

Teichmann 'A' 1-4
F.G. Holl Co.

Superior Testers Enterprises, Inc.

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

(316) 792-6902

4-255-17w

15-047-21544

Date 1-16-07 Location 4-255-17w Elevation 2133 County EDWARDS

Company F.G. HOLL COMPANY LLC Number of Copies 6

Charts Mailed to 9431 E. CENTRAL Suite 100 Wichita KS 67206

Drilling Contractor DUKE DRILLING RIG #1

Length Drill Pipe 2390 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 30 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 x H

Top Packer Depth 2442 Bottom Packer Depth 2447 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 2447 TO 2463 ANCHOR LENGTH 16 TOTAL DEPTH 2463 Hole Size 7 7/8

LEASE & WELL NO. TEICHMANN "A" 1-4 FORMATION TESTED Fl. Riley TEST NO. 1

Mud Weight 9.2 Viscosity 45 Water Loss 14.6 Chlorides - Pits 45000 D.S.T. 22000

Maximum Temp. 84 °F Initial Hydrostatic Pressure (A) 1198 P.S.I. Final Hydrostatic Pressure (H) 1152 P.S.I.

Tool Open I.F.P. from 2:00 pm to 2:15 pm 15 min

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

Tool Open F.F.P. from 2:45 m to 3:15 m 30 min

Tool Closed F.C.I.P. from 3:15 m to 4:15 m 60 min

Initial Blow Weak Building Blow Built to 5 inches in 15 minutes

Final Blow STRONG BLOW TO BOTTOM OF 5 GALLON BUCKET IN 5 MINUTES DIED OFF

Total Feet Recovered 65 ft of fluid Gravity of Oil _____ Corrected AT 30 min

5 Feet of MUDDY WATER % Gas _____ % Oil 95 % Mud 5 % Water

60 Feet of MUDDY WATER % Gas _____ % Oil 50 % Mud 50 % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

_____ Feet of CHLORIDES 22000 % 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 NO Straddle NO Hook Wall NO

Top Recorder No. 91951 Clock No. ELECTRONIC Depth 2459 Cir. Sub _____ Sampler NO

Bottom Recorder No. 10250 Clock No. 47441 Depth 2460 Insurance _____

Price of Job _____

Tool Operator Frank Zemanice

Approved By _____

NC 12140

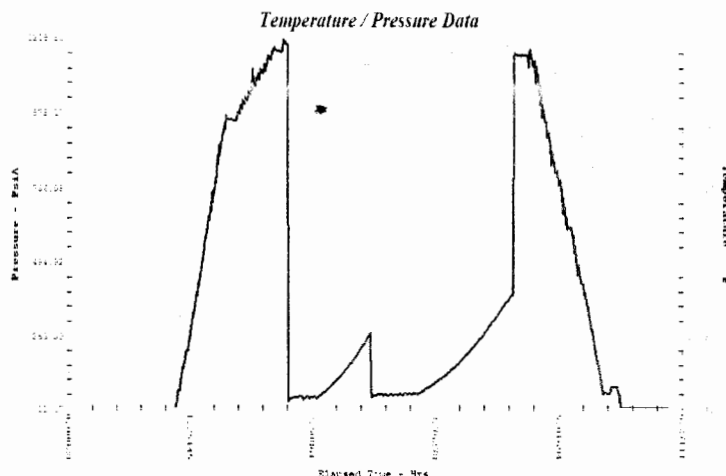
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SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	1198
2	Initial Flow Pressure	37
3	Final Initial Flow Pressure	45
4	Initial Shut-In Pressure	265
5	Initial Final Flow Pressure	49
6	Final Flow Pressure	60
7	Final Shut-In Pressure	388
8	Final Hydrostatic Pressure	1152

Maximum Temperature 84

GENERAL INFORMATION

COMPANY NAME F.G.HOLL COMPANY LLC

TEST DATE 1/16/07

LEASE AND WELL NUMBER TEICHMANN "A" 1-4

SECTION-TOWN-RANGE 4-25S-17W

FORMATION TESTED FT.RILEY

STATE KANSAS

DRILL STEM TEST NUMBER 1

COUNTY EDWARDS

REPORT NUMBER 12140

ELEVATION GROUND LEVEL 2133

ELEVATION KELLY BUSHINGS 2144

COMPANY REPRESENTATIVE BILL REE

TESTING ENGINEER FRANK ZAMARRIPA

TOOL SETTING INFORMATION

TEST INTERVAL (From) 2447	TOP PACKER DEPTH 2442
TEST INTERVAL (to) 2463	BOTTOM PACKER DEPTH 2447
ANCHOR LENGTH 16	NUMBER OF PACKERS 2
TOTAL DEPTH (ft) 2463	PACKER SIZE 6 3/4
	HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN	FINAL OPEN
TOOL OPEN (from) 2:00P	TOOL OPEN (from) 2:45
TOOL OPEN (to) 2:15	TOOL OPEN (to) 3:15
DURATION (min.) 15	DURATION (min.) 30
INITIAL SHUT-IN	FINAL SHUT-IN
TOOL CLOSED (from) 2:15	TOOL CLOSED (from) 3:15
TOOL CLOSED (to) 2:45	TOOL CLOSED (to) 4:15
DURATION (min.) 30	DURATION (min.) 60

INITIAL FLOW

WEAK BUILDING BLOW BUILT TO 5 INCHES IN 15 MINTUES
NO BLOW BACK

FINAL FLOW

STRONG BLOW TO BOTTOM OF 5 GALLON BUCKET IN 5 MINUTES
DIED OFF IN 30 MINUTES NO BLOW BACK

Company: F.G. HOLL COMPANY LLC
TWP. 25S RGE. 17W
Lease & Well No. TEICHMANN "A" 1-4 Test #: 1 Date: 1-16-07 SEC. 4

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	LEASE AND WELL NUMBER	TEICHMANN"A" 1-4
TEST DATE	1/16/07	FORMATION TESTED	FT.RILEY
SECTION-TOWN-RANGE	4-25S-17W	DRILL STEM TEST NUMBER	1
STATE	KANSAS	REPORT NUMBER	12140
COUNTY	EDWARDS	ELEVATION KELLY BUSHINGS	2144
ELEVATION GROUND LEVEL	2133	TESTING ENGINEER	FRANK ZAMARRIPA
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
	92 MILES ROUND TRIP FROM	SAMPLER	NO
	GREAT BEND		
TOP RECORDER DEPTH	2459	BOTTOM RECORDER DEPTH	2460
RECORDER NUMBER	91951	RECORDER NUMBER	10250

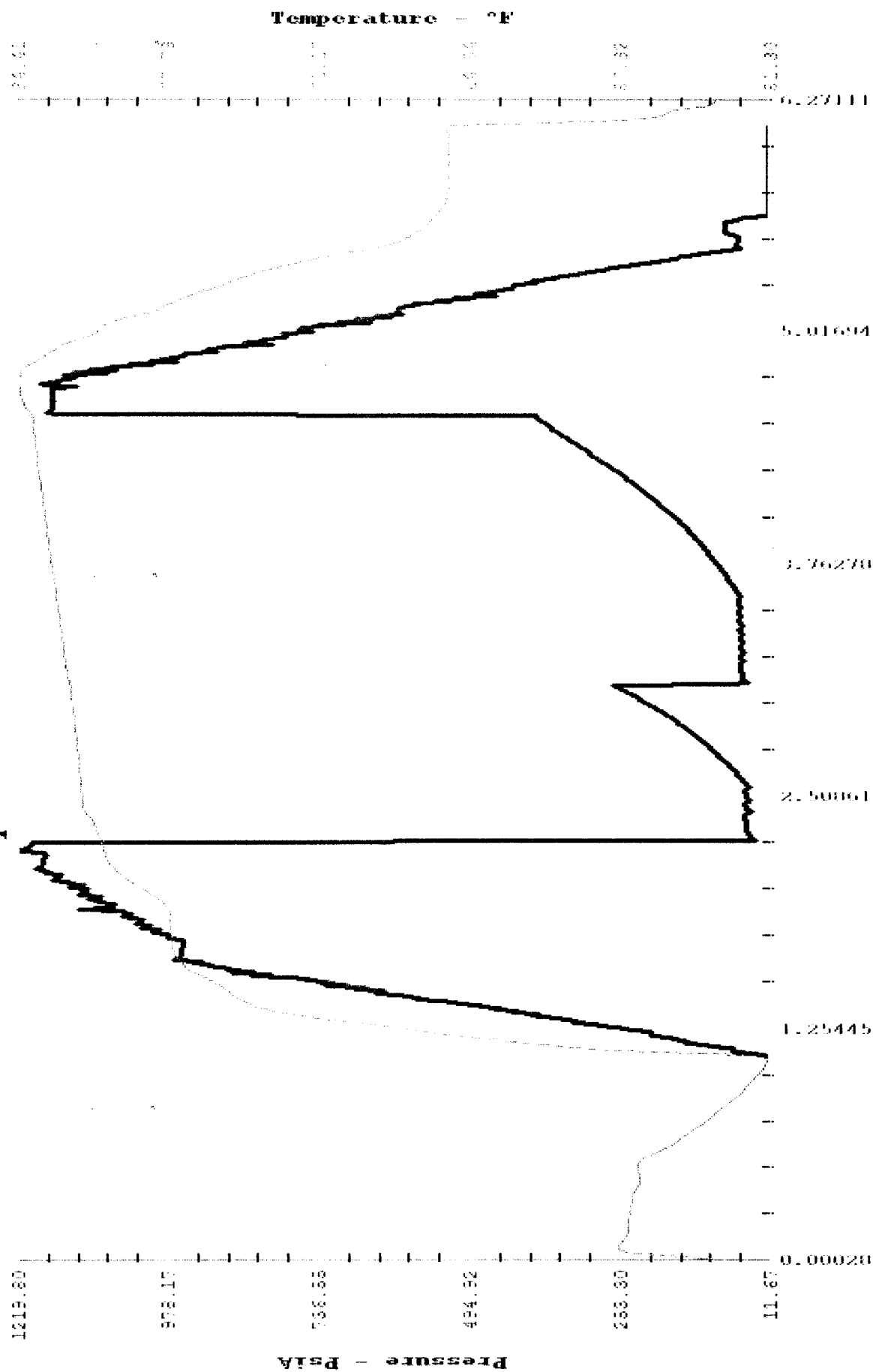
WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG #1	DRILL COLLAR LENGTH	30
DRILL PIPE LENGTH	2390	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.		

