

F. G. Hall Co.  
Mo Debes 1-8

8-21s-14w  
15-185-23159

# Superior Testers Enterprises, Inc

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

ORIGINAL

Date 6-17-2001 Location 40 1/2 - 1/2 - 1/2 8-21s-14w Elevation 1931.66 County Stafford

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

Charts Mailed to 9421 East Central Rd. Box 780167 Wichita Kansas 67278-0167

Drilling Contractor Steel Line Drilling Rig #7

Length Drill Pipe 1513 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X.H.

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

Length Drill Collars 248 I.D. Drill Collars none Tool Joint Size 4 1/2" X.H.

Top Packer Depth 1780 Bottom Packer Depth 1785 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 1785 TO 1850 ANCHOR LENGTH 65 TOTAL DEPTH 1850 Hole Size 7 7/8

LEASE & WELL NO. DEBES #1-8 FORMATION TESTED Herington TEST NO. 1

Mud Weight 8.9 Viscosity 35 Water Loss 10% Chlorides - Pits 4300 D.S.T. \_\_\_\_\_

Maximum Temp. 88 °F Initial Hydrostatic Pressure (A) 896 P.S.I. Final Hydrostatic Pressure (H) 871 P.S.I.

Tool Open I.F.P. from 1:30 Pm to 1:45 Pm 15 min

Tool Closed I.C.I.P. from 1:45 Pm to 2:15 Pm 30 min

Tool Open F.F.P. from 2:15 Pm to 2:30 Pm 15 min

Tool Closed F.C.I.P. from 2:30 Pm to 3:00 Pm 30 min

Initial Blow WEAK blow for 13 minutes & Died

Final Blow WEAK blow 8 minutes & Died - flushed tool - no help

Total Feet Recovered 100 Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

<u>100</u> Feet of <u>Drilling mud no shows of Gas</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
_____ Feet of _____	% Gas	% Oil	% Mud	% Water

Remarks \_\_\_\_\_

Extra Equipment - Jars yes Safety Joints yes Extra Packer none Straddle none Hook Wall none

Top Recorder No. 78225 Clock No. ELECTRONIC Depth 1843 Cir. Sub none Sampler none

Bottom Recorder No. 5463 Clock No. 42441 Depth 1847 Insurance none

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

Tool Operator Steve Budy

Approved By \_\_\_\_\_

No 14072

from [B] <u>67</u> P.S.I. to [C] <u>86</u> P.S.I.
[D] <u>245</u> P.S.I.
from [E] <u>98</u> P.S.I. to [F] <u>111</u> P.S.I.
[G] <u>349</u> P.S.I.

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**SUPERIOR TESTERS ENTERPRISES INC.**

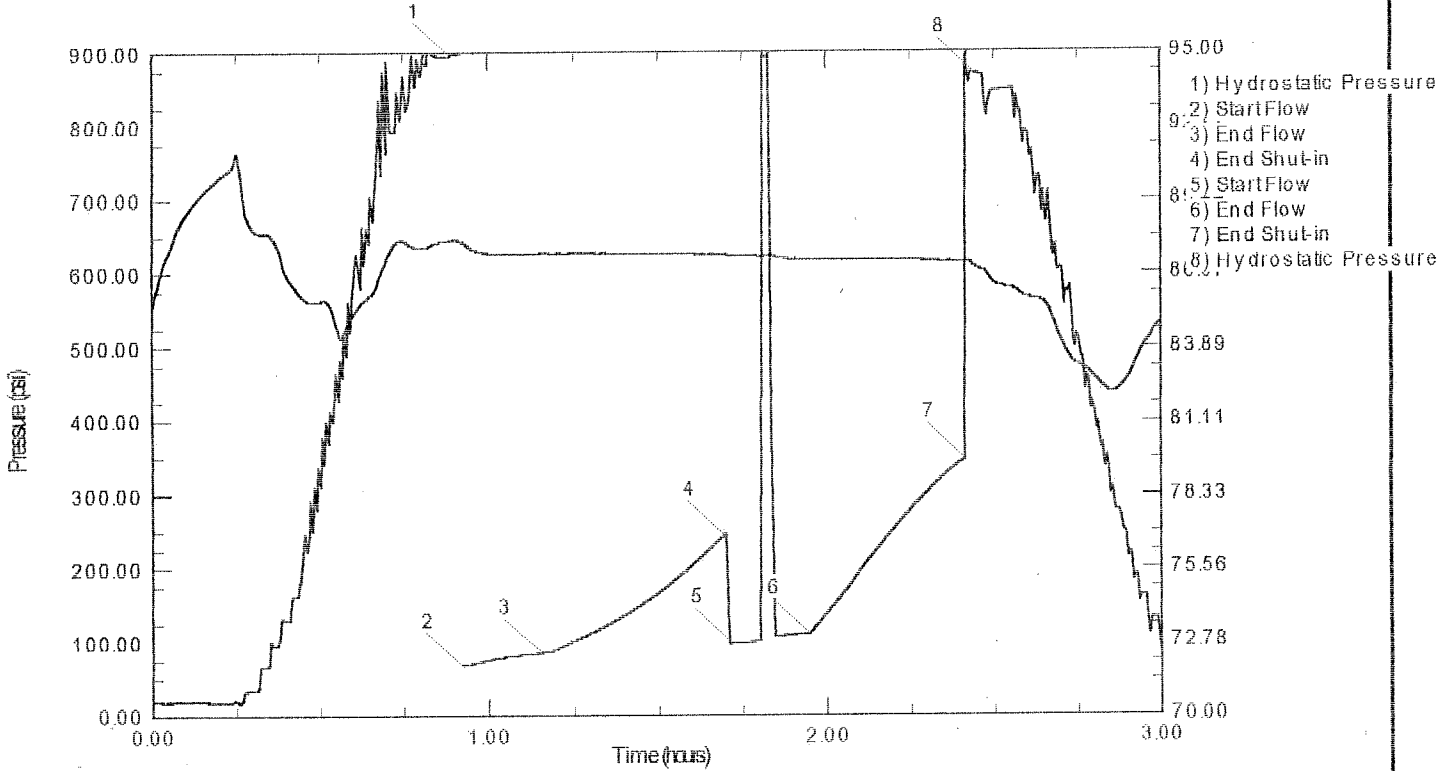
Great Bend, Kansas

CHART DATA ORIGINAL (316) 792-6902

Company: F.G. HOLL COMPANY L.L.C. Lease & Well NO. DEBES #1-8 Test #: 1 Date: 6-17-2002 SEC. 8 TWP. 21S  
 RGE. 14W

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

Test Date ..... June 17, 2002  
 Sec Town Range ..... 8-21S-14W  
 Report Number ..... 14072



**Field Reading**

(1)	Initial Hydrostatic Pressure	896
(2)	Initial Flow Pressure	67
(3)	Final Initial Flow Pressure	86
(4)	Initial Shut-In Pressure	245
(5)	Initial Final Flow Pressure	98
(6)	Final Flow Pressure	111
(7)	Final Shut-In Pressure	349
(8)	Final Hydrostatic Pressure	871

ELECTRONIC RECORDER DEPTH: 1843 FT, RECORDER NUMBER 78225

# SUPERIOR TESTERS ENTERPRISES INC.

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

### GENERAL INFORMATION

COMPANY NAME	..... F.G.HOLL COMPANY L.L.C.	LEASE AND WELL NUMBER	..... DEBES #1-8
TEST DATE	..... 6/17/02	FORMATION TESTED	..... HERRINGTON
SECTION-TOWN-RANGE	..... 8-21S-14W	DRILL STEM TEST NUMBER	..... 1
STATE	..... KANSAS	REPORT NUMBER	..... 14072
COUNTY	..... STAFFORD	ELEVATION KELLY BUSHINGS	..... 1940
ELEVATION GROUND LEVEL	..... 1931	TESTING ENGINEER	..... GENE BUDIG
COMPANY REPRESENTATIVE	..... BILL REE		

