

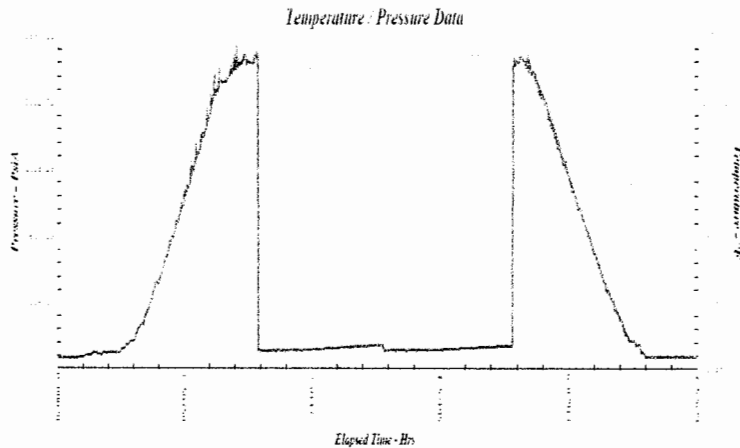


# SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure.....	2256
2	Initial Flow Pressure.....	60
3	Final Initial Flow Pressure.....	64
4	Initial Shut-In Pressure.....	106
5	Initial Final Flow Pressure.....	64
6	Final Flow Pressure.....	69
7	Final Shut-In Pressure.....	99
8	Final Hydrostatic Pressure.....	2235
Maximum Temperature.....		119

### GENERAL INFORMATION

COMPANY NAME ..... F.G HOLL COMPANY L.L.C	
TEST DATE ..... 1/12/08	LEASE AND WELL NUMBER ..... DON LAMBERT E 3-5
SECTION-TOWN-RANGE ..... 41424	FORMATION TESTED ..... MISSISSIPPIAN
STATE ..... KANSAS	DRILL STEM TEST NUMBER ..... 1
COUNTY ..... BARBER	REPORT NUMBER ..... ####
ELEVATION GROUND LEVEL ..... 1927	ELEVATION KELLY BUSHINGS ..... 1940
COMPANY REPRESENTATIVE ..... BILL REE	TESTING ENGINEER ..... DAVID NICHOLS

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... 4475	TOP PACKER DEPTH ..... 4470
TEST INTERVAL (to) ..... 4530	BOTTOM PACKER DEPTH ..... 4475
ANCHOR LENGTH ..... 55	NUMBER OF PACKERS ..... 2
TOTAL DEPTH (ft) ..... 4530	PACKER SIZE ..... 6 3/4
	HOLE SIZE ..... 7 7/8

### FLOW TIMES

<b>INITIAL OPEN</b>		<b>FINAL OPEN</b>	
TOOL OPEN (from) ..... 3:00		TOOL OPEN (from) ..... 4:30	
TOOL OPEN (to) ..... 3:30		TOOL OPEN (to) ..... 5:00	
DURATION (min.) ..... 30		DURATION (min.) ..... 30	
<b>INITIAL SHUT-IN</b>		<b>FINAL SHUT-IN</b>	
TOOL CLOSED (from) ..... 3:30		TOOL CLOSED (from) ..... 5:00	
TOOL CLOSED (to) ..... 4:30		TOOL CLOSED (to) ..... 6:00	
DURATION (min.) ..... 60		DURATION (min.) ..... 60	

**INITIAL FLOW**      WEAK BLOW BUILT TO 3 INCHES INTO WATER IN 30 MIN

**FINAL FLOW**      SURFACE BLOW

Company: F.G. HOLL COMPANY L.L.C      Lease & Well No. DON LAMBERT E 3-5      Test #: 1      Date: 1-12-08      SEC. 5  
 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 .....	<b>F.G HOLL COMPANY L.L.C</b>	LEASE AND WELL NUMBER .....	<b>DON LAMBERT E 3-5</b>
TEST DATE .....	<b>1/12/08</b>	FORMATION TESTED .....	<b>MISSISSIPPIAN</b>
SECTION-TOWN-RANGE .....	<b>5/30/2013</b>	DRILL STEM TEST NUMBER .....	<b>1</b>
STATE .....	<b>KANSAS</b>	REPORT NUMBER .....	<b>15394</b>
COUNTY .....	<b>BARBER</b>	ELEVATION KELLY BUSHINGS .....	<b>1940</b>
ELEVATION GROUND LEVEL .....	<b>1927</b>	TESTING ENGINEER .....	<b>DAVID NICHOLS</b>
COMPANY REPRESENTATIVE .....	<b>BILL REE</b>		

**EXTRA EQUIPMENT**

JARS .....	<b>Y</b>	EXTRA PACKER (3RD) .....	<b>NO</b>
SAFETY JOINT .....	<b>Y</b>	EXTRA PACKER (4TH) .....	<b>NO</b>
ELECTRONIC RECORDER .....	<b>NO</b>	STRADDLE .....	<b>NO</b>
CIRCULATING SUB .....	<b>NO</b>	HOOK WALL .....	<b>NO</b>
	<b>24 MILES ROUND TRIP FROM</b>	SAMPLER .....	<b>NO</b>
	<b>GREAT BEND</b>		
TOP RECORDER DEPTH .....	<b>4526</b>	BOTTOM RECORDER DEPTH .....	<b>4527</b>
RECORDER NUMBER .....	<b>91986</b>	RECORDER NUMBER .....	<b>4337</b>

**WELL INFORMATION**

DRILLING CONTRACTOR .....	<b>DUKE #7</b>	DRILL COLLAR LENGTH .....	<b>180</b>
DRILL PIPE LENGTH .....	<b>4269</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**

# SUPERIOR TESTERS ENTERPRISES L.L.C.

## RECOVERY BREAK DOWN

GREAT BEND, KANSAS

(800) 792-6902

Drill Pipe I.D.	Feet	Recovery Description For Drill Pipe	Gas	Oil	Mud	Water	Total bbls.
4 1/2							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
Drill Collars I.D.		Recovery Description For Drill Collars	0.0000	0.0000	0.0000	0.0000	
2.25	40	MUD			100%		0.0000
							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
<b>Total Recovery 40 Feet</b>		<b>Total bbls. Recovered From Drill Pipe</b>	0.0000	0.0000	0.0000	0.0000	<b>Total</b>
		<b>Total bbls. Recovered From Drill Collars</b>	0.0000	0.0000	0.1960	0.0000	<b>bbls</b>
		<b>Total bbls Recovered</b>	0.0000	0.0000	0.1960	0.0000	0.0000
			Gas	Oil	Mud	Water	