COMMENTS

Drill Pipe	I.D.	Feet		Recovery Description For Drill Pipe	Gas	Oil	Mud	Water	Total bbls.
4 1/2	3.82	35					95%	5%	0.4970
									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	0.4722	0.0249	
	2.25	30					50%	50%	0.1470
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Total Recovery		65	Feet						0.0000
				Total bbls. Recovered From Drill Pipe	0.0000	0.0000	0.4722	0.0249	Total
				Total bbls. Recovered From Drill Collars	0.0000	0.0000	0.0735	0.0735	bbls
				Total bbls Recovered	0.0000	0.0000	0.5457	0.0984	0.6440
					Gas	Oil	Mud	Water	
MUD WEIGHT #/GAL	9.2			Resistivity		ohms @		Degrees	
VISCOSITY	45			Recovery Chlorides	22000	ppm			
WATER LOSS	14.6			Pit Chlorides	45000	ppm			
				4 1/2 Inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D					
				F.G.HOLL COMPANY LLC	4-25S-17W	TEICHMANN"A" 1-4	1-16-07	DST #1 FT.RILEY	

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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(316) 792-6902

Date 1-17-07 Location 4-255-17W Elevation 2133 County EDWARDS

Company F.G. HOLL COMPANY LLC Number of Copies 4

Charts Mailed to 9431 E. CENTRAL SUITE 100 WICHITA KS 67206

Drilling Contractor DUKE DRILLING RIG #1

Length Drill Pipe 2703 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 30 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 XH

Top Packer Depth 2755 Bottom Packer Depth 2760 Number of Packers 2 Packer Size 63/4

TESTED FROM 2760 TO 2780 ANCHOR LENGTH 200 TOTAL DEPTH 2780 Hole Size 7 7/8

LEASE & WELL NO. TEICHMANN "A" 1-4 FORMATION TESTED Cotton wood TEST NO. 2

Mud Weight 9.4 Viscosity 44 Water Loss 8.8 Chlorides - Pits 32000 D.S.T. _____

Maximum Temp. 90 °F Initial Hydrostatic Pressure (A) 1369 P.S.I. Final Hydrostatic Pressure (H) 1345 P.S.I.

Tool Open I.F.P. from 7:25 p.m. to 7:40 m 15 min

Tool Closed I.C.I.P. from 7:40 m to 8:10 m 30 min

Tool Open F.F.P. from 8:10 m to 8:25 m 15 min

Tool Closed F.C.I.P. from 8:25 m to 8:55 m 30 min

Initial Blow Weak Surface Blow

Final Blow Weak Surface Blow DIED OFF AFTER 5 MINUTES

Total Feet Recovered 60 ft of fluid Gravity of Oil _____ Corrected _____

60 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 NO Straddle NO Hook Wall NO

Top Recorder No. 91951 Clock No. ELECTRONIC Depth 2776 Cir. Sub _____ Sampler NO

Bottom Recorder No. 10250 Clock No. 47441 Depth 2777 Insurance _____

Price of Job _____

Tool Operator Frank Zamarril

Approved By _____

NO 12141

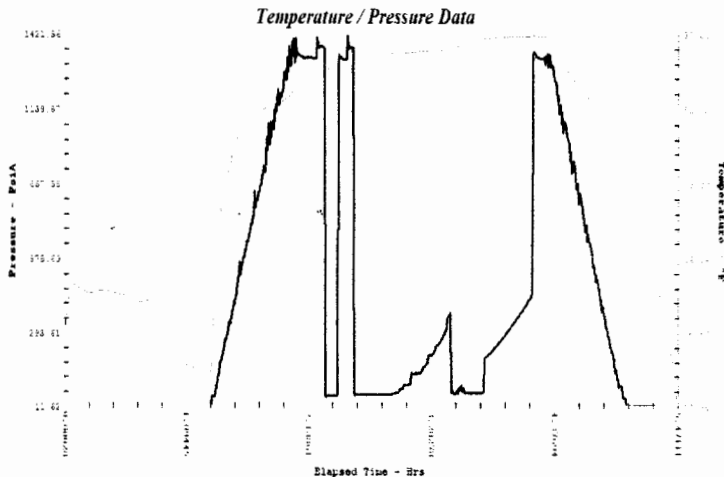
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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	1369
2	Initial Flow Pressure	55
3	Final Initial Flow Pressure	60
4	Initial Shut-In Pressure	371
5	Initial Final Flow Pressure	66
6	Final Flow Pressure	69
7	Final Shut-In Pressure	447
8	Final Hydrostatic Pressure	1345

Maximum Temperature 90

GENERAL INFORMATION

COMPANY NAME F.G. HOLL COMPANY LLC

TEST DATE 1/17/07

SECTION-TOWN-RANGE 4-25S-17W

STATE KANSAS

COUNTY EDWARDS

ELEVATION GROUND LEVEL 2133

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER TEICHMANN "A" 1-4

FORMATION TESTED COTTONWOOD

DRILL STEM TEST NUMBER 2

REPORT NUMBER 12141

ELEVATION KELLY BUSHINGS 2144

TESTING ENGINEER FRANK ZAMARRIPA

TOOL SETTING INFORMATION

TEST INTERVAL (From) 2760

TEST INTERVAL (to) 2780

ANCHOR LENGTH 20

TOTAL DEPTH (ft) 2780

TOP PACKER DEPTH 2755

BOTTOM PACKER DEPTH 2760

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 7:25P

TOOL OPEN (to) 7:40

DURATION (min.) 15

INITIAL SHUT-IN

TOOL CLOSED (from) 7:40

TOOL CLOSED (to) 8:10

DURATION (min.) 30

FINAL OPEN

TOOL OPEN (from) 8:10

TOOL OPEN (to) 8:25

DURATION (min.) 15

FINAL SHUT-IN

TOOL CLOSED (from) 8:25

TOOL CLOSED (to) 8:55

DURATION (min.) 30

INITIAL FLOW

WEAK SURFACE BLOW
NO BLOW BACK

FINAL FLOW

WEAK SURFACE BLOW DIED OFF AFTER 5 MINUTES
NO BLOW BACK

Company: F.G. HOLL COMPANY LLC Lease & Well No. TEICHMANN "A" 1-4 Test #: 2 Date: 1-17-07 SEC. 4
TWP. 25S RGE. 17W

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	LEASE AND WELL NUMBER	TEICHMANN "A" 1-4
TEST DATE	1/17/07	FORMATION TESTED	COTTONWOOD
SECTION-TOWN-RANGE	4-25S-17W	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	12141
COUNTY	EDWARDS	ELEVATION KELLY BUSHINGS	2144
ELEVATION GROUND LEVEL	2133	TESTING ENGINEER	FRANK ZAMARRIPA
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
	92 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	2776	BOTTOM RECORDER DEPTH	2777
RECORDER NUMBER	91951	RECORDER NUMBER	10250