### TOOL SETTING INFORMATION

TEST INTERVAL (From)	..... 1785	TOP PACKER DEPTH	..... 1780
TEST INTERVAL (to)	..... 1850	BOTTOM PACKER DEPTH	..... 1785
ANCHOR LENGTH	..... 65	NUMBER OF PACKERS	..... 2
TOTAL DEPTH (ft)	..... 1850	PACKER SIZE	..... 6 3/4
		HOLE SIZE	..... 7 7/8

### FLOW TIMES

<i>INITIAL OPEN</i>	
TOOL OPEN (from)	..... 1:30
TOOL OPEN (to)	..... 1:45
DURATION (min.)	..... 15
<i>INITIAL SHUT-IN</i>	
TOOL CLOSED (from)	..... 1:45
TOOL CLOSED (to)	..... 2:15
DURATION (min.)	..... 30
<i>FINAL OPEN</i>	
TOOL OPEN (from)	..... 2:15
TOOL OPEN (to)	..... 2:30
DURATION (min.)	..... 15
<i>FINAL SHUT-IN</i>	
TOOL CLOSED (from)	..... 2:30
TOOL CLOSED (to)	..... 3:00
DURATION (min.)	..... 30

### PRESSURE READINGS

INITIAL HYDROSTATIC	..... 896
INITIAL FLOW	..... 67
FINAL INITIAL FLOW	..... 86
INITIAL SHUT-IN	..... 245
INITIAL FINAL FLOW	..... 98
FINAL FLOW	..... 111
FINAL SHUT-IN	..... 349
FINAL HYDROSTATIC	..... 871
MAXIMUM TEMPERATURE	..... 88
TOP RECORDER DEPTH	..... 1843
RECORDER NUMBER	..... 78226
BOTTOM RECORDER DEPTH	..... 1847
RECORDER NUMBER	..... 5463

### INITIAL BLOW

WEAK BLOW FOR 13 MINUTES AND DIED

### FINAL BLOW

WEAK BLOW FOR 8 MINUTES AND DIED FLUSHED TOOL GOOD SURGE  
NO HELP

### EXTRA EQUIPMENT

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

**SUPERIOR TESTERS ENTERPRISES INC.**  
**DRILL STEM TEST REPORT**

GREAT BEND, KANSAS 67530 (316)792-6902

**WELL INFORMATION**

DRILLING CONTRACTOR ..... **STERLING DRILLING RIG #4**

DRILL PIPE LENGTH ..... **1513**

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

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

DRILL COLLAR LENGTH ..... **248**

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 ..... **8.9**

VISCOSITY ..... **35**

WATER LOSS ..... **10.2**

CHLORIDES-PITS ..... **43000**

CHLORIDES-DST .....

FEET OF RECOVERY	RECOVERY		% GAS	% OIL	% MUD	% WATER
	DESCRIPTION					
1)	100	DRILLING MUD WITH NO SHOWS OF GAS				
2)						
3)						
4)						
5)						
6)						
7)						
8)						
9)						
10)						
11)						
12)						
13)						
14)						
15)						
TOTAL RECOVERY						

**COMMENTS**

# Superior Testers Enterprises, Inc.

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

(316) 792-6902

# ORIGINAL

Date 07-17-02 Location 4 1/2 - 1/2 - 7/2 - 8-21-14 Elevation 1940 KB County Stafford  
1931 GL

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

Charts Mailed to 9431 East Central P.O. Box 780167 Wichita, Kansas 67278-0167

Drilling Contractor Steelinc Drilling R56#1

Length Drill Pipe 1578 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X 11

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

Length Drill Collars 248 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 11

Top Packer Depth 1848 Bottom Packer Depth 1853 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 1853 TO 1886 ANCHOR LENGTH 33 TOTAL DEPTH 1886 Hole Size 7 7/8"

LEASE & WELL NO. Debes # 1-8 FORMATION TESTED Winfield TEST NO. 2

Mud Weight 8.9 Viscosity 35 Water Loss 10.2 Chlorides - Pits 43000 D.S.T. \_\_\_\_\_

Maximum Temp. 91 °F Initial Hydrostatic Pressure (A) 928 P.S.I. Final Hydrostatic Pressure (H) 906 P.S.I.

Tool Open I.F.P. from 9:45 pm to 10:00 pm 15 min

from [B] <u>50</u> P.S.I. to [C] <u>70</u> P.S.I.
[D] <u>540</u> P.S.I.
from [E] <u>73</u> P.S.I. to [F] <u>93</u> P.S.I.
[G] <u>529</u> P.S.I.

Tool Closed I.C.I.P. from 10:00 pm to 10:30 pm 30 min

Tool Open F.F.P. from 10:30 pm to 10:45 pm 15 min

Tool Closed F.C.I.P. from 10:45 pm to 11:15 pm 30 min

Initial Blow WEAK SURFACE BLOW FOR 7 MINUTES & DIED

Final Blow NO BLOW

Total Feet Recovered 70 Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

<u>70</u> Feet of <u>Drilling mud with no shows of</u> % Gas _____ % Oil _____ % Mud _____ % Water _____
_____ Feet of _____ <u>GAS</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 YES Safety Joint YES Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 78225 Clock No. Electronic Depth 1878 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 47441 Depth 1883 Insurance NONE