MUD WEIGHT #/GAL 9.3  
 VISCOSITY 46  
 WATER LOSS 8.0

**GRAVITY CORRECTED**

Resistivity ohms @ Degrees  
 Recovery Chlorides ppm  
 Pit Chlorides 3,000 ppm

F.G.HOLL COMPANY L.L.C

5-30-13

4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D

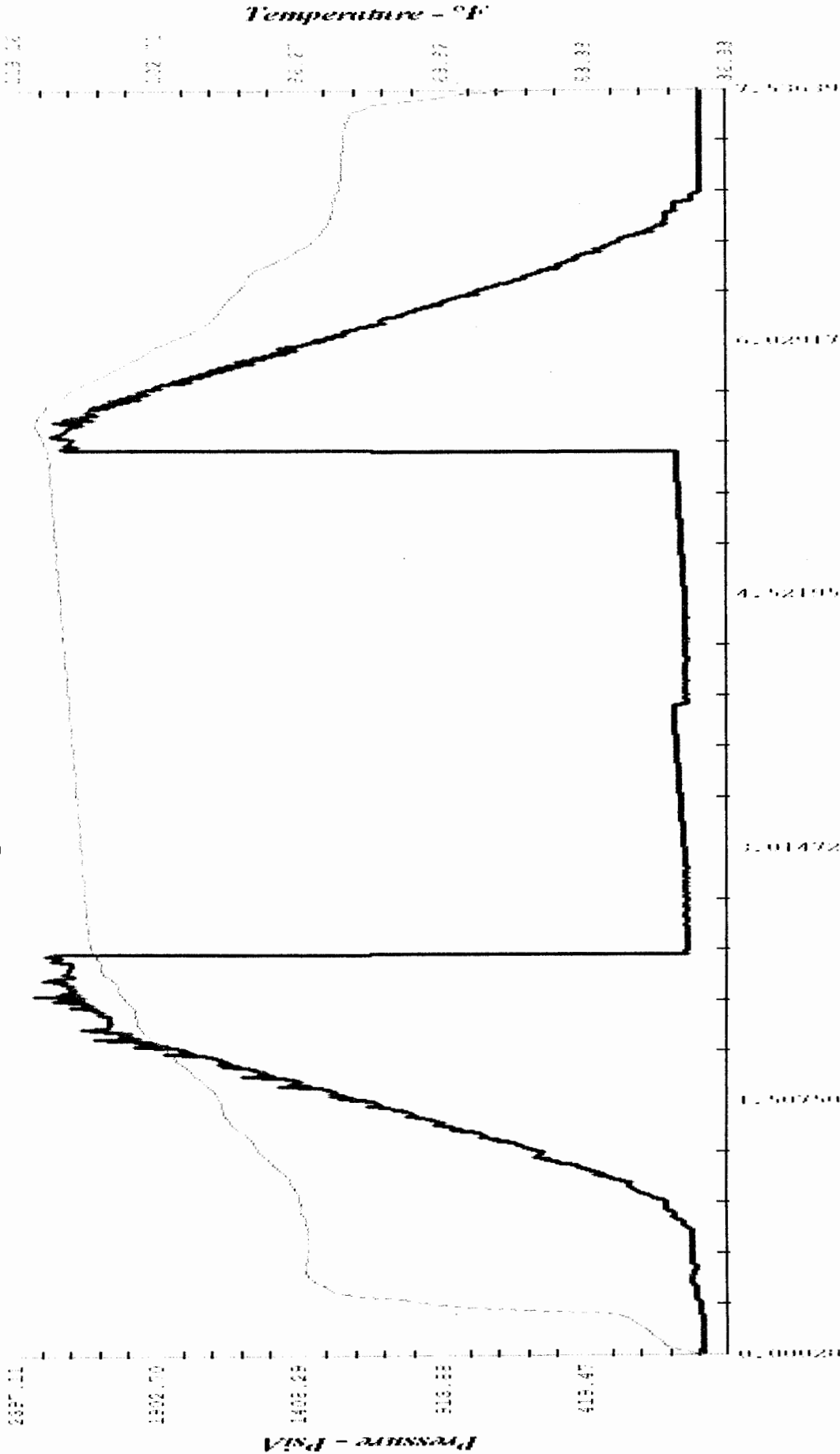
DON LAMBERT E 3-5

1-12-08

DST#1

MISSISSIPPIAN

*Temperature / Pressure Data*



Tool serial number: 31716  
Test start: 01/12/2008 20:15:20

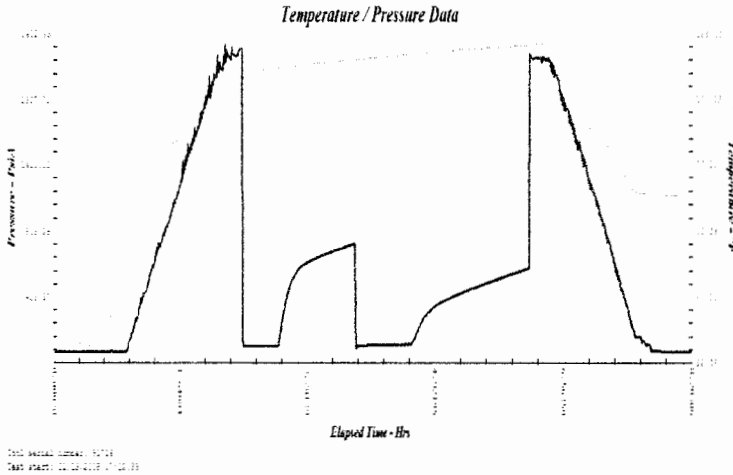


# SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure.....	2286
2	Initial Flow Pressure.....	55
3	Final Initial Flow Pressure.....	59
4	Initial Shut-In Pressure.....	824
5	Initial Final Flow Pressure.....	55
6	Final Flow Pressure.....	67
7	Final Shut-In Pressure.....	639
8	Final Hydrostatic Pressure.....	2256
Maximum Temperature.....		123

### GENERAL INFORMATION

COMPANY NAME ..... F.G. HOLL COMPANY L.L.C	
TEST DATE ..... 1/13/08	LEASE AND WELL NUMBER ..... DON LAMBERT E 3-5
SECTION-TOWN-RANGE ..... 41424	FORMATION TESTED ..... VIOLA LIMESTONE
STATE ..... KANSAS	DRILL STEM TEST NUMBER ..... 2
COUNTY ..... BARBER	REPORT NUMBER ..... ####
ELEVATION GROUND LEVEL ..... 1927	ELEVATION KELLY BUSHINGS ..... 1940
COMPANY REPRESENTATIVE ..... BILL REE	TESTING ENGINEER ..... DAVID NICHOLS

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... 4577	TOP PACKER DEPTH ..... 4567
TEST INTERVAL (to) ..... 4605	BOTTOM PACKER DEPTH ..... 4572
ANCHOR LENGTH ..... 28	NUMBER OF PACKERS ..... 2
TOTAL DEPTH (ft) ..... 4605	PACKER SIZE ..... 6 3/4
	HOLE SIZE ..... 7 7/8

### FLOW TIMES

<i>INITIAL OPEN</i>		<i>FINAL OPEN</i>	
TOOL OPEN (from) ..... 11:20		TOOL OPEN (from) ..... 12:50	
TOOL OPEN (to) ..... 11:50		TOOL OPEN (to) ..... 1:35	
DURATION (min.) ..... 30		DURATION (min.) ..... 45	
<i>INITIAL SHUT-IN</i>		<i>FINAL SHUT-IN</i>	
TOOL CLOSED (from) ..... 11:50		TOOL CLOSED (from) ..... 1:35	
TOOL CLOSED (to) ..... 12:50		TOOL CLOSED (to) ..... 3:05	
DURATION (min.) ..... 60		DURATION (min.) ..... 90	

