

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 11-16-2004 Location 1900 E. 14th Ave 2-27-15 W Elevation 1975ft County RAWL

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

Parts Mailed to 9431 East Central Suite 100 Wichita Kansas 67206-2543

Drilling Contractor Duke Drilling Rig #8

Length Drill Pipe 2691 I.D. Drill Pipe 5.80 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 NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 2707 Bottom Packer Depth 2712 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 2712 TO 2740 ANCHOR LENGTH 28 TOTAL DEPTH 2740 Hole Size 7 7/8"

EASE & WELL NO. BLACKWELL #1-2 FORMATION TESTED LAWDON SAND TEST NO. 1

Mud Weight 8.7 Viscosity 58 Water Loss 7.7 Chlorides - Pits 5200 D.S.T. _____

Maximum Temp. 86 °F Initial Hydrostatic Pressure (A) 1328 P.S.I. Final Hydrostatic Pressure (H) 1278 P.S.I.

Tool Open I.F.P. from 4:30 AM to 4:45 AM 15 min

Tool Closed I.C.I.P. from 4:45 AM to 5:15 AM 30 min

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

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

from [B] <u>36</u> P.S.I. to [C] <u>55</u> P.S.I.
[D] <u>163</u> P.S.I.
from [E] <u>56</u> P.S.I. to [F] <u>58</u> P.S.I.
[G] <u>126</u> P.S.I.

Initial Blow OPENED tool 3-4 bubble & DIED flushed tool picked up some mud

Final Blow NO blow - flushed tool - GOOD SURGE NO HELP

Total Feet Recovered 40 Gravity of Oil _____ Corrected _____

<u>40</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 YES Safety Joint YES Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 91981 Clock No. Electron Depth 2736 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13207 Clock No. 47441 Depth 2737 Insurance NONE

Price of Job _____

Tool Operator Don Sully

Approved By _____

No. 12253

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

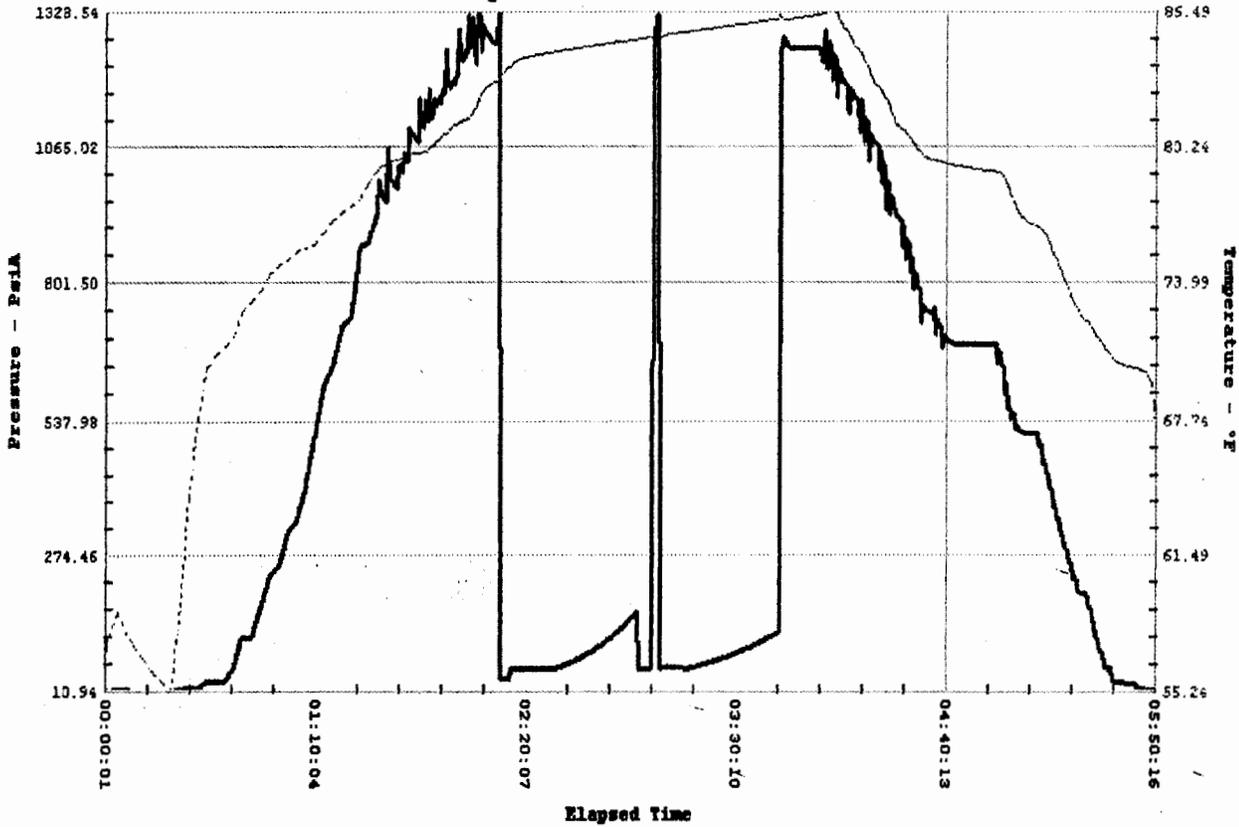
(316) 792-6902

State KANSAS
County PAWNEE
Field

Test Date November 16, 2004
Sec Town Range 2-22S-15W
Report Number 12253

Company: **F.G.HOLL COMPANY L.L.C.** Lease & Well No. **BLACKWELL #1-2** Test #: **1** Date: **11-16-2004** SEC. **2** TWP. **22S RGE. 15W**

