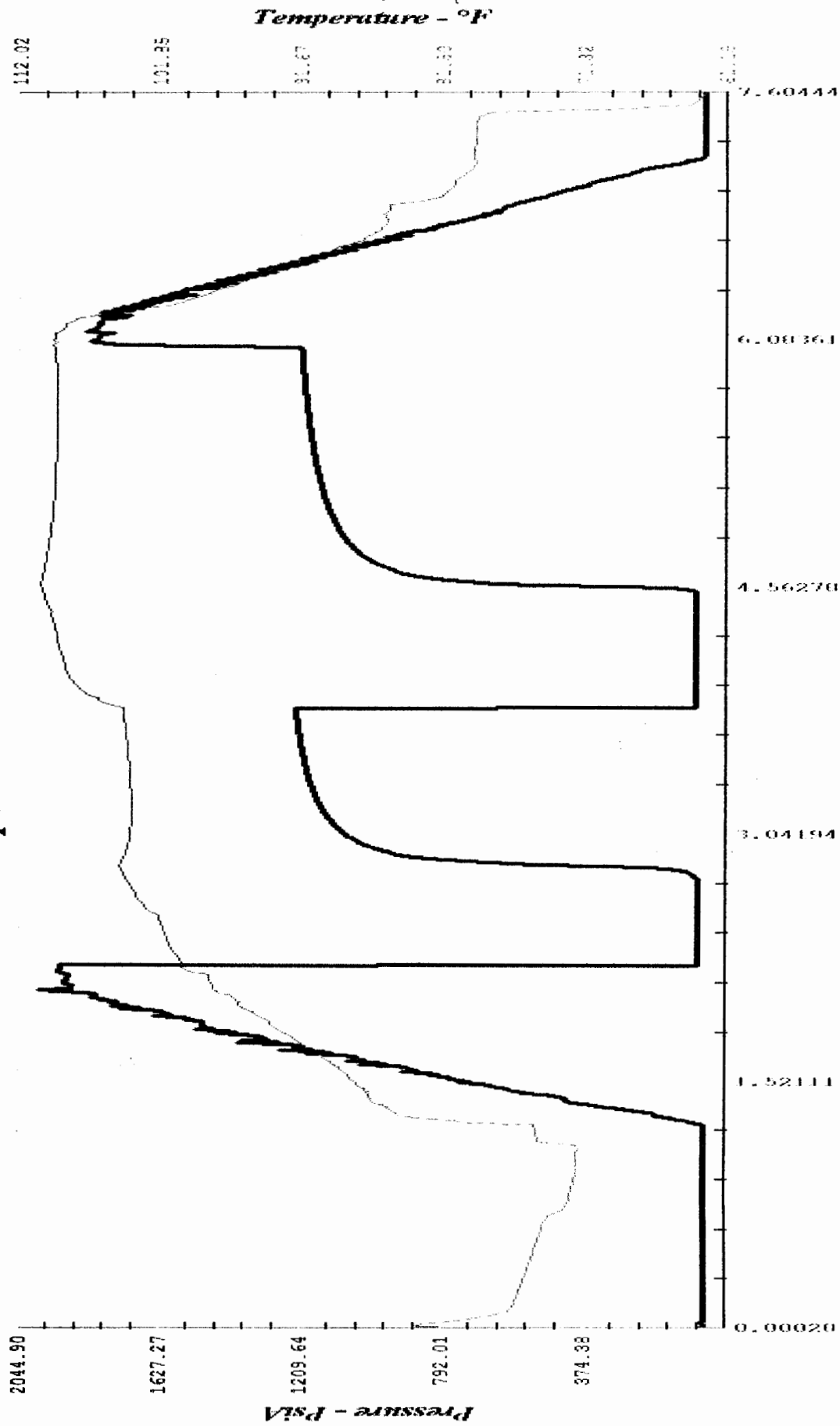
**WELL INFORMATION**

DRILLING CONTRACTOR .....	<b>DUKE #8</b>	DRILL COLLAR LENGTH .....	<b>0</b>
DRILL PIPE LENGTH .....	<b>3721</b>	DRILL COLLAR I.D. ....	<b>2.25</b>
DRILL PIPE I.D. ....	<b>3.8</b>	TOOL JOINT SIZE .....	<b>4 1/2 X.H.</b>
TOOL JOINT SIZE .....	<b>4 1/2 X.H.</b>		

**COMMENTS**



# Temperature / Pressure Data



Incl serial number: 4143

Test start: 09/15/2007 02:51:06