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

Tool Operator Gene Buldy

Approved By \_\_\_\_\_

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No 14073

**SUPERIOR TESTERS ENTERPRISES INC.**

Great Bend, Kansas

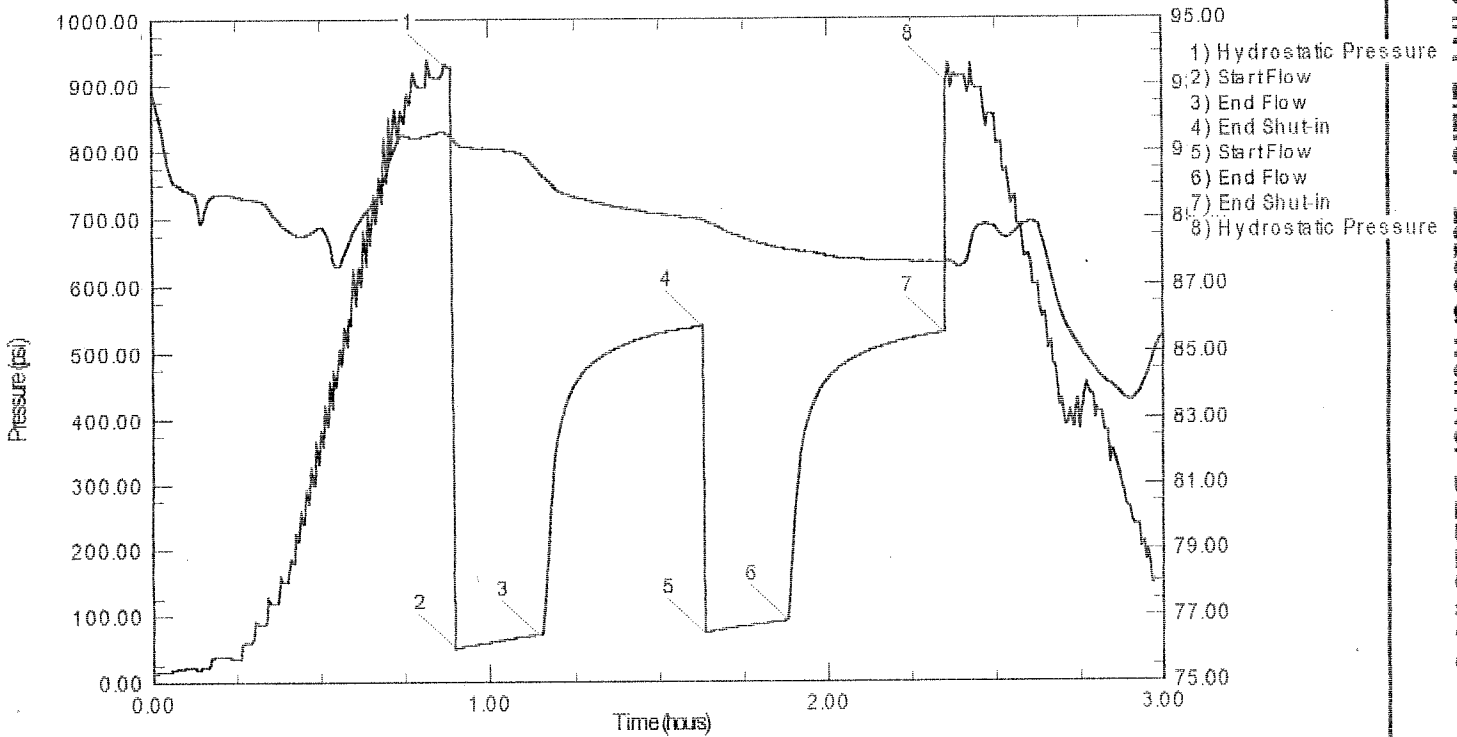
CHART DATA

(316) 792-6902

**ORIGINAL**

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

Test Date ..... July 17, 2002  
 Sec Town Range ..... 8-21S-14S  
 Report Number ..... 14073



**Field Reading**

(1)	Initial Hydrostatic Pressure	928
(2)	Initial Flow Pressure	50
(3)	Final Initial Flow Pressure	70
(4)	Initial Shut-In Pressure	540
(5)	Initial Final Flow Pressure	73
(6)	Final Flow Pressure	93
(7)	Final Shut-In Pressure	529
(8)	Final Hydrostatic Pressure	906

ELECTRONIC RECORDER DEPTH 1879 FT, RECORDER NUMBER 78225

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. DEBES #1-8 Test #: 2 Date: 07-17-2002 SEC. 8 TWP.  
 21S RGE. 14W

**SUPERIOR TESTERS ENTERPRISES INC.**

**DRILL STEM TEST REPORT**

GREAT BEND, KANSAS 67530 (316)792-6902

**GENERAL INFORMATION**

COMPANY NAME	FG.HOLL COMPANY L.L.C.	LEASE AND WELL NUMBER	DEBES #1-8
TEST DATE	7/17/02	FORMATION TESTED	WINFIELD
SECTION-TOWN-RANGE	8-21S-14S	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	14073
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1940
ELEVATION GROUND LEVEL	1931	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	BILL REE		

**TOOL SETTING INFORMATION**

TEST INTERVAL (From)	1853	TOP PACKER DEPTH	1848
TEST INTERVAL (to)	1886	BOTTOM PACKER DEPTH	1853
ANCHOR LENGTH	33	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	1886	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

**FLOW TIMES**

*INITIAL OPEN*

TOOL OPEN (from)	9:45
TOOL OPEN (to)	10:00
DURATION (min.)	15

*INITIAL SHUT-IN*

TOOL CLOSED (from)	10:00
TOOL CLOSED (to)	10:30
DURATION (min.)	30

*FINAL OPEN*

TOOL OPEN (from)	10:30
TOOL OPEN (to)	10:45
DURATION (min.)	15

*FINAL SHUT-IN*

TOOL CLOSED (from)	10:45
TOOL CLOSED (to)	11:15
DURATION (min.)	30

**PRESSURE READINGS**

INITIAL HYDROSTATIC	928
INITIAL FLOW	50
FINAL INITIAL FLOW	70
INITIAL SHUT-IN	540
INITIAL FINAL FLOW	73
FINAL FLOW	93
FINAL SHUT-IN	529
FINAL HYDROSTATIC	906
MAXIMUM TEMPERATURE	91
TOP RECORDER DEPTH	1879
RECORDER NUMBER	78225
BOTTOM RECORDER DEPTH	1883
RECORDER NUMBER	5463

INITIAL BLOW

WEAK SURFACE BLOW FOR 7 MINUTES AND DIED

FINAL BLOW

NO BLOW

**EXTRA EQUIPMENT**

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

**SUPERIOR TESTERS ENTERPRISES INC.**

**DRILL STEM TEST REPORT**

GREAT BEND, KANSAS 67530 (316)792-6902

**WELL INFORMATION**

DRILLING CONTRACTOR ..... **STERLING DRILLING RIG #1**

DRILL PIPE LENGTH ..... **1578**

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

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

DRILL COLLAR LENGTH ..... **248**

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 ..... **8.9**

VISCOSITY ..... **3510.2**

WATER LOSS ..... **43000**

CHLORIDES-PITS .....

CHLORIDES-DST .....

FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	70 DRILLING MUD WITH NO SHOWS OF GAS				
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					
TOTAL RECOVERY					

**COMMENTS**

# Superior Testers Enterprises, Inc. ORIGINAL

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

(316) 792-6902

Date 7-19-2002 Location 413-1/2 S 1/2 82P-14 Elevation 1940 K.F. 193166 County St. Howard

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

Charts Mailed to 9431 East Central P.O. Box 780167 Wichita Kansas 67278-0167

Drilling Contractor Sterling Drilling Company R1604

Length Drill Pipe 211 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X. H.

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

Length Drill Collars 248 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X. H.

Top Packer Depth 2381-2386 Bottom Packer Depth 2411 Number of Packers 3 Packer Size 6 3/4"

TESTED FROM 2386 TO 2411 ANCHOR LENGTH 25 TOTAL DEPTH 2443 Hole Size 7 7/8

LEASE & WELL NO. DOBES #1-8 FORMATION TESTED RED EAGLE TEST NO. 3

Mud Weight 9.4 Viscosity 34 Water Loss 12.8 Chlorides - Pits 60000 D.S.T. 66000

Maximum Temp. 98 °F Initial Hydrostatic Pressure (A) 1234 P.S.I. Final Hydrostatic Pressure (H) 1184 P.S.I.

Tool Open I.F.P. from 5:15 Am to 5:30 Am 15 min

Tool Closed I.C.I.P. from 5:30 Am to 6:00 Am 30 min

Tool Open F.F.P. from 6:00 Am to 6:15 Am 15 min

Tool Closed F.C.I.P. from 6:15 Am to 6:45 Am 30 min

from [B] 59 P.S.I. to [C] 89 P.S.I.  
 [D] 829 P.S.I.  
 from [E] 95 P.S.I. to [F] 119 P.S.I.  
 [G] 821 P.S.I.

