

F. G. Hall Co.

Bauer 'A' 1-19

19-21s-14w

15-185-23775

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 8-16-06 Location 19-21-14 Elevation 1950 County Stafford

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

Charts Mailed to 9431 E Central Suite 100

Drilling Contractor Petromark Drilling LLC Rig #

Length Drill Pipe 1757 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2 X H

Length Weight Pipe _____ I.D. Weight Pipe _____ Tool Joint Size _____

Length Drill Collars 60 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 X H

Top Packer Depth 1838 Bottom Packer Depth 1843 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 1843 TO 1903 ANCHOR LENGTH 60 TOTAL DEPTH 1903 Hole Size 7 7/8

LEASE & WELL NO. BAUER A FORMATION TESTED _____ TEST NO. 1

Mud Weight 8.8 Viscosity 78 Water Loss 9.4 Chlorides - Pits 17000 S.T. _____

Maximum Temp. 84 °F Initial Hydrostatic Pressure (A) 952 P.S.I. Final Hydrostatic Pressure (H) 918 P.S.I.

Tool Open I.F.P. from 2:40 A m to 2:55 A m 15 min

Tool Closed I.C.I.P. from 2:55 A m to 3:25 A m 30 min

Tool Open F.F.P. from 3:25 A m to 4:25 A m 60 min

Tool Closed F.C.I.P. from 4:25 A m to 5:25 A m 60 min

Initial Blow Weak Blow 2 in into water in 11 min

Final Blow Weak Blow 8 in into water in 13 min

Total Feet Recovered 85 Gravity of Oil _____ Corrected _____

85 Feet of Mud % Gas _____ % Oil 100 % 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 _____ Straddle _____ Hook Wall _____

Top Recorder No. 91986 Clock No. ele Depth 1894 Cir. Sub _____ Sampler _____

Bottom Recorder No. 5963 Clock No. 47441 Depth 1900 Insurance _____

Price of Job _____ Tool Operator DAVID Nichols

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.

NO 14991

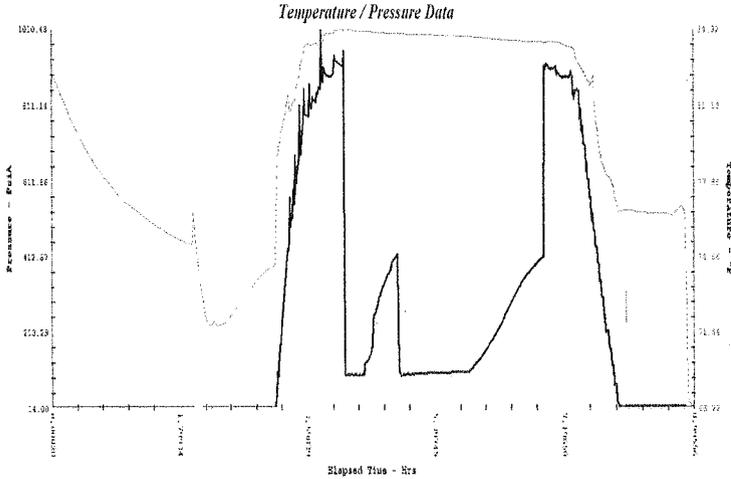
SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F.G HOLL COMPANY L.L.C
 Lease & Well No. BAUER A Test #: 1 Date: 8-16-06 SEC. 19 TWP. 21 RGE.



1	Initial Hydrostatic Pressure	952
2	Initial Flow Pressure	100
3	Final Initial Flow Pressure	102
4	Initial Shut-In Pressure	418
5	Initial Final Flow Pressure	102
6	Final Flow Pressure	111
7	Final Shut-In Pressure	412
8	Final Hydrostatic Pressure	918
Maximum Temperature		84

GENERAL INFORMATION

COMPANY NAME F.G HOLL COMPANY L.L.C	
TEST DATE 8/16/06	LEASE AND WELL NUMBER BAUER A
SECTION-TOWN-RANGE 19-21-14	FORMATION TESTED HERRINGTON
STATE KANSAS	DRILL STEM TEST NUMBER 1
COUNTY STAFFORD	REPORT NUMBER 14991
ELEVATION GROUND LEVEL 1950	ELEVATION KELLY BUSHINGS 1955
COMPANY REPRESENTATIVE BILL	TESTING ENGINEER DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 1843	TOP PACKER DEPTH 1838
TEST INTERVAL (to) 1903	BOTTOM PACKER DEPTH 1843
ANCHOR LENGTH 60	NUMBER OF PACKERS 2
TOTAL DEPTH (ft) 1903	PACKER SIZE 6 3/4
	HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 2:40	TOOL OPEN (from) 3:25
INITIAL OPEN TOOL OPEN (to) 2:55	FINAL OPEN TOOL OPEN (to) 4:25
DURATION (min.) 15	DURATION (min.) 60
TOOL CLOSED (from) 2:55	TOOL CLOSED (from) 4:25
INITIAL SHUT-IN TOOL CLOSED (to) 3:25	FINAL SHUT-IN TOOL CLOSED (to) 5:25
DURATION (min.) 30	DURATION (min.) 60

INITIAL FLOW WEAK BLOW BUILT TO 2 IN INTO WATER IN 11 MIN

FINAL FLOW WEAK BLOW BUILT TO 8 IN INTO WATER IN 13 MIN

Feet of Recovery	RESISTIVITY		AT	DEGREES	CHLORIDES			
	RECOVERY DESCRIPTION				% GAS	% OIL	% MUD	% WATER
1)	85	MUD					100	
2)								
3)								
4)								
5)								

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	BAUER A
TEST DATE	8/16/06	FORMATION TESTED	HERRINGTON
SECTION-TOWN-RANGE	19-21-14	DRILL STEM TEST NUMBER	1
STATE	KANSAS	REPORT NUMBER	14991
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1955
ELEVATION GROUND LEVEL	1950	TESTING ENGINEER	DAVID NICHOLS
COMPANY REPRESENTATIVE	BILL		

EXTRA EQUIPMENT

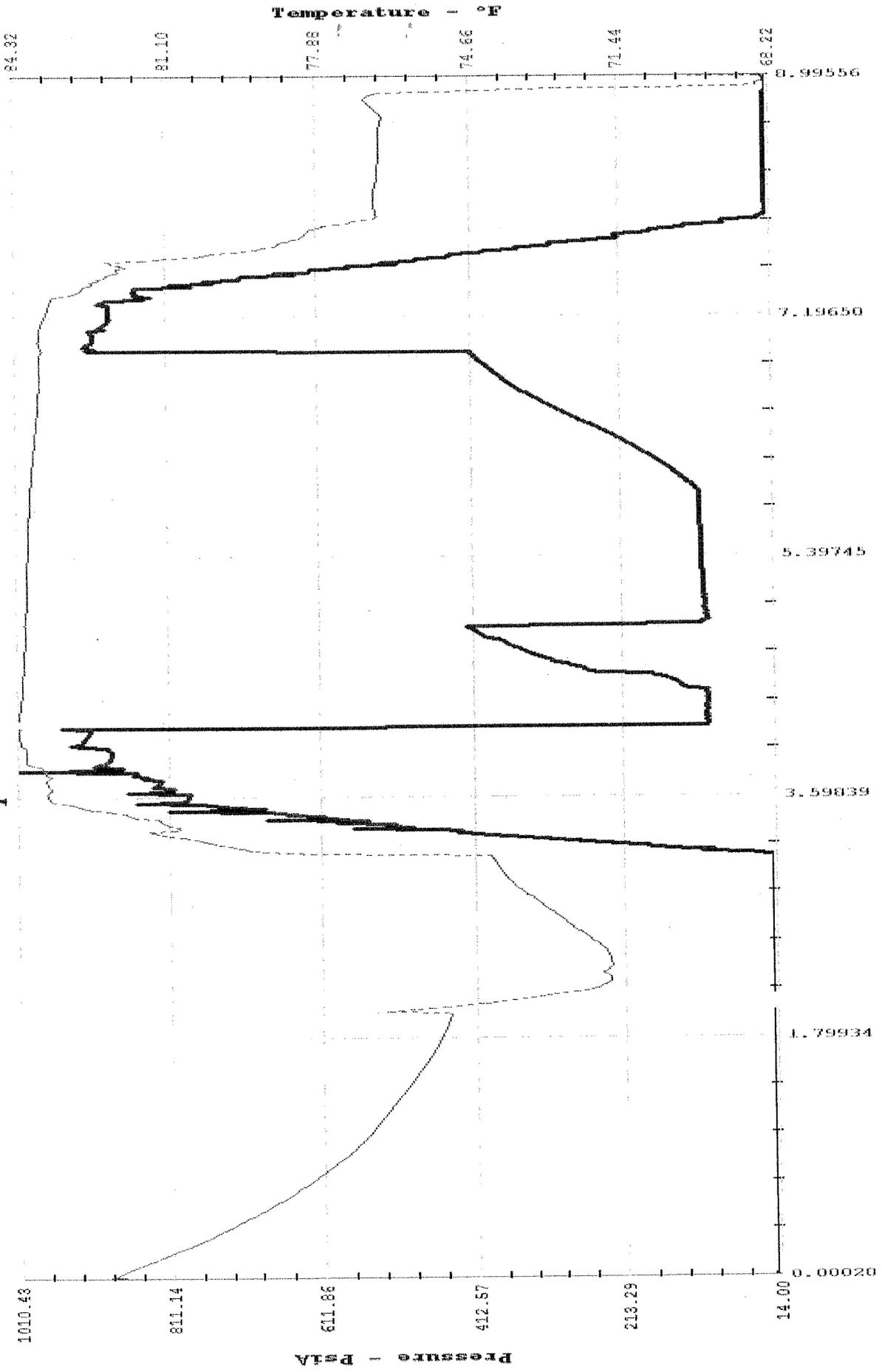
JARS	YES	EXTRA PACKER (3RD)	NO
SAFETY JOINT	YES	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	16 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	1899	BOTTOM RECORDER DEPTH	1900
RECORDER NUMBER	91986	RECORDER NUMBER	5463

