

19-21s-15w
15-145-21673

(800) 792-6902

Initial Hydrostatic		941	P.S.I. Final Hydrostatic		906	P.S.I. Maximum Temp.		86	F
Initial Opening	42	P.S.I. to	47	P.S.I. from	7:35 pm	to	7:50 pm	15	minutes
Initial Shut-in	253	P.S.I. from	7:50 pm	to	8:20 pm	30	minutes		
Final Opening	50	P.S.I. to	52	P.S.I. from	8:20 pm	to	8:35 pm	15	minutes
Final Shut-in	124	P.S.I. from	8:35 pm	to	9:05 pm	30	minutes		

[illegible]

Total Feet Recovered 25 Recovery Chlorides 43,000 Rw. -15 ohms @ 80 Degrees
Gravity of oil _____ Corrected Gas to Surface in _____ minutes into the _____
Max. Gas Gauged _____ MCF/day See Gas Flow Report Was a gas sample taken _____
Comments _____

Extra Equipment-Jars Yes Safety Joint Yes Circulating Sub Straddle
Electronic Recorder No. 47441 Depth 1946 Extra Packer (3rd) Hook Wall
Bottom Recorder No. 13214 Depth 1947 Extra Packer (4th) Sampler
Tool Operator Approved By

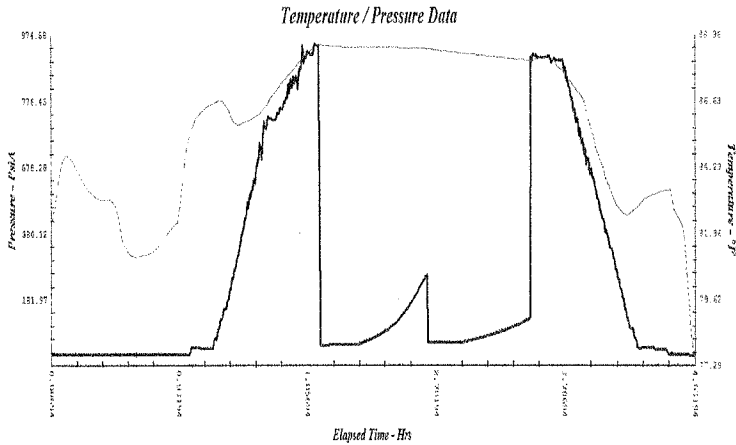
Ticket No. 15495

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	941
2	Initial Flow Pressure	42
3	Final Initial Flow Pressure	47
4	Initial Shut-In Pressure	253
5	Initial Final Flow Pressure	50
6	Final Flow Pressure	52
7	Final Shut-In Pressure	124
8	Final Hydrostatic Pressure	906

Maximum Temperature 86

GENERAL INFORMATION

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

TEST DATE 5/22/08

SECTION-TOWN-RANGE 19-21-15W

STATE KANSAS

COUNTY PAWNEE

ELEVATION GROUND LEVEL 1967

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER WARD FEED YARD "A"

FORMATION TESTED HERRINGTON

DRILL STEM TEST NUMBER 1

REPORT NUMBER 15495

ELEVATION KELLY BUSHINGS 1977

TESTING ENGINEER JARED SCHECK

TOOL SETTING INFORMATION

TEST INTERVAL (From) 1886

TEST INTERVAL (to) 1950

ANCHOR LENGTH 64

TOTAL DEPTH (ft) 1950

TOP PACKER DEPTH 1881

BOTTOM PACKER DEPTH 1886

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 7:35P

TOOL OPEN (to) 7:50

DURATION (min.) 15

INITIAL SHUT-IN

TOOL CLOSED (from) 7:50

TOOL CLOSED (to) 8:20

DURATION (min.) 30

FINAL OPEN

TOOL OPEN (from) 8:20

TOOL OPEN (to) 8:35

DURATION (min.) 15

FINAL SHUT-IN

TOOL CLOSED (from) 8:35

TOOL CLOSED (to) 9:05P

DURATION (min.) 30

INITIAL FLOW

VERY WEAK BUT BUILDING BLOW BUILT 1 INCH INTO BUCKET IN 30 MIN
NO BLOW BACK

FINAL FLOW

VERY WEAL BUT BUILDING BLOW BUILT 1 INCH IN TO BUCKET IN 15 MIN
NO BLOW BACK

Company: F.G HOLL COMPANY L.L.C
SEC. 19 TWP. 21 RGE. 15
Lease & Well No. WARD FEED YARD "A" 1-19 Test #: 1 Date: 5-22-08

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	WARD FEED YARD "A" 1-19
TEST DATE	5/22/08	FORMATION TESTED	HERRINGTON
SECTION-TOWN-RANGE	19-21-15W	DRILL STEM TEST NUMBER	1
STATE	KANSAS	REPORT NUMBER	15495
COUNTY	PAWNEE	ELEVATION KELLY BUSHINGS	1977
ELEVATION GROUND LEVEL	1967	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
	36 MILES ROUND TRIP FROM		GREAT BEND
TOP RECORDER DEPTH	1946	BOTTOM RECORDER DEPTH	1947
RECORDER NUMBER	4023	RECORDER NUMBER	3088

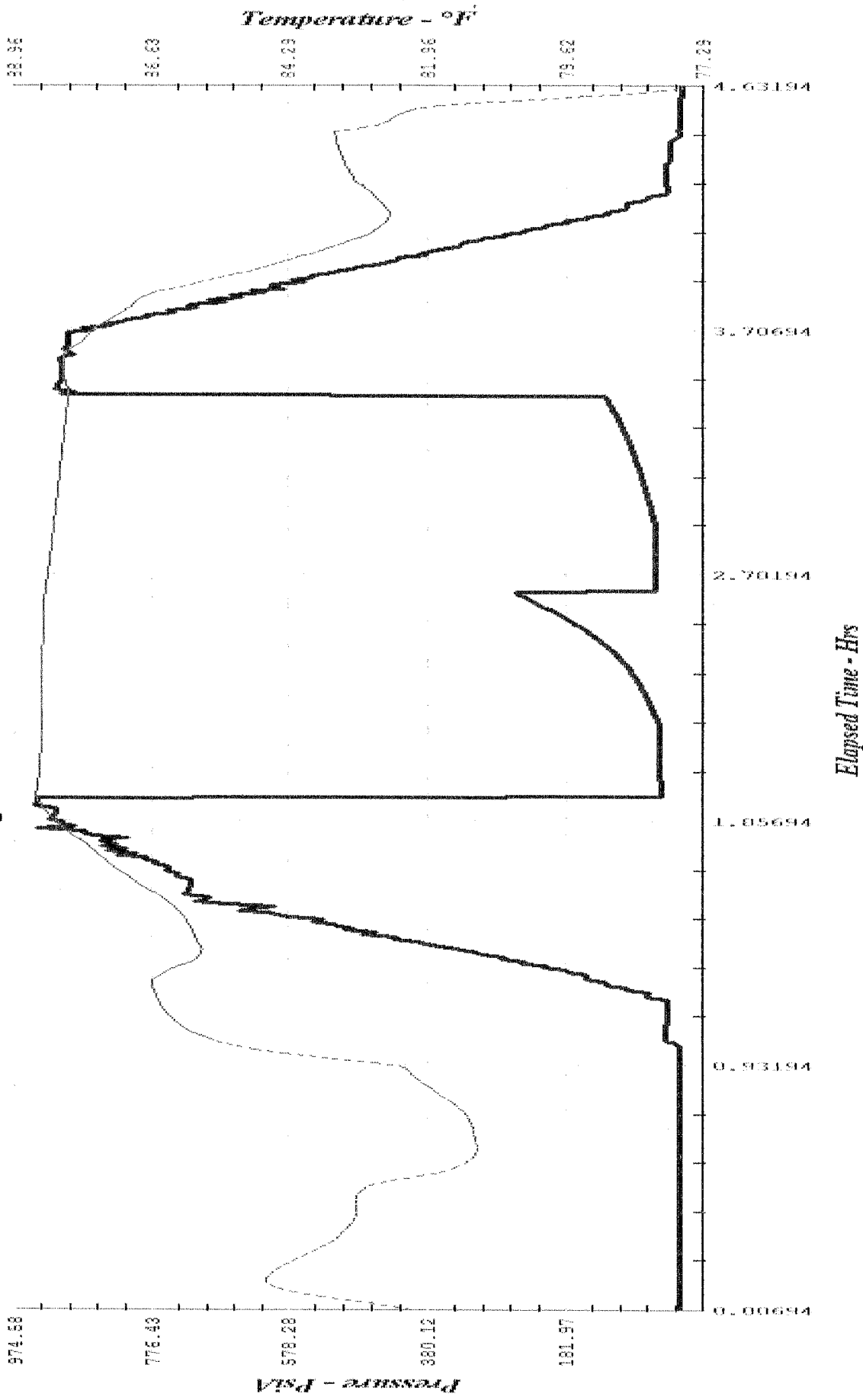
WELL INFORMATION

DRILLING CONTRACTOR	DUKE RIG #8	DRILL COLLAR LENGTH	
DRILL PIPE LENGTH	1860	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.		
CHLORIDES-PITS	17,000	MUD WEIGHT #/GAL	8.7
CHLORIDES-DST	43,000	VISCOSITY	65
		WATER LOSS	8.8

COMMENTS

Drill Pipe	I.D.	Feet	Recovery Description For Drill Pipe	Gas	Oil	Mud	Water	Total bbls.
4 1/2	3.82	25	WATERY MUD			70%	30%	0.3550
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
Drill Collars	I.D.		Recovery Description For Drill Collars	0.0000	0.0000	0.2485	0.1065	
	2.25							0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
Total Recovery		25 Feet	Total bbls. Recovered From Drill Pipe	0.0000	0.0000	0.2485	0.1065	Total
			Total bbls. Recovered From Drill Collars	0.0000	0.0000	0.0000	0.0000	bbls
			Total bbls Recovered	0.0000	0.0000	0.2485	0.1065	0.3550
				Gas	Oil	Mud	Water	
			Gravity of Oil Corrected					
MUD WEIGHT #/GAL	8.7		Resistivity	0.15	ohms @	80	Degrees	
VISCOSITY	65		Recovery Chlorides	43	ppm			
WATER LOSS	8.8		Pit Chlorides	17,000	ppm			
			4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D					
			WARD FEED YARD "A" 1-19	19-21-15W	5-22-08	DST#1		
			F.G HOLL COMPANY L.L.C					

Temperature / Pressure Data



Tool serial number: 93835
 Test start: 05/22/2008 22:13:41

(800) 792-6902

Initial Hydrostatic		P.S.I. Final Hydrostatic		Time		Duration	
Initial Opening	44	P.S.I. to	46	P.S.I. from	5 : 00 Am to 5 : 15 Am	15	minutes
Initial Shut-in	578	P.S.I. from	5 : 15 Am to 5 : 45 Am	30	minutes		
Final Opening	46	P.S.I. to	46	P.S.I. from	5 : 45 Am to 6 : 00 Am	15	minutes
Final Shut-in	546	P.S.I. from	6 : 00 Am to 6 : 30 Am	30	minutes		

Total Feet Recovered 10 Recovery Chlorides 50,000 Rv. -15 ohms @ 72 Degrees
Gravity of oil _____ Corrected Gas to Surface in _____ minutes into the _____
Max. Gas Gauged _____ MCF/day See Gas Flow Report Was a gas sample taken _____
Comments _____

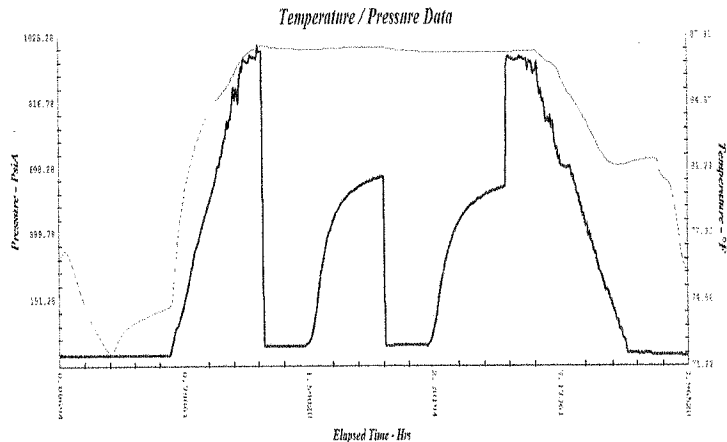
Extra Equipment-Jars Yes Safety Joint Yes Circulating Sub _____ Straddle 1
Electronic Recorder No. 4744 Depth 1969 Extra Packer (3rd) 1 Hook Wall 1
Bottom Recorder No 13214 Depth 1970 Extra Packer (4th) 1 Sampler 1
Tool Operator [Signature] Approved By _____