**INITIAL FLOW      STRONG BLOW BOTTOM BUCKET IN LESS 1 MIN**

**FINAL FLOW      STRONG BLOW BOTTOM OF BUCKET IN LESS 1 MIN**

Company: F.G. HOLL COMPANY L.L.C    Lease & Well No. DON LAMBERT E 3-5    Test #: 2    Date: 1-13-08    SEC. 5  
 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 .....	F.G. HOLL COMPANY L.L.C	LEASE AND WELL NUMBER .....	DON LAMBERT E 3-5
TEST DATE .....	1/13/08	FORMATION TESTED .....	VIOLA LIMESTONE
SECTION-TOWN-RANGE .....	5/30/2013	DRILL STEM TEST NUMBER .....	2
STATE .....	KANSAS	REPORT NUMBER .....	15395
COUNTY .....	BARBER	ELEVATION KELLY BUSHINGS .....	1940
ELEVATION GROUND LEVEL .....	1927	TESTING ENGINEER .....	DAVID NICHOLS
COMPANY REPRESENTATIVE .....	BILL REE		

### EXTRA EQUIPMENT

JARS .....	Y	EXTRA PACKER (3RD) .....	NO
SAFETY JOINT .....	Y	EXTRA PACKER (4TH) .....	NO
ELECTRONIC RECORDER .....	NO	STRADDLE .....	NO
CIRCULATING SUB .....	NO	HOOK WALL .....	NO
		SAMPLER .....	NO
	<b>24 MILES ROUND TRIP FROM</b>	<b>GREAT BEND</b>	
TOP RECORDER DEPTH .....	4601	BOTTOM RECORDER DEPTH .....	4602
RECORDER NUMBER .....	91986	RECORDER NUMBER .....	4337

### WELL INFORMATION

DRILLING CONTRACTOR .....	DUKE RIG#7	DRILL COLLAR LENGTH .....	180
DRILL PIPE LENGTH .....	4371	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

**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> .....	#####
<b>FIELD</b> .....	<b>Report Number</b> .....	15395

**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 OPENED	11:30	10	35			1/2	36.500
AT 11:20 AM	11:40	20	26			1/2	28.000
GAS TO SURFACE IN 17 MIN	11:50	30	15			1/2	24.500

**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 OPENED	1:00	10	25			1/4	8.220
AT 12:50 PM	1:10	20	44			1/4	11.100
	1:20	30	42			1/4	10.900
	1:30	40	42			1/4	10.900

# SUPERIOR TESTERS ENTERPRISES L.L.C.

## RECOVERY BREAK DOWN

GREAT BEND, KANSAS

(800) 792-6902

Drill Pipe	I.D.	Feet	Recovery Description For Drill Pipe	Gas	Oil	Mud	Water	Total bbls.
4 1/2								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
<b>Drill Collars</b>				<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	
	<b>I.D.</b>		<b>Recovery Description For Drill Collars</b>					
	2.25	100	MUD			100%		0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
<b>Total Recovery</b>		<b>100 Feet</b>	<b>Total bbls. Recovered From Drill Pipe</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>Total</b>
			<b>Total bbls. Recovered From Drill Collars</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.4900</b>	<b>0.0000</b>	<b>bbls</b>
			<b>Total bbls Recovered</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.4900</b>	<b>0.0000</b>	<b>0.0000</b>
				<b>Gas</b>	<b>Oil</b>	<b>Mud</b>	<b>Water</b>	

MUD WEIGHT #/GAL 9.1  
 VISCOSITY 55  
 WATER LOSS 8.0

**GRAVITY CORRECTED**

Resistivity ohms @ Degrees  
 Recovery Chlorides ppm  
 Pit Chlorides 2,500 ppm

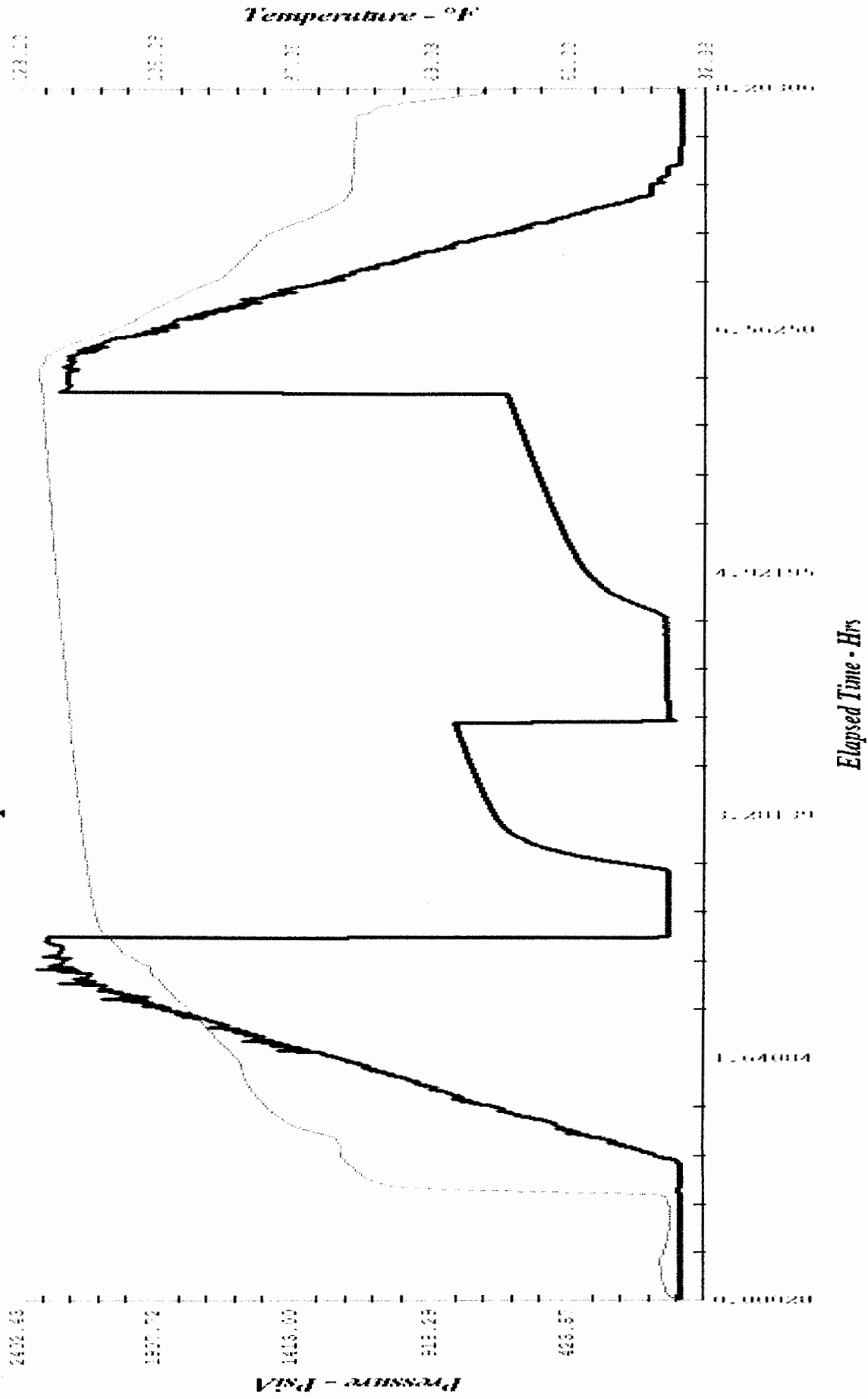
F.G. HOLL COMPANY L.L.C

5-30-13

4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D  
 DON LAMBERT E 3-5 1-13-08 DST#2

