

F.G. Hall Co.
Vosburgh 1-22

22-24s-15w
15-185-23245

Superior Testers Enterprises, Inc.

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

Date 04-13-2004 Location S 1/4 - 1/4 22-24s-15w Elevation 2036 KB County Stafford

Company F.G. Hall Company LLC Number of Copies 5

Charts Mailed to 6431 East Central Suite 100 Wichita Kansas 67206-2543

Drilling Contractor Duke Drilling Rig #1

Length Drill Pipe 3925 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 NONE I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 11

Top Packer Depth 3941 Bottom Packer Depth 3946 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3946 TO 3981 ANCHOR LENGTH 3981 TOTAL DEPTH 3981 Hole Size 7 7/8

LEASE & WELL NO. Vosburgh #1-22 FORMATION TESTED Kansas City TEST NO. 1

Mud Weight 9.4 Viscosity 56 Water Loss 9.4 Chlorides - Pits 8000 D.S.T. _____

Maximum Temp. 104 °F Initial Hydrostatic Pressure (A) 2076 P.S.I. Final Hydrostatic Pressure (H) 1932 P.S.I.

Tool Open I.F.P. from 3:20 p.m. to 3:35 p.m. 15 min

Tool Closed I.C.I.P. from 3:35 p.m. to 4:05 p.m. 30 min

Tool Open F.F.P. from 4:05 p.m. to 4:20 p.m. 15 min

Tool Closed F.C.I.P. from 4:20 p.m. to 5:50 p.m. 30 min

Initial Blow Weak blow for 4 minutes & die

Final Blow No blow

Total Feet Recovered 25 Gravity of Oil _____ Corrected _____

25 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 _____

Remarks _____

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

Top Recorder No. 91981 Clock No. ELECTRONIC Depth 3977 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13208 Clock No. 47441 Depth 3978 Insurance NONE