Initial Blow WEAK 1/4 inch blow decreased to AVERY WEAK INTERMITTENT BLOW

Final Blow NO BLOW

Total Feet Recovered 150 Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

<u>150</u> Feet of	<u>Thin watery mud chlorides 66000</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 YES Safety Joint YES Extra Packer YES (3) Straddle YES Hook Walk NONE  
 Top Recorder No. 98205 Clock No. 98205 Depth 2388 Cir. Sub NONE Sampler NONE  
 Bottom Recorder No. 5463 Clock No. 42441 Depth 2408 Insurance NONE

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

Tool Operator Gene Bunker

Approved By \_\_\_\_\_

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**Nº 14074**

**SUPERIOR TESTERS ENTERPRISES INC.**

Great Bend, Kansas

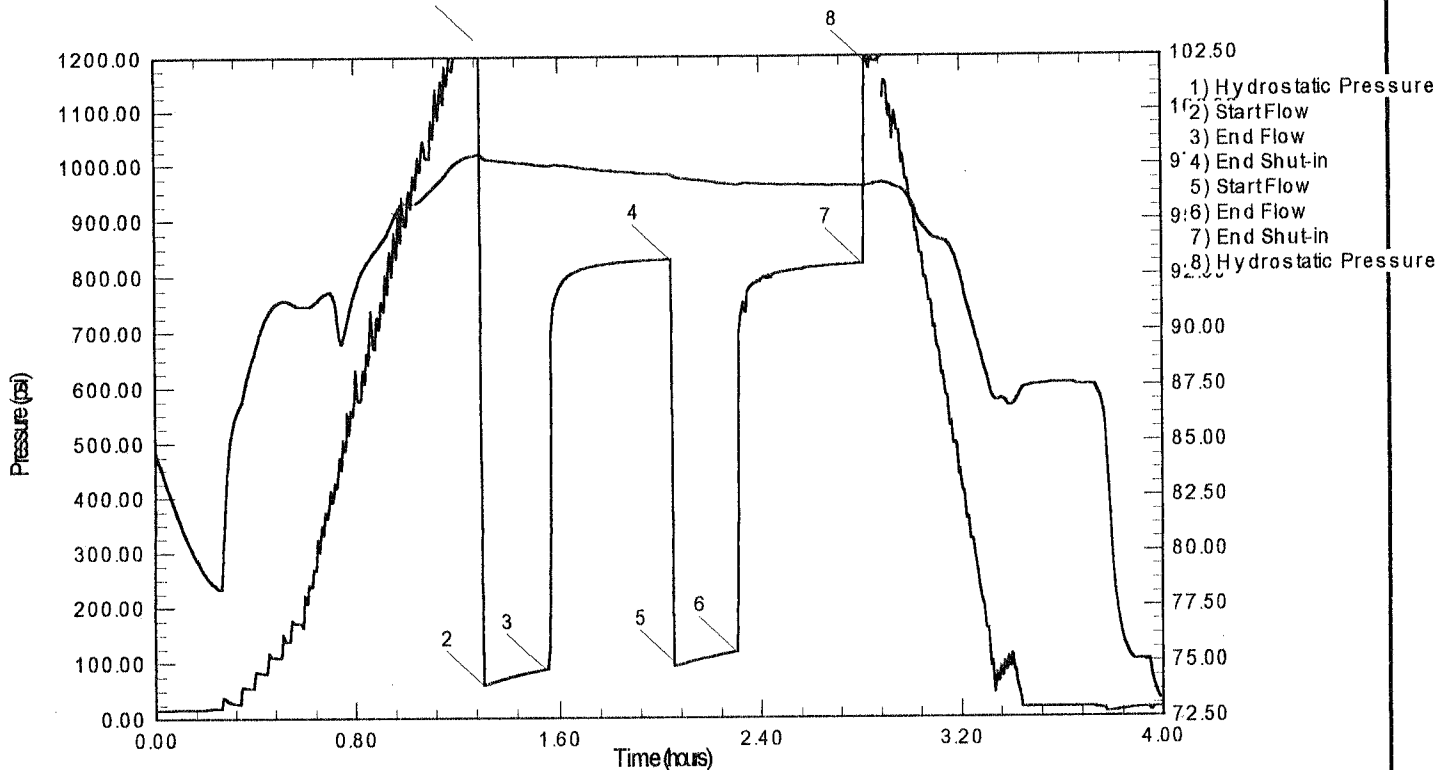
CHART DATA

(316) 792-6902

ORIGINAL

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

Test Date ..... July 19, 2002  
 Sec Town Range ..... 8-21S-14W  
 Report Number ..... 14074



- 1) Hydrostatic Pressure
- 2) Start Flow
- 3) End Flow
- 4) End Shut-in
- 5) Start Flow
- 6) End Flow
- 7) End Shut-in
- 8) Hydrostatic Pressure

**Field Reading**

(1)	Initial Hydrostatic Pressure	1234
(2)	Initial Flow Pressure	59
(3)	Final Initial Flow Pressure	89
(4)	Initial Shut-In Pressure	829
(5)	Initial Final Flow Pressure	95
(6)	Final Flow Pressure	119
(7)	Final Shut-In Pressure	821
(8)	Final Hydrostatic Pressure	1184

ELECTRONIC RECORDER DEPTH 2388 FT, RECORDER NUMBER 78225

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. DEBES #1-8 Test #: 3 Date: 7-19-2002 SEC. 8 TWP. 21S  
 RGE. 14W

# SUPERIOR TESTERS ENTERPRISES INC.

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

### GENERAL INFORMATION

COMPANY NAME .....	<b>F.G.HOLL COMPANY L.L.C.</b>	LEASE AND WELL NUMBER .....	<b>DEBES #1-8</b>
TEST DATE .....	<b>7/19/02</b>	FORMATION TESTED .....	<b>RED EAGLE</b>
SECTION-TOWN-RANGE .....	<b>8-21S-14W</b>	DRILL STEM TEST NUMBER .....	<b>3</b>
STATE .....	<b>KANSAS</b>	REPORT NUMBER .....	<b>14074</b>
COUNTY .....	<b>STAFFORD</b>	ELEVATION KELLY BUSHINGS .....	<b>1940</b>
ELEVATION GROUND LEVEL .....	<b>1931</b>	TESTING ENGINEER .....	<b>GENE BUDIG</b>
COMPANY REPRESENTATIVE .....	<b>BILL REE</b>		

### TOOL SETTING INFORMATION

TEST INTERVAL (From) .....	<b>2386</b>	TOP PACKER DEPTH .....	<b>2381-2386</b>
TEST INTERVAL (to) .....	<b>2411</b>	BOTTOM PACKER DEPTH .....	<b>2411</b>
ANCHOR LENGTH .....	<b>25</b>	NUMBER OF PACKERS .....	<b>2</b>
TOTAL DEPTH (ft) .....	<b>2443</b>	PACKER SIZE .....	<b>6 3/4</b>
		HOLE SIZE .....	<b>7 7/8</b>

### FLOW TIMES

<i>INITIAL OPEN</i>	
TOOL OPEN (from) .....	<b>5:15</b>
TOOL OPEN (to) .....	<b>5:30</b>
DURATION (min.) .....	<b>15</b>
<i>INITIAL SHUT-IN</i>	
TOOL CLOSED (from) .....	<b>5:30</b>
TOOL CLOSED (to) .....	<b>6:00</b>
DURATION (min.) .....	<b>30</b>
<i>FINAL OPEN</i>	
TOOL OPEN (from) .....	<b>6:00</b>
TOOL OPEN (to) .....	<b>6:15</b>
DURATION (min.) .....	<b>15</b>
<i>FINAL SHUT-IN</i>	
TOOL CLOSED (from) .....	<b>6:15</b>
TOOL CLOSED (to) .....	<b>6:45</b>
DURATION (min.) .....	<b>30</b>

### PRESSURE READINGS

INITIAL HYDROSTATIC .....	<b>1234</b>
INITIAL FLOW .....	<b>59</b>
FINAL INITIAL FLOW .....	<b>89</b>
INITIAL SHUT-IN .....	<b>829</b>
INITIAL FINAL FLOW .....	<b>95</b>
FINAL FLOW .....	<b>119</b>
FINAL SHUT-IN .....	<b>821</b>
FINAL HYDROSTATIC .....	<b>1184</b>
MAXIMUM TEMPERATURE .....	<b>98</b>
TOP RECORDER DEPTH .....	<b>2388</b>
RECORDER NUMBER .....	<b>78225</b>
BOTTOM RECORDER DEPTH .....	<b>2408</b>
RECORDER NUMBER .....	<b>5463</b>

INITIAL BLOW	<b>WEAK 1/4 INCH BLOW DECREASED TO A VERY WEAK INTERMITTANT BLOW</b>
FINAL BLOW	<b>NO BLOW</b>

### EXTRA EQUIPMENT

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

# SUPERIOR TESTERS ENTERPRISES INC.

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

### WELL INFORMATION

DRILLING CONTRACTOR ..... **STERLING DRILLING RIG #1**

DRILL PIPE LENGTH ..... **2111**

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

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

DRILL COLLAR LENGTH ..... **248**

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 ..... **9.4**

VISCOSITY ..... **34**

WATER LOSS ..... **12.8**

CHLORIDES-PITS ..... **60000**

CHLORIDES-DST ..... **66000**

FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	<b>150 THIN WATERY MUD CORIDES 66000</b>				
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					

**TOTAL RECOVERY**

### COMMENTS

# Superior Testers Enterprises, Inc. ORIGINAL

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

(316) 792-6902

Date 07-19-2002 Location 40 1/2 W 24 N 8 25-14 W Elevation 1940 K.B. County Stafford

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

Charts Mailed to 9431 East Central P.O. Box 780167, Wichita, Kansas 67278-01

Drilling Contractor STERLING Drilling Rig #1

Length Drill Pipe 2242 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X. H.