VIOLA LIME STONE

*Temperature / Pressure Data*



Tool serial number: 31716  
Test start: 01/13/2008 17:12:33



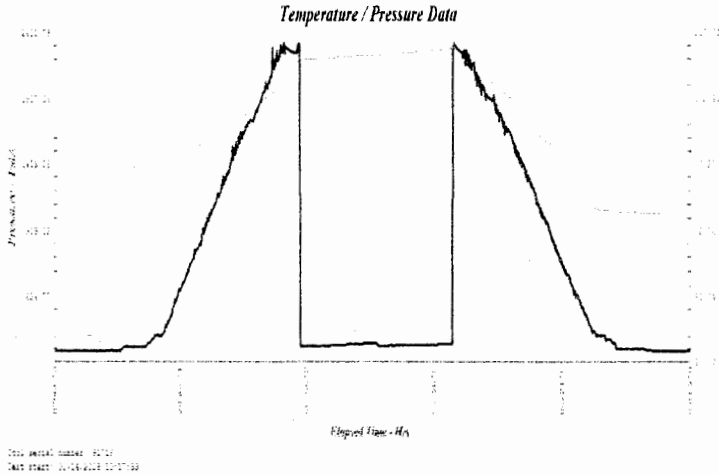
# SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F.G. HOLL COMPANY L.L.C. Lease & Well No. DON LAMBERT E 3-5 Test #: 3 Date: 1-14-08 SEC. 5  
 T.M.P. 30 R.G.E. 13



1	Initial Hydrostatic Pressure.....	2319
2	Initial Flow Pressure.....	50
3	Final Initial Flow Pressure.....	53
4	Initial Shut-In Pressure.....	74
5	Initial Final Flow Pressure.....	53
6	Final Flow Pressure.....	54
7	Final Shut-In Pressure.....	63
8	Final Hydrostatic Pressure.....	2365
Maximum Temperature.....		117

**GENERAL INFORMATION**

COMPANY NAME ..... F.G.HOLL COMPANY L.L.C	
TEST DATE ..... 1/14/08	LEASE AND WELL NUMBER ..... DON LAMBERT E 3-5
SECTION-TOWN-RANGE ..... 41424	FORMATION TESTED ..... VIOLA LIME STONE
STATE ..... KANSAS	DRILL STEM TEST NUMBER ..... 3
COUNTY ..... BARBER	REPORT NUMBER ..... ####
ELEVATION GROUND LEVEL ..... 1927	ELEVATION KELLY BUSHINGS ..... 1940
COMPANY REPRESENTATIVE ..... BILL REE	TESTING ENGINEER ..... DAVID NICHOLS

**TOOL SETTING INFORMATION**

TEST INTERVAL (From) ..... 4605	TOP PACKER DEPTH ..... 4600
TEST INTERVAL (to) ..... 4650	BOTTOM PACKER DEPTH ..... 4605
ANCHOR LENGTH ..... 45	NUMBER OF PACKERS ..... 2
TOTAL DEPTH (ft) ..... 4650	PACKER SIZE ..... 6 3/4
	HOLE SIZE ..... 7 7/8

**FLOW TIMES**

<i>INITIAL OPEN</i>		<i>FINAL OPEN</i>	
TOOL OPEN (from) ..... 6:20		TOOL OPEN (from) ..... 7:05	
TOOL OPEN (to) ..... 6:35		TOOL OPEN (to) ..... 7:20	
DURATION (min.) ..... 15		DURATION (min.) ..... 15	
<i>INITIAL SHUT-IN</i>		<i>FINAL SHUT-IN</i>	
TOOL CLOSED (from) ..... 6:35		TOOL CLOSED (from) ..... 7:20	
TOOL CLOSED (to) ..... 7:05		TOOL CLOSED (to) ..... 7:50	
DURATION (min.) ..... 30		DURATION (min.) ..... 30	

**INITIAL FLOW**

**SURFACE BLOW**

**FINAL FLOW**

**WEAK SURFACE BLOW DIED AFTER 7 MIN**

# 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 L.L.C	LEASE AND WELL NUMBER .....	DON LAMBERT E 3-5
TEST DATE .....	1/14/08	FORMATION TESTED .....	VIOLA LIME STONE
SECTION-TOWN-RANGE .....	5/30/2013	DRILL STEM TEST NUMBER .....	3
STATE .....	KANSAS	REPORT NUMBER .....	15396
COUNTY .....	BARBER	ELEVATION KELLY BUSHINGS .....	1940
ELEVATION GROUND LEVEL .....	1927	TESTING ENGINEER .....	DAVID NICHOLS
COMPANY REPRESENTATIVE .....	BILL REE		

### EXTRA EQUIPMENT

JARS .....	Y	EXTRA PACKER (3RD) .....	NO
SAFETY JOINT .....	Y	EXTRA PACKER (4TH) .....	NO
ELECTRONIC RECORDER .....	NO	STRADDLE .....	NO
CIRCULATING SUB .....	NO	HOOK WALL .....	NO
		SAMPLER .....	NO
	<b>24 MILES ROUND TRIP FROM</b>	<b>GREAT BEND</b>	
TOP RECORDER DEPTH .....	4646	BOTTOM RECORDER DEPTH .....	4647
RECORDER NUMBER .....	91986	RECORDER NUMBER .....	4337