Price of Job _____

Tool Operator Dane Rudy

Approved By _____

No 12524

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

SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

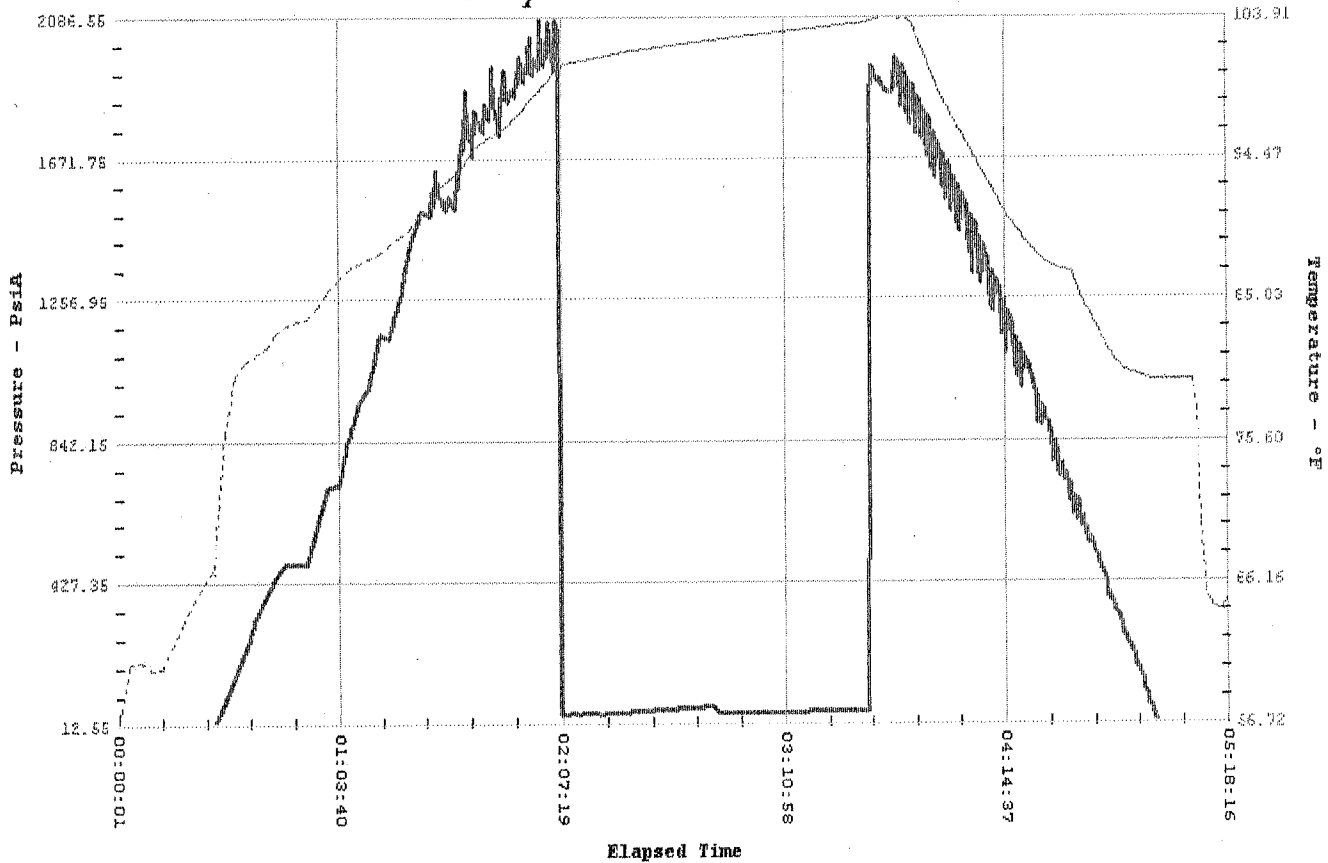
CHART DATA

(316) 792-6902

State KANSAS
County STAFFORD
Field

Test Date April 13, 2004
Sec Town Range 22-24S-15W
Report Number 12524

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. VLSBURG #1-22 Test #: 1 Date: 04-13-2004 SEC. 22
TWP. 24S RGE. 15W

Temperature / Pressure Data**Field Reading**

(1)	Initial Hydrostatic Pressure	2076
(2)	Initial Flow Pressure	43
(3)	Final Initial Flow Pressure	44
(4)	Initial Shut-In Pressure	65
(5)	Initial Final Flow Pressure	45
(6)	Final Flow Pressure	46
(7)	Final Shut-In Pressure	54
(8)	Final Hydrostatic Pressure	1937

ELECTRONIC RECORDER DEPTH 3977 FT, RECORDER NUMBER 91981

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	VOSVURG #1-22
TEST DATE	4/13/2004	FORMATION TESTED	KANSAS CITY
SECTION-TOWN-RANGE	22-24S-15W	DRILL STEM TEST NUMBER	1
STATE	KANSAS	REPORT NUMBER	12524
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	2036
ELEVATION GROUND LEVEL	2025	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	BILL REE		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	3946	TOP PACKER DEPTH	3941
TEST INTERVAL (to)	3981	BOTTOM PACKER DEPTH	3946
ANCHOR LENGTH	35	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	3981	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

<i>INITIAL OPEN</i>	
TOOL OPEN (from)	3:20
TOOL OPEN (to)	3:35
DURATION (min.)	15
<i>INITIAL SHUT-IN</i>	
TOOL CLOSED (from)	3:35
TOOL CLOSED (to)	4:05
DURATION (min.)	30
<i>FINAL OPEN</i>	
TOOL OPEN (from)	4:05
TOOL OPEN (to)	4:20
DURATION (min.)	15
<i>FINAL SHUT-IN</i>	
TOOL CLOSED (from)	4:20
TOOL CLOSED (to)	4:50
DURATION (min.)	30

PRESSURE READINGS

INITIAL HYDROSTATIC	2076
INITIAL FLOW	43
FINAL INITIAL FLOW	44
INITIAL SHUT-IN	65
INITIAL FINAL FLOW	45
FINAL FLOW	46
FINAL SHUT-IN	54
FINAL HYDROSTATIC	1937
MAXIMUM TEMPERATURE	104
TOP RECORDER DEPTH	3977
RECORDER NUMBER	91981
BOTTOM RECORDER DEPTH	3978
RECORDER NUMBER	13208

INITIAL BLOW

WEAK BLOW FOR 4 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 **DUKE DRILLING RIG #1**

DRILL PIPE LENGTH **3925**

DRILL PIPE I.D. **3.8**

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

DRILL COLLAR LENGTH

DRILL COLLAR I.D. **2.25**

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

WEIGHT PIPE LENGTH

WEIGHT PIPE I.D. **2.25**

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

MUD WEIGHT #/GAL **9.4**

VISCOSITY **56**

WATER LOSS **9.6**

CHLORIDES-PITS **8000**

CHLORIDES-DST

FEET OF RECOVERY		RECOVERY DECIPTION	% GAS	% OIL	% MUD	% WATER
1)	25	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