WELL INFORMATION

DRILLING CONTRACTOR	PETROMARK DRILLING RIG#2		
DRILL PIPE LENGTH	1757	DRILL COLLAR LENGTH	60
DRILL PIPE I.D.	3.8	DRILL COLLAR I.D.	2.25
TOOL JOINT SIZE	4 1/2 X.H.	TOOL JOINT SIZE	4 1/2 X.H.
WEIGHT PIPE LENGTH		MUD WEIGHT #/GAL	8.8
WEIGHT PIPE I.D.	2.25	VISCOSITY	78
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	9.4
		CHLORIDES-PITS	17,000
		CHLORIDES-DST	

COMMENTS

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 8-17-06 Location 19-21-14 Elevation 1950 County Stafford

Company F.G. Holl company Number of Copies 5

Charts Mailed to 9431 E central Suite #100

Drilling Contractor Petromark's Drilling LLC

Length Drill Pipe 2200 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2 X H

Length Weight Pipe _____ I.D. Weight Pipe _____ Tool Joint Size _____

Length Drill Collars 600 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 X H

Top Packer Depth 2287 Bottom Packer Depth 2287 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 2287 TO 2386 ANCHOR LENGTH 99 TOTAL DEPTH 2386 Hole Size 7 1/8

LEASE & WELL NO. Bauer A-14 FORMATION TESTED cottonwood TEST NO. 2

Mud Weight 9.1 Viscosity 45 Water Loss 9.2 Chlorides - Pits 43,000 S.T. 102000

Maximum Temp. 98 °F Initial Hydrostatic Pressure (A) 1261 P.S.I. Final Hydrostatic Pressure (H) 1182 P.S.I.

Tool Open I.F.P. from 6:45 p m to 7:00 p m 15 min

Tool Closed I.C.I.P. from 7:00 p m to 7:30 p m 30 min

Tool Open F.F.P. from 7:30 p m to 8:00 p m 30 min

Tool Closed F.C.I.P. from 8:00 p m to 9:00 p m 60 min

Initial Blow Weak Building Blow 10in into water in 11 min

Final Blow Weak Building Blow 8in into water in 13 min

Total Feet Recovered 250 Gravity of Oil _____ Corrected _____

250 Feet of Water cut Mud %Gas _____ %Oil 60 %Mud 40 %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 _____ Straddle _____ Hook Wall _____

Top Recorder No. 9143C Clock No. etc Depth 2382 Cir. Sub _____ Sampler _____

Bottom Recorder No. 47441 Clock No. 5963 Depth 2383 Insurance _____

Price of Job _____ Tool Operator DAVID Nichols

Approved By _____

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No 14992

SUPERIOR TESTERS ENTERPRISES L.L.C.

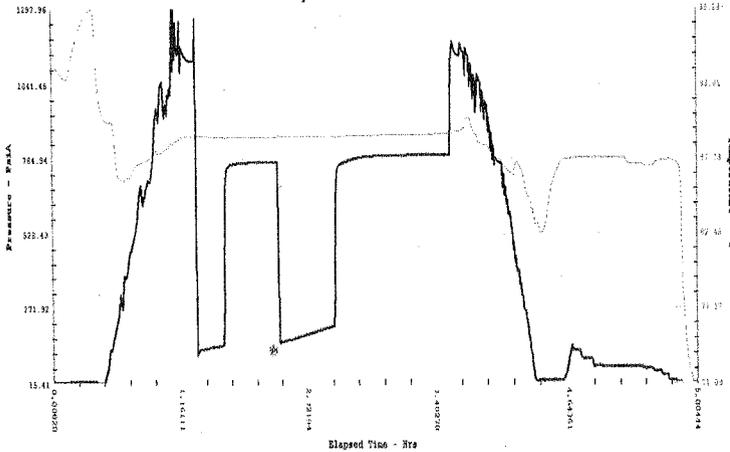
1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F.G. HOLL COMPANY L.L.C
 Lease & Well No. BAUER A 1-19 Test #: 2 Date: 8-17-06 SEC. 19 TWP. 21
 RGE. 14

Temperature / Pressure Data



- | | | |
|----------|------------------------------|------|
| 1 | Initial Hydrostatic Pressure | 1261 |
| 2 | Initial Flow Pressure | 113 |
| 3 | Final Initial Flow Pressure | 144 |
| 4 | Initial Shut-In Pressure | 774 |
| 5 | Initial Final Flow Pressure | 153 |
| 6 | Final Flow Pressure | 210 |
| 7 | Final Shut-In Pressure | 797 |
| 8 | Final Hydrostatic Pressure | 1182 |

Maximum Temperature 98

GENERAL INFORMATION

COMPANY NAME F.G HOLL COMPANY L.L.C

TEST DATE 8/17/06

SECTION-TOWN-RANGE 19-21-14

STATE KANSAS

COUNTY STAFFORD

ELEVATION GROUND LEVEL 1950

COMPANY REPRESENTATIVE BILL

LEASE AND WELL NUMBER BAUER A 1-19

FORMATION TESTED COTTONWOOD

DRILL STEM TEST NUMBER 2

REPORT NUMBER 14992

ELEVATION KELLY BUSHINGS 1955

TESTING ENGINEER DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 2287

TEST INTERVAL (to) 2386

ANCHOR LENGTH 99

TOTAL DEPTH (ft) 2386

TOP PACKER DEPTH 0

BOTTOM PACKER DEPTH 5

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 6:45

TOOL OPEN (from) 7:30

INITIAL OPEN TOOL OPEN (to) 7:00

FINAL OPEN TOOL OPEN (to) 8:00

DURATION (min.) 15

DURATION (min.) 30

TOOL CLOSED (from) 7:00

TOOL CLOSED (from) 8:00

INITIAL SHUT-IN TOOL CLOSED (to) 7:30

FINAL SHUT-IN TOOL CLOSED (to) 9:00

DURATION (min.) 30

DURATION (min.) 60

INITIAL FLOW WEAK BUILDING BLOW 10 IN INTO WATER IN 11 MIN

FINAL FLOW WEAK BUILDING BLOW 8 IN INTO WATER IN 13 MIN

Feet of Recovery	RESISTIVITY	AT	DEGREES	CHLORIDES		107000	
	RECOVERY DESCRIPTION			% GAS	% OIL	% MUD	% WATER
1) 250	WATER CUT MUD					60	40
2)							
3)							
4)							
5)							

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	BAUER A 1-19
TEST DATE	8/17/06	FORMATION TESTED	COTTONWOOD
SECTION-TOWN-RANGE	19-21-14	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	14992
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1955
ELEVATION GROUND LEVEL	1950	TESTING ENGINEER	DAVID NICHOLS
COMPANY REPRESENTATIVE	BILL		