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

Length Drill Collars 248 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X. H.

Top Packer Depth 2512 Bottom Packer Depth 2517 Number of Packers 2 Packer Size 6-7/8

TESTED FROM 2517 TO 2647 ANCHOR LENGTH 130 TOTAL DEPTH 2647 Hole Size 7 7/8

LEASE & WELL NO. DOBES #1-8 FORMATION TESTED LAWRENCE SAND TEST NO. 4

Mud Weight 8.9 Viscosity 46 Water Loss 8.81 Chlorides - Pits 38000 D.S.T. \_\_\_\_\_

Maximum Temp. 98 °F Initial Hydrostatic Pressure (A) 1265 P.S.I. Final Hydrostatic Pressure (H) 1232 P.S.I.

Tool Open I.F.P. from 11:00 A.M. to 11:00 P.M. 15 min

from [B] <u>93</u> P.S.I. to [C] <u>101</u> P.S.I.
[D] <u>550</u> P.S.I.
from [E] <u>98</u> P.S.I. to [F] <u>106</u> P.S.I.
[G] <u>425</u> P.S.I.

Tool Closed I.C.I.P. from 11:15 P.M. to 11:45 P.M. 30 min

Tool Open F.F.P. from 11:45 P.M. to 12:00 A.M. 15 min

Tool Closed F.C.I.P. from 12:00 A.M. to 12:30 A.M. 30 min

Initial Blow WEAK to VERY WEAK intermittent SURFACE BLOW DIED IN 13 min

Final Blow NO BLOW

Total Feet Recovered 40 Gravity of Oil \_\_\_\_\_ Corrected

40 Feet of MUD % 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 \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

Remarks \_\_\_\_\_

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

Top Recorder No. 78225 Clock No. Electronic Depth 2640 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 47041 Depth 2644 Insurance NONE

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

Tool Operator Doni Sealing

Approved By \_\_\_\_\_

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.

№ 14075

**SUPERIOR TESTERS ENTERPRISES INC.**

Great Bend, Kansas

CHART DATA

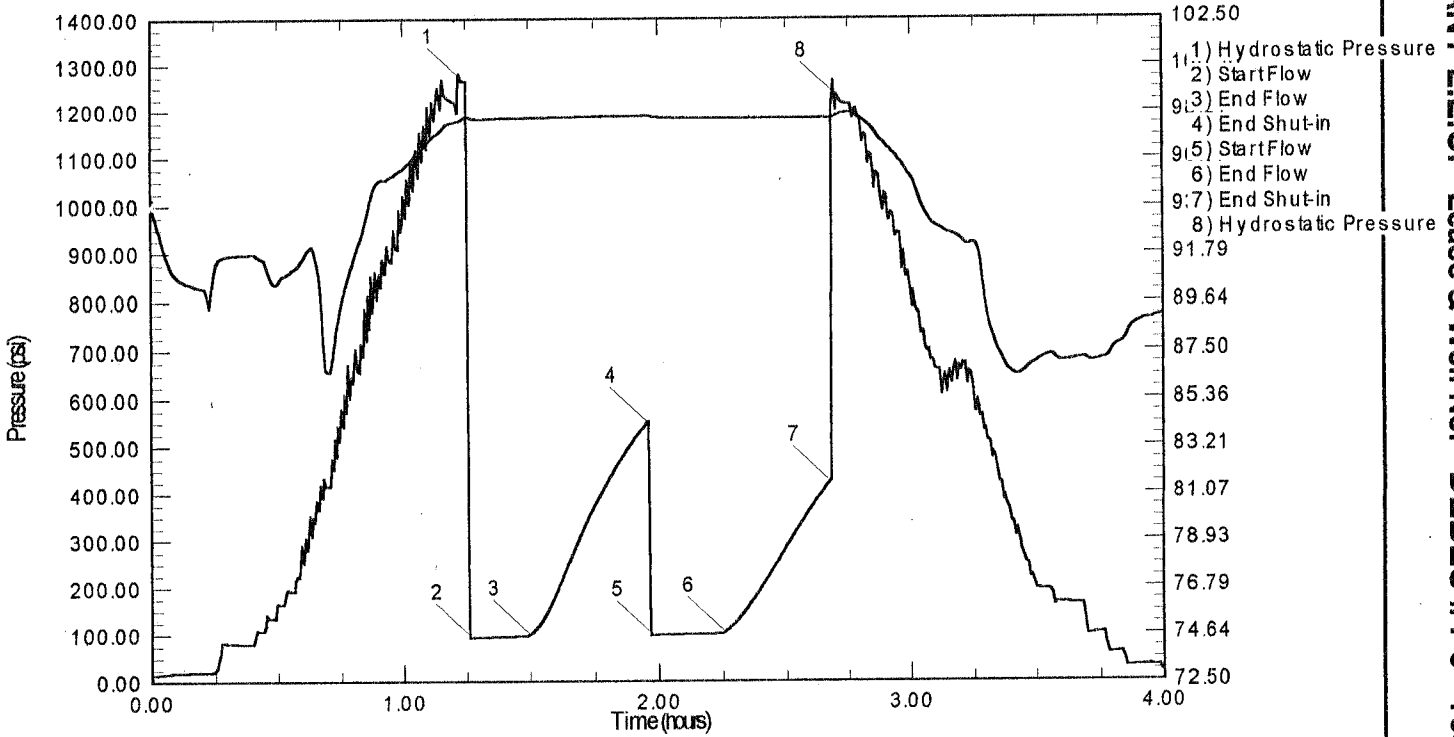
(316) 792-6902

ORIGINAL

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

Test Date ..... July 19, 2002  
 Sec Town Range ..... 8-21S-14W  
 Report Number ..... 14075

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. DEBES #1-8 Test #: 4 Date: 07-19-2002 SEC. 8 TWP.  
 21S RGE. 14W



**Field Reading**

(1)	Initial Hydrostatic Pressure	1265
(2)	Initial Flow Pressure	93
(3)	Final Initial Flow Pressure	101
(4)	Initial Shut-In Pressure	550
(5)	Initial Final Flow Pressure	98
(6)	Final Flow Pressure	106
(7)	Final Shut-In Pressure	425
(8)	Final Hydrostatic Pressure	1232