Date 04-15-2004 Location SW 1/4 22-24-15 W Elevation 2036 KB County Shannon

Company F.G. Hall Company LLC Number of Copies 5

Charts Mailed to 6431 East Central Suite 100 Wichita, Kansas 67206-2543

Drilling Contractor Duke Drilling Co #1

Length Drill Pipe 4303 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 NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 4319 Bottom Packer Depth 4324 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4324 TO 4362 ANCHOR LENGTH 38 TOTAL DEPTH 4362 Hole Size 7 7/8"

LEASE & WELL NO. Vasburg # 1-22 FORMATION TESTED SIMPSON TEST NO. 2

Mud Weight 9.4 Viscosity 54 Water Loss 10.4 Chlorides - Pits 7500 D.S.T. 32000

Maximum Temp. 122 °F Initial Hydrostatic Pressure (A) 2172 P.S.I. Final Hydrostatic Pressure (H) 2092 P.S.I.

Tool Open I.F.P. from 10:15 A.m. to 10:45 A.m. 30 min

Tool Closed I.C.I.P. from 10:45 A.m. to 11:30 A.m. 45 min

Tool Open F.F.P. from 11:30 A.m. to 12:45 P.m. 45 min

Tool Closed F.C.I.P. from 12:45 P.m. to 2:15 P.m. 90 min

Initial Blow WEAK building blow built to the bottom of a 5 gallon bucket in 30 min.

Final Blow WEAK building blow built to the bottom of a 5 gallon bucket in 25 min.

Total Feet Recovered 425 Gravity of Oil _____ Corrected _____

125 Feet of SETTLE water mud with a show of 9 1/2% Gas _____ % Oil _____ % Mud _____ % Water

300 Feet of SUGARLY muddy water with a show of 9 1/2% Gas _____ % Oil _____ % Mud _____ % Water

Feet of CHLORIDES 32000 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. 91981 Clock No. Electronic Depth 4358 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13202 Clock No. 4144 Depth 4359 Insurance NONE

Price of Job _____

Tool Operator Gene Budig

Approved By _____

NO 12525

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SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