EXTRA EQUIPMENT

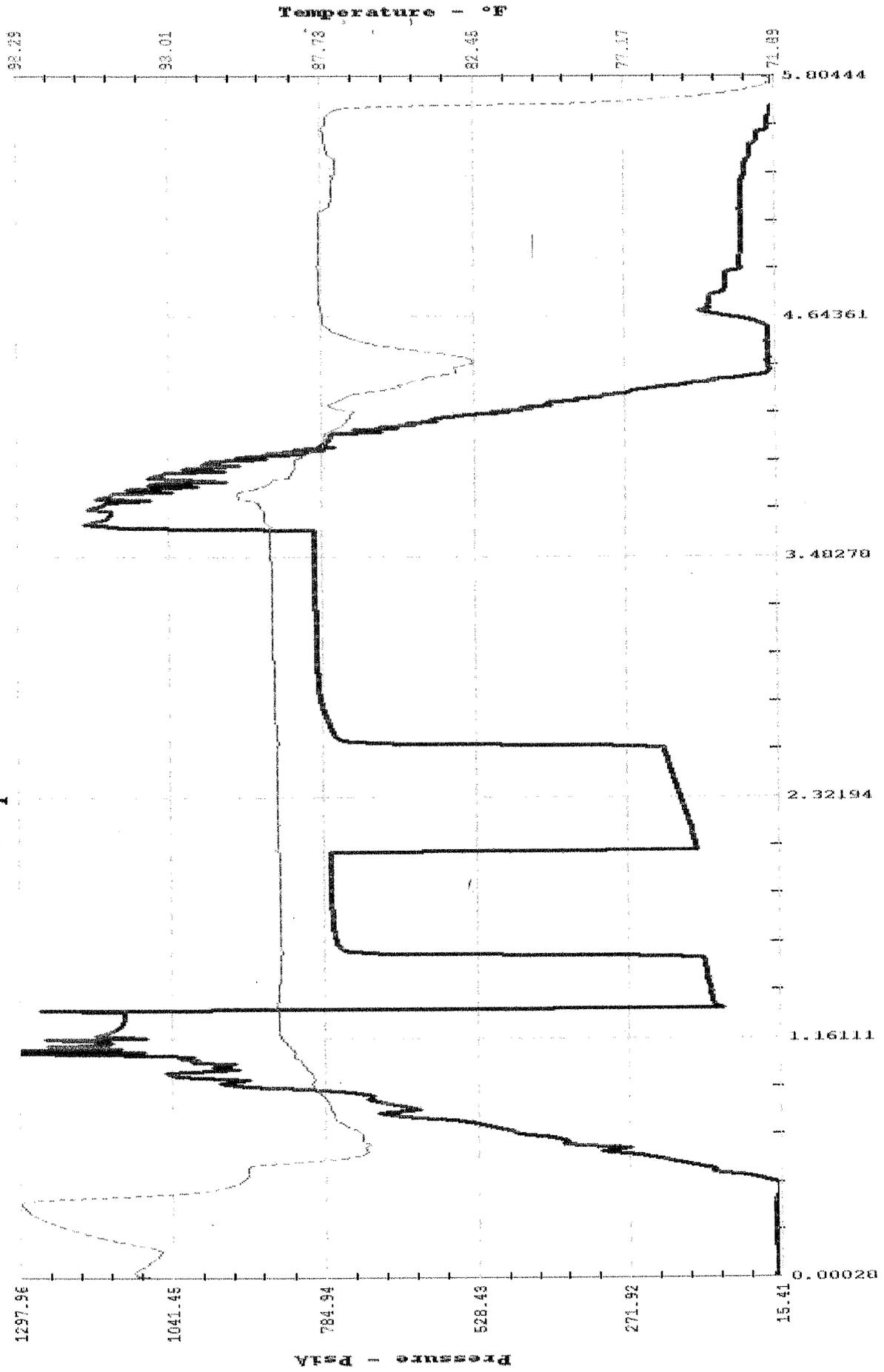
JARS	YES	EXTRA PACKER (3RD)	NO
SAFETY JOINT	YES	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	22 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	2382	BOTTOM RECORDER DEPTH	2383
RECORDER NUMBER	91986	RECORDER NUMBER	5463

WELL INFORMATION

DRILLING CONTRACTOR	PETROMARK DRILLING RIG#2		
DRILL PIPE LENGTH	2200	DRILL COLLAR LENGTH	60
DRILL PIPE I.D.	3.8	DRILL COLLAR I.D.	2.25
TOOL JOINT SIZE	4 1/2 X.H.	TOOL JOINT SIZE	4 1/2 X.H.
WEIGHT PIPE LENGTH		MUD WEIGHT #/GAL	9.4
WEIGHT PIPE I.D.	2.25	VISCOSITY	45
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	9.2
		CHLORIDES-PITS	43,000
		CHLORIDES-DST	#####

COMMENTS

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 8-18-06 Location 19-21-14 Elevation 1950 County Stafford
 Company F.C. Holl Company L.L.C. Number of Copies 5
 Parts Mailed to 9431 E Central Suite #100
 Drilling Contractor Petromark Rig #2 Tool Joint Size 4 1/2 x 1 1/2
 Length Drill Pipe 2371 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2 x 1 1/2
 Length Weight Pipe _____ I.D. Weight Pipe _____ Tool Joint Size _____
 Length Drill Collars 60 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 x 1 1/2
 Top Packer Depth 2398 Bottom Packer Depth 2403 Number of Packers 2 Packer Size 6 3/4
 TESTED FROM 2403 TO 2455 ANCHOR LENGTH 52 TOTAL DEPTH 2453 Hole Size 7 7/8
 CASE & WELL NO. Bauer A 1-19 FORMATION TESTED Red eagle TEST NO. 3
 Mud Weight 9.1 Viscosity 40 Water Loss 8.0 Chlorides - Pits 32,000 P.S.I. _____
 Maximum Temp. 91 °F Initial Hydrostatic Pressure (A) 1204 P.S.I. Final Hydrostatic Pressure (H) 1202 P.S.I.

Tool Open I.F.P. from 1:15 m to 1:30 m 15 min
 Tool Closed I.C.I.P. from 1:30 m to 2:15 m 45 min
 Tool Open F.F.P. from 2:15 m to 2:30 m 15 min
 Tool Closed F.C.I.P. from 2:30 m to 3:00 m 30 min

from [B] ~~100~~ 97 P.S.I.
 [D] 98 P.S.I.
 from [E] 101 P.S.I. to [F] 103 P.S.I.
 [G] 100 P.S.I.

Initial Blow Very weak Building Blow 3 in into water
 Final Blow very weak Surface Blow Died in 9 mins

Total Feet Recovered 80 Gravity of Oil _____ Corrected _____
80 Feet of Mud % Gas _____ % Oil 100 % 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 _____ Straddle _____ Hook Wall _____
 Top Recorder No. 91986 Clock No. etc Depth 2451 Cir. Sub _____ Sampler _____
 Bottom Recorder No. 47441 Clock No. 5463 Depth 2452 Insurance _____

Price of Job _____
 Tool Operator DAVID Nichols
 Approved By _____

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No 14993

SUPERIOR TESTERS ENTERPRISES L.L.C.

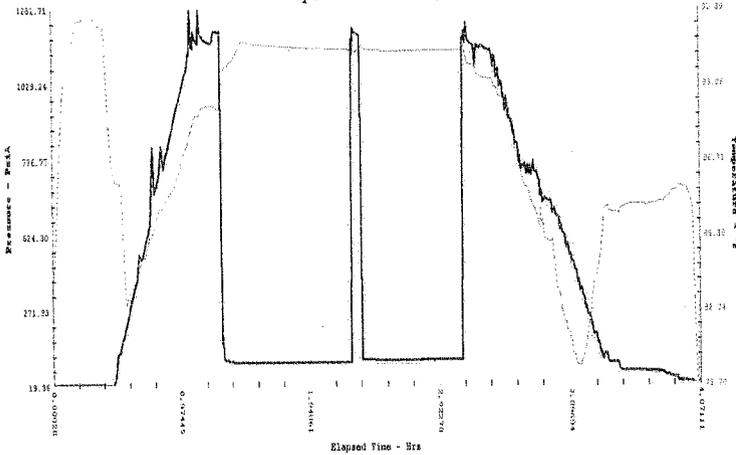
1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F.G. HOLL COMPANY L.L.C
 RGE. 14
 Lease & Well No. BAUERR A 1-19 Test #: 3 Date: 8-16-06 SEC. 19 TWP. 21

Temperature / Pressure Data



1	Initial Hydrostatic Pressure	1204
2	Initial Flow Pressure	96
3	Final Initial Flow Pressure	97
4	Initial Shut-In Pressure	98
5	Initial Final Flow Pressure	101
6	Final Flow Pressure	103
7	Final Shut-In Pressure	106
8	Final Hydrostatic Pressure	1202
Maximum Temperature		91

GENERAL INFORMATION

COMPANY NAME F.G. HOLL COMPANY L.L.C

TEST DATE 8/18/06

LEASE AND WELL NUMBER BAUERR A 1-19

SECTION-TOWN-RANGE 19-21-14

FORMATION TESTED RED EAGLE

STATE KANSAS

DRILL STEM TEST NUMBER 3

COUNTY STAFFORD

REPORT NUMBER 14993

ELEVATION GROUND LEVEL 1950

ELEVATION KELLY BUSHINGS 1955

COMPANY REPRESENTATIVE BILL

TESTING ENGINEER DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 2403

TOP PACKER DEPTH 2398

TEST INTERVAL (to) 2455

BOTTOM PACKER DEPTH 2403

ANCHOR LENGTH 52

NUMBER OF PACKERS 2

TOTAL DEPTH (ft) 2455

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 1:15

TOOL OPEN (from) 2:15

INITIAL OPEN TOOL OPEN (to) 1:30

FINAL OPEN TOOL OPEN (to) 2:30

DURATION (min.) 15

DURATION (min.) 15

TOOL CLOSED (from) 1:30

TOOL CLOSED (from) 2:30

INITIAL SHUT-IN TOOL CLOSED (to) 2:15

FINAL SHUT-IN TOOL CLOSED (to) 3:00

DURATION (min.) 45

DURATION (min.) 30

INITIAL FLOW VERY WEAK BUILDING BLOW 3 IN INTO WATER IN 8 MIN

FINAL FLOW VERY WEAK SURFACE BLOW DIED AFTER 9 MIN

Feet of Recovery	RESISTIVITY	AT DEGREES	CHLORIDES			
			RECOVERY DESCRIPTION	% GAS	% OIL	% MUD
1)	80	MUD			100	
2)						
3)						
4)						
5)						