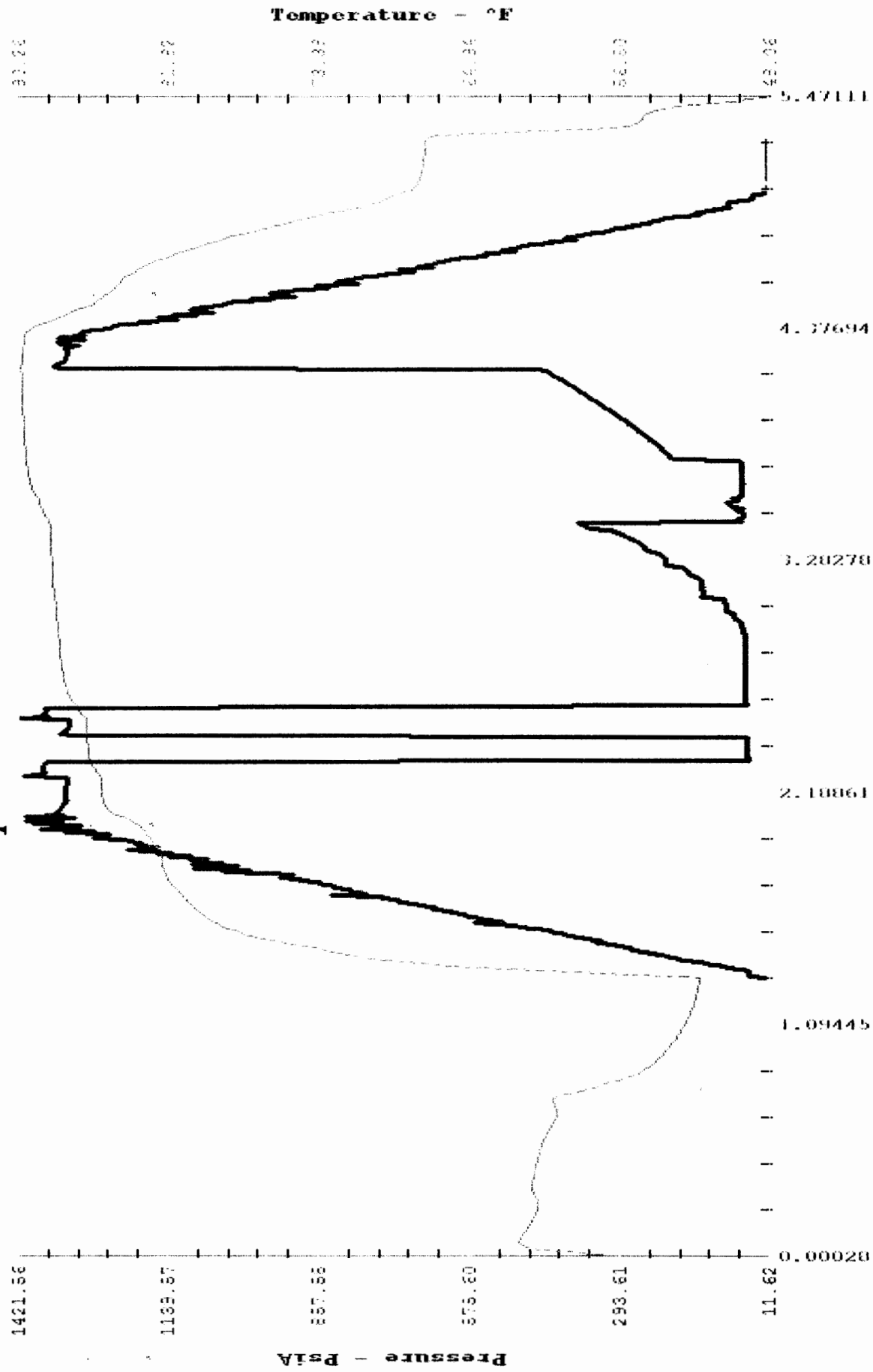
WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG #1	DRILL COLLAR LENGTH	30
DRILL PIPE LENGTH	2703	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.		

COMMENTS

Drill Pipe	I.D.	Feet		Recovery Description For Drill Pipe	Gas	Oil	Mud	Water	Total bbls.
4 1/2	3.82	30					100%		0.4260
									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	0.4260	0.0000	
	2.25	30					100%		0.1470
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Total Recovery		60	Feet	Total bbls. Recovered From Drill Pipe	0.0000	0.0000	0.4260	0.0000	Total
				Total bbls. Recovered From Drill Collars	0.0000	0.0000	0.1470	0.0000	bbls
				Total bbls Recovered	0.0000	0.0000	0.5730	0.0000	0.5730
					Gas	Oil	Mud	Water	
MUD WEIGHT #/GAL	9.4			Resistivity		ohms @		Degrees	
VISCOSITY	44			Recovery Chlorides		ppm			
WATER LOSS	8.8			Pit Chlorides	32000	ppm			
				4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D					
F.G. HOLL COMPANY LLC	4-25S-17W	TEICHMANN "A" 1-4	1-17-07	DST #2 COTTONWOOD					

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 1-18-07 Location 4-255-17W Elevation 2133 County EDWARDS

Company F.G. HOLL COMPANY LLC Number of Copies 6

Charts Mailed to 9431 E CENTRAL SUITE 100 WICHITA KS 67206

Drilling Contractor DUKE DRILLING RIG #1

Length Drill Pipe 2723 I.D. Drill Pipe 3.8 Tool Joint Size 4 1/2 X H

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

Length Drill Collars 30 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 X H

Top Packer Depth 2775 Bottom Packer Depth 2780 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 2780 TO 2800 ANCHOR LENGTH 20 TOTAL DEPTH 2800 Hole Size 7 7/8

LEASE & WELL NO. TEICHMANN "A" 1-4 FORMATION TESTED COTTON WOOD TEST NO. 3

Mud Weight 9.4 Viscosity 44 Water Loss 8.0 Chlorides - Pits 25000 D.S.T. 240000

Maximum Temp. 93 °F Initial Hydrostatic Pressure (A) 1399 P.S.I. Final Hydrostatic Pressure (H) 1359 P.S.I.

Tool Open I.F.P. from 8:25 A m to 8:30 A m 5 min

Tool Closed I.C.I.P. from 8:30 A m to 9:30 A m 80 min

Tool Open F.F.P. from 9:30 A m to 10:00 A m 30 min

Tool Closed F.C.I.P. from 10:00 A m to 11:00 A m 60 min

from [B] <u>1359</u> P.S.I. to [C] <u>66</u> P.S.I.
[D] <u>866</u> P.S.I.
from [E] <u>73</u> P.S.I. to [F] <u>155</u> P.S.I.
[G] <u>815</u> P.S.I.

Initial Blow STRONG BLOW TO BOTTOM OF 5 GALLON BUCKET IN LESS THAN 1 MINUTE

Final Blow STRONG BLOW TO BOTTOM OF 5 GALLON BUCKET IN LESS THAN 1 MINUTE Gas to surface in 2 minutes

Total Feet Recovered GAS TO SURFACE 390 ft of fluid Gravity of Oil _____ Corrected

30 Feet of MUD % Gas _____ % Oil 100 % Mud 100 % Water

170 Feet of WATER % Gas _____ % Oil _____ % Mud 100 % Water

240 Feet of WATER % Gas _____ % Oil _____ % Mud 100 % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

_____ Feet of CHLORIDES 240,000 % 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 NO Straddle NO Hook Wall NO

Top Recorder No. 91951 Clock No. ELECTRONIC Depth 2796 Cir. Sub _____ Sampler NO

Bottom Recorder No. 10250 Clock No. 47441 Depth 2797 Insurance _____

Price of Job _____

Tool Operator Frank J. Jaramila

Approved By _____

12142

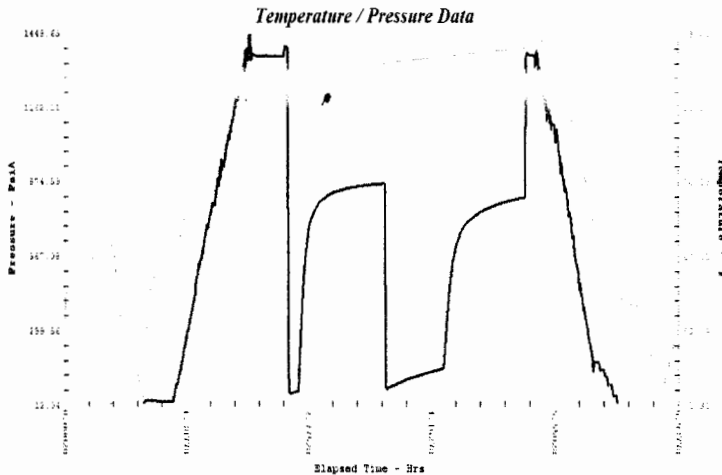
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SUPERIOR TESTERS ENTERPRISES L.L.C.

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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	1399
2	Initial Flow Pressure	57
3	Final Initial Flow Pressure	66
4	Initial Shut-In Pressure	866
5	Initial Final Flow Pressure	73
6	Final Flow Pressure	155
7	Final Shut-In Pressure	815
8	Final Hydrostatic Pressure	1359

Maximum Temperature 93

GENERAL INFORMATION

COMPANY NAME F.G. HOLL COMPANY LLC

TEST DATE 1/18/07

SECTION-TOWN-RANGE 4-25S-17W

STATE KANSAS

COUNTY EDWARDS

ELEVATION GROUND LEVEL 2133

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER TEICHMANN" A "1-4

FORMATION TESTED COTTONWOOD

DRILL STEM TEST NUMBER 3

REPORT NUMBER 14142

ELEVATION KELLY BUSHINGS 2144

TESTING ENGINEER FRANK ZAMARRIPA

TOOL SETTING INFORMATION

TEST INTERVAL (From) 2780

TEST INTERVAL (to) 2800

ANCHOR LENGTH 20

TOTAL DEPTH (ft) 2800

TOP PACKER DEPTH 2775

BOTTOM PACKER DEPTH 2780

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 8:25A

TOOL OPEN (to) 8:30

DURATION (min.) 5

INITIAL SHUT-IN

TOOL CLOSED (from) 8:30

TOOL CLOSED (to) 9:30

DURATION (min.) 60

FINAL OPEN

TOOL OPEN (from) 9:30

TOOL OPEN (to) 10:00

DURATION (min.) 30

FINAL SHUT-IN

TOOL CLOSED (from) 10:00

TOOL CLOSED (to) 11:00

DURATION (min.) 60

INITIAL FLOW

STRONG BLOW TO BOTTOM OF 5 GALLON BUCKET IN LESS THAN 1 MINUTE

FINAL FLOW

STRONG BLOW TO BOTTOM OF 5 GALLON BUCKET IN LESS THAN 1 MINUTE
GAS TO SURFACE IN 2 MINUTES

Company: F.G. HOLL COMPANY LLC
TWP. 25S RGE. 17W
Lease & Well No. TEICHMANN" A " 1-4 Test #: 3 Date: 1-18-07 SEC. 4

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	LEASE AND WELL NUMBER	TEICHMANN"A"1-4
TEST DATE	1/18/07	FORMATION TESTED	COTTONWOOD
SECTION-TOWN-RANGE	4-25S-17W	DRILL STEM TEST NUMBER	3
STATE	KANSAS	REPORT NUMBER	14142
COUNTY	EDWARDS	ELEVATION KELLY BUSHINGS	2144
ELEVATION GROUND LEVEL	2133	TESTING ENGINEER	FRANK ZAMARRIPA
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
	92 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	2796	BOTTOM RECORDER DEPTH	2797
RECORDER NUMBER	91951	RECORDER NUMBER	10250

WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG #1	DRILL COLLAR LENGTH	30
DRILL PIPE LENGTH	2723	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.		