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	976
2	Initial Flow Pressure	44
3	Final Initial Flow Pressure	46
4	Initial Shut-In Pressure	578
5	Initial Final Flow Pressure	46
6	Final Flow Pressure	46
7	Final Shut-In Pressure	546
8	Final Hydrostatic Pressure	958

Maximum Temperature 86

GENERAL INFORMATION

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

TEST DATE 5/23/08

SECTION-TOWN-RANGE 19-21-15W

STATE KANSAS

COUNTY PAWNEE

ELEVATION GROUND LEVEL 1967

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER WARD FEED YARD "A"

FORMATION TESTED WINFIELD

DRILL STEM TEST NUMBER 2

REPORT NUMBER 15496

ELEVATION KELLY BUSHINGS 197

TESTING ENGINEER JARED SCHECK

TOOL SETTING INFORMATION

TEST INTERVAL (From) 1990

TEST INTERVAL (to) 1973

ANCHOR LENGTH -17

TOTAL DEPTH (ft) 1973

TOP PACKER DEPTH 1985

BOTTOM PACKER DEPTH 1990

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 5:00A

TOOL OPEN (to) 5:15

DURATION (min.) 15

INITIAL SHUT-IN

TOOL CLOSED (from) 5:15

TOOL CLOSED (to) 5:45

DURATION (min.) 30

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

INITIAL FLOW

VERY WEAK BUT BUILDING BLOW BUILT 1 INCH INTO BUCKET IN 15 MIN
NO BLOW BACK

FINAL FLOW

WEAK SURFACE BLOW DID NOT BUILD
NO BLOW BACK

Company: F.G HOLL COMPANY L.L.C
SEC. 19 TWP. 21 RGE. 15

Lease & Well No. WARD FEED YARD "A" 1-19 Test #: 2 Date: 5-23-08

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	E.G HOLL COMPANY L.L.C	LEASE AND WELL NUMBER	WARD FEED YARD "A" 1-19
TEST DATE	5/23/08	FORMATION TESTED	WINFIELD
SECTION-TOWN-RANGE	19-21-15W	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	15496
COUNTY	PAWNEE	ELEVATION KELLY BUSHINGS	197
ELEVATION GROUND LEVEL	1967	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
	36 MILES ROUND TRIP FROM		GREAT BEND
TOP RECORDER DEPTH	1969	BOTTOM RECORDER DEPTH	1970
RECORDER NUMBER	4023	RECORDER NUMBER	3088

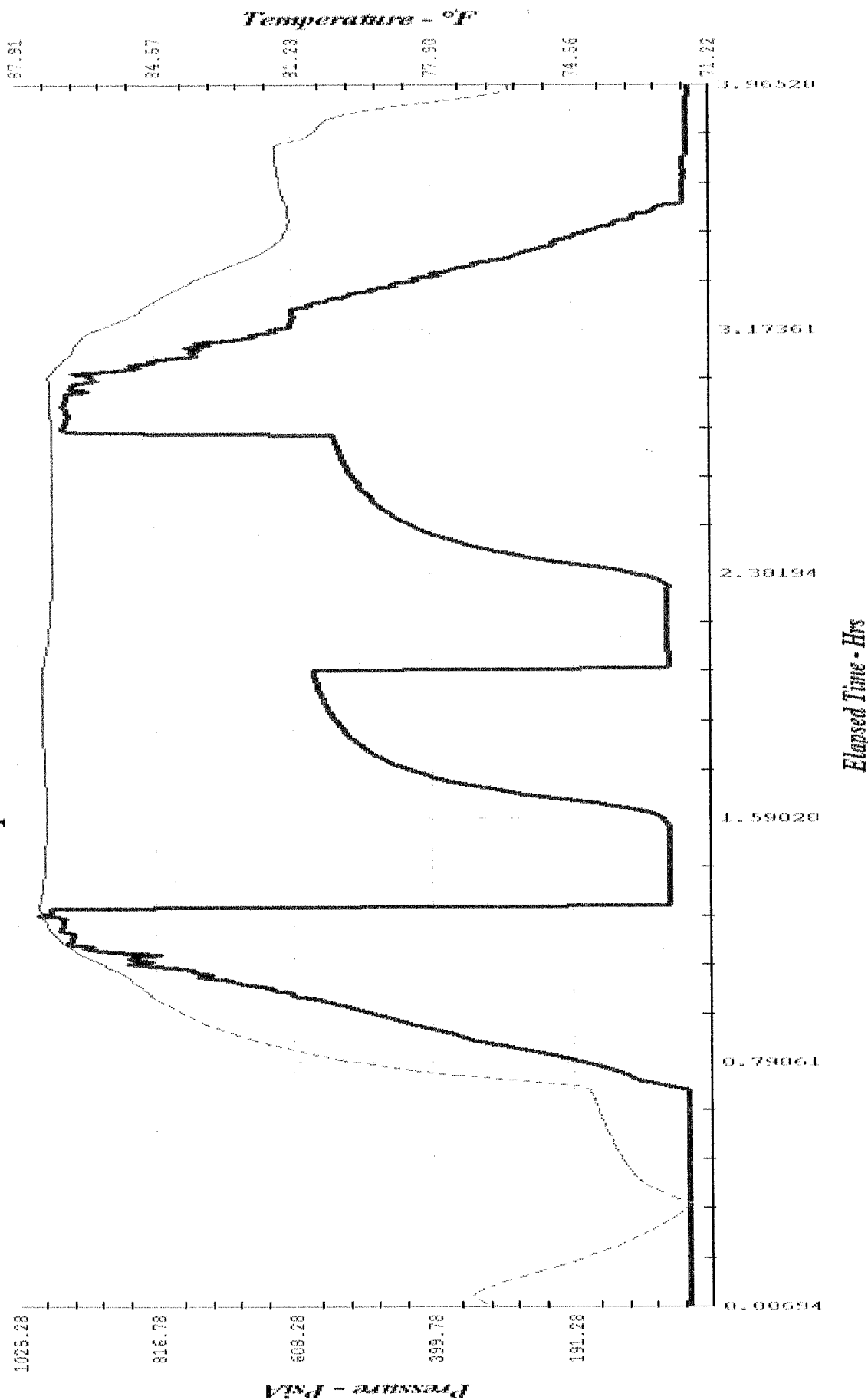
WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG #8	DRILL COLLAR LENGTH	
DRILL PIPE LENGTH	1914	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.		
CHLORIDES-PITS	17,000	MUD WEIGHT #/GAL	8.7
CHLORIDES-DST	50,000	VISCOSITY	65
		WATER LOSS	8.8

COMMENTS

[illegible]

Temperature / Pressure Data



Tool serial number: 93335
 Test start: 05/23/2008 07:44:21

(800) 792-6902

Initial Opening	100	P.S.I. to	74	P.S.I. from	2:44	m to	2:59	m	15	minutes
Initial Shut-in	594	P.S.I.		P.S.I. from	2:59	m to	3:29	m	30	minutes
Final Opening	77	P.S.I. to	78	P.S.I. from	3:29	m to	3:44	m	15	minutes
Final Shut-in	582	P.S.I.		P.S.I. from	3:44	m to	4:14	m	30	minutes

[illegible]

Total Feet Recovered 60 Recovery Chlorides 60,000 Rw. .1 ohms @ 90 Degrees
Gravity of oil _____ Corrected Gas to Surface in _____ minutes into the _____
Max. Gas Gauged _____ MCF/day See Gas Flow Report Was a gas sample taken _____
Comments _____

Extra Equipment-Jars Yes Safety Joint Yes Circulating Sub _____ Straddle _____
Electronic Recorder No. 47441 Depth 2031 Extra Packer (3rd) _____ Hook Wall _____
Bottom Recorder No 13214 Depth 2032 Extra Packer (4th) _____ Sampler _____
Tool Operator [Signature] Approved By _____

Ticket No. 15497

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

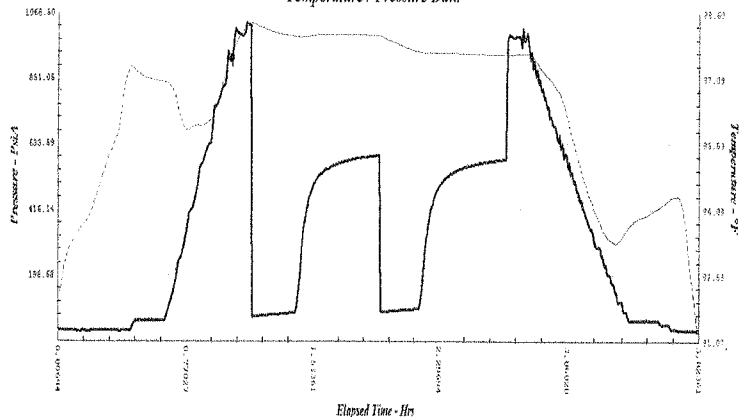
DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F.G HOLL COMPANY L.L.C
SEC. 19 TWP. 21 RGE. 15

Lease & Well No. WARD FEED YARD "A" 1-19 Test #: 3 Date: 5-23-08

Temperature / Pressure Data



Tool serial number: 5535
Test start: 05/23/2008 17:01:06

1	Initial Hydrostatic Pressure	1028
2	Initial Flow Pressure	60
3	Final Initial Flow Pressure	74
4	Initial Shut-In Pressure	594
5	Initial Final Flow Pressure	77
6	Final Flow Pressure	78
7	Final Shut-In Pressure	582
8	Final Hydrostatic Pressure	997

Maximum Temperature 86

GENERAL INFORMATION

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

TEST DATE 5/23/08

SECTION-TOWN-RANGE 19-21-15W

STATE KANSAS

COUNTY PAWNEE

ELEVATION GROUND LEVEL 1967

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER WARD FEED YARD "A"

FORMATION TESTED WINFIELD

DRILL STEM TEST NUMBER 3

REPORT NUMBER 15497

ELEVATION KELLY BUSHINGS 1977

TESTING ENGINEER JARED SCHECK

TOOL SETTING INFORMATION

TEST INTERVAL (From) 1978

TEST INTERVAL (to) 2035

ANCHOR LENGTH 57

TOTAL DEPTH (ft) 2035

TOP PACKER DEPTH 1973

BOTTOM PACKER DEPTH 1978

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 2:44P

TOOL OPEN (to) 2:59

DURATION (min.) 15

INITIAL SHUT-IN

TOOL CLOSED (from) 2:59

TOOL CLOSED (to) 3:29

DURATION (min.) 30

FINAL OPEN

TOOL OPEN (from) 3:29

TOOL OPEN (to) 3:44

DURATION (min.) 15

FINAL SHUT-IN

TOOL CLOSED (from) 3:44

TOOL CLOSED (to) 4:14

DURATION (min.) 30

INITIAL FLOW

WEAK BUT BUILDING BLOW BUILT 6 INCHES INTO BUCKET IN 15 MIN
NO BLOW

FINAL FLOW

WEAK BUT BUILDING BLOW BUILT 4 INCHES INTO BUCKET IN 15 MIN
NO BLOW BACK

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	WARD FEED YARD "A"1-19
TEST DATE	5/23/08	FORMATION TESTED	WINFIELD
SECTION-TOWN-RANGE	19-21-15W	DRILL STEM TEST NUMBER	3
STATE	KANSAS	REPORT NUMBER	15497
COUNTY	PAWNEE	ELEVATION KELLY BUSHINGS	1977
ELEVATION GROUND LEVEL	1967	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
	36 MILES ROUND TRIP FROM		GREAT BEND
TOP RECORDER DEPTH	2031	BOTTOM RECORDER DEPTH	2032
RECORDER NUMBER	4023	RECORDER NUMBER	3088