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	BAUER A 1-19
TEST DATE	8/18/06	FORMATION TESTED	RED EAGLE
SECTION-TOWN-RANGE	19-21-14	DRILL STEM TEST NUMBER	3
STATE	KANSAS	REPORT NUMBER	14993
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1955
ELEVATION GROUND LEVEL	1950	TESTING ENGINEER	DAVID NICHOLS
COMPANY REPRESENTATIVE	BILL		

EXTRA EQUIPMENT

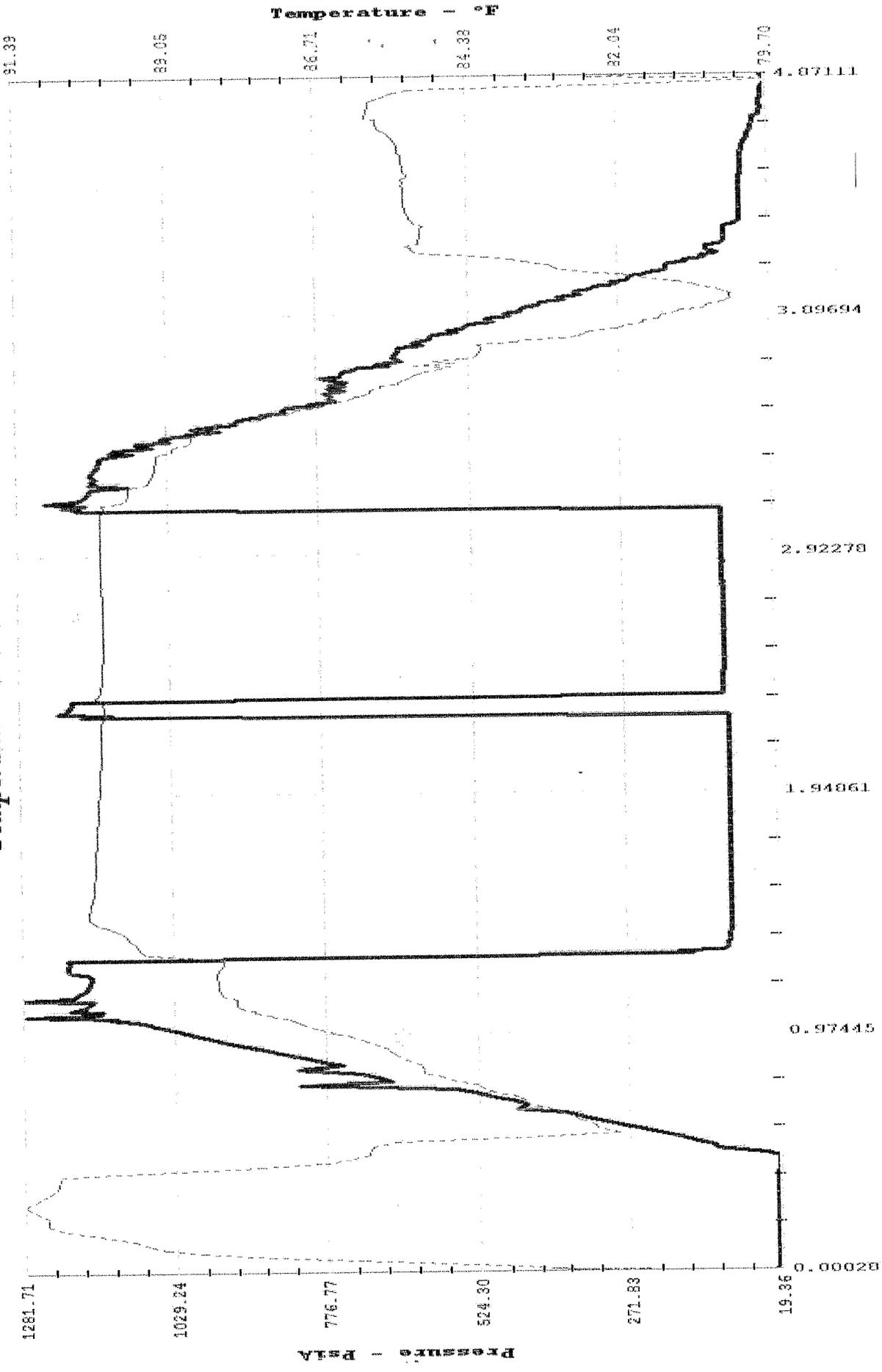
JARS	YES	EXTRA PACKER (3RD)	NO
SAFETY JOINT	YES	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	22 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	2451	BOTTOM RECORDER DEPTH	2452
RECORDER NUMBER	91986	RECORDER NUMBER	5463

WELL INFORMATION

DRILLING CONTRACTOR	PETROMARK RIG#2	DRILL COLLAR LENGTH	60
DRILL PIPE LENGTH	2371	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		MUD WEIGHT #/GAL	9.1
WEIGHT PIPE I.D.	2.25	VISCOSITY	40
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	8,0
		CHLORIDES-PITS	32,000
		CHLORIDES-DST	

COMMENTS

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 8-19-06 Location 19-21-14 Elevation 1950 County Stafford

Company 9431 E Central Suite 100 Number of Copies 5

Charts Mailed to F.O. Hall company LLC

Drilling Contractor Petromark Rig 2

Length Drill Pipe 2570 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2 XH

Length Weight Pipe _____ I.D. Weight Pipe _____ Tool Joint Size _____

Length Drill Collars 60 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 XH

Top Packer Depth 2637 Bottom Packer Depth 2636 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 2650 TO 2725 ANCHOR LENGTH 69 TOTAL DEPTH 2725 Hole Size 7 7/8

LEASE & WELL NO. Bauer A 1-19 FORMATION TESTED _____ TEST NO. 4

Mud Weight 9.3 Viscosity 38 Water Loss 9.4 Chlorides - Pits 35,000 B.S.T. _____

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

Tool Open I.F.P. from 10:35p m to _____ m _____ min

Tool Closed I.C.I.P. from _____ m to _____ m _____ min

Tool Open F.F.P. from _____ m to _____ m _____ min

Tool Closed F.C.I.P. from _____ m to _____ m _____ min

Initial Blow _____

Final Blow _____

Total Feet Recovered _____ Gravity of Oil _____ Corrected _____

_____ 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 Miss Run

Extra Equipment - Jars yes Safety Joint yes Extra Packer _____ Straddle _____ Hook Wall _____

Top Recorder No. 91936 Clock No. etc Depth 2721 Cir. Sub _____ Sampler _____

Bottom Recorder No. 77441 Clock No. 3463 Depth 2722 Insurance _____

Price of Job _____

Tool Operator DAVID D. Nichols

Approved By _____

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NO 14994

SUPERIOR TESTERS ENTERPRISES L.L.C.

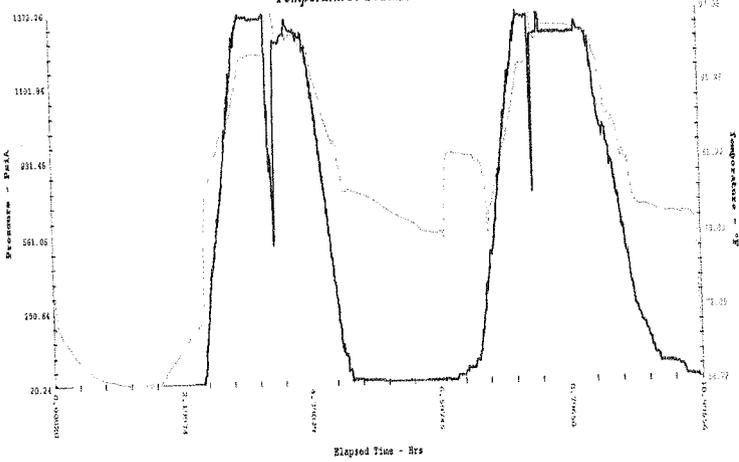
DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

1(800)792-6902

Company: F.G. HOLL COMPANY L.L.C
 RGE. 14
 Lease & Well No. BAUER A 1-19 Test #: 4 Date: 8-20-06 SEC. 17 IWR. 21

Temperature / Pressure Data



- 1 Initial Hydrostatic Pressure
- 2 Initial Flow Pressure
- 3 Final Initial Flow Pressure
- 4 Initial Shut-In Pressure
- 5 Initial Final Flow Pressure
- 6 Final Flow Pressure
- 7 Final Shut-In Pressure
- 8 Final Hydrostatic Pressure

Maximum Temperature

GENERAL INFORMATION

COMPANY NAME F.G HOLL COMPANY L.L.C	
TEST DATE 8/20/06	LEASE AND WELL NUMBER BAUER A 1-19
SECTION-TOWN-RANGE 19-21-14	FORMATION TESTED LANGENDSANDS
STATE KANSAS	DRILL STEM TEST NUMBER 4
COUNTY STAFFORD	REPORT NUMBER 14994
ELEVATION GROUND LEVEL 1950	ELEVATION KELLY BUSHINGS 1955
COMPANY REPRESENTATIVE BILL	TESTING ENGINEER DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 2656	TOP PACKER DEPTH 2651
TEST INTERVAL (to) 2725	BOTTOM PACKER DEPTH 2656
ANCHOR LENGTH 69	NUMBER OF PACKERS 2
TOTAL DEPTH (ft) 2725	PACKER SIZE 6 3/4
	HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 10:35	TOOL OPEN (from)
<i>INITIAL OPEN</i> TOOL OPEN (to)	<i>FINAL OPEN</i> TOOL OPEN (to)
DURATION (min.)	DURATION (min.)
TOOL CLOSED (from)	TOOL CLOSED (from)
<i>INITIAL SHUT-IN</i> TOOL CLOSED (to)	<i>FINAL SHUT-IN</i> TOOL CLOSED (to)
DURATION (min.)	DURATION (min.)