COMMENTS

Superior Testers Enterprises L.L.C.

Drill Stem Test Report

Recovery Sample Description

1-800-792-6902

Great Bend, Kansas 67530

Drill Pipe	I.D.	Feet	Recovery Description For Drill Pipe	Gas	Oil	Mud	Water	Total bbls.
4 1/2	3.82	30	MUD			100%		0.4260
		120	WATER				100%	1.7040
		210	WATER				100%	2.9820
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
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								0.0000
								0.0000
Drill Collars	I.D.		Recovery Description For Drill Collars	0.0000	0.0000	0.4260	4.6860	
	2.25	30					100%	0.1470
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
Total Recovery		390	Feet					0.0000
			Total bbls. Recovered From Drill Pipe	0.0000	0.0000	0.4260	4.6860	Total
			Total bbls. Recovered From Drill Collars	0.0000	0.0000	0.0000	0.1470	bbls
			Total bbls Recovered	0.0000	0.0000	0.4260	4.8330	5.2590
				Gas	Oil	Mud	Water	
MUD WEIGHT #/GAL		9.4	Resistivity		ohms @		Degrees	
VISCOSITY		44	Recovery Chlorides	240000	ppm			
WATER LOSS		8.0	Pit Chlorides	28000	ppm			
			4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D					
			TEICHMANN "A" 1-4	1-18-07	DST #3 COTTONWOOD			
			4-25S-17W					
			F.G. HOLL COMPANY LLC					

SUPERIOR TESTERS ENTERPRISES L.L.C.

GREAT BEND, KANSAS

GAS FLOW RATE

(800) 792-6902

#

STATE..... KANSAS

Test Date #####

COUNTY..... EDWARDS

Sec Town Range A-25S-17W

FIELD.....

Report Number 14142

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 AT 8:25AM TOOL CLOSE AT 8:30AM NO GAS TO SURFACE							

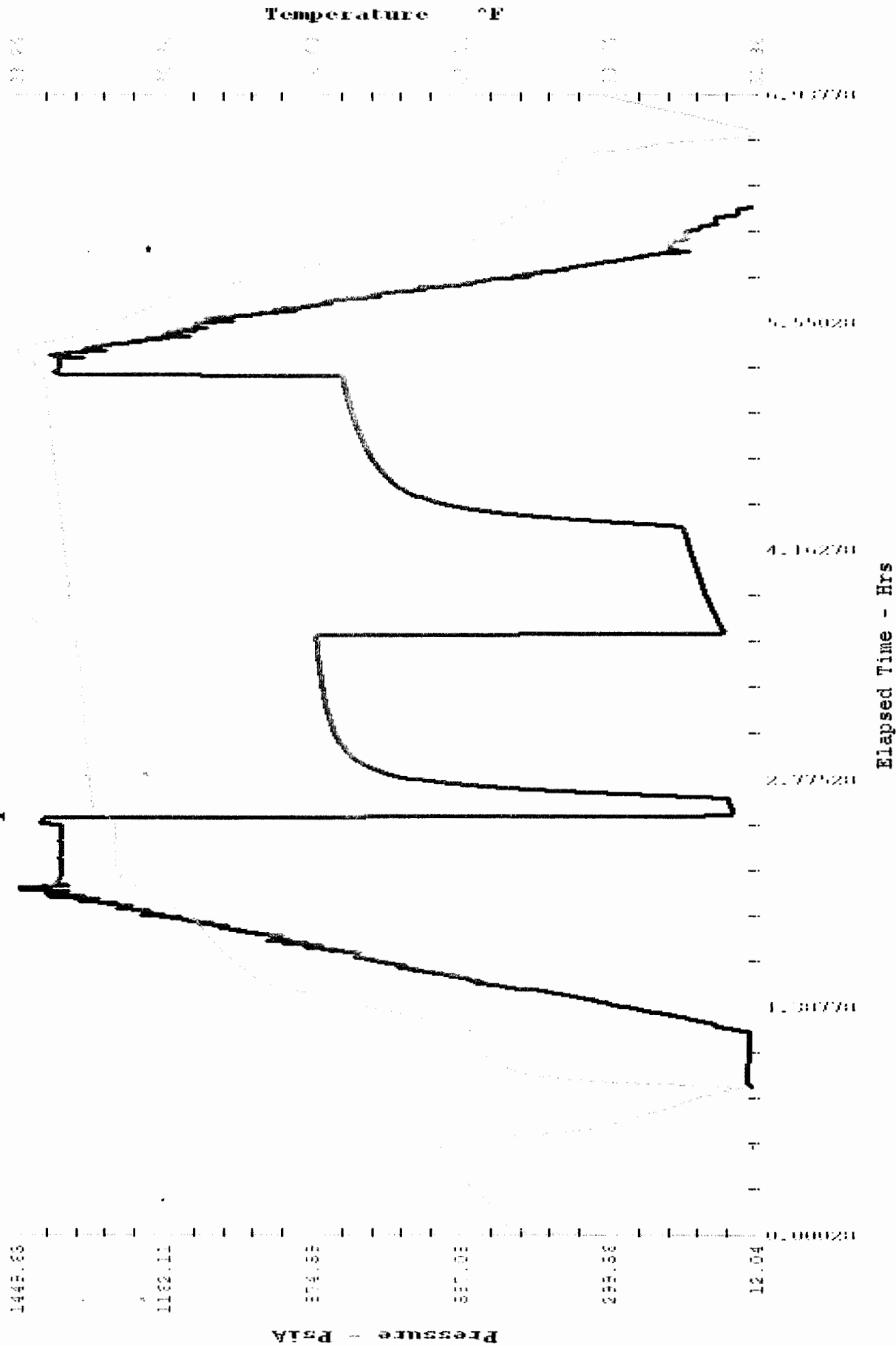
Final Flow

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)
TOOL OPEN AT	9:30AM						
	9:45	15	2			1/8	0.747
	10:00	15	1			1/8	0.528

Was there a gas sample taken

YES

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 1-19-07 Location 4-255-17W Elevation 2133 County EDWARDS

Company F.G. HOLL COMPANY LLC Number of Copies 4

Charts Mailed to 9431 E. CENTRAL SUITE 100 WICHITA KS 67206

Drilling Contractor DUKE DRILLING RIG #8

Length Drill Pipe 3081 I.D. Drill Pipe 3.5 Tool Joint Size 4 1/2 XH

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

Length Drill Collars 30 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 XH

Top Packer Depth 3133 Bottom Packer Depth 3138 Number of Packers _____ Packer Size 6 3/4

TESTED FROM 3138 TO 3182 ANCHOR LENGTH 44 TOTAL DEPTH 3182 Hole Size 7 7/8

LEASE & WELL NO. TEICHMANN "A" 1-4 FORMATION TESTED LANE DON SAND TEST NO. 4

Mud Weight 9.6 Viscosity 45 Water Loss 10.4 Chlorides - Pits 34000 D.S.T. _____

Maximum Temp. 102 °F Initial Hydrostatic Pressure (A) 1063 P.S.I. Final Hydrostatic Pressure (H) 1569 P.S.I.