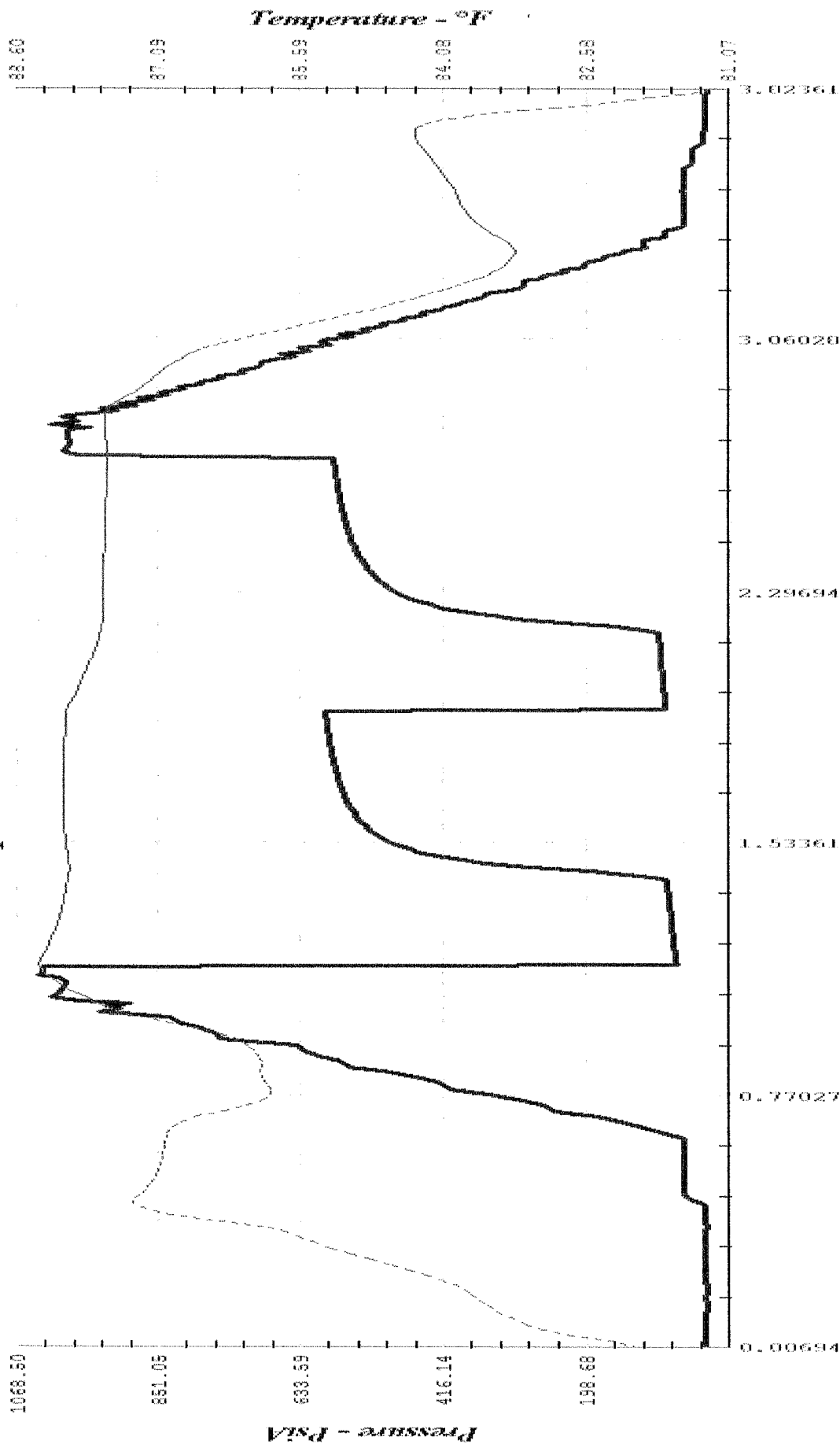
WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG #8	DRILL COLLAR LENGTH	
DRILL PIPE LENGTH	1952	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.		
CHLORIDES-PITS	49,000	MUD WEIGHT #/GAL	9.35
CHLORIDES-DST	60,000	VISCOSITY	48
		WATER LOSS	9.6

COMMENTS

[illegible]

Temperature / Pressure Data



Tool serial number: 93335
 Test start: 05/23/2008 17:28:36

(800) 792-6902

Initial Blow Strong Blow Bait Bottom of Bucket in Sea Blow back on the 1st Shut-in. NO Blow Back

Final Blow Strong Blow Bottom of Bucket in 1min
Blow back on the 2nd Shut-in NO Blow Back

Initial Hydrostatic 1202 P.S.I. Final Hydrostatic 1144 P.S.I. Maximum Temp. 93 F

Initial Opening	57	P.S.I. to	63	P.S.I. from	12:10	P.m to	12:15	P.m	5	minutes
Initial Shut-in	284	P.S.I.		P.S.I. from	12:15	P.m to	1:15	P.m	60	minutes
Final Opening	63	P.S.I. to	76	P.S.I. from	1:15	P.m to	2:45	P.m	30	minutes
Final Shut-in	248	P.S.I.		P.S.I. from	1:45	P.m to	2:45	P.m	60	minutes

[illegible]

Comments _____

Tool Operator [Signature] Approved By _____

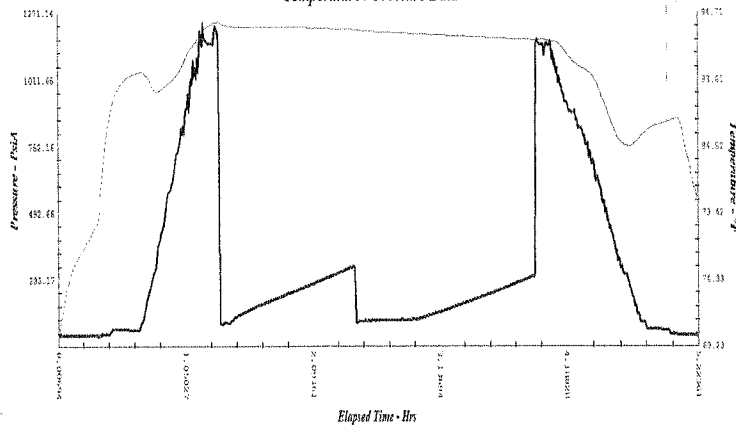
SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

1(800)792-6902

GREAT BEND, KANSAS 67530

Temperature / Pressure Data



Tool serial number: 93085
Test start: 05/24/2008 15:07:06

1	Initial Hydrostatic Pressure	1202
2	Initial Flow Pressure	57
3	Final Initial Flow Pressure	63
4	Initial Shut-In Pressure	284
5	Initial Final Flow Pressure	63
6	Final Flow Pressure	76
7	Final Shut-In Pressure	248
8	Final Hydrostatic Pressure	1144

Maximum Temperature 93

GENERAL INFORMATION

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

TEST DATE 5/24/08

SECTION-TOWN-RANGE 19-21-15W

STATE KANSAS

COUNTY PAWNEE

ELEVATION GROUND LEVEL 1967

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER WARD FEED YARD "A"

FORMATION TESTED CROUSE

DRILL STEM TEST NUMBER 4

REPORT NUMBER 15498

ELEVATION KELLY BUSHINGS 1977

TESTING ENGINEER JARED SCHECK

TOOL SETTING INFORMATION

TEST INTERVAL (From) 2263

TEST INTERVAL (to) 2295

ANCHOR LENGTH 32

TOTAL DEPTH (ft) 2295

TOP PACKER DEPTH 2258

BOTTOM PACKER DEPTH 2263

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 12:10P

TOOL OPEN (to) 12:15

DURATION (min.) 5

INITIAL SHUT-IN

TOOL CLOSED (from) 12:15

TOOL CLOSED (to) 1:15

DURATION (min.) 60

FINAL OPEN

TOOL OPEN (from) 1:15

TOOL OPEN (to) 1:45

DURATION (min.) 30

FINAL SHUT-IN

TOOL CLOSED (from) 1:45

TOOL CLOSED (to) 2:45P

DURATION (min.) 60

INITIAL FLOW STRONG BLOW BOTTOM OF BUCKET IN 5 MIN
NO BLOW BACK

FINAL FLOW STRONG BLOW BOTTOM OF BUCKET IN 1 MIN
NO BLOW BACK

Company: F.G HOLL COMPANY L.L.C
SEC. 19 TWP. 21 RGE. 15
Lease & Well No. WARD FEED YARD "A" 1-19 Test #: 4 Date: 5-24-08

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	WARD FEED YARD "A"1-19
TEST DATE	5/24/08	FORMATION TESTED	CROUSE
SECTION-TOWN-RANGE	19-21-15W	DRILL STEM TEST NUMBER	4
STATE	KANSAS	REPORT NUMBER	15498
COUNTY	PAWNEE	ELEVATION KELLY BUSHINGS	1977
ELEVATION GROUND LEVEL	1967	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
	36 MILES ROUND TRIP FROM		GREAT BEND
TOP RECORDER DEPTH	2291	BOTTOM RECORDER DEPTH	2292
RECORDER NUMBER	4023	RECORDER NUMBER	3088

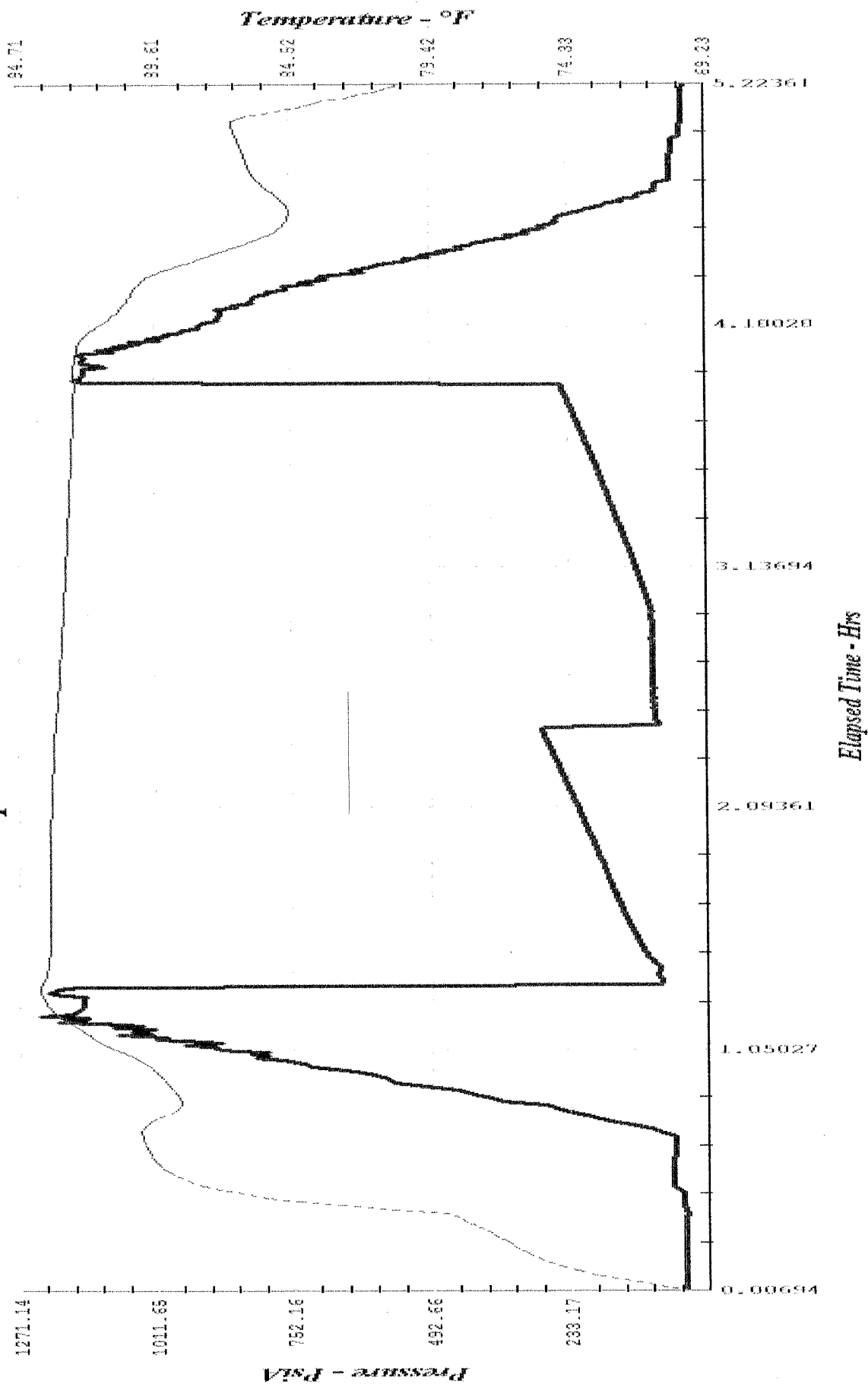
WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG #8	DRILL COLLAR LENGTH	
DRILL PIPE LENGTH	2237	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.		
CHLORIDES-PITS	60,000	MUD WEIGHT #/GAL	9.4
CHLORIDES-DST	70,000	VISCOSITY	45
		WATER LOSS	10.4