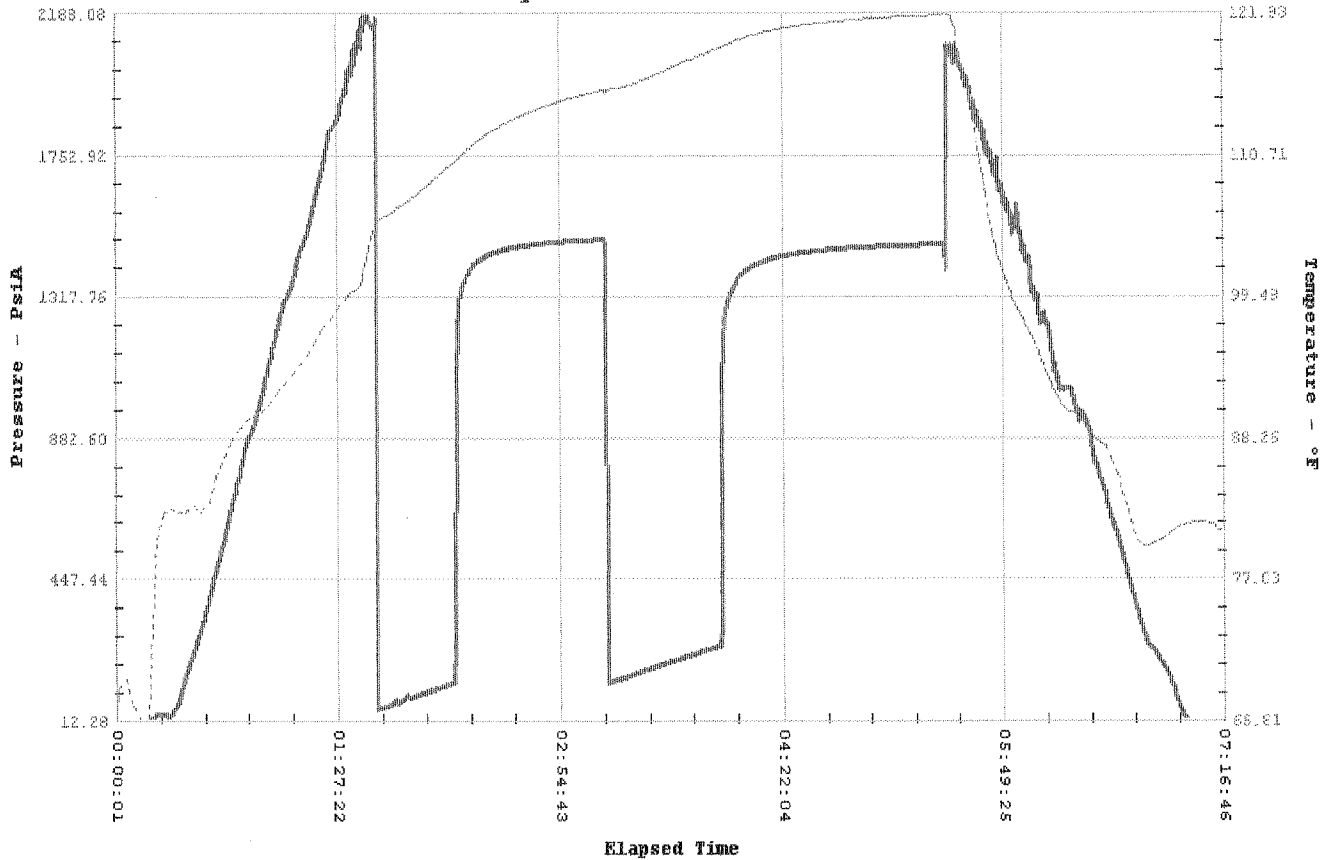
CHART DATA

(316) 792-6902

State KANSAS
County STAFFORD
Field

Test Date April 15, 2004
Sec Town Range 22-24S-15W
Report Number 12525

Temperature / Pressure Data



Field Reading

(1)	Initial Hydrostatic Pressure	2172
(2)	Initial Flow Pressure	47
(3)	Final Initial Flow Pressure	129
(4)	Initial Shut-In Pressure	1493
(5)	Initial Final Flow Pressure	130
(6)	Final Flow Pressure	244
(7)	Final Shut-In Pressure	1478
(8)	Final Hydrostatic Pressure	2092

ELECTRONIC RECORDER DEPTH 4358 FT, RECORDER NUMBER 91981

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	VOSBURG #1-22
TEST DATE	4/15/2004	FORMATION TESTED	SIMPSON
SECTION-TOWN-RANGE	22-24S-15W	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	12525
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	2036
ELEVATION GROUND LEVEL	2025	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	BILL REE		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	4324	TOP PACKER DEPTH	4319
TEST INTERVAL (to)	4362	BOTTOM PACKER DEPTH	4324
ANCHOR LENGTH	38	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	4362	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from)

TOOL OPEN (to)

DURATION (min.)

INITIAL SHUT-IN

TOOL CLOSED (from)

TOOL CLOSED (to)

DURATION (min.)

FINAL OPEN

TOOL OPEN (from)

TOOL OPEN (to)

DURATION (min.)

FINAL SHUT-IN

TOOL CLOSED (from)

TOOL CLOSED (to)

DURATION (min.)

PRESSURE READINGS

INITIAL HYDROSTATIC

INITIAL FLOW

FINAL INITIAL FLOW

INITIAL SHUT-IN

INITIAL FINAL FLOW

FINAL FLOW

FINAL SHUT-IN

FINAL HYDROSTATIC

MAXIMUM TEMPERATURE

TOP RECORDER DEPTH

RECORDER NUMBER

BOTTOM RECORDER DEPTH

RECORDER NUMBER

INITIAL BLOW

WEAK BUILDING BLOW BUILT TO THE BOTTOM OF 5 GALLON BUCKET IN 30 MINUTES

FINAL BLOW

WEAK BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 25 MINUTES

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 **DUKE DRILLING RIG #1**

DRILL PIPE LENGTH **4303**

DRILL PIPE I.D. **3.8**

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

DRILL COLLAR LENGTH

DRILL COLLAR I.D. **2.25**

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

WEIGHT PIPE LENGTH

WEIGHT PIPE I.D. **2.25**

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

MUD WEIGHT #/GAL **9.4**

VISCOSITY **54**

WATER LOSS **10.4**

CHLORIDES-PITS **7500**

CHLORIDES-DST **32000**

FEET OF RECOVERY		RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	125	WATERY MUD WITH A SLIGHT SHOW OF OIL SLIGHTLY MUDDY WATER WITH A SLIGHT SHOW OF OIL CHLORIDES-32000				
2)	300					
3)						
4)						
5)						
6)						
7)						
8)						
9)						
10)						
11)						
12)						
13)						
14)						
15)						
		TOTAL RECOVERY				

COMMENTS