Tool Open I.F.P. from 3:50 pm to 4:05 pm 15 min

Tool Closed I.C.I.P. from 4:05 pm to 4:35 pm 30 min

Tool Open F.F.P. from 4:35 pm to 4:50 pm 15 min

Tool Closed F.C.I.P. from 4:50 pm to 6:20 pm 30 min

Initial Blow STRONG BLOW TO BOTTOM OF BUCKET IN 5 MINUTES

Final Blow STRONG BLOW TO BOTTOM OF 5 GALLON BUCKET IN 10 MINUTES

Total Feet Recovered 725 of Fluid 300 ft of GAS Gravity of Oil _____ Corrected

35 Feet of MUD % Gas _____ % Oil 100 % Mud _____ % Water

240 Feet of MUD % Gas _____ % Oil 100 % Mud _____ % Water

240 Feet of MUDDY WATER % Gas _____ % Oil 95 % Mud 5 % Water

120 Feet of WATERY MUD % Gas _____ % Oil 48 % Mud 52 % Water

60 Feet of WATERY MUD % Gas _____ % Oil 40 % Mud 60 % 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 45 MINUTES WAITING ON TESTER

Extra Equipment - Jars YES Safety Joint YES Extra Packer NO Straddle NO Hook Wall NO

Top Recorder No. 91951 Clock No. Electronic Depth 3178 Cir. Sub _____ Sampler NO

Bottom Recorder No. 10250 Clock No. 77441 Depth 3179 Insurance _____

Price of Job _____

Tool Operator Frank Zamarrigo

Approved By _____

No 12143

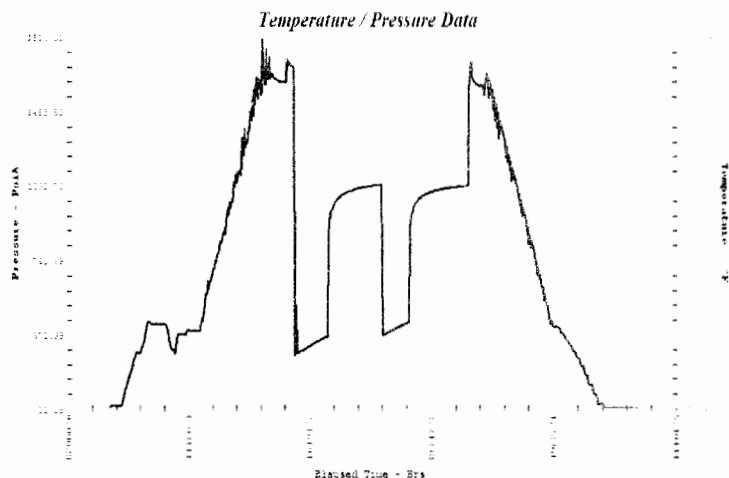
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SUPERIOR TESTERS ENTERPRISES L.L.C.

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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	1663
2	Initial Flow Pressure	288
3	Final Initial Flow Pressure	383
4	Initial Shut-In Pressure	1098
5	Initial Final Flow Pressure	372
6	Final Flow Pressure	436
7	Final Shut-In Pressure	1093
8	Final Hydrostatic Pressure	1569

Maximum Temperature 102

GENERAL INFORMATION

COMPANY NAME F.G. HOLL COMPANY LLC

TEST DATE 1/19/07

SECTION-TOWN-RANGE 4-25S-17W

STATE KANSAS

COUNTY EDWARDS

ELEVATION GROUND LEVEL 2133

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER TEICHMANN "A" 1-4

FORMATION TESTED LANGDON SAND

DRILL STEM TEST NUMBER 4

REPORT NUMBER 12143

ELEVATION KELLY BUSHINGS 2144

TESTING ENGINEER FRANK ZAMARRIPA

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3138

TEST INTERVAL (to) 3182

ANCHOR LENGTH 44

TOTAL DEPTH (ft) 3182

TOP PACKER DEPTH 3133

BOTTOM PACKER DEPTH 3138

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN
TOOL OPEN (from) 3:50P

TOOL OPEN (to) 4:05

DURATION (min.) 15

INITIAL SHUT-IN
TOOL CLOSED (from) 4:05

TOOL CLOSED (to) 4:35

DURATION (min.) 30

FINAL OPEN
TOOL OPEN (from) 4:35

TOOL OPEN (to) 4:50

DURATION (min.) 15

FINAL SHUT-IN
TOOL CLOSED (from) 4:50

TOOL CLOSED (to) 5:20

DURATION (min.) 30

INITIAL FLOW

STRONG BLOW TO BOTTOM OF 5 GALLON BUCKET IN 5 MINUTES

FINAL FLOW

STRONG BLOW TO BOTTOM OF 5 GALLON BUCKET IN 10 MINUTES

Company: F.G. HOLL COMPANY LLC
TWP. 25S RGE. 17W
Lease & Well No. TEICHMANN "A" 1-4 Test #: 4 Date: 1-19-07 SEC. 4

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	LEASE AND WELL NUMBER	TEICHMANN"A" 1-4
TEST DATE	1/19/07	FORMATION TESTED	LANGDON SAND
SECTION-TOWN-RANGE	4-25S-17W	DRILL STEM TEST NUMBER	4
STATE	KANSAS	REPORT NUMBER	12143
COUNTY	EDWARDS	ELEVATION KELLY BUSHINGS	2144
ELEVATION GROUND LEVEL	2133	TESTING ENGINEER	FRANK ZAMARRIPA
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
	92 MILES ROUND TRIP FROM		GREAT BEND
TOP RECORDER DEPTH	3178	BOTTOM RECORDER DEPTH	3179
RECORDER NUMBER	91951	RECORDER NUMBER	10250

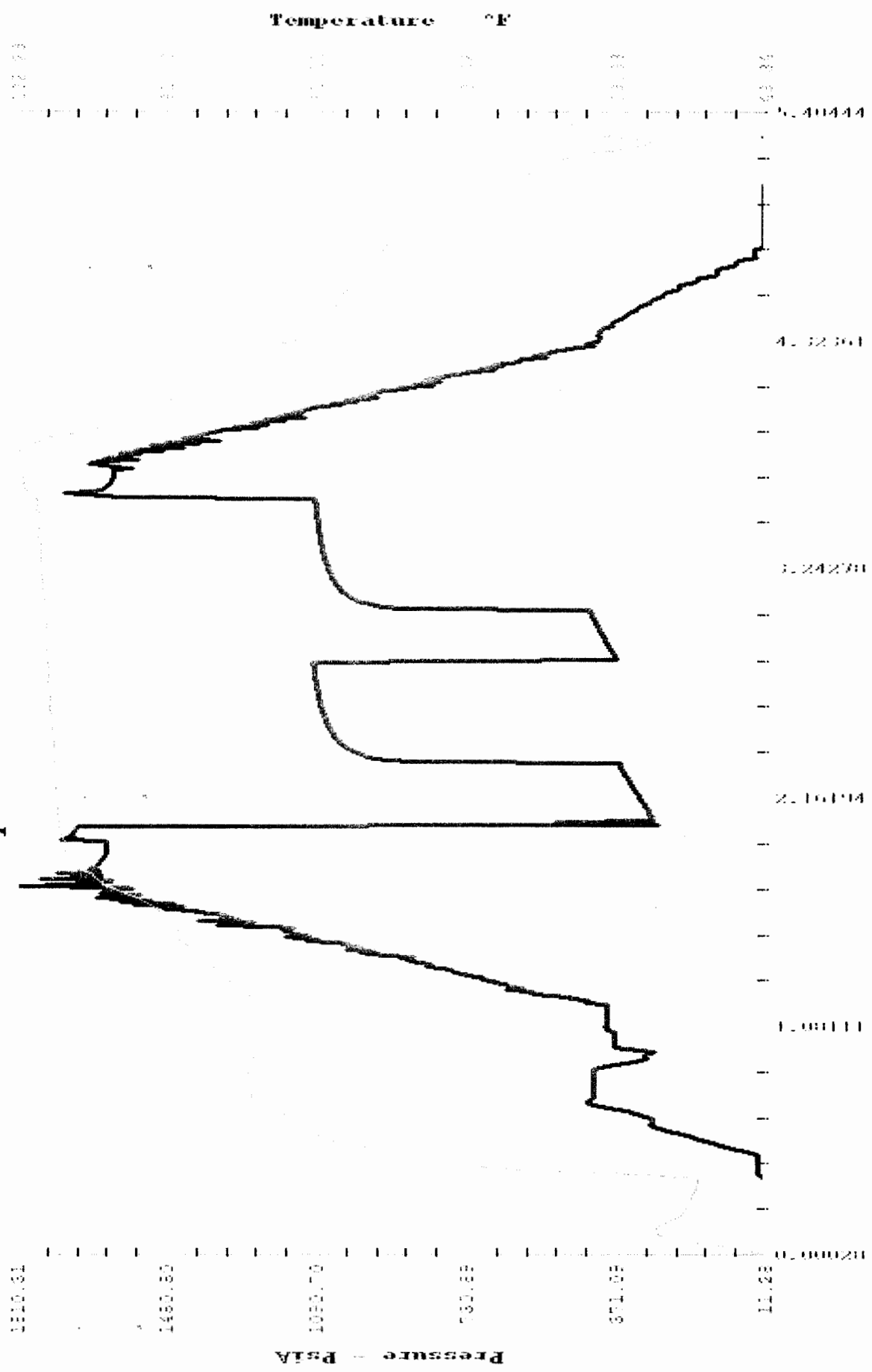
WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG #1	DRILL COLLAR LENGTH	30
DRILL PIPE LENGTH	3081	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.		

COMMENTS

[illegible]

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 1-20-07 Location 4-255-174 Elevation 2133 County EDWARDS

Company F.G. HOLL COMPANY LLC Number of Copies 6

Charts Mailed to 9431 E. CENTRAL Suite 100 Wichita Ks 67206

Drilling Contractor DUKE DRILLING RIG #1

Length Drill Pipe 3265 I.D. Drill Pipe 3.8 Tool Joint Size 4 1/2 X H

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

Length Drill Collars 30 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 X H

Top Packer Depth 3317 Bottom Packer Depth 3322 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 3322 TO 3352 ANCHOR LENGTH 30 TOTAL DEPTH 3352 Hole Size 7 7/8

LEASE & WELL NO. TEICHMANN "A" 1-4 FORMATION TESTED TARKIO TEST NO. 5

Mud Weight 9.9 Viscosity 44 Water Loss 18.0 Chlorides - Pits 35000 D.S.T. 52000

Maximum Temp. 102 °F Initial Hydrostatic Pressure (A) 1792 P.S.I. Final Hydrostatic Pressure (H) 1687 P.S.I.