Temperature / Pressure Data



Field Reading

(1)	Initial Hydrostatic Pressure	1328
(2)	Initial Flow Pressure	36
(3)	Final Initial Flow Pressure	55
(4)	Initial Shut-In Pressure	163
(5)	Initial Final Flow Pressure	56
(6)	Final Flow Pressure	58
(7)	Final Shut-In Pressure	126
(8)	Final Hydrostatic Pressure	1278

ELECTRONIC RECORDER DEPTH 2736 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	BLACKWELL #1-2
TEST DATE	11/16/2004	FORMATION TESTED	LANGDON SAND
SECTION-TOWN-RANGE	2-22S-15W	DRILL STEM TEST NUMBER	1
STATE	KANSAS	REPORT NUMBER	12253
COUNTY	PAWNEE	ELEVATION KELLY BUSHINGS	1975
ELEVATION GROUND LEVEL	1964	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	BILL REE		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	2712	TOP PACKER DEPTH	2707
TEST INTERVAL (to)	2740	BOTTOM PACKER DEPTH	2712
ANCHOR LENGTH	28	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	2740	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

OPENED TOOL 3-4 BUBBLES AND DIED FLUSHED TOOL MUD DROPPED APPROX 20 FEET DOWN THE HOLE PICKED UP SOME DRILLING MUD BLEED THE BLOW OFF AND BLOW WAS DEAD

FINAL BLOW

NO BLOW 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

45 ROUND TRIP MILES FROM GREAT BEND

SUPERIOR TESTERS ENTERPRISES INC.
DRILL STEM TEST REPORT
 GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR **DUKE DRILLING RIG #8**

DRILL PIPE LENGTH **2691**

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 **8.7**

VISCOSITY **58**

WATER LOSS **7.2**

CHLORIDES-PITS **5200**

CHLORIDES-DST

FEET OF RECOVERY		RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	40	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

654-3202

Date 11-18-2004 Location 1980/470 F.W. FEL 2-22-15^w Elevation 1964.6L County Lawrence

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

Charts Mailed to 9431 East Central Suite 100 Wichita Kansas 67206-2543

Drilling Contractor Duke Drilling Co #8

Length Drill Pipe 3581 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 None I.D. Drill Collars None Tool Joint Size None

Top Packer Depth 3697 Bottom Packer Depth 3602 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3602 TO 3622 ANCHOR LENGTH 20 TOTAL DEPTH 3622 Hole Size 7 7/8"

EASE & WELL NO. Blackwell #1-2 FORMATION TESTED Kansas City #11 TEST NO. 2

Mud Weight 9.5 Viscosity 42 Water Loss 11.7 Chlorides - Pits 6000 D.S.T. _____

Maximum Temp. 96 °F Initial Hydrostatic Pressure (A) 1803 P.S.I. Final Hydrostatic Pressure (H) 1737 P.S.I.

Tool Open I.F.P. from 4:45 p.m. to 5:00 p.m. 15 min

Tool Closed I.C.I.P. from 5:00 p.m. to 5:30 p.m. 30 min

Tool Open F.F.P. from 5:30 p.m. to 5:45 p.m. 15 min

Tool Closed F.C.I.P. from 5:45 p.m. to 6:15 p.m. 30 min

Initial Blow Weak blow for 6 minutes & Died

Final Blow No Blow

Total Feet Recovered 5 Gravity of Oil _____ Corrected _____

5 Feet of Drilling Mud Spots between the _____ % Gas _____ % Oil _____ % Mud _____ % Water

_____ Feet of tools _____ % 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. 91981 Clock No. Electron Depth 3618 Cir. Sub None Sampler None

Bottom Recorder No. 13208 Clock No. 4241 Depth 3619 Insurance None

Price of Job _____

Tool Operator Samuel

Approved By _____

NO 12254

from [B]	<u>33</u>	P.S.I. to [C]	<u>35</u>	P.S.I.
[D]	<u>76</u>			P.S.I.
from [E]	<u>36</u>	P.S.I. to [F]	<u>36</u>	P.S.I.
[G]	<u>56</u>			P.S.I.

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SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