INITIAL FLOW **MISS RUN**

FINAL FLOW

Feet of Recovery	RESISTIVITY	AT	DEGREES	CHLORIDES			
				% GAS	% OIL	% MUD	% WATER
1) 840	MUD					100	
2)							
3)							
4)							
5)							

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
TEST DATE 8/20/06
SECTION-TOWN-RANGE 19-21-14
STATE KANSAS
COUNTY STAFFORD
ELEVATION GROUND LEVEL 1950
COMPANY REPRESENTATIVE BILL

LEASE AND WELL NUMBER BAUER A 1-19
FORMATION TESTED
DRILL STEM TEST NUMBER 4
REPORT NUMBER 14994
ELEVATION KELLY BUSHINGS 1955
TESTING ENGINEER DAVID NICHOLS

EXTRA EQUIPMENT

JARS YES
SAFETY JOINT YES
ELECTRONIC RECORDER YES
CIRCULATING SUB NO
22 MILES ROUND TRIP FROM GREAT BEND

EXTRA PACKER (3RD) NO
EXTRA PACKER (4TH) NO
STRADDLE NO
HOOK WALL NO
SAMPLER NO
TOP RECORDER DEPTH 91986
RECORDER NUMBER 2721
BOTTOM RECORDER DEPTH 91987
RECORDER NUMBER 5463

WELL INFORMATION

DRILLING CONTRACTOR PETROMARK RIG#2
DRILL PIPE LENGTH 2570
DRILL PIPE I.D. 3.8
TOOL JOINT SIZE 4 1/2 X.H.

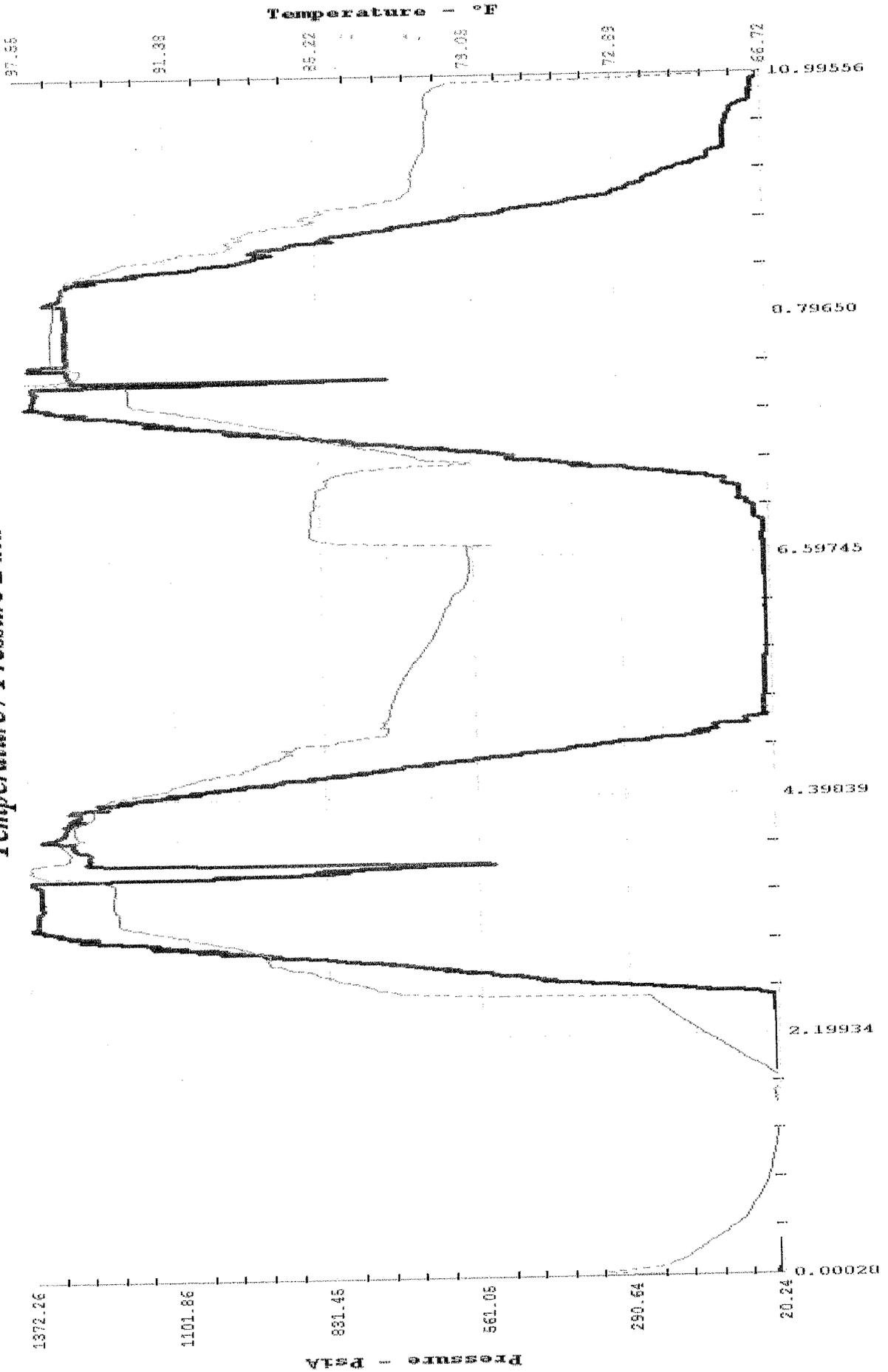
DRILL COLLAR LENGTH 60
DRILL COLLAR I.D. 2.25
TOOL JOINT SIZE 4 1/2 X.H.

WEIGHT PIPE LENGTH
WEIGHT PIPE I.D. 2.25
TOOL JOINT SIZE 4 1/2 X.H.

MUD WEIGHT #/GAL 9.3
VISCOSITY 38
WATER LOSS 9.4
CHLORIDES-PITS 35,000
CHLORIDES-DST

COMMENTS

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 8-20-01 Location 19-21-14 Elevation 1950 County Stafford
Company F.G. Hall Company L.L.C. Number of Copies 5

Charts Mailed to 9931 E Central

Drilling Contractor Petro Mark Rig #2
Length Drill Pipe 2573 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2 X 1 1/2

Length Weight Pipe _____ I.D. Weight Pipe _____ Tool Joint Size _____
Length Drill Collars 60 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 X 1 1/2

Top Packer Depth 2624 Bottom Packer Depth 3029 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 2629 TO 2725 ANCHOR LENGTH 96 TOTAL DEPTH 2725 Hole Size 7 7/8

LEASE & WELL NO. Bauer A 1-19 FORMATION TESTED _____ TEST NO. 5
Mud Weight 9.3 Viscosity 38 Water Loss 9.4 Chlorides - Pits 35000 G.S.T. _____

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

Tool Open I.F.P. from 3'35 m to _____ m _____ min

Tool Closed I.C.I.P. from _____ m to _____ m _____ min

Tool Open F.F.P. from _____ m to _____ m _____ min

Tool Closed F.C.I.P. from _____ m to _____ m _____ min

(from [B] _____ P.S.I. to [C] _____ P.S.I.)
[D] _____ P.S.I.
from [E] _____ P.S.I. to [F] _____ P.S.I.
[G] _____ P.S.I.

Initial Blow _____

Final Blow _____

Total Feet Recovered 360 Gravity of Oil _____ Corrected

360 Feet of Mud % Gas _____ % Oil 100 % 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 MISS RUN

Extra Equipment - Jars YES Safety Joint YES Extra Packer _____ Straddle _____ Hook Wall _____

Top Recorder No. 91986 Clock No. etc Depth 2721 Cir. Sub _____ Sampler _____

Bottom Recorder No. 4744 Clock No. 3463 Depth 2722 Insurance _____

Price of Job _____
Tool Operator DAVID Nichols
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.