Tool Open I.F.P. from 1:55 pm to 2:10 pm 15 min

Tool Closed I.C.I.P. from 2:10 pm to 2:40 pm 30 min

Tool Open F.F.P. from 2:40 pm to 2:55 pm 15 min

Tool Closed F.C.I.P. from 2:55 pm to 3:25 pm 30 min

Initial Blow WEAK SURFACE BLOW

Final Blow WEAK SURFACE BLOW

Total Feet Recovered 60 ft of fluid

60 Feet of MUDDY WATER % Gas _____ % Oil 80 % Mud 20 % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

_____ Feet of CHLORIDES 52000 % 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 NO Straddle NO Hook Wall NO

Top Recorder No. 91951 Clock No. Electronic Depth 3348 Cir. Sub _____ Sampler NO

Bottom Recorder No. 10250 Clock No. 47441 Depth 3349 Insurance _____

Price of Job _____

Tool Operator Frank Zamora

Approved By _____

NO 12144

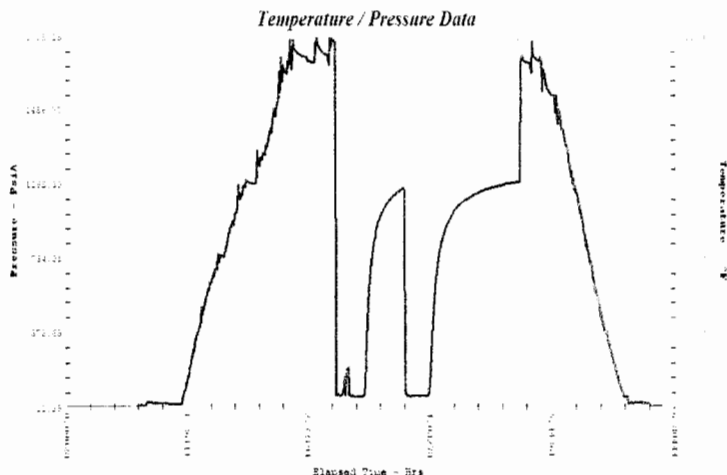
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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	1792
2	Initial Flow Pressure	69
3	Final Initial Flow Pressure	66
4	Initial Shut-In Pressure	1077
5	Initial Final Flow Pressure	68
6	Final Flow Pressure	70
7	Final Shut-In Pressure	1110
8	Final Hydrostatic Pressure	1687

Maximum Temperature 102

GENERAL INFORMATION

COMPANY NAME F.G. HOLL COMPANY LLC

TEST DATE 1/20/07

LEASE AND WELL NUMBER TEICHMANN "A" 1-4

SECTION-TOWN-RANGE 4-25S-17W

FORMATION TESTED TARKIO

STATE KANSAS

DRILL STEM TEST NUMBER 5

COUNTY EDWARDS

REPORT NUMBER 12144

ELEVATION GROUND LEVEL 2133

ELEVATION KELLY BUSHINGS 2144

COMPANY REPRESENTATIVE BILL REE

TESTING ENGINEER FRANK ZAMARRIPA

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3322

TOP PACKER DEPTH 3317

TEST INTERVAL (to) 3352

BOTTOM PACKER DEPTH 3322

ANCHOR LENGTH 30

NUMBER OF PACKERS 2

TOTAL DEPTH (ft) 3352

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 1:55P

TOOL OPEN (from) 2:40

TOOL OPEN (to) 2:10

TOOL OPEN (to) 2:55

DURATION (min.) 15

DURATION (min.) 15

INITIAL SHUT-IN

FINAL SHUT-IN

TOOL CLOSED (from) 2:10

TOOL CLOSED (from) 2:55

TOOL CLOSED (to) 2:40

TOOL CLOSED (to) 3:55

DURATION (min.) 30

DURATION (min.) 60

INITIAL FLOW

WEAK SURFACE BLOW

FINAL FLOW

WEAK SURFACE BLOW

Company: F.G. HOLL COMPANY LLC
TWP. 25S RGE. 17W

Lease & Well No. TEICHMANN "A" 1-4 Test #5 Date: 1-20-07 SEC. 4

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	LEASE AND WELL NUMBER	TEICHMANN"A" 1-4
TEST DATE	1/20/07	FORMATION TESTED	TARKIO
SECTION-TOWN-RANGE	4-25S-17W	DRILL STEM TEST NUMBER	5
STATE	KANSAS	REPORT NUMBER	12144
COUNTY	EDWARDS	ELEVATION KELLY BUSHINGS	2144
ELEVATION GROUND LEVEL	2133	TESTING ENGINEER	FRANK ZAMARRIPA
COMPANY REPRESENTATIVE	BILL REE		

EXTRA EQUIPMENT

JARS	YES	EXTRA PACKER (4TH)	NO
SAFETY JOINT	YES	STRADDLE	NO
ELECTRONIC RECORDER	YES	HOOK WALL	NO
CIRCULATING SUB	NO	SAMPLER	NO
92 MILES ROUND TRIP FROM		GREAT BEND	
TOP RECORDER DEPTH	3349	BOTTOM RECORDER DEPTH	3350
RECORDER NUMBER	91951	RECORDER NUMBER	10250

WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG#1	DRILL COLLAR LENGTH	30
DRILL PIPE LENGTH	3265	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.		

COMMENTS

Drill Stem Test Report

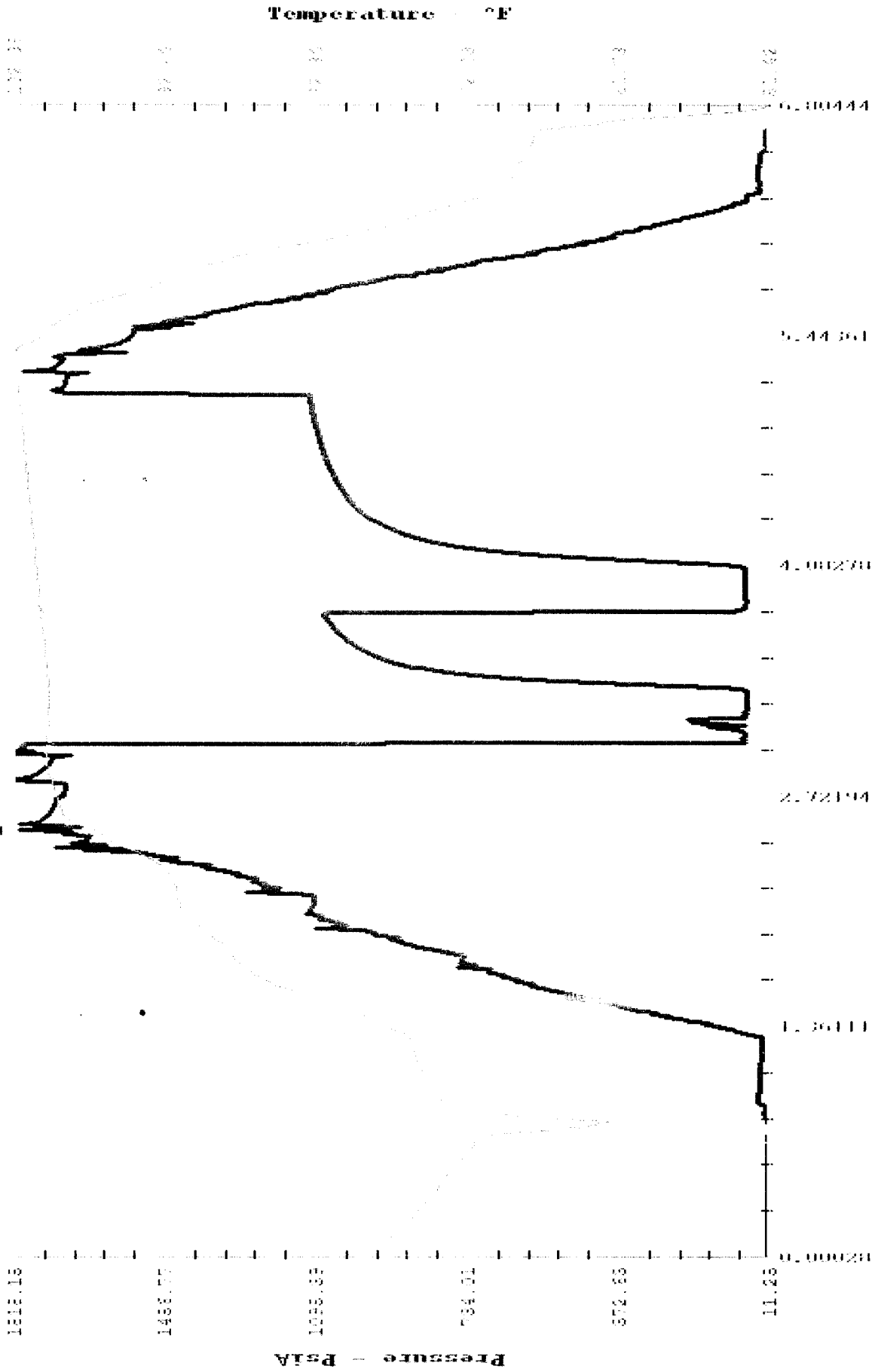
Recovery Sample Description

1-800-792-6902

Great Bend, Kansas 67530

[illegible]

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 1-23-07 Location 4-255-17W Elevation 2133 County EDWARDS

Company F.G. HOLL COMPANY LLC Number of Copies 6

Charts Mailed to 9431 E. CENTRAL SUITE 100 WICHITA KS 67204

Drilling Contractor DUKE DRILLING RIG #1

Length Drill Pipe 4109 I.D. Drill Pipe 3.8 Tool Joint Size 4 1/2 X H

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

Length Drill Collars 30 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 X H

Top Packer Depth 4116.1 Bottom Packer Depth 4116.6 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 4116.6 TO 4198 ANCHOR LENGTH 32 TOTAL DEPTH 4198 Hole Size 7 7/8

LEASE & WELL NO. TEICHMANN "A" 1-4 FORMATION TESTED LANSING "J" TEST NO. 6

Mud Weight 9.3 Viscosity 58 Water Loss 8.4 Chlorides - Pits 6000 D.S.T. _____

Maximum Temp. 114 °F Initial Hydrostatic Pressure (A) 2050 P.S.I. Final Hydrostatic Pressure (H) 1959 P.S.I.