CHART DATA

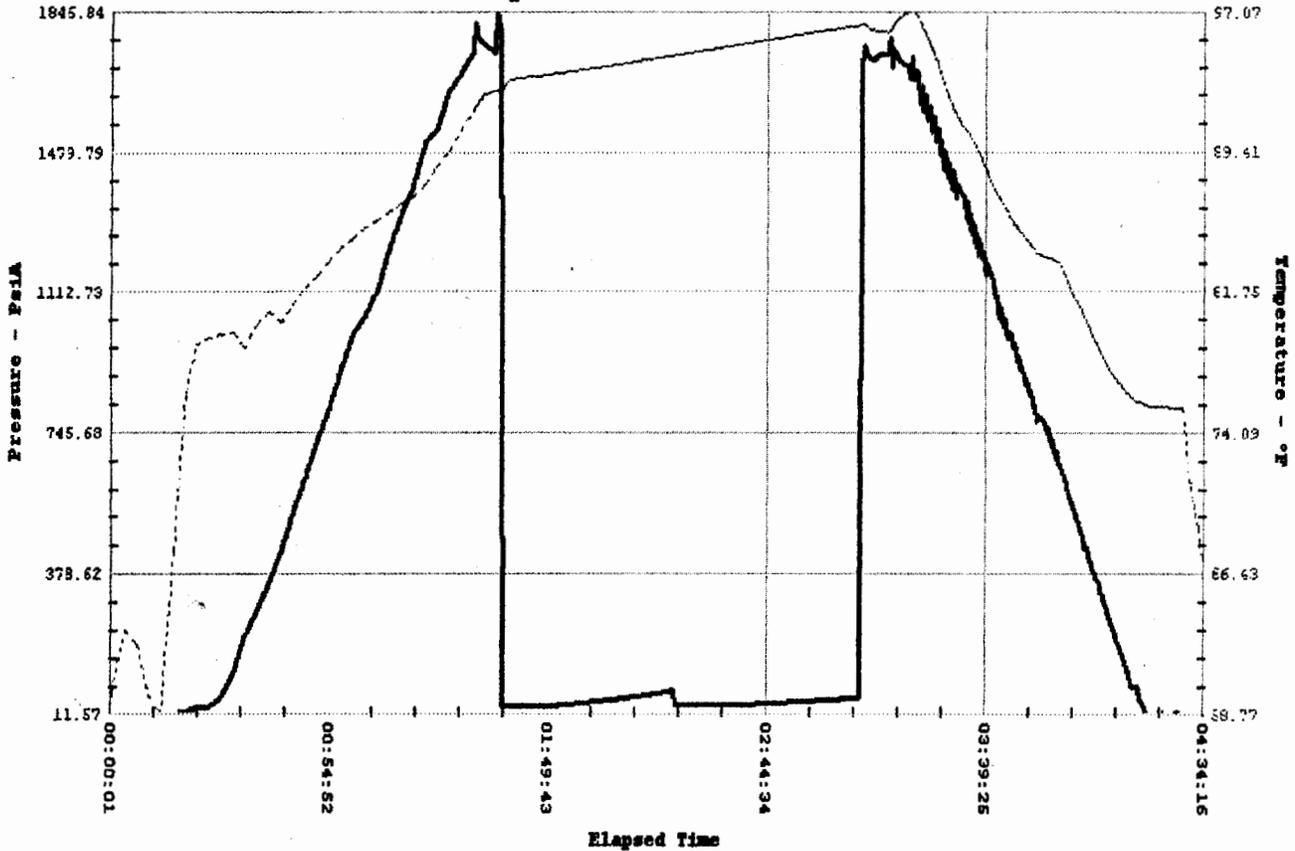
(316) 792-6902

State KANSAS
 County PAWNEE
 Field

Test Date November 18, 2004
 Sec Town Range 2-22S-15W
 Report Number 12254

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. BLACKWELL #1-2 Test #: 2 Date: 11-18-2004 SEC. 2
 TWP .22S RGE. 15W

Temperature / Pressure Data



Field Reading

(1)	Initial Hydrostatic Pressure	1803
(2)	Initial Flow Pressure	33
(3)	Final Initial Flow Pressure	35
(4)	Initial Shut-In Pressure	76
(5)	Initial Final Flow Pressure	36
(6)	Final Flow Pressure	36
(7)	Final Shut-In Pressure	56
(8)	Final Hydrostatic Pressure	1753

ELECTRONIC RECORDER DEPTH 3618 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.COMPANY L.L.C.	LEASE AND WELL NUMBER	BLACKWELL #1-2
TEST DATE	11/18/2004	FORMATION TESTED	KANSAS CITY"H"
SECTION-TOWN-RANGE	2-22S-15W	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	12254
COUNTY	PAWNEE	ELEVATION KELLY BUSHINGS	1975
ELEVATION GROUND LEVEL	1964	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	BILL REE		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	3602	TOP PACKER DEPTH	3597
TEST INTERVAL (to)	3622	BOTTOM PACKER DEPTH	3602
ANCHOR LENGTH	20	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	3622	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) **4:45**
 TOOL OPEN (to) **5:00**
 DURATION (min.) **15**

INITIAL SHUT-IN

TOOL CLOSED (from) **5:00**
 TOOL CLOSED (to) **5:30**
 DURATION (min.) **30**

FINAL OPEN

TOOL OPEN (from) **5:30**
 TOOL OPEN (to) **5:45**
 DURATION (min.) **15**

FINAL SHUT-IN

TOOL CLOSED (from) **5:45**
 TOOL CLOSED (to) **6:15**
 DURATION (min.) **30**

PRESSURE READINGS

INITIAL HYDROSTATIC **1803**
 INITIAL FLOW **33**
 FINAL INITIAL FLOW **35**
 INITIAL SHUT-IN **76**
 INITIAL FINAL FLOW **36**
 FINAL FLOW **36**
 FINAL SHUT-IN **56**
 FINAL HYDROSTATIC **1753**

MAXIMUM TEMPERATURE **96**

TOP RECORDER DEPTH **3618**
 RECORDER NUMBER **91981**
 BOTTOM RECORDER DEPTH **3619**
 RECORDER NUMBER **13208**

INITIAL BLOW **WEAK BLOW FOR 6 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

ROUND TRIP MILES FROM

SUPERIOR TESTERS ENTERPRISES INC.
DRILL STEM TEST REPORT
 GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR **DUKE DRILLING RIG #8**