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

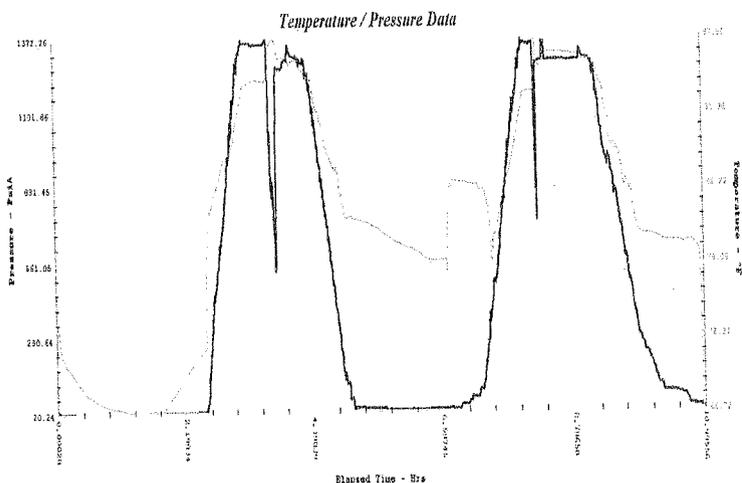
GREAT BEND, KANSAS 67530

1(800)792-6902

RGE. 14

Company: F.G. HOLL COMPANY L.L.C

Lease & Well No. BAUER A 1-19 Test #: 5 Date: 8-20-06 SEC. 19 IWP: 21



- 1 Initial Hydrostatic Pressure
- 2 Initial Flow Pressure
- 3 Final Initial Flow Pressure
- 4 Initial Shut-In Pressure
- 5 Initial Final Flow Pressure
- 6 Final Flow Pressure
- 7 Final Shut-In Pressure
- 8 Final Hydrostatic Pressure

- Maximum Temperature

GENERAL INFORMATION

COMPANY NAME F.G. HOLL COMPANY L.L.C	
TEST DATE 8/20/06	LEASE AND WELL NUMBER BAUER A 1-19
SECTION-TOWN-RANGE 19-21-14	FORMATION TESTED LANGENDSANDS
STATE KANSAS	DRILL STEM TEST NUMBER 5
COUNTY STAFFORD	REPORT NUMBER 14995
ELEVATION GROUND LEVEL 1950	ELEVATION KELLY BUSHINGS 1955
COMPANY REPRESENTATIVE BILL	TESTING ENGINEER DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 2629	TOP PACKER DEPTH 2624
TEST INTERVAL (to) 2725	BOTTOM PACKER DEPTH 2629
ANCHOR LENGTH 96	NUMBER OF PACKERS 2
TOTAL DEPTH (ft) 2725	PACKER SIZE 6 3/4
	HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 3;35	TOOL OPEN (from)
INITIAL OPEN TOOL OPEN (to)	FINAL OPEN TOOL OPEN (to)
DURATION (min.)	DURATION (min.)
TOOL CLOSED (from)	TOOL CLOSED (from)
INITIAL SHUT-IN TOOL CLOSED (to)	FINAL SHUT-IN TOOL CLOSED (to)
DURATION (min.)	DURATION (min.)

INITIAL FLOW MISS RUN

FINAL FLOW

Feet of Recovery	RESISTIVITY	AT	DEGREES	CHLORIDES			
				% GAS	% OIL	% MUD	% WATER
1) 360	MUD					100	
2)							
3)							
4)							
5)							

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	BAUER A 1-19
TEST DATE	8/20/06	FORMATION TESTED	LANGENDSANDS
SECTION-TOWN-RANGE	19-21-14	DRILL STEM TEST NUMBER	5
STATE	KANSAS	REPORT NUMBER	14995
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1955
ELEVATION GROUND LEVEL	1950	TESTING ENGINEER	DAVID NICHOLS
COMPANY REPRESENTATIVE	BILL		

EXTRA EQUIPMENT

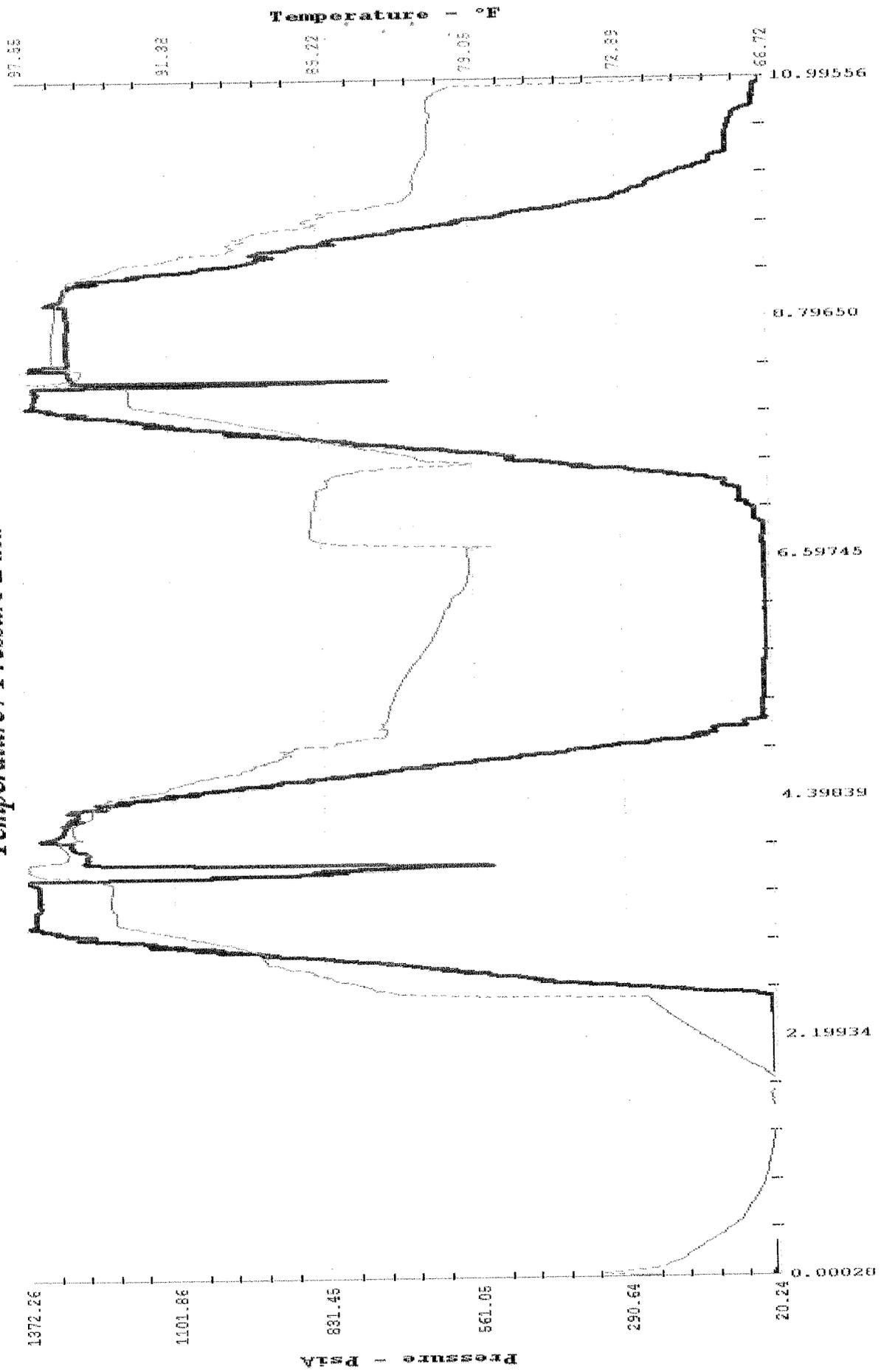
JARS	YES	EXTRA PACKER (3RD)	NO
SAFETY JOINT	YES	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	22 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	2721	BOTTOM RECORDER DEPTH	2722
RECORDER NUMBER	91986	RECORDER NUMBER	5463

WELL INFORMATION

DRILLING CONTRACTOR	PETROMARK RIG #2	DRILL COLLAR LENGTH	60
DRILL PIPE LENGTH	2624	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		MUD WEIGHT #/GAL	9.3
WEIGHT PIPE I.D.	2.25	VISCOSITY	38
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	9.4
		CHLORIDES-PITS	35,000
		CHLORIDES-DST	

COMMENTS

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

(316) 792-6902 KB/955

Date 8-20-06 Location 19-21-14W Elevation 1950 County Stafford

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

Charts Mailed to 9431 E. Central Suite 100 Wichita KS 67204

Drilling Contractor Petromark Drilling REC #2

Length Drill Pipe 20642 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2 XH

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

Length Drill Collars 60 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 XH

Top Packer Depth 2723 Bottom Packer Depth 2728 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 2728 TO 2774 ANCHOR LENGTH 46 TOTAL DEPTH 2774 Hole Size 7 7/8

LEASE & WELL NO. BAUER "A" FORMATION TESTED --- TEST NO. 6

Mud Weight 9.3 Viscosity 44 Water Loss 14.8 Chlorides - Pits 34,000 D.S.T. 35,000

Maximum Temp. 95 °F Initial Hydrostatic Pressure (A) 1300 P.S.I. Final Hydrostatic Pressure (H) 1263 P.S.I.