Tool Open I.F.P. from 9:00 A.M. to 9:15 A.M. 15 min

Tool Closed I.C.I.P. from 9:15 A.M. to 9:45 A.M. 30 min

Tool Open F.F.P. from 9:45 A.M. to 10:00 A.M. 15 min

Tool Closed F.C.I.P. from 10:00 A.M. to 10:30 A.M. 30 min

Initial Blow WEAK SURFACE BLOW FOR 15 MINUTES

Final Blow NO BLOW

Total Feet Recovered 2460 in GAS 30 ft of Fluid Gravity of Oil _____ Corrected

30 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 NO Straddle NO Hook Wall NO

Top Recorder No. 91951 Clock No. Electronic Depth 4194 Cir. Sub _____ Sampler NO

Bottom Recorder No. 10250 Clock No. 47441 Depth 4195 Insurance _____

Price of Job _____

Tool Operator Frank Zomai

Approved By _____

NE 12145

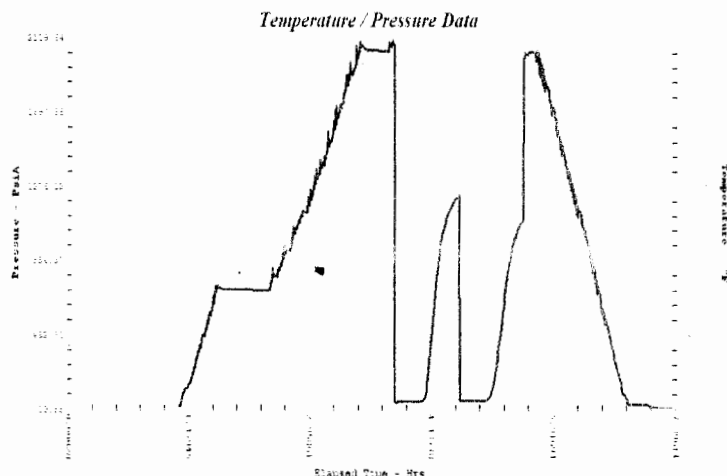
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SUPERIOR TESTERS ENTERPRISES L.L.C.

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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	2080
2	Initial Flow Pressure	49
3	Final Initial Flow Pressure	54
4	Initial Shut-In Pressure	1226
5	Initial Final Flow Pressure	58
6	Final Flow Pressure	60
7	Final Shut-In Pressure	1087
8	Final Hydrostatic Pressure	1959

Maximum Temperature 114

GENERAL INFORMATION

COMPANY NAME F.G. HOLL COMPANY LLC

TEST DATE 1/23/07

SECTION-TOWN-RANGE 4-25S-17W

STATE KANSAS

COUNTY EDWARDS

ELEVATION GROUND LEVEL 2133

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER TEICHMANN "A" 1-4

FORMATION TESTED LANSING "J"

DRILL STEM TEST NUMBER 6

REPORT NUMBER 12145

ELEVATION KELLY BUSHINGS 2144

TESTING ENGINEER FRANK ZAMARRIPA

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4166

TEST INTERVAL (to) 4198

ANCHOR LENGTH 32

TOTAL DEPTH (ft) 4198

TOP PACKER DEPTH 4161

BOTTOM PACKER DEPTH 4166

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 9:00A

TOOL OPEN (to) 9:15

DURATION (min.) 15

FINAL OPEN

TOOL OPEN (from) 9:45

TOOL OPEN (to) 10:00

DURATION (min.) 15

INITIAL SHUT-IN

TOOL CLOSED (from) 9:15

TOOL CLOSED (to) 9:45

DURATION (min.) 30

FINAL SHUT-IN

TOOL CLOSED (from) 10:00

TOOL CLOSED (to) 10:30

DURATION (min.) 30

INITIAL FLOW

WEAK SURFACE BLOW FOR 15 MINUTES

FINAL FLOW

NO BLOW

Company: F.G. HOLL COMPANY LLC
TWP. 25S RGE. 17W
Lease & Well No. TEICHMANN "A" 1-4 Test #: 6 Date: 1-23-07 SEC. 4

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME
TEST DATE **1/23/07**
SECTION-TOWN-RANGE **4-25S-17W**
STATE **KANSAS**
COUNTY **EDWARDS**
ELEVATION GROUND LEVEL **2133**
COMPANY REPRESENTATIVE **BILL REE**
LEASE AND WELL NUMBER **TEICHMANN"A" 1-4**
FORMATION TESTED **LANSING "J"**
DRILL STEM TEST NUMBER **6**
REPORT NUMBER **12145**
ELEVATION KELLY BUSHINGS **2144**
TESTING ENGINEER **FRANK ZAMARRIPA**

EXTRA EQUIPMENT

JARS **YES**
SAFETY JOINT **YES**
ELECTRONIC RECORDER **YES**
CIRCULATING SUB **NO**
92 MILES ROUND TRIP FROM **GREAT BEND**
TOP RECORDER DEPTH **4194**
RECORDER NUMBER **91951**
EXTRA PACKER (3RD) **NO**
EXTRA PACKER (4TH) **NO**
STRADDLE **NO**
HOOK WALL **NO**
SAMPLER **NO**
BOTTOM RECORDER DEPTH **4195**
RECORDER NUMBER **10250**

WELL INFORMATION

DRILLING CONTRACTOR **DUKE DRILLING RIG #1**
DRILL PIPE LENGTH **4109**
DRILL PIPE I.D. **3.8**
TOOL JOINT SIZE **4 1/2 X.H.**
DRILL COLLAR LENGTH **30**
DRILL COLLAR I.D. **2.25**
TOOL JOINT SIZE **4 1/2 X.H.**