DRILL PIPE LENGTH **3581**

DRILL PIPE I.D. **3.8**

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

DRILL COLLAR LENGTH

DRILL COLLAR I.D. **2.25**

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

WEIGHT PIPE LENGTH

WEIGHT PIPE I.D. **2.25**

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

MUD WEIGHT #GAL **9.5**

VISCOSITY **42**

WATER LOSS **11.2**

CHLORIDES-PITS **6000**

CHLORIDES-DST

FEET OF RECOVERY		RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	5	DRILLING MUD WITH SPOTS OF OIL BETWEEN THE TOOLS				
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 11-19-2004 Location 1989 FNL 479/REL 2-22-15^S W Elevation 1975 KB, 1904 GL County PAWNEE

Company F.C. Hall Company Number of Copies 5

Parts Mailed to 9431 East Terrace Central Suite 100, Wichita, Kansas 67206

Drilling Contractor Duke Drilling & Rig #8

Length Drill Pipe 3695 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 2711 Bottom Packer Depth 3716 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3716 TO 3828 ANCHOR LENGTH 112 TOTAL DEPTH 3828 Hole Size 7 7/8"

EASE & WELL NO. Blockwell #1-2 FORMATION TESTED Sida TEST NO. 3

Liquid Weight 46 Viscosity 94 Water Loss 11.4 Chlorides - Pits 6400 D.S.T. _____

Maximum Temp. 104 °F Initial Hydrostatic Pressure (A) 1745 P.S.I. Final Hydrostatic Pressure (H) 1881 P.S.I.

Tool Open I.F.P. from 4:15 p.m. to 4:45 p.m. 30 min

Tool Closed I.C.I.P. from 4:45 p.m. to 5:45 p.m. 60 min

Tool Open F.F.P. from 5:45 p.m. to 6:00 p.m. 15 min

Tool Closed F.C.I.P. from 6:00 p.m. to 6:30 p.m. 13 min

from [B] <u>83</u> P.S.I. to [C] <u>87</u> P.S.I.
[D] <u>314</u> P.S.I.
from [E] <u>87</u> P.S.I. to [F] <u>87</u> P.S.I.
[G] <u>171</u> P.S.I.

Initial Blow WEAK SURFACE BLOW FOR 12 MINUTES DECREASED TO A INTERMITTENT BLEW

Final Blow NO BLOW

Total Feet Recovered 15 Gravity of Oil _____ Corrected _____

15 Feet of MUD WITH A SLIGHT SHOW % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of BETWEEN THE TOOLS % 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. 49198 Clock No. Mechanic Depth 3824 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 19088 Clock No. 47441 Depth 3825 Insurance NONE

Price of Job _____

Tool Operator Gene Budy

Approved By _____

No. 12255

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SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