ELECTRONIC RECORDER DEPTH 2640 FT, RECORDER NUMBER 78225

# SUPERIOR TESTERS ENTERPRISES INC.

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

### GENERAL INFORMATION

COMPANY NAME .....	<b>F.GG.HOLL COMPANY L.L.C</b>	LEASE AND WELL NUMBER .....	<b>DEBES #1-8</b>
TEST DATE .....	<b>7/19/02</b>	FORMATION TESTED .....	<b>LANGDON SAND</b>
SECTION-TOWN-RANGE .....	<b>8-21S-14W</b>	DRILL STEM TEST NUMBER .....	<b>4</b>
STATE .....	<b>KANSAS</b>	REPORT NUMBER .....	<b>14075</b>
COUNTY .....	<b>STAFFORD</b>	ELEVATION KELLY BUSHINGS .....	<b>1940</b>
ELEVATION GROUND LEVEL .....	<b>1931</b>	TESTING ENGINEER .....	<b>GENE BUDIG</b>
COMPANY REPRESENTATIVE .....	<b>BILL REE</b>		

### TOOL SETTING INFORMATION

TEST INTERVAL (From) .....	<b>2517</b>	TOP PACKER DEPTH .....	<b>2512</b>
TEST INTERVAL (to) .....	<b>2647</b>	BOTTOM PACKER DEPTH .....	<b>2517</b>
ANCHOR LENGTH .....	<b>130</b>	NUMBER OF PACKERS .....	<b>2</b>
TOTAL DEPTH (ft) .....	<b>2647</b>	PACKER SIZE .....	<b>6 3/4</b>
		HOLE SIZE .....	<b>7 7/8</b>

### FLOW TIMES

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

### PRESSURE READINGS

INITIAL HYDROSTATIC .....	<b>1265</b>
INITIAL FLOW .....	<b>93</b>
FINAL INITIAL FLOW .....	<b>101</b>
INITIAL SHUT-IN .....	<b>550</b>
INITIAL FINAL FLOW .....	<b>98</b>
FINAL FLOW .....	<b>106</b>
FINAL SHUT-IN .....	<b>425</b>
FINAL HYDROSTATIC .....	<b>1232</b>
MAXIMUM TEMPERATURE .....	<b>98</b>
TOP RECORDER DEPTH .....	<b>2640</b>
RECORDER NUMBER .....	<b>78225</b>
BOTTOM RECORDER DEPTH .....	<b>2644</b>
RECORDER NUMBER .....	<b>5463</b>

INITIAL BLOW                    **WEAK TO VERY WEAK INTERMITTANT SURFACE BLOW THAT DIED IN  
13 MINUTES**

FINAL BLOW                    **NO BLOW**

### EXTRA EQUIPMENT

JARS .....	<b>YES</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>

# SUPERIOR TESTERS ENTERPRISES INC.

## DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (316)792-6902

### WELL INFORMATION

DRILLING CONTRACTOR ..... **STERLING DRILLING RIG #1**

DRILL PIPE LENGTH ..... **2242**

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

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

DRILL COLLAR LENGTH ..... **248**

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 ..... **8.9**

VISCOSITY ..... **46**

WATER LOSS ..... **8.8**

CHLORIDES-PITS ..... **3800**

CHLORIDES-DST .....

FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1) <b>40</b>	<b>DRILLING MUD</b>				
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					

TOTAL RECOVERY

### COMMENTS

# Superior Testers Enterprises, Inc.

# ORIGINAL

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

(316) 792-6902

Date 7-22-2002 Location 40 1/2 W 9 N 8-21-14 W Elevation 1940 KB County Stafford

Company F.C. Hall Company LLC Number of Copies 2

Charts Mailed to 9431 East Central P.O. Box 780167 Wichita Kansas 67278-0167

Drilling Contractor Stepping Drilling Co #1

Length Drill Pipe 3203 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 248 I.D. Drill Collars 223 Tool Joint Size 4 1/2 X 1 1/2

Top Packer Depth 3473 Bottom Packer Depth 3478 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3478 TO 3525 ANCHOR LENGTH 47 TOTAL DEPTH 3525 Hole Size 7 7/8"

LEASE & WELL NO. Debra # 1-8 FORMATION TESTED Kansas #1 TEST NO. 5

Mud Weight 9.2 Viscosity 47 Water Loss 10.4 Chlorides - Pits 2000 D.S.T. \_\_\_\_\_

Maximum Temp. 110 °F Initial Hydrostatic Pressure (A) 1799 P.S.I. Final Hydrostatic Pressure (H) 1656 P.S.I.

Tool Open I.F.P. from 7:30 AM to 7:45 AM 30 min

Tool Closed I.C.I.P. from 7:45 AM to 8:15 AM 30 min

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

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

Initial Blow weak surface blow for 10 minutes & DIED

Final Blow no blow

Total Feet Recovered 20 Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

20 Feet of Drilling Mud % 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 \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

Remarks \_\_\_\_\_

Extra Equipment - Jars none Safety Joint yes Extra Packer none Straddle yes Hook Wall none

Top Recorder No. 2825 Clock No. electronic Depth 75'11" Cir. Sub none Sampler none

Bottom Recorder No. 5463 Clock No. 42441 Depth 35'22" Insurance none

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

Tool Operator Don Sulley

Approved By \_\_\_\_\_

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from [B] 57 P.S.I. to [C] 60 P.S.I.  
[D] 1003 P.S.I.  
from [E] 65 P.S.I. to [F] 67 P.S.I.  
[G] 907 P.S.I.

NO 11876

**SUPERIOR TESTERS ENTERPRISES INC.**

Great Bend, Kansas

CHART DATA

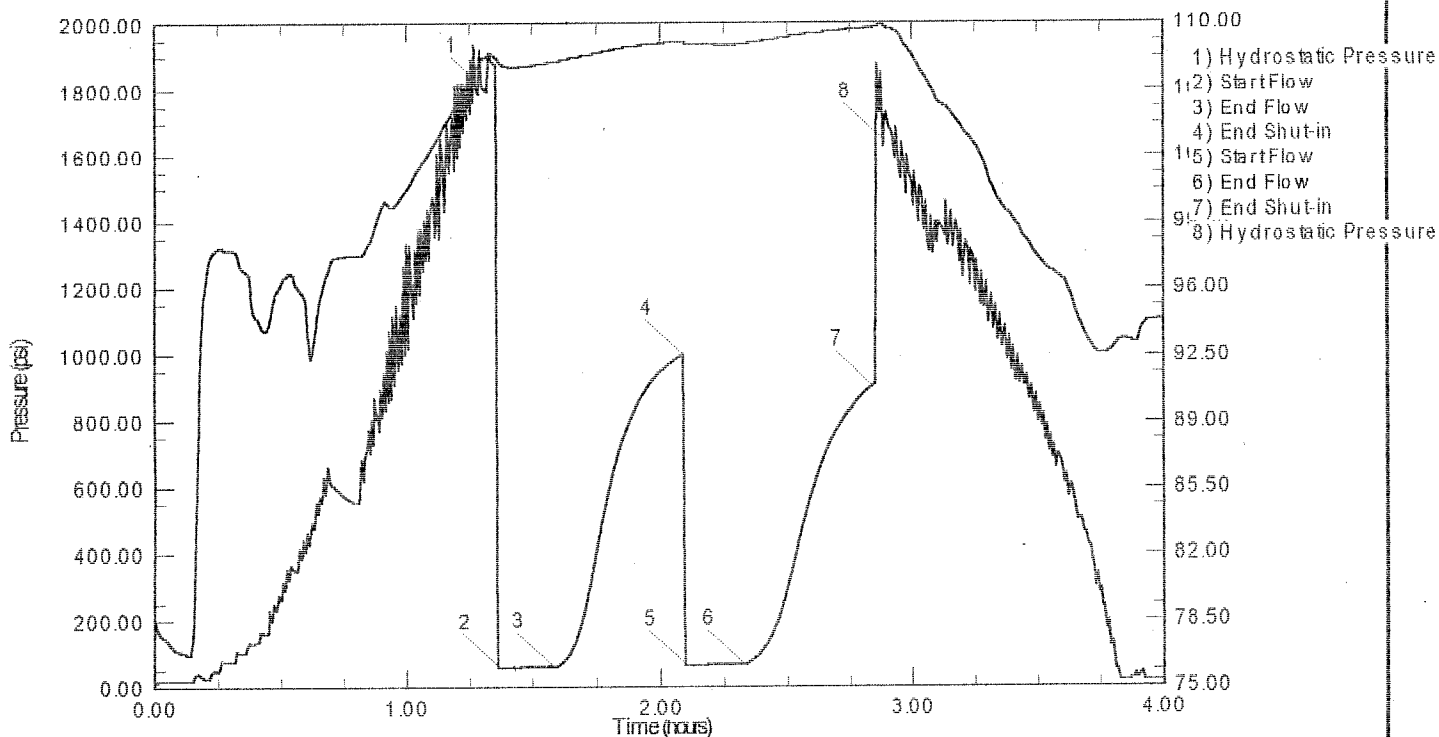
(316) 792-6902

ORIGINAL

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. DEBES #1-8 Test #: 5 Date: 7-22-2002 SEC. 8 TWP. 21S  
 RGE. 14W