Tool Open I.F.P. from 5:55 m to 6:00 m 5 min

Tool Closed I.C.I.P. from 6:00 m to 7:00 m 60 min

Tool Open F.F.P. from 7:00 m to 7:45 m 45 min

Tool Closed F.C.I.P. from 7:45 m to 8:45 m 60 min

from [B] <u>211</u> P.S.I. to [C] <u>218</u> P.S.I.
[D] <u>427</u> P.S.I.
from [E] <u>1089</u> P.S.I. to [F] <u>1136</u> P.S.I.
[G] <u>1137</u> P.S.I.

Initial Blow strong blow bottom 5 gallon bucket less than 1 minute

Final Blow no blow flushed tool no good surge no blow

Total Feet Recovered _____ Gravity of Oil _____ Corrected

240 Feet of water cut mud %Gas _____ %Oil 20 %Mud 10 %Water

240 Feet of water cut mud %Gas _____ %Oil 20 %Mud 20 %Water

240 Feet of water cut mud %Gas _____ %Oil 20 %Mud 20 %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 slit to bottom 10 feet

Extra Equipment - Jars Yes Safety Joint Yes Extra Packer --- Straddle --- Hook Wall ---

Top Recorder No. 4005 Clock No. electronic Depth 2770 Cir. Sub _____ Sampler _____

Bottom Recorder No. 7875 Clock No. 3435 Depth 2771 Insurance _____

Price of Job _____

Tool Operator NATHAN WARE

Approved By _____

NIO 14181

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 L.L.C.

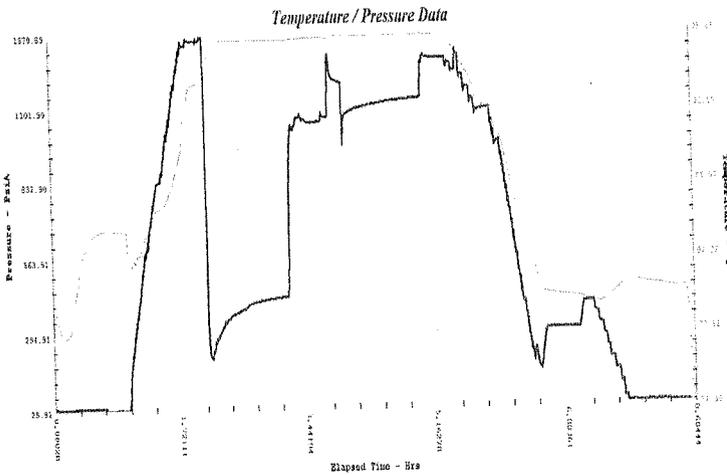
DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

1(800)792-6902

Company: F.G. HOLL COMPANY LLC.

TWP. 21 RGE. 14W
Lease & Well No. BAUER A #1-19 Test #: 6 Date: 08-20-2006



- | | | |
|---|------------------------------|------|
| 1 | Initial Hydrostatic Pressure | 1366 |
| 2 | Initial Flow Pressure | 211 |
| 3 | Final Initial Flow Pressure | 218 |
| 4 | Initial Shut-In Pressure | 427 |
| 5 | Initial Final Flow Pressure | 1081 |
| 6 | Final Flow Pressure | 1136 |
| 7 | Final Shut-In Pressure | 1137 |
| 8 | Final Hydrostatic Pressure | 1263 |

Maximum Temperature

GENERAL INFORMATION

COMPANY NAME		F.G. HOLL COMPANY LLC.	
TEST DATE	8/20/06	LEASE AND WELL NUMBER	BAUER A #1-19
SECTION-TOWN-RANGE	19-21-14W	FORMATION TESTED	
STATE	KANSAS	DRILL STEM TEST NUMBER	6
COUNTY	STAFFORD	REPORT NUMBER	14181
ELEVATION GROUND LEVEL	1950	ELEVATION KELLY BUSHINGS	1955
COMPANY REPRESENTATIVE	BILL	TESTING ENGINEER	NATHAN MANRING

TOOL SETTING INFORMATION

TEST INTERVAL (From)	2728	TOP PACKER DEPTH	2723
TEST INTERVAL (to)	2774	BOTTOM PACKER DEPTH	2728
ANCHOR LENGTH	46	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	2774	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

TOOL OPEN (from)	5:55	TOOL OPEN (from)	7:00
INITIAL OPEN TOOL OPEN (to)	6:00	FINAL OPEN TOOL OPEN (to)	7:45
DURATION (min.)	5	DURATION (min.)	45
TOOL CLOSED (from)	6:00	TOOL CLOSED (from)	7:45
INITIAL SHUT-IN TOOL CLOSED (to)	7:00	FINAL SHUT-IN TOOL CLOSED (to)	8:45
DURATION (min.)	60	DURATION (min.)	60

INITIAL FLOW

STRONG BLOW BOTTOM 5 GALLON BUCKET LESS THAN 1 MINUTE

FINAL FLOW

NO BLOW FLUSHED TOOL GOOD SURGE NO HELP

Feet of Recovery	RESISTIVITY	AT	DEGREES	CHLORIDES			
				% GAS	% OIL	% MUD	% WATER
1) 240	WATER CUT MUD					90	20
2) 240	WATER CUT MUD					80	20
3) 240	WATER CUT MUD						
4)							
5)							

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME F.G. HOLL COMPANY LLC.
TEST DATE 8/20/06
SECTION-TOWN-RANGE 19-21-14W
STATE KANSAS
COUNTY STAFFORD
ELEVATION GROUND LEVEL 1950
COMPANY REPRESENTATIVE BILL

LEASE AND WELL NUMBER BAUER A #1-19
FORMATION TESTED
DRILL STEM TEST NUMBER 6
REPORT NUMBER 14181
ELEVATION KELLY BUSHINGS 1955
TESTING ENGINEER GENE BUDIG

EXTRA EQUIPMENT

JARS NO
SAFETY JOINT NO
ELECTRONIC RECORDER YES
CIRCULATING SUB NO
TOP RECORDER DEPTH 2770
RECORDER NUMBER 4005

EXTRA PACKER (3RD) NO
EXTRA PACKER (4TH) NO
STRADDLE NO
HOOK WALL NO
SAMPLER NO
BOTTOM RECORDER DEPTH 2771
RECORDER NUMBER 7875

22 MILES ROUND TRIP FROM **GREAT BEND**

WELL INFORMATION

DRILLING CONTRACTOR PETROMARK DRILLING RIG #2
DRILL PIPE LENGTH 2642
DRILL PIPE I.D. 3.8
TOOL JOINT SIZE 4 1/2 X.H.

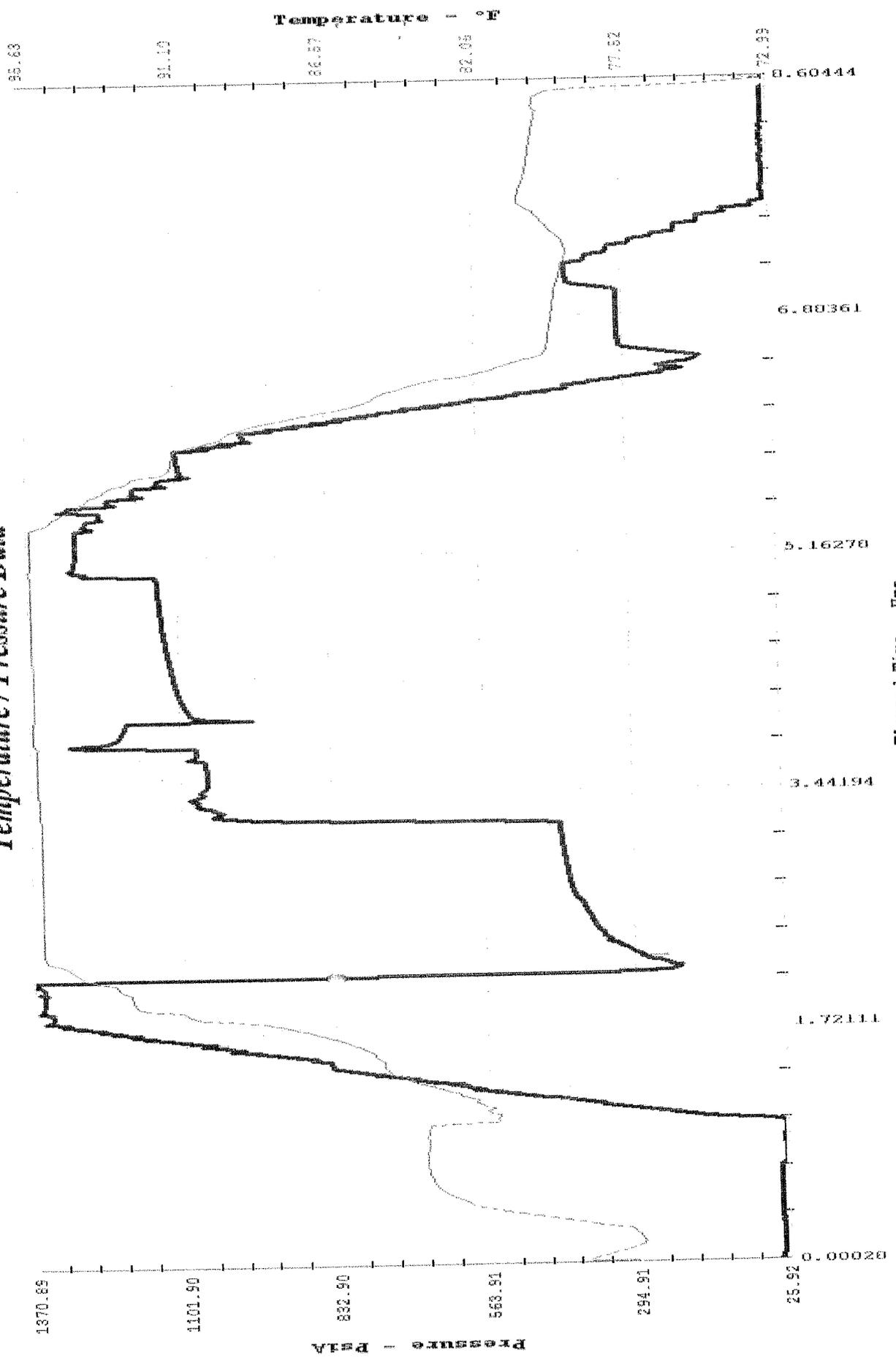
DRILL COLLAR LENGTH 60
DRILL COLLAR I.D. 2.25
TOOL JOINT SIZE 4 1/2 X.H.