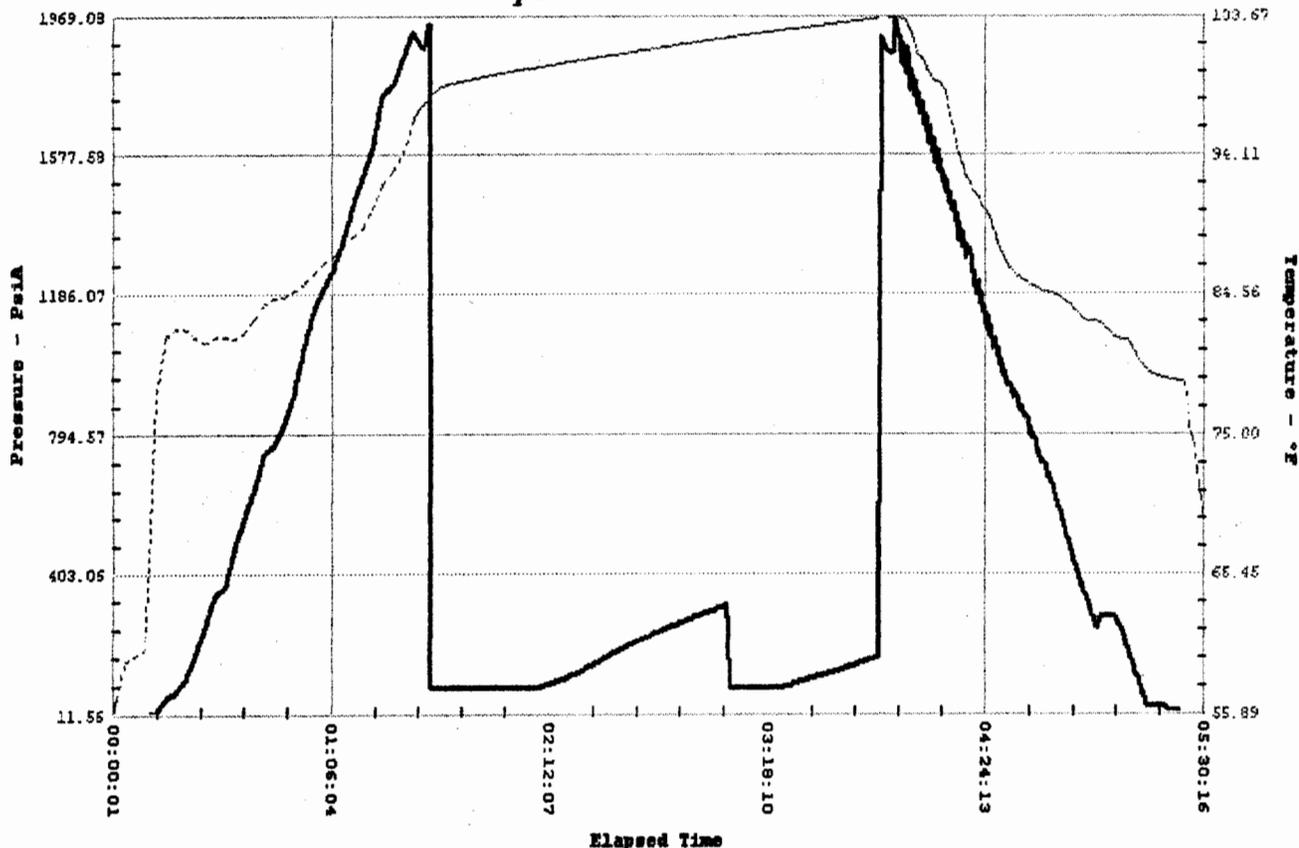
CHART DATA

(316) 792-6902

State KANSAS
 County PAWNEE
 Field

Test Date November 19, 2004
 Sec Town Range 2-22S-15W
 Report Number 12255

Temperature / Pressure Data



Field Reading

(1)	Initial Hydrostatic Pressure	1945
(2)	Initial Flow Pressure	83
(3)	Final Initial Flow Pressure	87
(4)	Initial Shut-In Pressure	314
(5)	Initial Final Flow Pressure	87
(6)	Final Flow Pressure	87
(7)	Final Shut-In Pressure	171
(8)	Final Hydrostatic Pressure	1881

ELECTRONIC RECORDER DEPTH 3824 FT, RECORDER NUMBER 91981

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. BLACKWELL #1-2 Test #: 3 Date: 11-19-2004 SEC. 2
 TWP. 22S RGE. 15W

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	BLACKWELL #1-2
TEST DATE	11/19/2004	FORMATION TESTED	VIOLA
SECTION-TOWN-RANGE	2-22S-15W	DRILL STEM TEST NUMBER	3
STATE	KANSAS	REPORT NUMBER	12255
COUNTY	PAWNEE	ELEVATION KELLY BUSHINGS	1975
ELEVATION GROUND LEVEL	1964	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	BILL REE		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	3716	TOP PACKER DEPTH	3711
TEST INTERVAL (to)	3828	BOTTOM PACKER DEPTH	3716
ANCHOR LENGTH	112	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	3828	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from)	4:15
TOOL OPEN (to)	4:45
DURATION (min.)	30

INITIAL SHUT-IN

TOOL CLOSED (from)	4:45
TOOL CLOSED (to)	5:45
DURATION (min.)	60

FINAL OPEN

TOOL OPEN (from)	5:45
TOOL OPEN (to)	6:00
DURATION (min.)	15

FINAL SHUT-IN

TOOL CLOSED (from)	6:00
TOOL CLOSED (to)	6:30
DURATION (min.)	30

PRESSURE READINGS

INITIAL HYDROSTATIC	1945
INITIAL FLOW	83
FINAL INITIAL FLOW	87
INITIAL SHUT-IN	314
INITIAL FINAL FLOW	87
FINAL FLOW	87
FINAL SHUT-IN	171
FINAL HYDROSTATIC	1881
MAXIMUM TEMPERATURE	104
TOP RECORDER DEPTH	3824
RECORDER NUMBER	91981
BOTTOM RECORDER DEPTH	3825
RECORDER NUMBER	13208

INITIAL BLOW

WEAK BLOW BUILT TO 1/2 INCH INTO THE WATER DECREASED TO A WEAK SURFACE BLOW IN 12 MINUTES AND DECREASED TO A VERY WEAK INTERMITTANT BLOW

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

40 ROUND TRIP MILES FROM GREAT BEND

SUPERIOR TESTERS ENTERPRISES INC.
DRILL STEM TEST REPORT
 GREAT BEND ,KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR **DUKE DRILLING RIG #8**

DRILL PIPE LENGTH **3695**

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 **6**

WATER LOSS **11.4**

CHLORIDES-PITS **6400**

CHLORIDES-DST

FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1) 15	DRILLING MUD WITH A SLIGH SHOW OF OIL BETWEEN THE TOOLS				
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

Date 11-20-2004 Location 9800 470th Ave / Rte 2-22-15 Elevation 1975 KB County RAWNEE
Company F.C. Hall Company LLC Number of Copies 5
Charts Mailed to 9431 East Central Suite 100 Wichita, Kansas 67206-2543
Drilling Contractor Duke Drilling 210+8
Length Drill Pipe 3821 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X 4"
Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE
Length Drill Collars NONE I.D. Drill Collars NONE Tool Joint Size NONE
Top Packer Depth 3835-3840 Bottom Packer Depth 3925 Number of Packers 03 Packer Size 6 3/4"
TESTED FROM 3840 TO 3925 ANCHOR LENGTH 85 TOTAL DEPTH 3940 Hole Size 7 1/8"
EASE & WELL NO. BLACKWELL #1-2 FORMATION TESTED ARBUCKLE TEST NO. 4
Mud Weight 9.31 Viscosity 50 Water Loss 8.9 Chlorides - Pits 5800 D.S.T. 18000
Maximum Temp. 111 °F Initial Hydrostatic Pressure (A) 1944 P.S.I. Final Hydrostatic Pressure (H) 1926 P.S.I.