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

Test Date ..... July 22, 2002  
 Sec Town Range ..... 8-21S-14W  
 Report Number ..... 11876



**Field Reading**

(1)	Initial Hydrostatic Pressure	1799
(2)	Initial Flow Pressure	57
(3)	Final Initial Flow Pressure	60
(4)	Initial Shut-In Pressure	1003
(5)	Initial Final Flow Pressure	65
(6)	Final Flow Pressure	67
(7)	Final Shut-In Pressure	907
(8)	Final Hydrostatic Pressure	1656

ELECTRONIC RECORDER DEPTH 3518 FT, RECORDER NUMBER 78225

**SUPERIOR TESTERS ENTERPRISES INC.**

**DRILL STEM TEST REPORT**

GREAT BEND, KANSAS 67530 (316)792-6902

**GENERAL INFORMATION**

COMPANY NAME	..... F.G.HOLL COMPANY L.L.C	LEASE AND WELL NUMBER	..... DEBES #1-8
TEST DATE	..... 7/22/02	FORMATION TESTED	..... KANSAS CITY
SECTION-TOWN-RANGE	..... 8-21S-14W	DRILL STEM TEST NUMBER	..... 5
STATE	..... KANSAS	REPORT NUMBER	..... 11876
COUNTY	..... STAFFORD	ELEVATION KELLY BUSHINGS	..... 1940
ELEVATION GROUND LEVEL	..... 1931	TESTING ENGINEER	..... GENE BUDIG
COMPANY REPRESENTATIVE	..... BILL REE		

**TOOL SETTING INFORMATION**

TEST INTERVAL (From)	..... 3478	TOP PACKER DEPTH	..... 3473
TEST INTERVAL (to)	..... 3525	BOTTOM PACKER DEPTH	..... 3473
ANCHOR LENGTH	..... 47	NUMBER OF PACKERS	..... 2
TOTAL DEPTH (ft)	..... 3525	PACKER SIZE	..... 6 3/4
		HOLE SIZE	..... 7 7/8

**FLOW TIMES**

*INITIAL OPEN*

TOOL OPEN (from)	..... 7:30
TOOL OPEN (to)	..... 7:45
DURATION (min.)	..... 15

*INITIAL SHUT-IN*

TOOL CLOSED (from)	..... 7:45
TOOL CLOSED (to)	..... 8:15
DURATION (min.)	..... 30

*FINAL OPEN*

TOOL OPEN (from)	..... 8:15
TOOL OPEN (to)	..... 8:30
DURATION (min.)	..... 15

*FINAL SHUT-IN*

TOOL CLOSED (from)	..... 8:30
TOOL CLOSED (to)	..... 9:00
DURATION (min.)	..... 30

**PRESSURE READINGS**

INITIAL HYDROSTATIC	..... 1799
INITIAL FLOW	..... 57
FINAL INITIAL FLOW	..... 60
INITIAL SHUT-IN	..... 1003
INITIAL FINAL FLOW	..... 65
FINAL FLOW	..... 67
FINAL SHUT-IN	..... 907
FINAL HYDROSTATIC	..... 1656
MAXIMUM TEMPERATURE	..... 110
TOP RECORDER DEPTH	..... 3518
RECORDER NUMBER	..... 78225
BOTTOM RECORDER DEPTH	..... 3522
RECORDER NUMBER	..... 5463

**INITIAL BLOW**

**WEAK SURFACE BLOW FOR 10 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

# SUPERIOR TESTERS ENTERPRISES INC.

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

### WELL INFORMATION

DRILLING CONTRACTOR ..... **STERLING DRILLING RIG #1**

DRILL PIPE LENGTH ..... **3203**

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

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

DRILL COLLAR LENGTH ..... **248**

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 ..... **9.3+**

VISCOSITY ..... **47**

WATER LOSS ..... **10.4**

CHLORIDES-PITS ..... **8000**

CHLORIDES-DST .....

FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	20 DRILLING MUD				
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					
TOTAL RECOVERY					

### COMMENTS

# Superior Testers Enterprises, Inc.

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

(316) 792-6902

# ORIGINAL

Date 7-23-2002 Location 4 1/2 W - 5/16 8-21-14 W Elevation 1940 KB. 193166 County Stafford

Company F.C. Hall Company L.L.C. Number of Copies 3

Charts Mailed to 9431 East Central, P.O. Box 280167, Wichita Kansas 67228-0167

Drilling Contractor Steelwing Drilling Rig #1

Length Drill Pipe 3286 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X. 11

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

Length Drill Collars 248 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X. 11

Top Packer Depth 3556 Bottom Packer Depth 3561 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3561 TO 3635 ANCHOR LENGTH 74 TOTAL DEPTH 3635 Hole Size 7 7/8

LEASE & WELL NO. Debis #1-8 FORMATION TESTED Kansas City - Hole TEST NO. 6

Mud Weight 9.35 Viscosity 47 Water Loss 10.7 Chlorides - Pits 8000 D.S.T. \_\_\_\_\_

Maximum Temp. 110 °F Initial Hydrostatic Pressure (A) 1854 P.S.I. Final Hydrostatic Pressure (H) 1785 P.S.I.

Tool Open I.F.P. from 2:15 Am to 2:30 Am 15 min

Tool Closed I.C.I.P. from 2:30 Am to 3:00 Am 30 min

Tool Open F.F.P. from 3:00 Am to 3:15 Am 15 min

Tool Closed F.C.I.P. from 3:35 Am to 3:45 Am 30 min

Initial Blow WEAK surface blow for 8 minutes & DIED

Final Blow no blow

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

<u>15</u> Feet of <u>Drilling Mud</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. 28225 Clock No. Electronic Depth 3628 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 47441 Depth 3632 Insurance NONE

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

Tool Operator Alan Budaj

Approved By N9 11877

from [B] <u>71</u> P.S.I. to [C] <u>76</u> P.S.I.
[D] <u>141</u> P.S.I.
from [E] <u>73</u> P.S.I. to [F] <u>77</u> P.S.I.
[G] <u>101</u> P.S.I.