COMMENTS

[illegible]

Temperature / Pressure Data



Tool serial number: 93335

Test start: 05/24/2008 16:07:36

(800) 792-6902

Final Shut-in 96 P.S.I. from 7:29 pm to 1:59 pm 30 minutes

Extra Equipment-Jars Yes Safety Joint Yes Circulating Sub _____ Straddle _____
Electronic Recorder No. 47441 Depth 2673 Extra Packer (3rd) _____ Hook Wall _____
Bottom Recorder No 13214 Depth 2674 Extra Packer (4th) _____ Sampler _____
Tool Operator [Signature] Approved By _____

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	WARD FEED YARD "A"1-19
TEST DATE	5/25/08	FORMATION TESTED	WABAUNSEE
SECTION-TOWN-RANGE	19-21-15W	DRILL STEM TEST NUMBER	5
STATE	KANSAS	REPORT NUMBER	15499
COUNTY	PAWNEE	ELEVATION KELLY BUSHINGS	1977
ELEVATION GROUND LEVEL	1967	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
	36 MILES ROUND TRIP FROM		GREAT BEND
TOP RECORDER DEPTH	2673	BOTTOM RECORDER DEPTH	2674
RECORDER NUMBER	4023	RECORDER NUMBER	3088

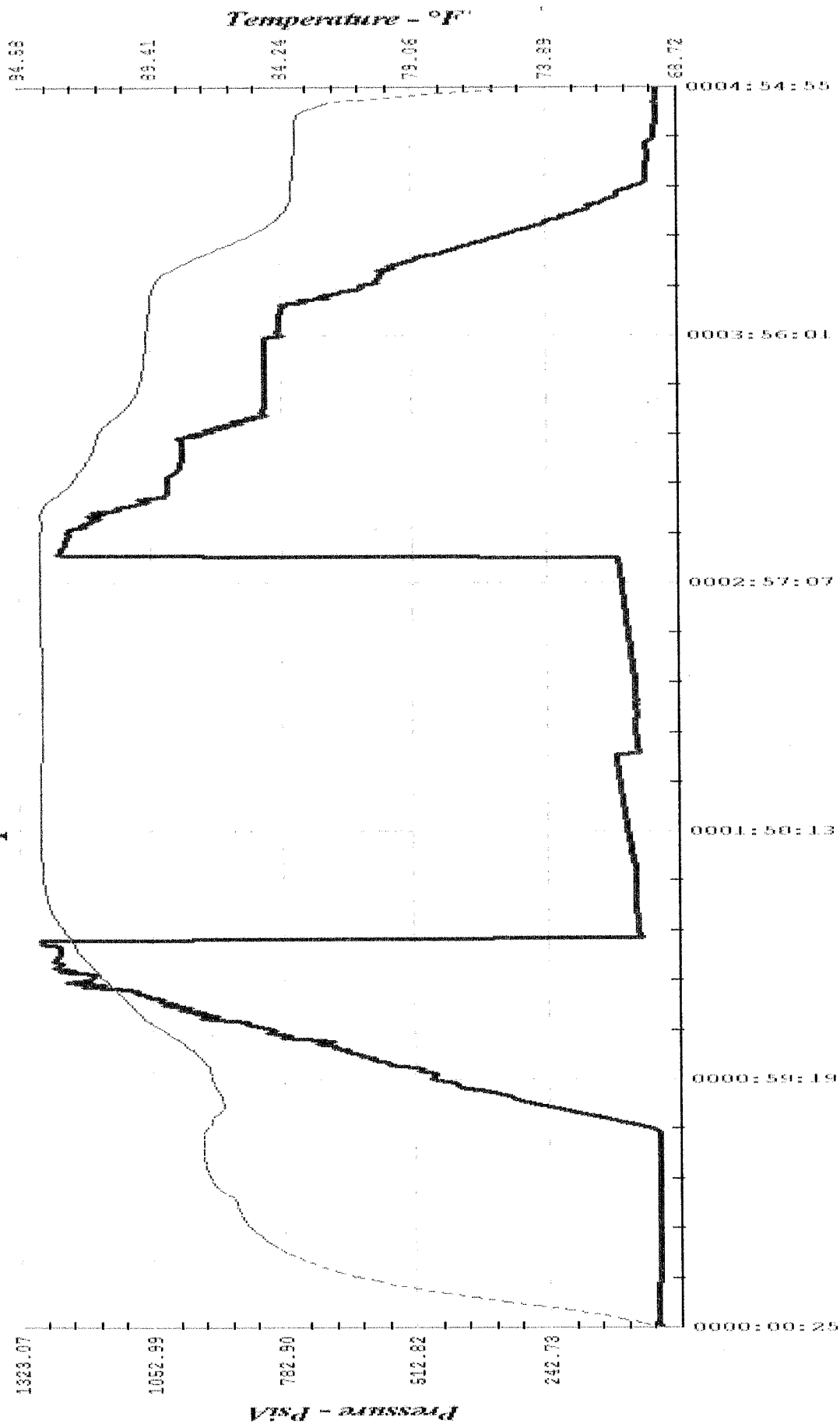
WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG #8	DRILL COLLAR LENGTH	
DRILL PIPE LENGTH	2614	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.		
CHLORIDES-PITS	5,000	MUD WEIGHT #/GAL	8.7
CHLORIDES-DST		VISCOSITY	41
		WATER LOSS	7.6

COMMENTS

Drill Pipe	I.D.	Feet		Recovery Description For Drill Pipe	Gas	Oil	Mud	Water	Total bbls.
4 1/2	3.82	45	DRILLING MUD				100%		0.6390
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Drill Collars	I.D.			Recovery Description For Drill Collars	0.0000	0.0000	0.6390	0.0000	
	2.25								0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Total Recovery	45	Feet		Total bbls. Recovered From Drill Pipe	0.0000	0.0000	0.6390	0.0000	Total
				Total bbls. Recovered From Drill Collars	0.0000	0.0000	0.0000	0.0000	bbls
				Total bbls Recovered	0.0000	0.0000	0.6390	0.0000	0.6390
					Gravity of Oil Corrected				
					Resistivity	ohms @			
MUD WEIGHT #/GAL	8.7	VISCOSITY	41	Recovery Chlorides		ppm			
WATER LOSS		7.6	Pit Chlorides	5,000		ppm			
					4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D				
F.G HOLL COMPANY L.L.C	WARD FEED YARD "A"	1-19	19-21-15W	5-25-08	DST#5				

Temperature / Pressure Data



Tool serial number: 93335
 Test start: 05/25/2008 21:56:07

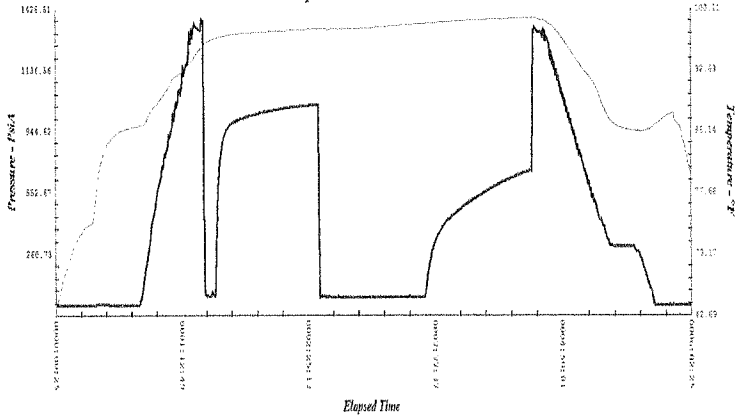
SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Temperature / Pressure Data



1	Initial Hydrostatic Pressure	1371
2	Initial Flow Pressure	59
3	Final Initial Flow Pressure	60
4	Initial Shut-In Pressure	968
5	Initial Final Flow Pressure	53
6	Final Flow Pressure	53
7	Final Shut-In Pressure	648
8	Final Hydrostatic Pressure	1322

Maximum Temperature 98

GENERAL INFORMATION

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

TEST DATE 5/26/08

SECTION-TOWN-RANGE 19-21-15W

STATE KANSAS

COUNTY PAWNEE

ELEVATION GROUND LEVEL 1967

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER WARD FEED YARD "A "

FORMATION TESTED WILLARD SAND

DRILL STEM TEST NUMBER 6

REPORT NUMBER 15500

ELEVATION KELLY BUSHINGS 1977

TESTING ENGINEER JARED SCHECK

TOOL SETTING INFORMATION

TEST INTERVAL (From) 2783

TEST INTERVAL (to) 2814

ANCHOR LENGTH 31

TOTAL DEPTH (ft) 2814

TOP PACKER DEPTH 2778

BOTTOM PACKER DEPTH 2783

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 10:59A

TOOL OPEN (to) 11:04

DURATION (min.) 5

INITIAL SHUT-IN

TOOL CLOSED (from) 11:04

TOOL CLOSED (to) 12:04

DURATION (min.) 60

FINAL OPEN

TOOL OPEN (from) 12:04

TOOL OPEN (to) 1:04

DURATION (min.) 60

FINAL SHUT-IN

TOOL CLOSED (from) 1:04

TOOL CLOSED (to) 2:04P

DURATION (min.) 60

INITIAL FLOW

STRONG BLOW BOTTOM OF BUCKET LESS THEN 1 MIN
NO BLOW BACK

FINAL FLOW

STRONG BLOW BOTTOM OF BUCKET IN LESS THEN 1 MIN
NO BLOW BACK

Company: F.G HOLL COMPANY L.L.C
SEC. 19 TWP. 21 RGE. 15

Lease & Well No. WARD FEED YARD "A" 1-19 Test #: 6 Date: 5-26-08

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	E.G HOLL COMPANY L.L.C	LEASE AND WELL NUMBER	WARD FEED YARD"A"1-19
TEST DATE	5/26/08	FORMATION TESTED	WILLARD SAND
SECTION-TOWN-RANGE	19-21-15W	DRILL STEM TEST NUMBER	6
STATE	KANSAS	REPORT NUMBER	15500
COUNTY	PAWNEE	ELEVATION KELLY BUSHINGS	1977
ELEVATION GROUND LEVEL	1967	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
	36 MILES ROUND TRIP FROM		GREAT BEND
TOP RECORDER DEPTH	2810	BOTTOM RECORDER DEPTH	2811
RECORDER NUMBER	4023	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG #8	DRILL COLLAR LENGTH	
DRILL PIPE LENGTH	2757	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.		
CHLORIDES-PITS	10,000	MUD WEIGHT #/GAL	8.8
CHLORIDES-DST		VISCOSITY	46
		WATER LOSS	5.6

COMMENTS

SUPERIOR TESTERS ENTERPRISES L.L.C.

GREAT BEND, KANSAS

GAS FLOW RATE

(800) 792-6902

#

STATE..... KANSAS

Test Date 5-26:08

COUNTY..... PAWNEE

Sec Town Range 19-21-15W

FIELD.....