Tool Open I.F.P. from 3:30 p.m. to 3:45 p.m. 15 min
Tool Closed I.C.I.P. from 3:45 p.m. to 4:45 p.m. 60 min
Tool Open F.F.P. from 4:45 p.m. to 5:00 p.m. 15 min
Tool Closed F.C.I.P. from 5:00 p.m. to 6:00 p.m. 60 min

from [B] <u>196</u> P.S.I. to [C] <u>609</u> P.S.I.
[D] <u>1317</u> P.S.I.
from [E] <u>630</u> P.S.I. to [F] <u>887</u> P.S.I.
[G] <u>1315</u> P.S.I.

Initial Blow Fair blow bottom of a 5 Gallon bucket in 1 minute
Final Blow Fair blow bottom of a 5 Gallon bucket in 1 minute

Total Feet Recovered 1750 Gravity of Oil _____ Corrected _____
1750 Feet of water chert 18000 % 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 yes Straddle yes Hook Wall none
Top Recorder No. 91981 Clock No. Electron Depth 3914 Cir. Sub none Sampler none
Bottom Recorder No. 13203 Clock No. 41441 Depth 3923 Insurance none

Price of Job _____
Tool Operator Sam Budy
Approved By _____
NO. 12256

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

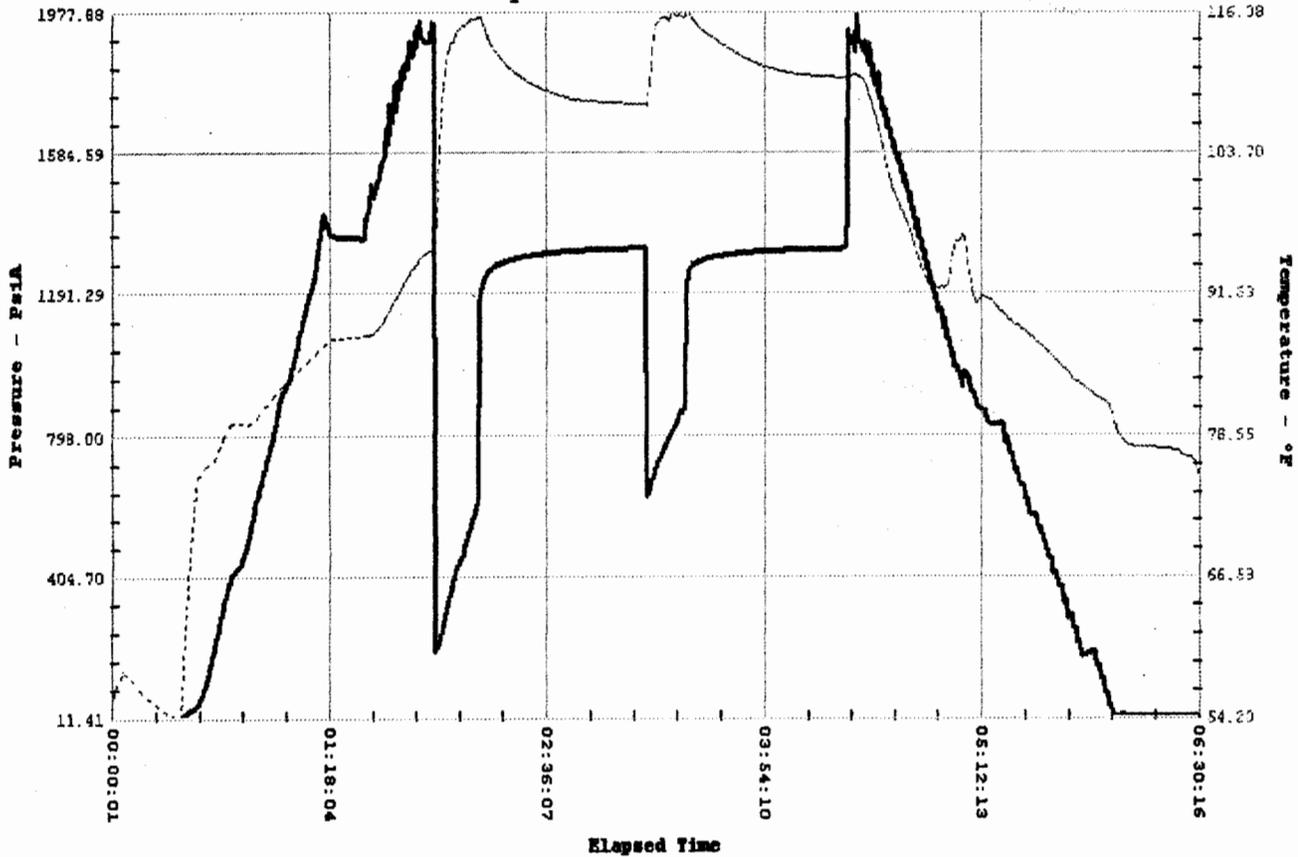
(316) 792-6902

State KANSAS
 County PAWNEE
 Field

Test Date November 20, 2004
 Sec Town Range 2-22S-15W
 Report Number 12256

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. BLACKWELL #1-2 Test #: 4 Date: 11-20-2004 SEC. 2
 TWP. 22S RGE. 15W

Temperature / Pressure Data



Field Reading

(1)	Initial Hydrostatic Pressure	1944
(2)	Initial Flow Pressure	196
(3)	Final Initial Flow Pressure	609
(4)	Initial Shut-In Pressure	1317
(5)	Initial Final Flow Pressure	630
(6)	Final Flow Pressure	887
(7)	Final Shut-In Pressure	1315
(8)	Final Hydrostatic Pressure	1926