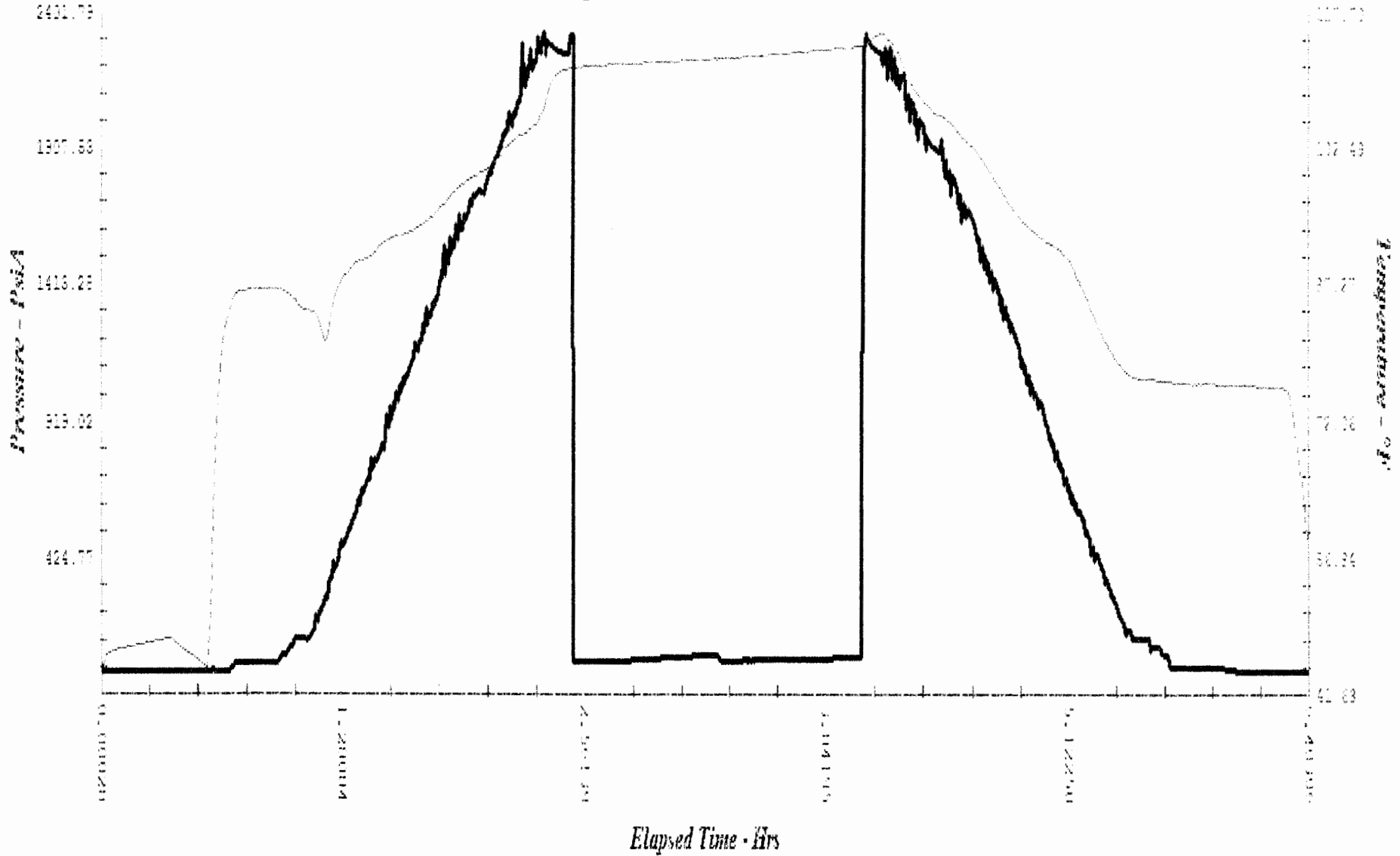
### WELL INFORMATION

DRILLING CONTRACTOR .....	DUKE #7	DRILL COLLAR LENGTH .....	180
DRILL PIPE LENGTH .....	4399	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: 91716  
 Test start: 01/14/2008 10:17:33

# Superior Testers Enterprises L.L.C.

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

(800) 792-6902

Company FG. Hall company L.L.C  
 Address 9431 E Central Wichita KS 67206  
 Lease & # Don Lambert E 3-3 Sec. 5 Twp 30 Rng 13  
 Date 1-13-2008 County Barber Elevation 1927 G.L. 1940 K.B.  
 Drilling Contractor Duke Rig #7  
 Drill Pipe Length 4454 I.D. of Drill Pipe 3.50 Tool Joint Size 4 1/2 XA  
 Drill Collar Length 180 I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2 XA  
 Mud Weight 9.3 Viscosity 600 Filtrate 8.8 Chlorides-Pits 3000 DST \_\_\_\_\_  
 Top Packer Depth 4633 Bottom Packer Depth 4660 Number of Packers 2  
 Tested From 4060 to 4685 Total Depth 4685 Anchor Length \_\_\_\_\_  
 Test # 4 Formation Tested Simpson Sand Hole Size 7 7/8  
 Initial Blow Strong Blow Bottom less 1 min

Blow back on the 1st Shut-in YES

Final Blow Strong Blow Bottom Bucket in 2 min

Blow back on the 2nd Shut-in YES

Initial Hydrostatic 2295 P.S.I. Final Hydrostatic 2224 P.S.I. Maximum Temp. 135 F

Initial Opening <u>168</u> P.S.I. to <u>221</u> P.S.I. from <u>1:30</u> m to <u>1:35</u> m <u>5</u> minutes
Initial Shut-in <u>1080</u> P.S.I. from <u>1:35</u> m to <u>2:33</u> m <u>60</u> minutes
Final Opening <u>301</u> P.S.I. to <u>589</u> P.S.I. from <u>2:33</u> m to <u>3:05</u> m <u>30</u> minutes
Final Shut-in <u>1070</u> P.S.I. from <u>3:05</u> m to <u>4:05</u> A m <u>60</u> minutes

1000 Feet	Recovery Description	100 Gas	% Oil	% Mud	% Water
<u>210</u>	<u>gas in pipe</u> <u>Heavily gas cut Muddy water with a slight show of oil</u>	<u>30</u>		<u>30</u>	<u>40</u>
<u>120</u>	<u>Mud cut water with a slight show of oil</u>			<u>20</u>	<u>80</u>
<u>120</u>	<u>water</u>				<u>100</u>
<u>60</u>	<u>Mud with a trace of water</u>			<u>90</u>	<u>10</u>

Total Feet Recovered 4110 Recovery Chlorides 30000 Rw. 11 ohms @ 35 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 YES Safety Joint YES Circulating Sub \_\_\_\_\_ Straddle \_\_\_\_\_  
 Electronic Recorder No. 19984 Depth 4681 Extra Packer (3rd) \_\_\_\_\_ Hook Wall \_\_\_\_\_  
 Bottom Recorder No. 4337 Depth 4682 Extra Packer (4th) \_\_\_\_\_ Sampler \_\_\_\_\_  
 Tool Operator Sanford Approved By \_\_\_\_\_

Ticket No. 15397

# SUPERIOR TESTERS ENTERPRISES L.L.C.

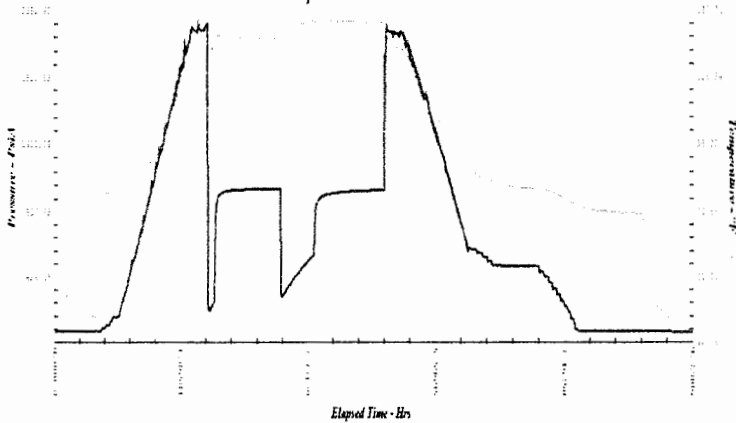
1(800)792-6902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F.G. HOLL COMPANY L.L.C  
 TWP. 30 RGE. 13  
 Lease & Well No. DON LAMBERT E 3-5 Test #: 4 Date: 1-15-08 SEC. 5