Report Number 15500

Initial Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPEN 10:59A CLOSE TOOL 11:04A							
NO GAS TO SURFACE							

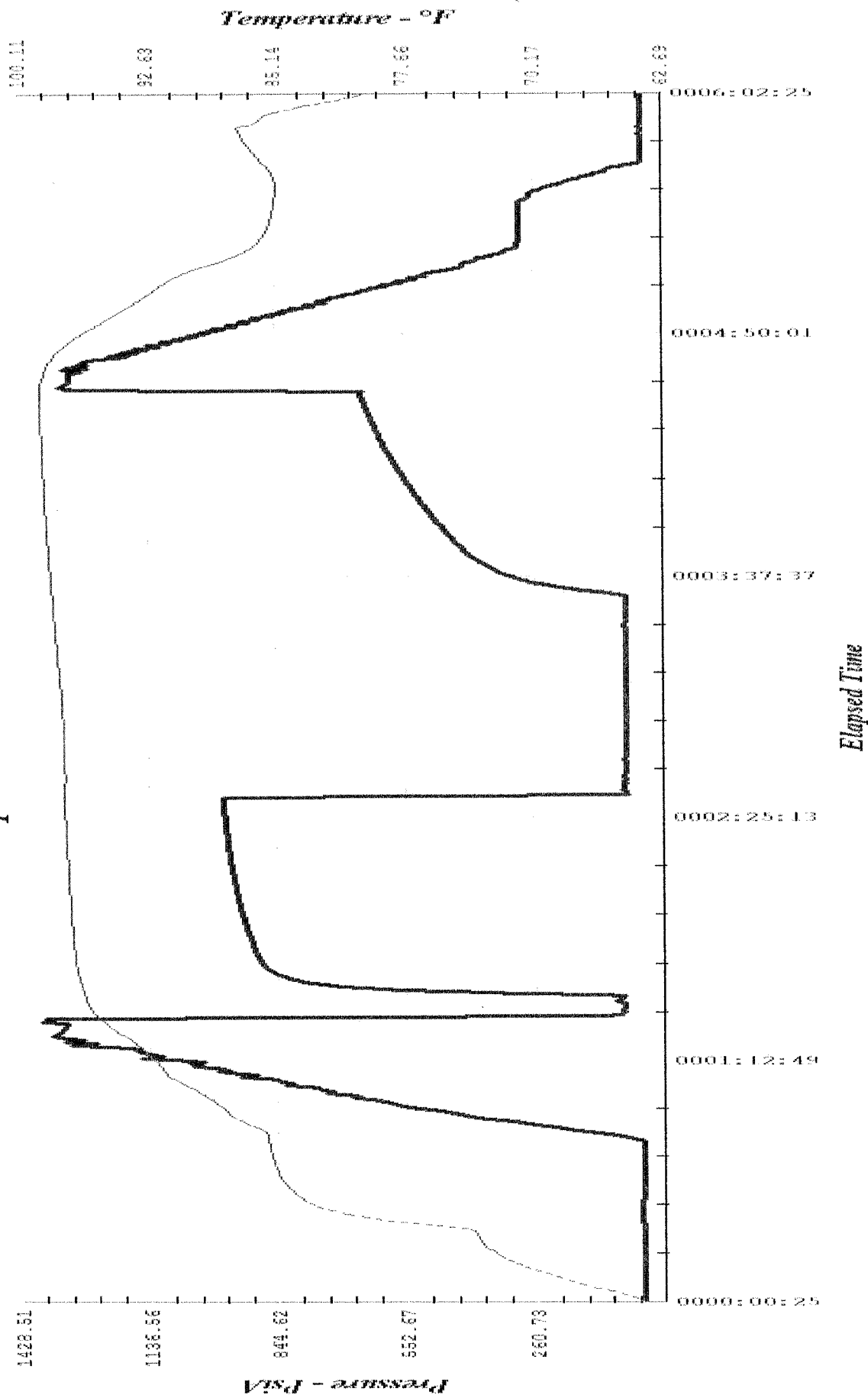
Final Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
OPEN TOOL	12:09P	5	72			1/2	53.200
12:04P	12:14	10	64			1/2	50.200
GAS TO SURFACE	12:24	10	54			1/2	46.100
12:09	12:34	10	54			3/8	26.200
	12:44	10	54			3/8	26.200
	12:54	10	30			3/8	19.500
	1:04P	10	30			3/8	19.500
GAS SAMPLE WAS TAKEN							

Was there a gas sample taken

YES

Temperature / Pressure Data



Tool serial number: 93335
 Test start: 05/26/2008 15:39:38

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

Company F G Holl Company LLC
Address 9431 E Central Suite #100 Wichita KS 67206
Lease & # Ward Feed Yard "A" 1-19 Sec. 19 Twp 21 Rng 15
Date 5-28-2008 County Pawnee Elevation 1967 G.L. 1977 K.B.
Drilling Contractor Duke Drilling Rig #8
Drill Pipe Length 3414 I.D. of Drill Pipe 5.8 Tool Joint Size 4 1/2 XH
Drill Collar Length I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2 XH
Mud Weight 9.0 Viscosity 51 Filtrate 7.2 Chlorides-Pits 8000 DST
Top Packer Depth 3435 Bottom Packer Depth 3440 Number of Packers 2
Tested From 3440 to 3502 Total Depth 3502 Anchor Length 62
Test # 7 Formation Tested Lansing A-D
Initial Blow Weak But Building Blow B 112.1 Hole Size 7 7/8

Initial Blow Weak But Building Blow Built 2 inches in 30min Hole Size 7 7/8

Final Blow Weak But Building Blow Built 2 1/2 inches into Bucket 30min Blow back on the 1st Shut-in no Blow Back

Initial Hydrostatic 1803 P.S.I. Final Hydrostatic 1680 Blow back on the 2nd Shut-in _____
Initial Opening 61 P.S.I. Maximum Temp. 106 F

Initial Opening	61	P.S.I. to	67	P.S.I.	from	8 : 13 A m	to	8 : 43 A m	30	minutes
Initial Shut-in	912	P.S.I.			from	8 : 43 A m	to	9 : 43 A m	60	minutes
Final Opening	68	P.S.I. to	70	P.S.I.	from	9 : 43 A m	to	10 : 13 A m	30	minutes
Final Shut-in	351	P.S.I.			from	10 : 13 A m	to	11 : 14 A m	60	minutes

[illegible]

Total Feet Recovered 25 Recovery Chlorides _____ Rw. _____ ohms @ _____ Degrees
Gravity of oil _____ Corrected Gas to Surface in _____ minutes into the _____
Max. Gas Gauged _____ MCF/day See Gas Flow Report Was a gas sample taken _____
Comments _____

Extra Equipment-Jars Yes Safety Joint Yes Circulating Sub _____ Straddle _____
Electronic Recorder No. 47441 Depth 3498 Extra Packer (3rd) _____ Hook Wall _____
Bottom Recorder No 13214 Depth 3499 Extra Packer (4th) _____ Sampler _____
Tool Operator [Signature] Approved By _____

Ticket No. 15301

SUPERIOR TESTERS ENTERPRISES L.L.C.

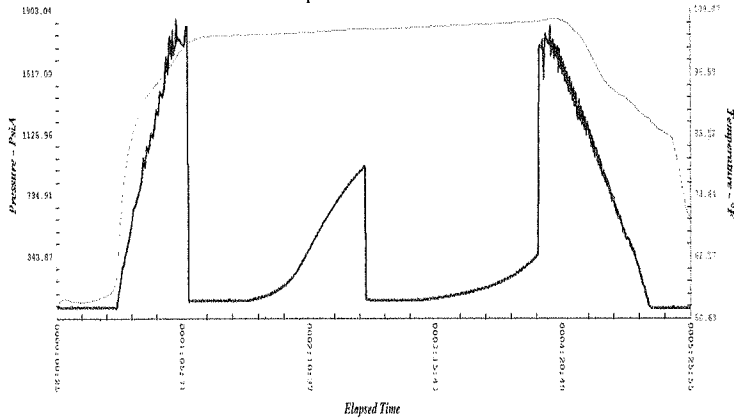
1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F.G HOLL COMPANY L.L.C
SEC. 19 TWP. 21 RGE. 15
Lease & Well No. WARD FEED YARD "A" 1-19 Test #: 7 Date: 5-28-08

Temperature / Pressure Data



Tool serial number: 53035
Test start: 05/28/2008 13:58:25

1	Initial Hydrostatic Pressure	1803
2	Initial Flow Pressure	61
3	Final Initial Flow Pressure	67
4	Initial Shut-In Pressure	917
5	Initial Final Flow Pressure	68
6	Final Flow Pressure	70
7	Final Shut-In Pressure	351
8	Final Hydrostatic Pressure	1680

Maximum Temperature 106

GENERAL INFORMATION

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

TEST DATE 5/28/08

SECTION-TOWN-RANGE 19-21-15W

STATE KANSAS

COUNTY PAWNEE

ELEVATION GROUND LEVEL 1967

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER WARD FEED YARD "A"

FORMATION TESTED lanning "a-d"

DRILL STEM TEST NUMBER 7

REPORT NUMBER 15301

ELEVATION KELLY BUSHINGS 1977

TESTING ENGINEER JARED SCHECK

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3440

TEST INTERVAL (to) 3502

ANCHOR LENGTH 62

TOTAL DEPTH (ft) 3502

TOP PACKER DEPTH 3435

BOTTOM PACKER DEPTH 3440

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 9:13

TOOL OPEN (to) 8:43

DURATION (min.) 30

INITIAL SHUT-IN

TOOL CLOSED (from) 8:43

TOOL CLOSED (to) 9:43

DURATION (min.) 60

FINAL OPEN

TOOL OPEN (from) 9:43

TOOL OPEN (to) 10:13

DURATION (min.) 30

FINAL SHUT-IN

TOOL CLOSED (from) 10:13

TOOL CLOSED (to) 11:13

DURATION (min.) 60

INITIAL FLOW

WEAK BUILDING BLOW BUILT TO 12 INCHES INTO THE WATER

FINAL FLOW

WEAK BUILDING BLOW BUILT TO 2 1/2 INCHES INTO THE WATER
NO BLOW BACK

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	WARD FEED YARD"A"1-19
TEST DATE	5/28/08	FORMATION TESTED	lansing "a-d
SECTION-TOWN-RANGE	19-21-15W	DRILL STEM TEST NUMBER	7
STATE	KANSAS	REPORT NUMBER	15301
COUNTY	PAWNEE	ELEVATION KELLY BUSHINGS	1977
ELEVATION GROUND LEVEL	1967	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
	36 MILES ROUND TRIP FROM		GREAT BEND
TOP RECORDER DEPTH	3498	BOTTOM RECORDER DEPTH	3499
RECORDER NUMBER	4023	RECORDER NUMBER	3088

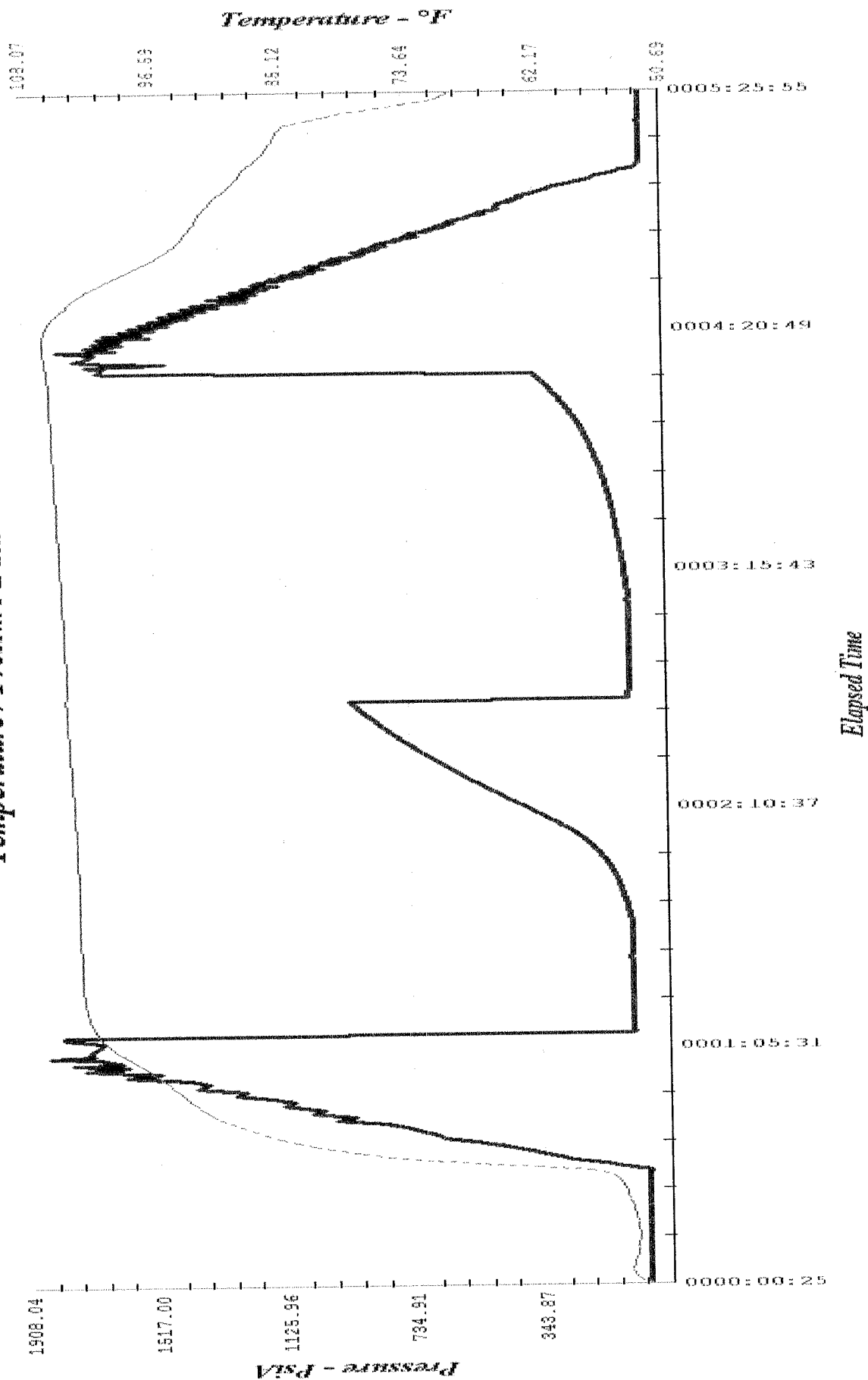
WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG #8	DRILL COLLAR LENGTH	
DRILL PIPE LENGTH	3414	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.		
CHLORIDES-PITS	8,000	MUD WEIGHT #/GAL	9
CHLORIDES-DST		VISCOSITY	51
		WATER LOSS	27.2