ELECTRONIC RECORDER DEPTH 3921 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	BLACKWELL #1-2
TEST DATE	11/20/2004	FORMATION TESTED	ARBUCKLE
SECTION-TOWN-RANGE	2-22S-15W	DRILL STEM TEST NUMBER	4
STATE	KANSAS	REPORT NUMBER	12256
COUNTY	PAWNEE	ELEVATION KELLY BUSHINGS	1975
ELEVATION GROUND LEVEL	1964	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	BILL REE		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	3840	TOP PACKER DEPTH	3835-3840
TEST INTERVAL (to)	3925	BOTTOM PACKER DEPTH	3925
ANCHOR LENGTH	85	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	3925	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from)	3:30
TOOL OPEN (to)	3:45
DURATION (min.)	15

INITIAL SHUT-IN

TOOL CLOSED (from)	3:45
TOOL CLOSED (to)	4:45
DURATION (min.)	60

FINAL OPEN

TOOL OPEN (from)	4:45
TOOL OPEN (to)	5:00
DURATION (min.)	15

FINAL SHUT-IN

TOOL CLOSED (from)	5:00
TOOL CLOSED (to)	6:00
DURATION (min.)	60

PRESSURE READINGS

INITIAL HYDROSTATIC	1944
INITIAL FLOW	196
FINAL INITIAL FLOW	609
INITIAL SHUT-IN	1317
INITIAL FINAL FLOW	630
FINAL FLOW	887
FINAL SHUT-IN	1315
FINAL HYDROSTATIC	1926
MAXIMUM TEMPERATURE	111
TOP RECORDER DEPTH	3921
RECORDER NUMBER	91981
BOTTOM RECORDER DEPTH	3922
RECORDER NUMBER	13208

INITIAL BLOW **FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 1 MINUTE**

FINAL BLOW **FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 1 MINUTE**

EXTRA EQUIPMENT

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

40 ROUND TRIP MILES FROM GREAT BEND

SUPERIOR TESTERS ENTERPRISES INC.
DRILL STEM TEST REPORT
 GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG #8	DRILL COLLAR LENGTH
DRILL PIPE LENGTH	3821	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.	WEIGHT PIPE LENGTH
WEIGHT PIPE I.D.	2.25	MUD WEIGHT #GAL	9.3
TOOL JOINT SIZE	4 1/2 X.H.	VISCOSITY	50
		WATER LOSS	8
		CHLORIDES-PITS	5800
		CHLORIDES-DST	18000

FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1) 1750	WATER NO SHOWS OF OIL AND OR GAS-CHLORIDES 18000				
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 11-21-2004 Location 1980 PAUL / 1700 PAUL / 2-27-15 W Elevation 1975 KB County RAWNEE

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

Charts Mailed to 9431 East Central Suite 100 Wichita Kansas 67206-2543

Drilling Contractor Duke Drilling No. 8

Length Drill Pipe 3600 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 NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 3615-3620 Bottom Packer Depth 3660-3665 Number of Packers 4 Packer Size 6 5/8"

TESTED FROM 3620 TO 3660 ANCHOR LENGTH 40 TOTAL DEPTH 3997 Hole Size 7 7/8"

LEASE & WELL NO. Blackwell #1-2 FORMATION TESTED Kansas City "F" TEST NO. 5

Mud Weight 8.81 Viscosity 79 Water Loss 18.9 Chlorides - Pits 88/2200 D.S.T. 38000

Maximum Temp. 105 °F Initial Hydrostatic Pressure (A) 1734 P.S.I. Final Hydrostatic Pressure (H) 1697 P.S.I.

Tool Open I.F.P. from 10:45 A m to 11:15 A m 30 min

Tool Closed I.C.I.P. from 11:15 A m to 12:15 A m 60 min

Tool Open F.F.P. from 12:15 A m to 1:15 A m 60 min

Tool Closed F.C.I.P. from 1:15 A m to 2:45 A m 90 min

Initial Blow Fair blow built to the bottom of a 5 gallon bucket in 22 minutes

Final Blow Fair blow built to the bottom of a 5 gallon bucket in 20 minutes

Total Feet Recovered 375 Gravity of Oil _____ Corrected _____

375 Feet of SLIGHTLY MUDDY Saltwater % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of 38000 % 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 _____

_____ 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 3634 Cir. Sub. None Sampler None

Bottom Recorder No. 49441 Clock No. 5463 Depth 3994 Insurance None

Price of Job _____

Tool Operator Gene Baker

Approved By _____

No. 12257

from [B]	<u>45</u>	P.S.I. to [C]	<u>115</u>	P.S.I.
[D]	<u>910</u>			P.S.I.
from [E]	<u>117</u>	P.S.I. to [F]	<u>244</u>	P.S.I.
[G]	<u>903</u>			P.S.I.