*Temperature / Pressure Data*



TEST ANALYST COMPANY: ST70  
TEST DATE: 01-15-2008 09:27:30

1	Initial Hydrostatic Pressure.....	2295
2	Initial Flow Pressure.....	168
3	Final Initial Flow Pressure.....	221
4	Initial Shut-In Pressure.....	1086
5	Initial Final Flow Pressure.....	301
6	Final Flow Pressure.....	589
7	Final Shut-In Pressure.....	1076
8	Final Hydrostatic Pressure.....	2224
Maximum Temperature.....		135

### GENERAL INFORMATION

COMPANY NAME ..... F.G. HOLL COMPANY L.L.C	
TEST DATE ..... 1/15/08	LEASE AND WELL NUMBER ..... DON LAMBERT E 3-5
SECTION-TOWN-RANGE ..... 41424	FORMATION TESTED ..... SIMPSON SAND
STATE ..... KANSAS	DRILL STEM TEST NUMBER ..... 4
COUNTY ..... BARBER	REPORT NUMBER ..... ####
ELEVATION GROUND LEVEL ..... 1927	ELEVATION KELLY BUSHINGS ..... 1940
COMPANY REPRESENTATIVE ..... BILL REE	TESTING ENGINEER ..... DAVID NICHOLS

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... 4660	TOP PACKER DEPTH ..... 4655
TEST INTERVAL (to) ..... 4685	BOTTOM PACKER DEPTH ..... 4660
ANCHOR LENGTH ..... 25	NUMBER OF PACKERS ..... 2
TOTAL DEPTH (ft) ..... 4685	PACKER SIZE ..... 6 3/4
	HOLE SIZE ..... 7 7/8

### FLOW TIMES

<p><i>INITIAL OPEN</i></p> <p>TOOL OPEN (from) ..... 1:30</p> <p>TOOL OPEN (to) ..... 1:35</p> <p>DURATION (min.) ..... 5</p> <p><i>INITIAL SHUT-IN</i></p> <p>TOOL CLOSED (from) ..... 1:35</p> <p>TOOL CLOSED (to) ..... 2:35</p> <p>DURATION (min.) ..... 60</p>	<p><i>FINAL OPEN</i></p> <p>TOOL OPEN (from) ..... 2:35</p> <p>TOOL OPEN (to) ..... 3:05</p> <p>DURATION (min.) ..... 30</p> <p><i>FINAL SHUT-IN</i></p> <p>TOOL CLOSED (from) ..... 3:05</p> <p>TOOL CLOSED (to) ..... 4:05</p> <p>DURATION (min.) ..... 60</p>
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**INITIAL FLOW      STRONG BLOW BOTTOM BUCKET IN LESS 1 MIN**

**FINAL FLOW      STRONG BLOW BOTTOM BUCKET IN 2 MIN**

# 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 L.L.C	LEASE AND WELL NUMBER .....	DON LAMBERT E 3-5
TEST DATE .....	1/15/08	FORMATION TESTED .....	SIMPSON SAND
SECTION-TOWN-RANGE .....	5/30/2013	DRILL STEM TEST NUMBER .....	4
STATE .....	KANSAS	REPORT NUMBER .....	15397
COUNTY .....	BARBER	ELEVATION KELLY BUSHINGS .....	1940
ELEVATION GROUND LEVEL .....	1927	TESTING ENGINEER .....	DAVID NICHOLS
COMPANY REPRESENTATIVE .....	BILL REE		

### EXTRA EQUIPMENT

JARS .....	Y	EXTRA PACKER (3RD) .....	NO
SAFETY JOINT .....	Y	EXTRA PACKER (4TH) .....	NO
ELECTRONIC RECORDER .....	NO	STRADDLE .....	NO
CIRCULATING SUB .....	NO	HOOK WALL .....	NO
		SAMPLER .....	NO
	<b>24 MILES ROUND TRIP FROM</b>		
	<b>GREAT BEND</b>		
TOP RECORDER DEPTH .....	4681	BOTTOM RECORDER DEPTH .....	4682
RECORDER NUMBER .....	91986	RECORDER NUMBER .....	4337

### WELL INFORMATION

DRILLING CONTRACTOR .....	DUKE#7	DRILL COLLAR LENGTH .....	180
DRILL PIPE LENGTH .....	4454	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

# SUPERIOR TESTERS ENTERPRISES L.L.C.

## RECOVERY BREAK DOWN

GREAT BEND, KANSAS

(800) 792-6902

Drill Pipe	I.D.	Feet	Recovery Description For Drill Pipe	Gas	Oil	Mud	Water	Total bbls.
4 1/2	210		HEAVLY GAS CUT MUDDY WATER WITH A TRACE OF OIL	30%	2%	30%	38%	2.9820
	120		MUD CUT WATER WITH A SLIGHT SHOW OF OIL			20%	80%	1.7040
	600		WATER				100%	8.5200
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
<b>Drill Collars</b>				<b>0.8946</b>	<b>0.0596</b>	<b>1.2354</b>	<b>11.0164</b>	
	<b>2.25</b>		<b>Recovery Description For Drill Collars</b>					
	120		WATER				100%	0.0000
	60		MUD WITH A TRACE OF WATER			90%	10%	0.2940
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
<b>Total Recovery</b>		<b>1110 Feet</b>	<b>Total bbls. Recovered From Drill Pipe</b>	<b>0.8946</b>	<b>0.0596</b>	<b>1.2354</b>	<b>11.0164</b>	<b>Total</b>
			<b>Total bbls. Recovered From Drill Collars</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.2646</b>	<b>0.6174</b>	<b>bbls</b>
			<b>Total bbls Recovered</b>	<b>0.8946</b>	<b>0.0596</b>	<b>1.5000</b>	<b>11.6338</b>	<b>13.5000</b>
				<b>Gas</b>	<b>Oil</b>	<b>Mud</b>	<b>Water</b>	

**GRAVITY CORRECTED**

MUD WEIGHT #/GAL 9.3  
 VISCOSITY 60  
 WATER LOSS 8.8

Resistivity 0.10 ohms @ 35 Degrees  
 Recovery Chlorides 30,00 ppm  
 Pit Chlorides 3,000 ppm