WEIGHT PIPE LENGTH
WEIGHT PIPE I.D. 2.25
TOOL JOINT SIZE 4 1/2 X.H.

MUD WEIGHT #/GAL 9.3
VISCOSITY 44
WATER LOSS 14.8
CHLORIDES-PITS 34,000
CHLORIDES-DST

COMMENTS

Temperature / Pressure Data



LeHuey
Superior Testers Enterprises, Inc.

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

(316) 792-6902 KB1955

Date 8-06 Location 19-21-14W Elevation 1950 County Stafford

Company F O Hall Company LLC Number of Copies 5

Charts Mailed to 9431 E Central St #100 Wichita KS 67206

Drilling Contractor Petromark Drilling Rig #2

Length Drill Pipe 2940 I.D. Drill Pipe 2.25 Tool Joint Size 4 1/2 XH

Length Weight Pipe _____ I.D. Weight Pipe _____ Tool Joint Size _____

Length Drill Collars 60 I.D. Drill Collars 3.8 Tool Joint Size 4 1/2 XH

Top Packer Depth 2821 Bottom Packer Depth 2826 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 2826 TO 2902 ANCHOR LENGTH 76 TOTAL DEPTH 2902 Hole Size 7 1/8

LEASE & WELL NO. Bayer "A" FORMATION TESTED Test TEST NO. 7

Mud Weight 9.1 Viscosity 39 Water Loss 102 Chlorides - Pits 25000 D.S.T. 79,000

Maximum Temp. 100 °F Initial Hydrostatic Pressure (A) 1940 P.S.I. Final Hydrostatic Pressure (H) 1412 P.S.I.

Tool Open I.F.P. from 10:35 m to 10:50 m 15 min

Tool Closed I.C.I.P. from 10:50 m to 11:20 m 30 min

Tool Open F.F.P. from 11:20 m to 12:05 m 45 min

Tool Closed F.C.I.P. from 12:05 m to 1:35 m 90 min

from [B] <u>118</u>	P.S.I. to [C] <u>147</u>	P.S.I.
[D] <u>568</u>		P.S.I.
from [E] <u>183</u>	P.S.I. to [F] <u>244</u>	P.S.I.
[G] <u>247</u>		P.S.I.

Initial Blow Fair Blow ~~20000~~ 7 inches into Bucket in 15min

Final Blow Slam Blow 2 inches off Bottom of Bucket in 15min

Total Feet Recovered _____ Gravity of Oil _____ Corrected

<u>300</u>	Feet of <u>watery mud</u>	% Gas	% Oil	% Mud	% Water
	Feet of <u>CHLORIDES 79000</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

Remarks _____

Extra Equipment - Jars Yes Safety Joint Yes Extra Packer _____ Straddle _____ Hook Wall _____

Top Recorder No. 4005 Clock No. Electronic Depth 2898 Cir. Sub _____ Sampler _____

Bottom Recorder No. 7875 Clock No. 3435 Depth 2898 Insurance _____

Price of Job _____

Tool Operator Jan Eduh

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.

No 14182

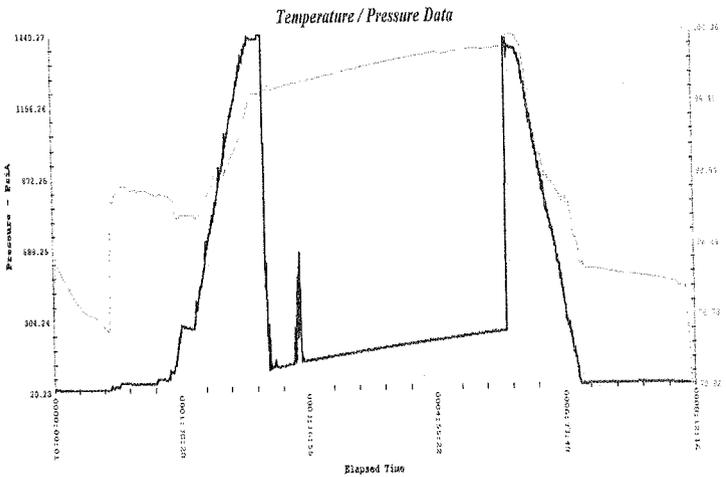
SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

1(800)792-6902

Company: F.G HOLL COMPANY L.L.C
 RGE. 14
 Lease & Well No. BAYER "A" Test #: 7 Date: 8-21-06 SEC. 19 TWP. 21



- 1 Initial Hydrostatic Pressure 1440
- 2 Initial Flow Pressure 118
- 3 Final Initial Flow Pressure 147
- 4 Initial Shut-In Pressure 568
- 5 Initial Final Flow Pressure 183
- 6 Final Flow Pressure 244
- 7 Final Shut-In Pressure 247
- 8 Final Hydrostatic Pressure 1412

Maximum Temperature 100

GENERAL INFORMATION

COMPANY NAME F.G HOLL COMPANY L.L.C

TEST DATE 8/21/06	LEASE AND WELL NUMBER BAYER "A"
SECTION-TOWN-RANGE 19-21-14	FORMATION TESTED TERRKIA
STATE KANSAS	DRILL STEM TEST NUMBER 7
COUNTY STAFFORD	REPORT NUMBER 14182
ELEVATION GROUND LEVEL 1950	ELEVATION KELLY BUSHINGS 1955
COMPANY REPRESENTATIVE BILL REE	TESTING ENGINEER JARED SCHEK

TOOL SETTING INFORMATION

TEST INTERVAL (From) 2826	TOP PACKER DEPTH 2821
TEST INTERVAL (to) 2902	BOTTOM PACKER DEPTH 2826
ANCHOR LENGTH 76	NUMBER OF PACKERS 2
TOTAL DEPTH (ft) 2902	PACKER SIZE 6 3/4
	HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 10:35P	TOOL OPEN (from) 11:20
INITIAL OPEN TOOL OPEN (to) 10:50	FINAL OPEN TOOL OPEN (to) 12:05A
DURATION (min.) 15	DURATION (min.) 45
TOOL CLOSED (from) 10:50	TOOL CLOSED (from) 12:05
INITIAL SHUT-IN TOOL CLOSED (to) 11:20	FINAL SHUT-IN TOOL CLOSED (to) 1:35A
DURATION (min.) 30	DURATION (min.) 90

INITIAL FLOW FAIR BLOW BUILT 7 INCHES IN TO BUCKET IN 15 MIN

FINAL FLOW STRONG BLOW 2 INCHES OFF BOTTOM OF 5 GAL BUCKET IN 45 MIN

Feet of Recovery	RESISTIVITY	AT	DEGREES	CHLORIDES			
				% GAS	% OIL	% MUD	% WATER
1) 300	WATER CUT MUD						
2)	CH						
3)							
4)							
5)							

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	F.G HOLLC OMPANY L.L.C	LEASE AND WELL NUMBER	BAYER "A"
TEST DATE	8/21/06	FORMATION TESTED	TERRKIA
SECTION-TOWN-RANGE	19-21-14	DRILL STEM TEST NUMBER	7
STATE	KANSAS	REPORT NUMBER	14182
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1955
ELEVATION GROUND LEVEL	1950	TESTING ENGINEER	JARED SCHECK
COMPANY REPRESENTATIVE	BILL REE		

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
	14 MILES ROUND TRIP FROM		
	GREAT BEND		
TOP RECORDER DEPTH	2898	BOTTOM RECORDER DEPTH	2899
RECORDER NUMBER		RECORDER NUMBER	

WELL INFORMATION

DRILLING CONTRACTOR	PETEROMARK RIR #2	DRILL COLLAR LENGTH	60
DRILL PIPE LENGTH	2740	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		MUD WEIGHT #/GAL	9.1
WEIGHT PIPE I.D.	2.25	VISCOSITY	39
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	10.2
		CHLORIDES-PITS	25,000
		CHLORIDES-DST	79,000

COMMENTS

Temperature / Pressure Data