COMMENTS

[illegible]

Temperature / Pressure Data



Tool serial number: 93335
 Test start: 05/28/2008 13:38:23

(800) 792-6902

Initial Opening	<u>65</u>	P.S.I. to	<u>66</u>	P.S.I.	from	<u>11:53 A</u>	m to	<u>12:08 P</u>	m	<u>15</u>	minutes
Initial Shut-in	<u>82</u>			P.S.I.	from	<u>12:08 P</u>	m to	<u>12:38 P</u>	m	<u>30</u>	minutes
Final Opening	<u>65</u>	P.S.I. to	<u>72</u>	P.S.I.	from	<u>12:38</u>	m to	<u>12:53</u>	m	<u>15</u>	minutes
Final Shut-in	<u>81</u>			P.S.I.	from	<u>12:53</u>	m to	<u>1:23</u>	m	<u>30</u>	minutes

[illegible]

Extra Equipment-Jars	<u>NO</u>	Safety Joint	<u>NO</u>	Circulating Sub	<u>NO</u>	Straddle	<u>NO</u>
Electronic Recorder No.	<u>47441</u>	Depth	<u>3230</u>	Extra Packer (3rd)	<u>NO</u>	Hook Wall	<u>NO</u>
Bottom Recorder No.	<u>13214</u>	Depth	<u>3731</u>	Extra Packer (4th)	<u>NO</u>	Sampler	<u>NO</u>
Tool Operator	<u>Radell 3 Million</u>			Approved By			

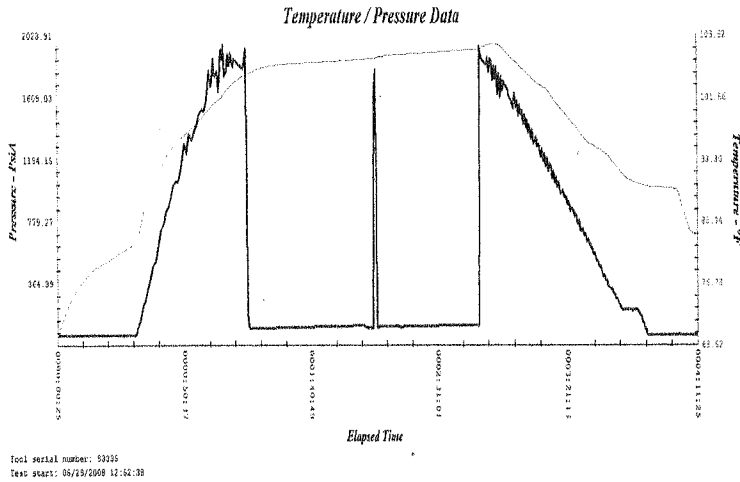
Ticket No. 15302

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	1932
2	Initial Flow Pressure	65
3	Final Initial Flow Pressure	66
4	Initial Shut-In Pressure	82
5	Initial Final Flow Pressure	65
6	Final Flow Pressure	72
7	Final Shut-In Pressure	81
8	Final Hydrostatic Pressure	1882

Maximum Temperature 108

GENERAL INFORMATION

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

TEST DATE 5/29/08

SECTION-TOWN-RANGE 19-21-15

STATE KANSAS

COUNTY PAWNEE

ELEVATION GROUND LEVEL 1967

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER WARD FEED YARD "A" 1-19

FORMATION TESTED CONGL

DRILL STEM TEST NUMBER #8

REPORT NUMBER 15302

ELEVATION KELLY BUSHINGS 1967

TESTING ENGINEER RANDY WILLIAMS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3682

TEST INTERVAL (to) 3735

ANCHOR LENGTH 53

TOTAL DEPTH (ft) 3735

TOP PACKER DEPTH 3677

BOTTOM PACKER DEPTH 3682

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 11:53

TOOL OPEN (to) 12:08

DURATION (min.) 15

INITIAL SHUT-IN

TOOL CLOSED (from) 12:08

TOOL CLOSED (to) 12:38

DURATION (min.) 30

FINAL OPEN

TOOL OPEN (from) 12:38

TOOL OPEN (to) 12:53

DURATION (min.) 15

FINAL SHUT-IN

TOOL CLOSED (from) 12:53

TOOL CLOSED (to) 1:23

DURATION (min.) 30

INITIAL FLOW

WEAK BLOW BUILT TO 3 INCH INTO WATER IN 15 MINS
NO BLOW BACK

FINAL FLOW

NO BLOW FLUSHED TOOL 5 MINS INTO OPEN WEAK BLOW BUILT TO 1 INCH
INTO WATER STEADY FLOW FOR 15 MINS
NO BLOW BACK

Company: F.G. HOLL COMPANY L.L.C. Lease & Well No. WARD FEED YARD "A" 1-19 Test #: 8 Date: 5-29-08 SEC. 19 TWP. 21 RGE. 15

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	 WARD FEED YARD "A" 1-19
TEST DATE	 5/29/08	FORMATION TESTED	 CONGL
SECTION-TOWN-RANGE	 19-21-15	DRILL STEM TEST NUMBER	 8
STATE	 KANSAS	REPORT NUMBER	 15302
COUNTY	 PAWNEE	ELEVATION KELLY BUSHINGS	 8
ELEVATION GROUND LEVEL	 1967	TESTING ENGINEER	 RANDY WILLIAMS
COMPANY REPRESENTATIVE	 BILL REE		

EXTRA EQUIPMENT

JARS	 NO	EXTRA PACKER (3RD)	 NO
SAFETY JOINT	 NO	EXTRA PACKER (4TH)	 NO
ELECTRONIC RECORDER	 NO	STRADDLE	 NO
CIRCULATING SUB	 NO	HOOK WALL	 NO
		SAMPLER	 NO
	36 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	 3730	BOTTOM RECORDER DEPTH	 3731
RECORDER NUMBER	 4023	RECORDER NUMBER	 3088

WELL INFORMATION

DRILLING CONTRACTOR	 DUKE DRILLING C.O. INC RIG #8	DRILL COLLAR LENGTH	 0
DRILL PIPE LENGTH	 3656	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.		
CHLORIDES-PITS	 6,200	MUD WEIGHT #/GAL	 9.1
CHLORIDES-DST		VISCOSITY	 52
		WATER LOSS	 9.6

COMMENTS

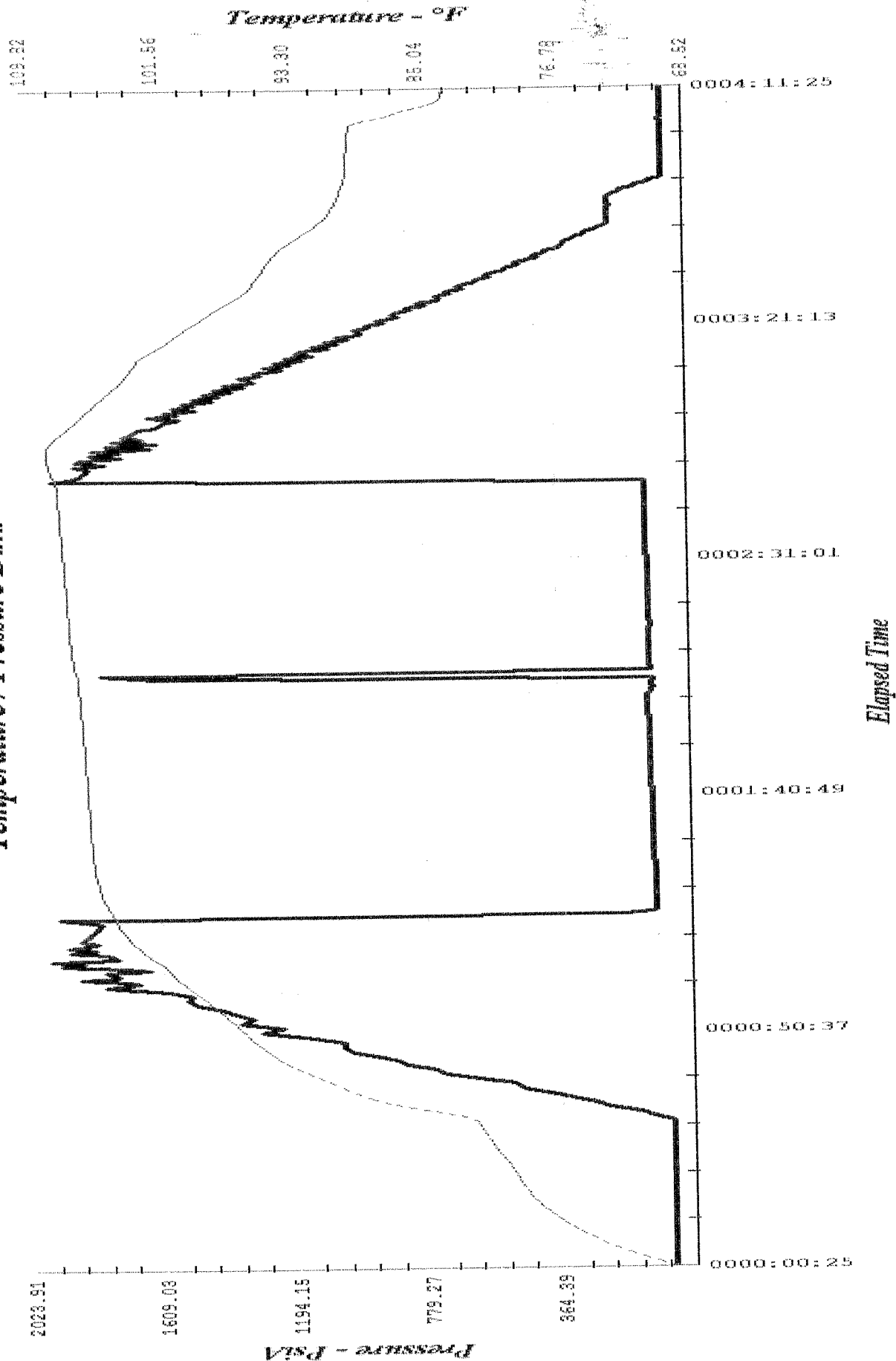
SLID TOOL 8 FEET TO BOTTEM ON INTAL OPEN
FLUSHED TOOL ON 2ND OPEN

Drill Stem Test Report

Great Bend, Kansas 67530

[illegible]

Temperature / Pressure Data



Tool serial number: 93335

Test start: 05/29/2008 12:52:38

(800) 792-6902

Ticket No. 15303

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

ELECTRONIC
RECORDER
RAN FOR
ONLY 12
MINUTES
PRESSURES
ARE FROM
THE OUTSIDE
KUSTETR
RECORDER
#13214

1	Initial Hydrostatic Pressure	1825
2	Initial Flow Pressure	308
3	Final Initial Flow Pressure	1288
4	Initial Shut-In Pressure	1365
5	Initial Final Flow Pressure	67
6	Final Flow Pressure	173
7	Final Shut-In Pressure	434
8	Final Hydrostatic Pressure	1767