F.G. HOLL COMPANY L.L.C

5-30-13

4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D

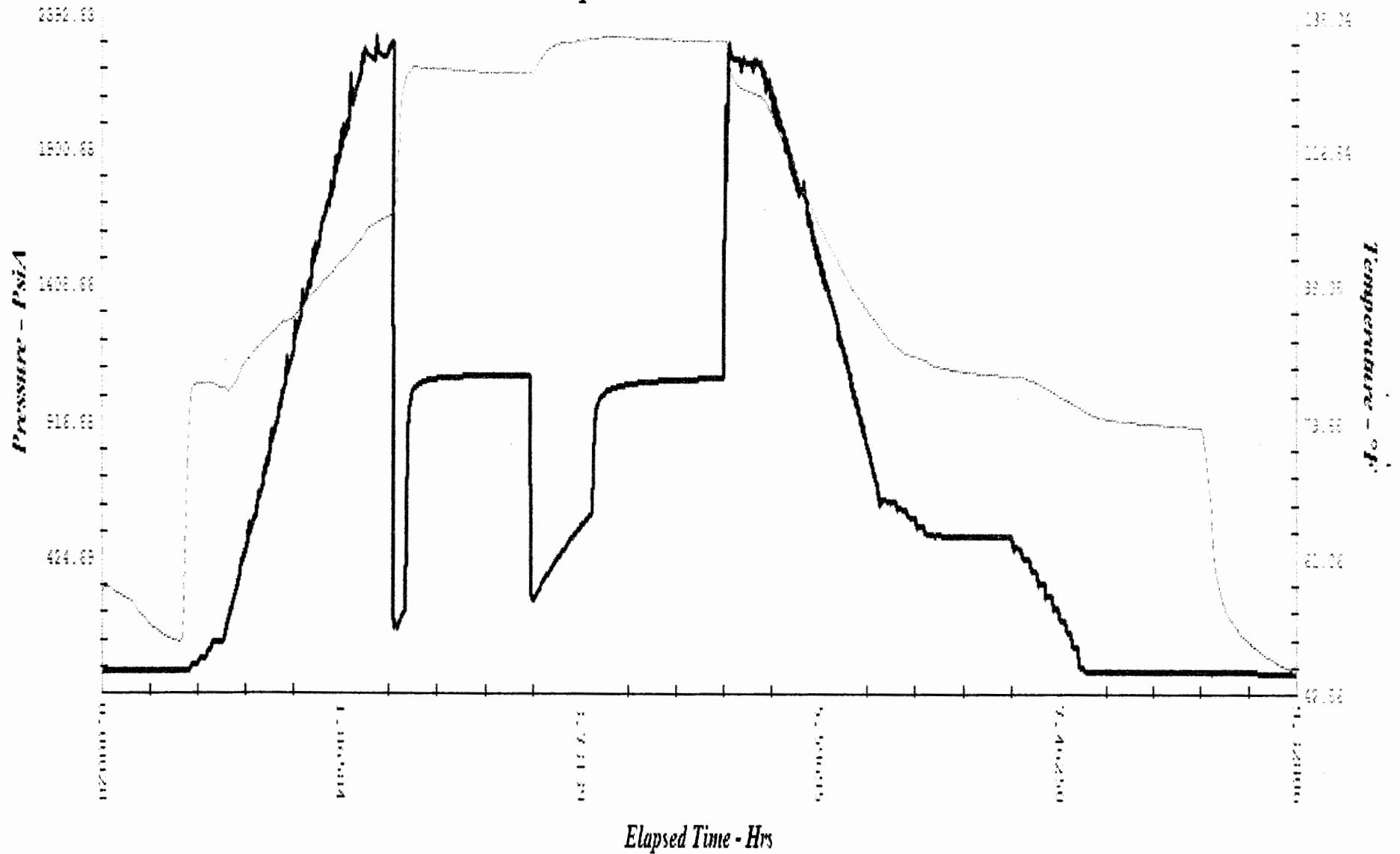
DON LAMBERT E 3-5

1-15-08

DST#4

SIMPSON SAND

# Temperature / Pressure Data



Tool serial number: 91716  
Test start: 01/15/2008 08:37:35

# Superior Testers Enterprises L.L.C.

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

(800) 792-6902

Company F.C. Hall Company L.L.C.  
 Address 9431 F Central Suite #100 Wichita KS 67206  
 Lease & # Don Lambert E 3-5 Sec. 5 Twp 30 Rng 13  
 Date 1-16-2009 County Barber Elevation 1927 G.L. 1940 K.B.  
 Drilling Contractor Duke Rig #7  
 Drill Pipe Length 4540 I.D. of Drill Pipe 3.80 Tool Joint Size 4 1/2 XH  
 Drill Collar Length 180 I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2 XH  
 Mud Weight 8.5 Viscosity 60 Filtrate 8.8 Chlorides-Pits 3,000 DST \_\_\_\_\_  
 Top Packer Depth 4757 Bottom Packer Depth 4762 Number of Packers 2  
 Tested From 4762 to 4775 Total Depth 4786 Anchor Length 13  
 Test # 5 Formation Tested ARBuckle Hole Size 7 7/8  
 Initial Blow weak Blow Built to 4 inches into water in 30min  
 Blow back on the 1st Shut-in 110  
 Final Blow weak Blow Built to 2 1/2 inches into water in 30min  
 Blow back on the 2nd Shut-in 110  
 Initial Hydrostatic 2335 P.S.I. Final Hydrostatic 2349 P.S.I. Maximum Temp. 125 F

Initial Opening <u>33</u> P.S.I. to <u>98</u> P.S.I. from <u>5:40 A</u> m to <u>6:10</u> m <u>30</u> minutes
Initial Shut-in <u>1624</u> P.S.I. from <u>6:10</u> m to <u>7:10</u> m <u>60</u> minutes
Final Opening <u>71</u> P.S.I. to <u>103</u> P.S.I. from <u>7:10</u> m to <u>8:40</u> m <u>30</u> minutes
Final Shut-in <u>1570</u> P.S.I. from <u>8:40</u> m to <u>8:40 A</u> m <u>60</u> minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
<u>40</u>	<u>oil with a trace of mud</u>		<u>95</u>	<u>5</u>	
<u>60</u>	<u>Mud cut water with a trace of oil</u>		<u>5</u>	<u>45</u>	<u>50</u>
<u>60</u>	<u>water with a trace of oil</u>		<u>2</u>		<u>98</u>

Total Feet Recovered 160 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 \_\_\_\_\_

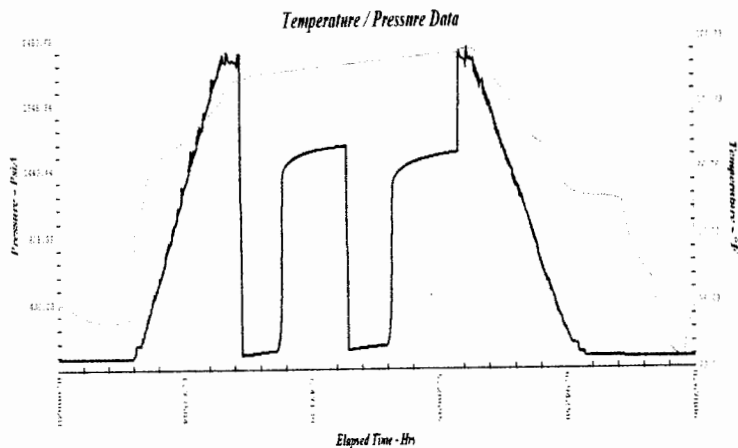
Extra Equipment-Jars Yes Safety Joint Yes Circulating Sub \_\_\_\_\_ Straddle Yes  
 Electronic Recorder No. 91986 Depth 4758 Extra Packer (3rd) Yes Hook Wall \_\_\_\_\_  
 Bottom Recorder No. 1377 Depth 4759 Extra Packer (4th) \_\_\_\_\_ Sampler \_\_\_\_\_  
 Tool Operator Don Williams Approved By \_\_\_\_\_