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SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

CHART DATA

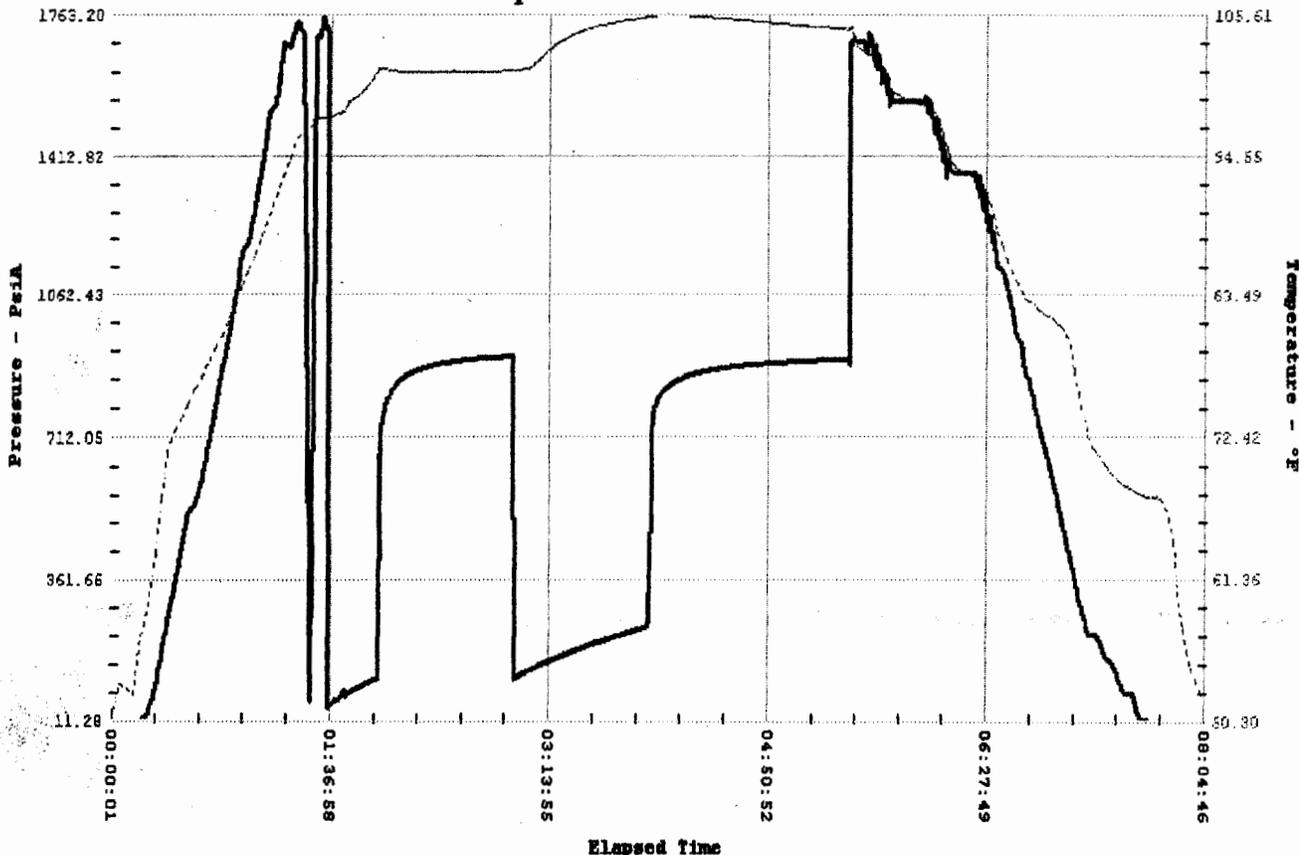
(316) 792-6902

State KANSAS
 County PAWNEE
 Field

Test Date November 21, 2004
 Sec Town Range 2-22S-15W
 Report Number 12257

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. BLACKWELL # 1-2 Test #: 5 Date: 11-21-2004 SEC. 2
 TWP. 22S RGE. 15W

Temperature / Pressure Data



Field Reading

(1)	Initial Hydrostatic Pressure	1734
(2)	Initial Flow Pressure	45
(3)	Final Initial Flow Pressure	115
(4)	Initial Shut-In Pressure	910
(5)	Initial Final Flow Pressure	117
(6)	Final Flow Pressure	244
(7)	Final Shut-In Pressure	903
(8)	Final Hydrostatic Pressure	1697

ELECTRONIC RECORDER DEPTH 3993 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	BLACKWELL #1-2
TEST DATE	11/21/2004	FORMATION TESTED	KANSAS CITY "I-J"
SECTION-TOWN-RANGE	2-22S-15W	DRILL STEM TEST NUMBER	5
STATE	KANSAS	REPORT NUMBER	12267
COUNTY	PAWNEE	ELEVATION KELLY BUSHINGS	1975
ELEVATION GROUND LEVEL	1964	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	BILL REE		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	3620	TOP PACKER DEPTH	3615-3620
TEST INTERVAL (to)	3660	BOTTOM PACKER DEPTH	3660-3665
ANCHOR LENGTH	40	NUMBER OF PACKERS	4
TOTAL DEPTH (ft)	3997	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

FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 22 MINUTES

FINAL BLOW

FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 20 MINUTES

EXTRA EQUIPMENT

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

40 ROUND TRIP MILES FROM GREAT BEND

SUPERIOR TESTERS ENTERPRISES INC.
DRILL STEM TEST REPORT
 GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG # 8	DRILL COLLAR LENGTH	
DRILL PIPE LENGTH	3600	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.	WEIGHT PIPE LENGTH	
WEIGHT PIPE I.D.	2.25	MUD WEIGHT #/GAL	8.8
TOOL JOINT SIZE	4 1/2 X.H.	VISCOSITY	79
		WATER LOSS	8.8
		CHLORIDES-PITS	2200
		CHLORIDES-DST	38000

FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1) 375	SLIGHTLY MUDDY SALT WATER CHLORIDES 38000				
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					

TOTAL RECOVERY

COMMENTS