Maximum Temperature

GENERAL INFORMATION

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

TEST DATE 5/30/08

SECTION-TOWN-RANGE 19-21-15W

STATE KANSAS

COUNTY PAWNEE

ELEVATION GROUND LEVEL 1967

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER WARD FEED YARD "A" 1

FORMATION TESTED VIOLA

DRILL STEM TEST NUMBER 9

REPORT NUMBER 15303

ELEVATION KELLY BUSHINGS 1975

TESTING ENGINEER RANDY WILLIAMS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3739

TEST INTERVAL (to) 3772

ANCHOR LENGTH 33

TOTAL DEPTH (ft) 3772

TOP PACKER DEPTH 3734

BOTTOM PACKER DEPTH 3739

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 1:51A

TOOL OPEN (to) 2:21

DURATION (min.) 30

INITIAL SHUT-IN

TOOL CLOSED (from) 2:21A

TOOL CLOSED (to) 3:21

DURATION (min.) 60

FINAL OPEN

TOOL OPEN (from) 3:21A

TOOL OPEN (to) 3:41

DURATION (min.) 20

FINAL SHUT-IN

TOOL CLOSED (from) 3:41

TOOL CLOSED (to) 4:11A

DURATION (min.) 30

INITIAL FLOW

VERY WEAK BUT BUILDING BLOW BUIT TO 2 1/2 INCHS INTO WATER IN 30 MINS
NO BLOW BACK

FINAL FLOW

VERY WEAK SURFACE BLOW DIAED OFF 15 MINS IN TO OPEN
NO BLOW BACK

Company: F.G. HOLL COMPANY L.L.C. Lease & Well No. WARD FEED YARD "A" 1-19 Test #: 9 Date: 5-30-08
 SEC. 19 TWP. 21 RGE. 15W

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	WARD FEED YARD "A" 1-19
TEST DATE	5/30/08	FORMATION TESTED	VIOLA
SECTION-TOWN-RANGE	19-21-15W	DRILL STEM TEST NUMBER	9
STATE	KANSAS	REPORT NUMBER	15303
COUNTY	PAWNEE	ELEVATION KELLY BUSHINGS	1975
ELEVATION GROUND LEVEL	1967	TESTING ENGINEER	RANDY WILLIAMS
COMPANY REPRESENTATIVE	BILL REE		

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	NO	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	36 MILES ROUND TRIP FROM		GREAT BEND
TOP RECORDER DEPTH	3768	BOTTOM RECORDER DEPTH	3769
RECORDER NUMBER	4023	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING CO.INC.	DRILL COLLAR LENGTH	
DRILL PIPE LENGTH	3720	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.		
CHLORIDES-PITS	6,200	MUD WEIGHT #/GAL	9.1
CHLORIDES-DST		VISCOSITY	52
		WATER LOSS	9.6

COMMENTS

TOOL SLIDE BOTTEM 5 TO 6 FEET AFTER OPEN

RUINED PACKER

Recovery Sample Description

Great Bend, Kansas 67530

[illegible]

(800) 792-6902

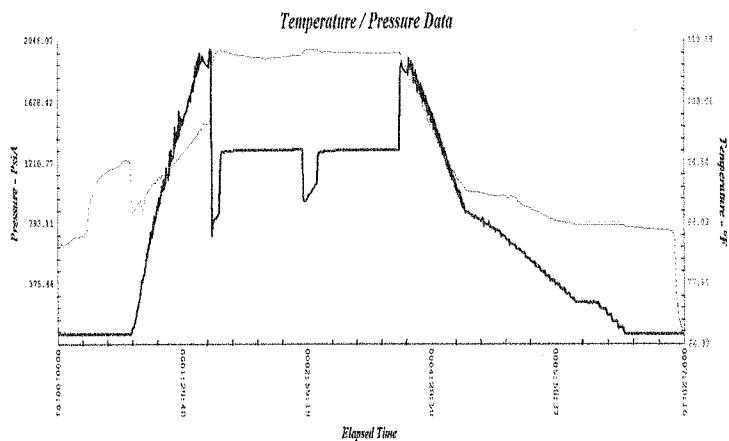
Ticket No. 15304

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

1(800)792-6902

GREAT BEND, KANSAS 67530



Tool serial number: 4143
Test starts: 05/30/2008 22:11:37

1	Initial Hydrostatic Pressure	1981
2	Initial Flow Pressure	704
3	Final Initial Flow Pressure	857
4	Initial Shut-In Pressure	1298
5	Initial Final Flow Pressure	944
6	Final Flow Pressure	1075
7	Final Shut-In Pressure	1296
8	Final Hydrostatic Pressure	1890

Maximum Temperature 117

GENERAL INFORMATION

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

TEST DATE 5/30/08

SECTION-TOWN-RANGE 19-21-15W

STATE KANSAS

COUNTY PAWNEE

ELEVATION GROUND LEVEL 1967

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER WARD FEED YARD "A"

FORMATION TESTED ARBUCKEL

DRILL STEM TEST NUMBER 10

REPORT NUMBER 15304

ELEVATION KELLY BUSHINGS 1967

TESTING ENGINEER RANDY WILLIAMS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3814

TEST INTERVAL (to) 3825

ANCHOR LENGTH 11

TOTAL DEPTH (ft) 3825

TOP PACKER DEPTH 3809

BOTTOM PACKER DEPTH 3814

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 6:24PM

TOOL OPEN (to) 6:29

DURATION (min.) 5

INITIAL SHUT-IN

TOOL CLOSED (from) 6:29

TOOL CLOSED (to) 7:29

DURATION (min.) 60

FINAL OPEN

TOOL OPEN (from) 7:29

TOOL OPEN (to) 7:39

DURATION (min.) 10

FINAL SHUT-IN

TOOL CLOSED (from) 7:39

TOOL CLOSED (to) 8:39PM

DURATION (min.) 60

INITIAL FLOW

STRONG BLOW TO BOTTEM OF BUCKET LESS THAN 1 MIN
BLOW BACK FIRST SHUT-IN

FINAL FLOW

STRONG BLOW BACK TO BOTTEM OF BUCKET LESS THAN 1 MIN
BLOW BACK SECOND SHUT IN

Company: F.G. HOLL COMPANY L.L.C. Lease & Well No. WARD FEED YARD "A" 1-19 Test #: 10 Date: 5-30-08
SEC. 19 TWP. 21 RGE. 15W

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	E.G. HOLL COMPANY L.L.C.	LEASE AND WELL NUMBER	WARD FEED YARD "A"1-19
TEST DATE	5/30/08	FORMATION TESTED	ARBUCKLE
SECTION-TOWN-RANGE	19-21-15W	DRILL STEM TEST NUMBER	10
STATE	KANSAS	REPORT NUMBER	15304
COUNTY	PAWNEE	ELEVATION KELLY BUSHINGS	1975
ELEVATION GROUND LEVEL	1967	TESTING ENGINEER	RANDY WILLIAMS
COMPANY REPRESENTATIVE	BILL REE		

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	NO	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	36 MILES ROUND TRIP FROM		GREAT BEND
TOP RECORDER DEPTH	3821	BOTTOM RECORDER DEPTH	3822
RECORDER NUMBER	4023	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING CO. INC.RIG #8		
DRILL PIPE LENGTH	3795	DRILL COLLAR LENGTH	
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.
CHLORIDES-PITS	6,200	MUD WEIGHT #/GAL	9.1
CHLORIDES-DST	46,000	VISCOSITY	52
		WATER LOSS	9.6

COMMENTS

GAS TO SURAFCE WITHIN 5 MINS FIRST OPEN GAS DOES LIGHT SEE GAS REPORT

SUPERIOR TESTERS ENTERPRISES L.L.C.

GREAT BEND, KANSAS

GAS FLOW RATE

(800) 792-6902

#

STATE..... KANSAS

Test Date 1/0/1900

COUNTY..... PAWNEE

Sec Town Range 19-21-15W

FIELD.....

Report Number 15304

Initial Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPEN 6:24P CLOSED TOOL 6:29	6:29	5	56			1 1/4	329.000
GAS TO SURFACE							

Final Flow

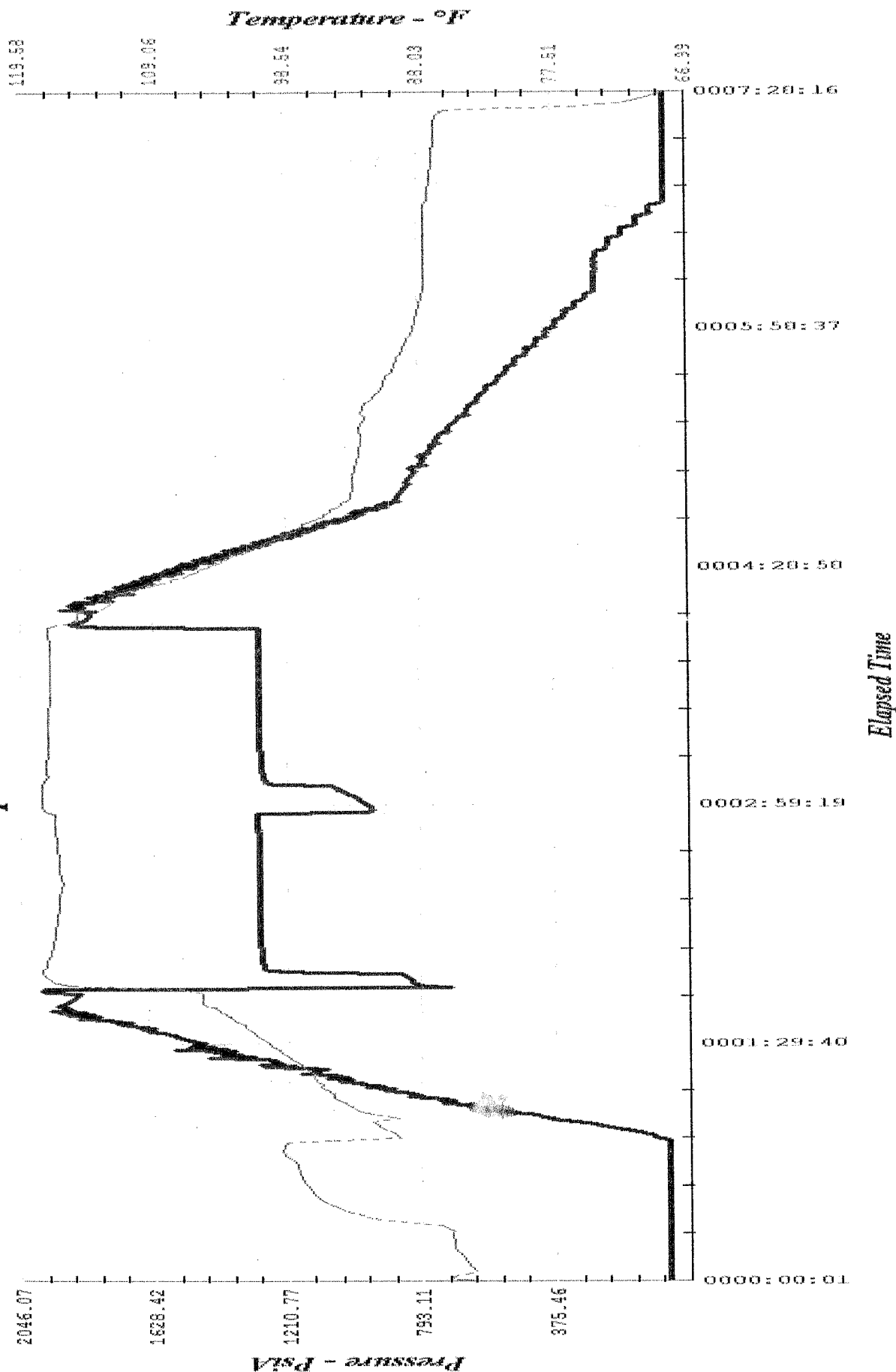
Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
OPEN TOOL 7:29PM CLOSED TOOL 7:39	7:34	5	20			1/2	28.000
GAS SAMPLE WAS TAKEN							

Was there a gas sample taken

YES

[illegible]

Temperature / Pressure Data



Tool serial number: 4143

Test start: 05/30/2008 22:11:37

Superior Testers Enterprises L.L.C.