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**SUPERIOR TESTERS ENTERPRISES INC.**

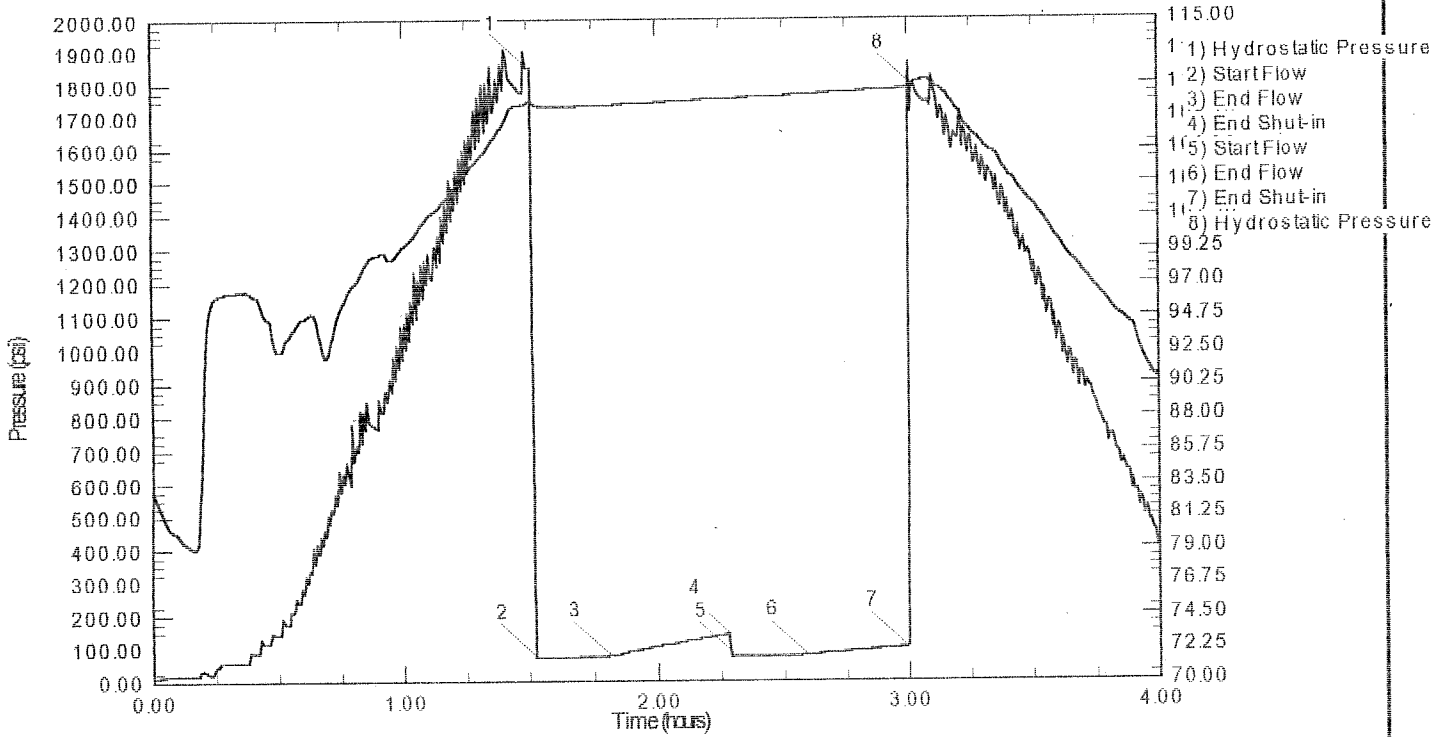
Great Bend, Kansas

CHART DATA ORIGINAL (316) 792-6902

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. DEBES #1-8 Test #: 6 Date: 7-23-2002 SEC. 8 TWP. 21S  
 RGE. 14W

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

Test Date ..... July 23, 3003  
 Sec Town Range ..... 8-21S-14W  
 Report Number ..... 11877



**Field Reading**

(1)	Initial Hydrostatic Pressure	1854
(2)	Initial Flow Pressure	71
(3)	Final Initial Flow Pressure	76
(4)	Initial Shut-In Pressure	141
(5)	Initial Final Flow Pressure	73
(6)	Final Flow Pressure	77
(7)	Final Shut-In Pressure	101
(8)	Final Hydrostatic Pressure	1785

ELECTRONIC RECORDER DEPTH 3628 FT, RECORDER NUMBER 78225

**SUPERIOR TESTERS ENTERPRISES INC.**

**DRILL STEM TEST REPORT**

GREAT BEND, KANSAS 67530 (316)792-6902

**GENERAL INFORMATION**

COMPANY NAME .....	<b>F.G.HOLL COMPANY L.L.C</b>	LEASE AND WELL NUMBER .....	<b>DEBES #1-8</b>
TEST DATE .....	<b>7/23/03</b>	FORMATION TESTED .....	<b>KANSAS CITY-VIOLA</b>
SECTION-TOWN-RANGE .....	<b>8-21S-14W</b>	DRILL STEM TEST NUMBER .....	<b>6</b>
STATE .....	<b>KANSAS</b>	REPORT NUMBER .....	<b>11877</b>
COUNTY .....	<b>STAFFORD</b>	ELEVATION KELLY BUSHINGS .....	<b>1940</b>
ELEVATION GROUND LEVEL .....	<b>1931</b>	TESTING ENGINEER .....	<b>GENE BUDIG</b>
COMPANY REPRESENTATIVE .....	<b>BILL REE</b>		

**TOOL SETTING INFORMATION**

TEST INTERVAL (From) .....	<b>3561</b>	TOP PACKER DEPTH .....	<b>3556</b>
TEST INTERVAL (to) .....	<b>3635</b>	BOTTOM PACKER DEPTH .....	<b>3561</b>
ANCHOR LENGTH .....	<b>74</b>	NUMBER OF PACKERS .....	<b>2</b>
TOTAL DEPTH (ft) .....	<b>3635</b>	PACKER SIZE .....	<b>6 3/4</b>
		HOLE SIZE .....	<b>7 7/8</b>

**FLOW TIMES**

*INITIAL OPEN*

TOOL OPEN (from) .....	<b>2:15</b>
TOOL OPEN (to) .....	<b>2:30</b>
DURATION (min.) .....	<b>15</b>

*INITIAL SHUT-IN*

TOOL CLOSED (from) .....	<b>2:30</b>
TOOL CLOSED (to) .....	<b>3:00</b>
DURATION (min.) .....	<b>30</b>

*FINAL OPEN*

TOOL OPEN (from) .....	<b>3:00</b>
TOOL OPEN (to) .....	<b>3:15</b>
DURATION (min.) .....	<b>15</b>

*FINAL SHUT-IN*

TOOL CLOSED (from) .....	<b>3:15</b>
TOOL CLOSED (to) .....	<b>3:45</b>
DURATION (min.) .....	<b>30</b>

**PRESSURE READINGS**

INITIAL HYDROSTATIC .....	<b>1854</b>
INITIAL FLOW .....	<b>71</b>
FINAL INITIAL FLOW .....	<b>76</b>
INITIAL SHUT-IN .....	<b>141</b>
INITIAL FINAL FLOW .....	<b>73</b>
FINAL FLOW .....	<b>77</b>
FINAL SHUT-IN .....	<b>101</b>
FINAL HYDROSTATIC .....	<b>1785</b>
MAXIMUM TEMPERATURE .....	<b>110</b>
TOP RECORDER DEPTH .....	<b>3628</b>
RECORDER NUMBER .....	<b>78225</b>
BOTTOM RECORDER DEPTH .....	<b>2632</b>
RECORDER NUMBER .....	<b>5463</b>

**INITIAL BLOW WEAK BLOW FOR 8 MINUTES AND DUE D**

**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>

**SUPERIOR TESTERS ENTERPRISES INC.**

**DRILL STEM TEST REPORT**

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**WELL INFORMATION**

DRILLING CONTRACTOR ..... **STERLING DRILLING RIG #1**

DRILL PIPE LENGTH ..... **3286**

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

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

DRILL COLLAR LENGTH ..... **248**

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 ..... **9.3+**

VISCOSITY ..... **47**

WATER LOSS ..... **10.4**

CHLORIDES-PITS ..... **8000**

CHLORIDES-DST .....

FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	DRILLING MUD				
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					

TOTAL RECOVERY

**COMMENTS**