# SUPERIOR TESTERS ENTERPRISES L.L.C.

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

1(800)792-6902



1	Initial Hydrostatic Pressure.....	2335
2	Initial Flow Pressure.....	33
3	Final Initial Flow Pressure.....	98
4	Initial Shut-In Pressure.....	1624
5	Initial Final Flow Pressure.....	71
6	Final Flow Pressure.....	103
7	Final Shut-In Pressure.....	1570
8	Final Hydrostatic Pressure.....	2349
Maximum Temperature.....		125

### GENERAL INFORMATION

COMPANY NAME ..... F.G. HOLL COMPANY L.L.C	
TEST DATE ..... 1/16/08	LEASE AND WELL NUMBER ..... DON LAMBERT E 3-5
SECTION-TOWN-RANGE ..... 41424	FORMATION TESTED ..... ARBUCKLE
STATE ..... KANSAS	DRILL STEM TEST NUMBER ..... 5
COUNTY ..... BARBER	REPORT NUMBER ..... #####
ELEVATION GROUND LEVEL ..... 1927	ELEVATION KELLY BUSHINGS ..... 1940
COMPANY REPRESENTATIVE ..... BILL REE	TESTING ENGINEER ..... DAVID NICHOLS

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... 4762	TOP PACKER DEPTH ..... 4757
TEST INTERVAL (to) ..... 4775	BOTTOM PACKER DEPTH ..... 4762
ANCHOR LENGTH ..... 13	NUMBER OF PACKERS ..... 2
TOTAL DEPTH (ft) ..... 4775	PACKER SIZE ..... 6 3/4
	HOLE SIZE ..... 7 7/8

### FLOW TIMES

<i>INITIAL OPEN</i>		<i>FINAL OPEN</i>	
TOOL OPEN (from) ..... 5:40		TOOL OPEN (from) ..... 7:10	
TOOL OPEN (to) ..... 6:10		TOOL OPEN (to) ..... 7:40	
DURATION (min.) ..... 30		DURATION (min.) ..... 30	
 <i>INITIAL SHUT-IN</i>		 <i>FINAL SHUT-IN</i>	
TOOL CLOSED (from) ..... 6:10		TOOL CLOSED (from) ..... 7:40	
TOOL CLOSED (to) ..... 7:10		TOOL CLOSED (to) ..... 8:40	
DURATION (min.) ..... 60		DURATION (min.) ..... 60	

**INITIAL FLOW**      WEAK BLOW BUILT TO 4 INCHES INTO WATER IN 30 MIN

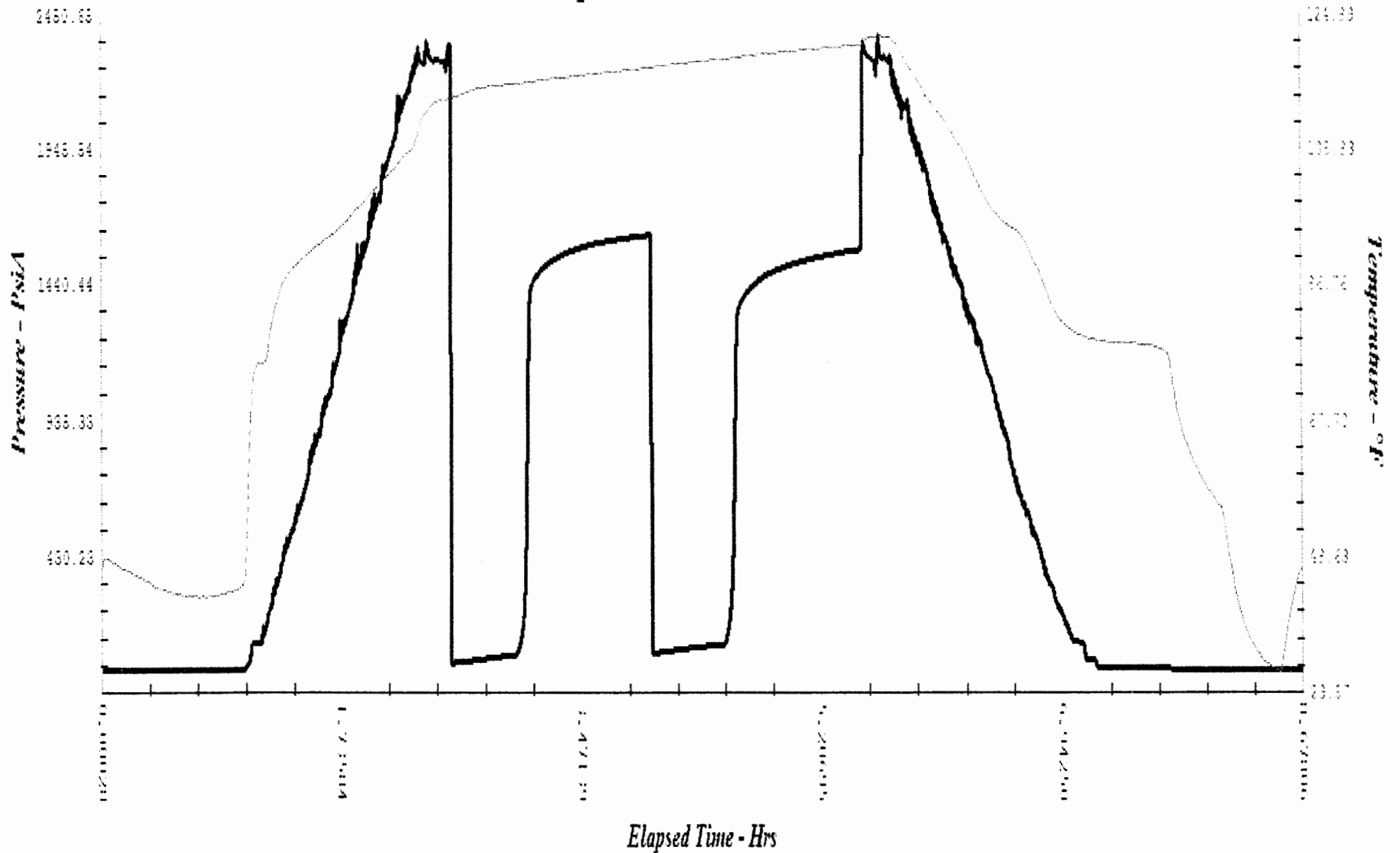
**FINAL FLOW**      WEAK BLOW BUILT TO 2 1/2 INCHES INTO WATER IN 30 MIN

Company: F.G. HOLL COMPANY L.L.C.      Lease & Well No. DON LAMBERT E 3-5      Test #: 5      Date: 1-16-08      SEC. 5  
 TWP. 30      RGE. 13





# Temperature / Pressure Data



Tool serial number: 91716  
Test start: 01/16/2008 11:54:22

F.G. HOLL COMPANY L.L.C

5-30-13

DON LAMBERT E 3-5

1-16-08

DST#5

ARBUCKLE