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

(800) 792-6902

Company F.G. HOLL COMPANY L.L.C
 Address 9431 E CENTRAL STE 100
 Lease & # WARD FEED YARD Sec. 19 Twp 21 Rng 15W
 Date 5-31-2008 County PAWNEE Elevation 1967 G.L. 1975 K.B.
 Drilling Contractor DUKE DRILLING CO. INC. RIG #8
 Drill Pipe Length 3809 I.D. of Drill Pipe 3.8 Tool Joint Size 4 1/2 X H
 Drill Collar Length I.D. of Drill Collars Tool Joint Size
 Mud Weight 9.0 Viscosity 46 Filtrate 8.4 Chlorides-Pits 8,600 DST 45,000
 Top Packer Depth 3823 Bottom Packer Depth 3828 Number of Packers 2
 Tested From 3828 to 3840 Total Depth 3840 Anchor Length 12
 Test # 11 Formation Tested ARBuckle Hole Size 7 7/8
 Initial Blow STRONG BLOW TO BOTTEM OF BUCKET WITHIN 1 MIN
 Blow back on the 1st Shut-in YES
 Final Blow STRONG BLOW TO BOTTEM OF BUCKET WITHIN 1 MIN
 Blow back on the 2nd Shut-in YES
 Initial Hydrostatic 1943 P.S.I. Final Hydrostatic 1902 P.S.I. Maximum Temp. 118 F

Initial Opening	<u>243</u> P.S.I. to <u>363</u> P.S.I.	from	<u>6:53</u> m to <u>6:58</u> m	<u>5</u> minutes
Initial Shut-in	<u>1307</u> P.S.I.	from	<u>6:58</u> m to <u>7:58</u> m	<u>60</u> minutes
Final Opening	<u>464</u> P.S.I. to <u>1020</u> P.S.I.	from	<u>7:58</u> m to <u>8:28</u> m	<u>30</u> minutes
Final Shut-in	<u>1305</u> P.S.I.	from	<u>8:28</u> m to <u>9:28</u> m	<u>60</u> minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
400	DRILLING MUD			100	
210	DRILLING MUD / DRILLING MUD			85	15
210	DRILLING MUD - MUD - WATER			25	75
1200	DRILLING MUD - WATER			5	95
1200	VERY SLIGHTY MUD CUT WATER			5	95

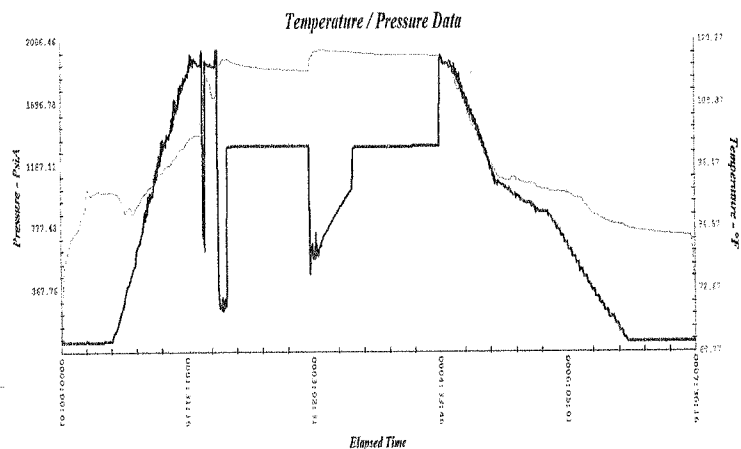
Total Feet Recovered 2020 Recovery Chlorides 45,000 Rw. 0.17 ohms @ 70 Degrees
 Gravity of oil Corrected Gas to Surface in 1 minutes into the FIRST OPEN
 Max. Gas Gauged 25/200 MCF/day See Gas Flow Report Was a gas sample taken YES
 Comments TOOL SLID 4 FOOT TO BOTTEM PICKED UP TOOL + REST
GAS TO SURFACE SEE GAS REPORT, SIGN OF PLUGGING FIRST OPEN, 2ND
OPEN SIGN OF PLUGGING CLEANED UP
 Extra Equipment-Jars Safety Joint Circulating Sub Straddle
 Electronic Recorder No. 47441 Depth 3836 Extra Packer (3rd) Hook Wall
 Bottom Recorder No. 13214 Depth 3837 Extra Packer (4th) Sampler
 Tool Operator Andy Williams Approved By

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

1(800)792-6902

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	1943
2	Initial Flow Pressure	243
3	Final Initial Flow Pressure	363
4	Initial Shut-In Pressure	1307
5	Initial Final Flow Pressure	464
6	Final Flow Pressure	1020
7	Final Shut-In Pressure	1305
8	Final Hydrostatic Pressure	1902

Maximum Temperature 118

GENERAL INFORMATION

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

TEST DATE 5/31/08

SECTION-TOWN-RANGE 19-21-08

STATE KANSAS

COUNTY PAWNEE

ELEVATION GROUND LEVEL 1967

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER WARD FEED YARD "A"

FORMATION TESTED ARBUCKLE

DRILL STEM TEST NUMBER 11

REPORT NUMBER 15305

ELEVATION KELLY BUSHINGS 1975

TESTING ENGINEER RANDY WILLIAMS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3828

TEST INTERVAL (to) 3840

ANCHOR LENGTH 12

TOTAL DEPTH (ft) 3840

TOP PACKER DEPTH 3823

BOTTOM PACKER DEPTH 3828

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 6:53P

TOOL OPEN (to) 6:58

DURATION (min.) 5

INITIAL SHUT-IN

TOOL CLOSED (from) 6:58

TOOL CLOSED (to) 7:58

DURATION (min.) 60

FINAL OPEN

TOOL OPEN (from) 7:58

TOOL OPEN (to) 8:28

DURATION (min.) 30

FINAL SHUT-IN

TOOL CLOSED (from) 8:28

TOOL CLOSED (to) 9:28P

DURATION (min.) 60

INITIAL FLOW

STRONG BLOW TO BOTTEM OF BUCKET WITH IN 1 MIN
BLOW BACK 1ST SHUT IN

FINAL FLOW

STRONG BLOW BOTTOM OF BUCKET IN 1 MIN
BLOW BACK 2ND SHUT IN

Company: F.G. HOLL COMPANY L.L.C. SEC. 19 TWP. 21 RGE. 15W Lease & Well No. WARD FEED YARD "A" 1-19 Test #: 11 Date: 5-31-08

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	WARD FEED YARD "A" 1-19
TEST DATE	5/31/08	FORMATION TESTED	ARBUCKLE
SECTION-TOWN-RANGE	19-21-08	DRILL STEM TEST NUMBER	11
STATE	KANSAS	REPORT NUMBER	15305
COUNTY	PAWNEE	ELEVATION KELLY BUSHINGS	1975
ELEVATION GROUND LEVEL	1967	TESTING ENGINEER	RANDY WILLIAMS
COMPANY REPRESENTATIVE	BILL REE		

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	NO	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	36 MILES ROUND TRIP FROM		GREAT BEND
TOP RECORDER DEPTH	3836	BOTTOM RECORDER DEPTH	3837
RECORDER NUMBER	4023	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING CO. INC. RIG#8		
DRILL PIPE LENGTH	3800	DRILL COLLAR LENGTH	
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.
CHLORIDES-PITS	8,600	MUD WEIGHT #/GAL	9
CHLORIDES-DST	45,000	VISCOSITY	46
		WATER LOSS	8.4

COMMENTS

TOOL SLIDE 4 FEET TO BOTTOM

GAS TO SRFACE ON FIRST OPEN GAS DOES LIGHT SEE GAS REPORT

SIGN OF PLUGING FIRST OPEN 2ND OPEN SIGN OF PLUGGING CLEANED UP

[illegible]

SUPERIOR TESTERS ENTERPRISES L.L.C.

GREAT BEND, KANSAS

GAS FLOW RATE

(800) 792-6902

#

STATE..... KANSAS

Test Date 1/0/1900

COUNTY..... PAWNEE

Sec Town Range 19-21-08

FIELD..... WARD

Report Number 15305

Initial Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
GAS TO SURFACE TOOL OPEN 6:53	6:58	5	15			1/4	6.550
GAS TO SURFACE							

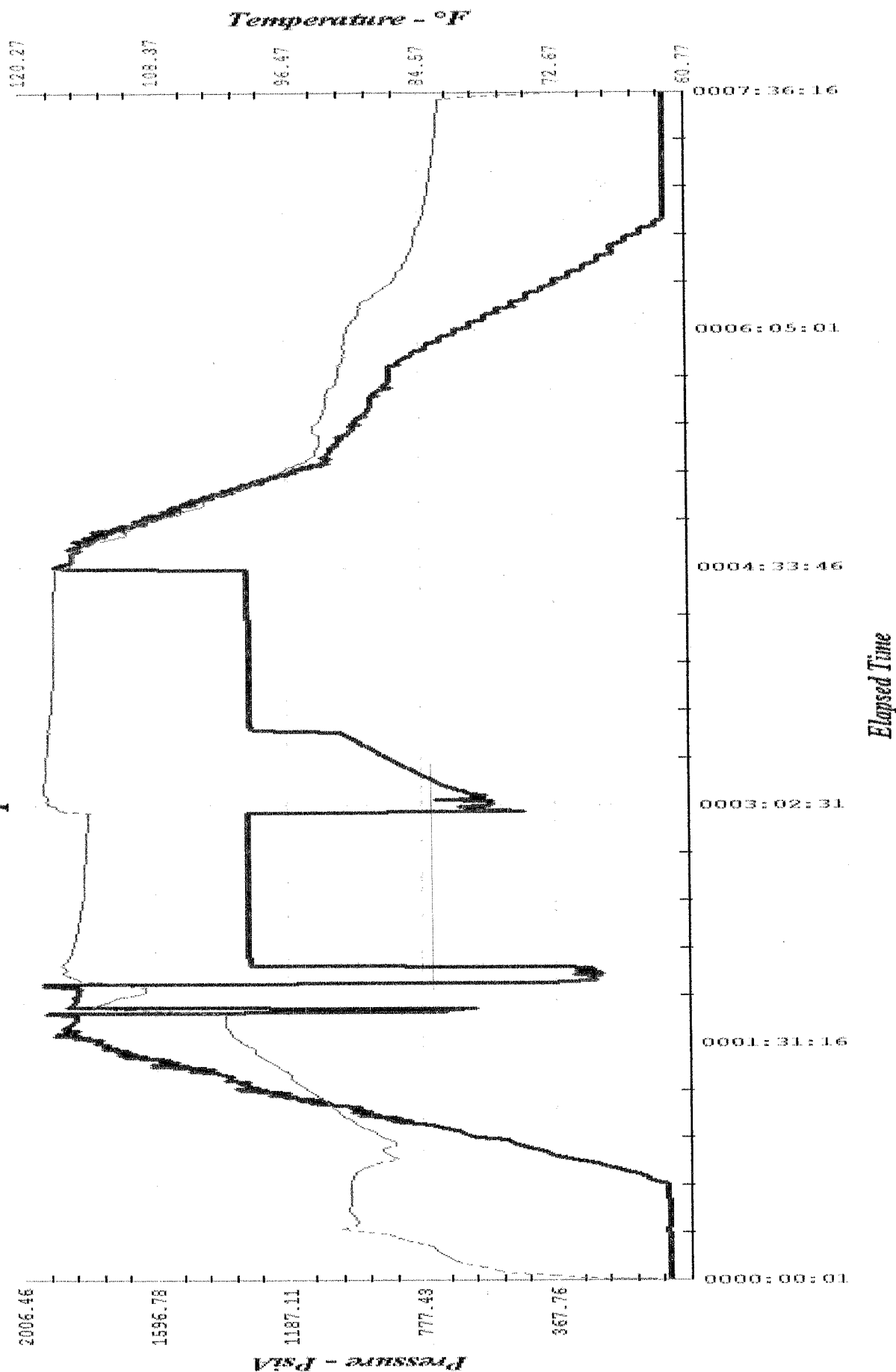
Final Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPEN	8:03	5	50			3/8	25.200
7:58	8:13	10	24			3/8	17.400
	8:23	10	10			3/8	11.300
GAS SAMPLE WAS TAKEN							

Was there a gas sample taken

YES

Temperature / Pressure Data



Tool serial number: 4143

Test start: 06/01/2008 00:42:36