COMMENTS

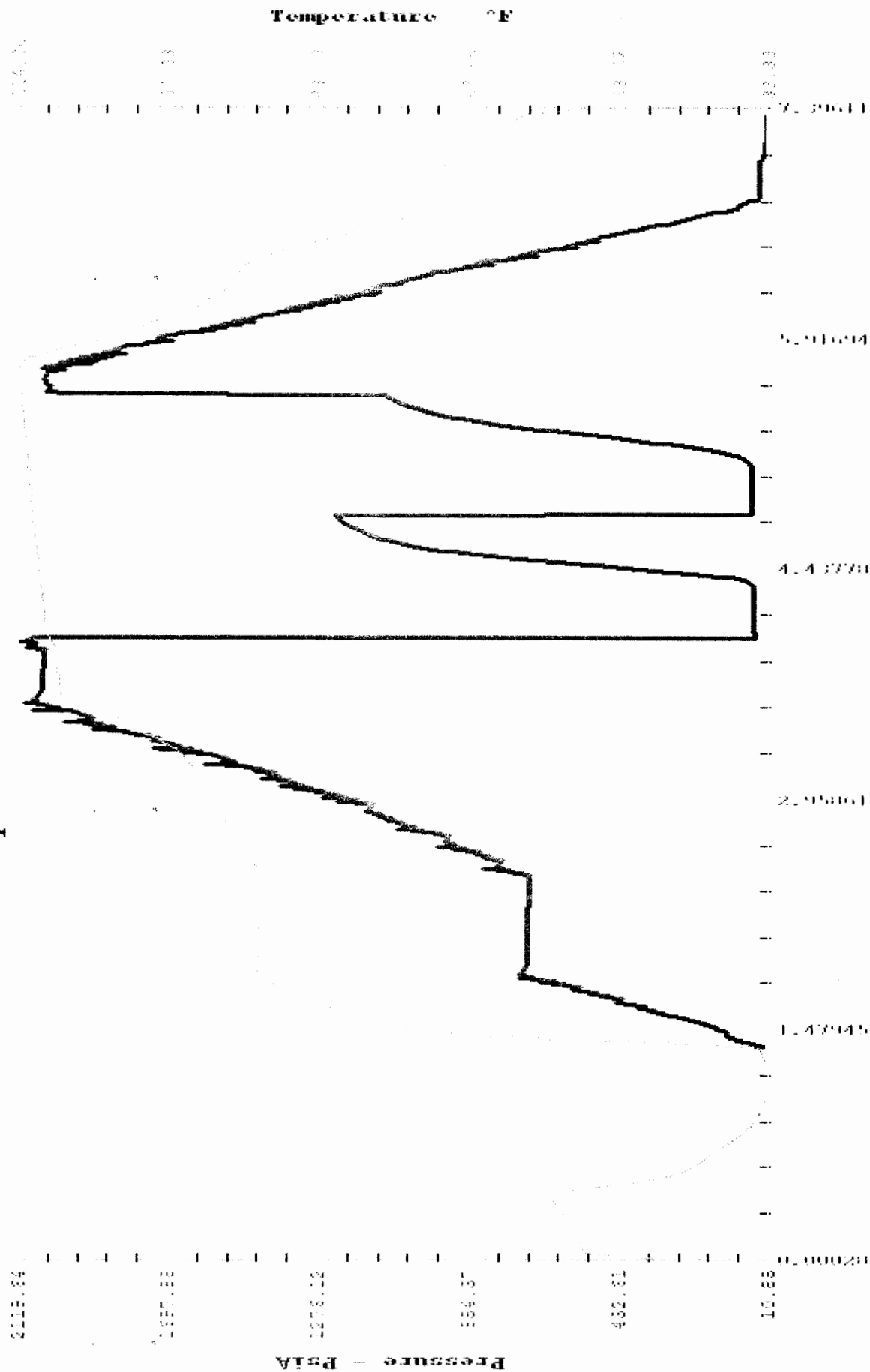
Drill Stem Test Report

Recovery Sample Description

Great Bend, Kansas 67530

Drill Pipe	I.D.	Feet	Recovery Description For	Drill Pipe	Gas	Oil	Mud	Water	Total bbls.
4 1/2	3.82								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	0.0000	0.0000	
	2.25	30	MUD				100%		0.1470
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Total Recovery		30	Feet						0.0000
			Total	s. Recovered From Drill Pipe	0.0000	0.0000	0.0000	0.0000	Total
			Total bbls	Recovered From Drill Collars	0.0000	0.0000	0.1470	0.0000	bbls
				Total bbls Recovered	0.0000	0.0000	0.1470	0.0000	0.1470
					Gas	Oil	Mud	Water	
MUD WEIGHT #/GAL	9.3			Resistivity		ohms @		Degrees	
VISCOSITY	58			Recovery Chlorides		ppm			
WATER LOSS	8.4			Pit Chlorides	6000	ppm			
				4 1/2 inch Drill Pipe 3.83	I.D. Drill Collars 2.25	I.D			
				F.G. HOLL COMPANY LLC	4-25S-17W	TEICHMANN "A" 1-4	1-23-07	DST #6 LANSING "J"	

Temperature / Pressure Data



Elapsed Time - Hrs

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 1-24-07 Location 4-255-17W Elevation 2133 County EDWARDS

Company F.G. HOLL COMPANY LLC Number of Copies 6

Charts Mailed to 9131 E. CENTRAL SUITE 100 WICHITA KS 67206

Drilling Contractor DUKE DRILLING RIG #1

Length Drill Pipe 4182 I.D. Drill Pipe 3.8 Tool Joint Size 4 1/2 X 4

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

Length Drill Collars 30 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 X 4

Top Packer Depth 4234 Bottom Packer Depth 4241 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 4241 TO 4324 ANCHOR LENGTH 83 TOTAL DEPTH 4324 Hole Size 7 7/8

LEASE & WELL NO. TEICHMANN "A" 1-4 FORMATION TESTED MARMENTON TEST NO. 7

Mud Weight 9.3 Viscosity 62 Water Loss 11.2 Chlorides - Pits 8200 D.S.T. 85000

Maximum Temp. 128 °F Initial Hydrostatic Pressure (A) 2184 P.S.I. Final Hydrostatic Pressure (H) 2142 P.S.I.

Tool Open I.F.P. from 6:00 A m to 6:15 A m 15 min

Tool Closed I.C.I.P. from 6:15 A m to 6:45 A m 30 min

Tool Open F.F.P. from 6:45 A m to 7:15 A m 30 min

Tool Closed F.C.I.P. from 7:15 A m to 8:15 A m 60 min

from [B] <u>73</u> P.S.I. to [C] <u>107</u> P.S.I.
[D] <u>110</u> P.S.I.
from [E] <u>114</u> P.S.I. to [F] <u>174</u> P.S.I.
[G] <u>244</u> P.S.I.

Initial Blow WEAK BUILDING BLOW BUILT TO 4 INCHES IN 15 MINUTES

Final Blow WEAK BUILDING BLOW BUILT TO 5 INCHES IN 30 MINUTES

Total Feet Recovered 345 ft of fluid ~~ROD SETS~~ Gravity of Oil _____ Corrected

45 Feet of MUD % Gas _____ % Oil 100 % Mud _____ % Water

120 Feet of MUDDY WATER % Gas _____ % Oil 30 % Mud 70 % Water

120 Feet of WATERY MUD % Gas _____ % Oil 65 % Mud 35 % Water

60 Feet of WATER % Gas _____ % Oil _____ % Mud 100 % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

_____ Feet of CHLORIDES 85000 % 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 NO Straddle NO Hook Wall NO

Top Recorder No. 91951 Clock No. Electronic Depth 4320 Cir. Sub _____ Sampler NO

Bottom Recorder No. 10250 Clock No. 47441 Depth 4321 Insurance _____

Price of Job _____

Tool Operator Frank Zamarrano

Approved By _____

NO 12146

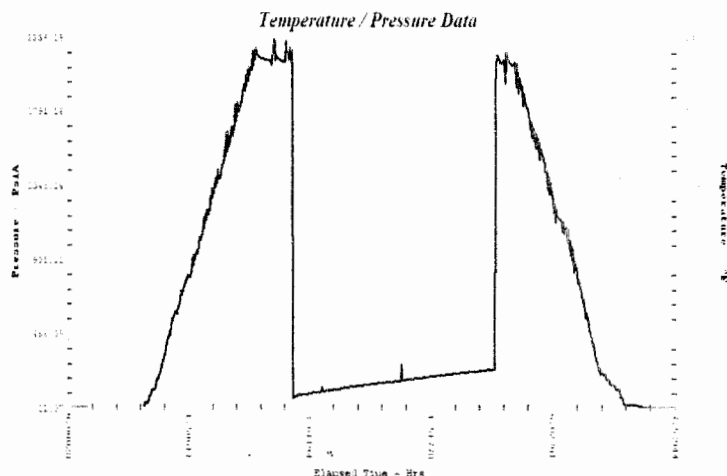
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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	2181
2	Initial Flow Pressure	73
3	Final Initial Flow Pressure	107
4	Initial Shut-In Pressure	140
5	Initial Final Flow Pressure	141
6	Final Flow Pressure	170
7	Final Shut-In Pressure	244
8	Final Hydrostatic Pressure	2142

Maximum Temperature 128

GENERAL INFORMATION

COMPANY NAME F.G. HOLL COMPANY LLC

TEST DATE 1/24/07

SECTION-TOWN-RANGE 4-25S-17W

STATE KANSAS

COUNTY EDWARDS

ELEVATION GROUND LEVEL 2133

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER TEICHMANN "A" 1-4

FORMATION TESTED MARMENTON

DRILL STEM TEST NUMBER 7

REPORT NUMBER 12146

ELEVATION KELLY BUSHINGS 2144

TESTING ENGINEER FRANK ZAMARRIPA

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4241

TEST INTERVAL (to) 4324

ANCHOR LENGTH 83

TOTAL DEPTH (ft) 4324

TOP PACKER DEPTH 4236

BOTTOM PACKER DEPTH 4241

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN*

TOOL OPEN (from) 6:00A

TOOL OPEN (to) 6:15

DURATION (min.) 15

FINAL OPEN

TOOL OPEN (from) 6:45

TOOL OPEN (to) 7:15

DURATION (min.) 30

INITIAL SHUT-IN

TOOL CLOSED (from) 6:15

TOOL CLOSED (to) 6:45

DURATION (min.) 30

FINAL SHUT-IN

TOOL CLOSED (from) 7:15

TOOL CLOSED (to) 8:15

DURATION (min.) 60

INITIAL FLOW

WEAK BUILDING BLOW BUILT TO 4 INCHES IN 15 MINUTES
BLOW BACK

FINAL FLOW

WEAK BUILDING BLOW BUILT TO 5 INCHES IN 30 MINUTES

Company: F.G. HOLL COMPANY LLC
TWP. 25S RGE. 17W

Lease & Well No. TEICHMANN "A" 1-4 Test #: 7 Date: 1-24-07 SEC. 4

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	LEASE AND WELL NUMBER	TEICHMANN"A" 1-4
TEST DATE	1/24/07	FORMATION TESTED	MARMENTON
SECTION-TOWN-RANGE	4-25S-17W	DRILL STEM TEST NUMBER	7
STATE	KANSAS	REPORT NUMBER	12146
COUNTY	EDWARDS	ELEVATION KELLY BUSHINGS	2144
ELEVATION GROUND LEVEL	2133	TESTING ENGINEER	FRANK ZAMARRIPA
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
	92 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	4320	BOTTOM RECORDER DEPTH	4321
RECORDER NUMBER	91951	RECORDER NUMBER	10250

WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG #1	DRILL COLLAR LENGTH	30
DRILL PIPE LENGTH	4182	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.		

COMMENTS

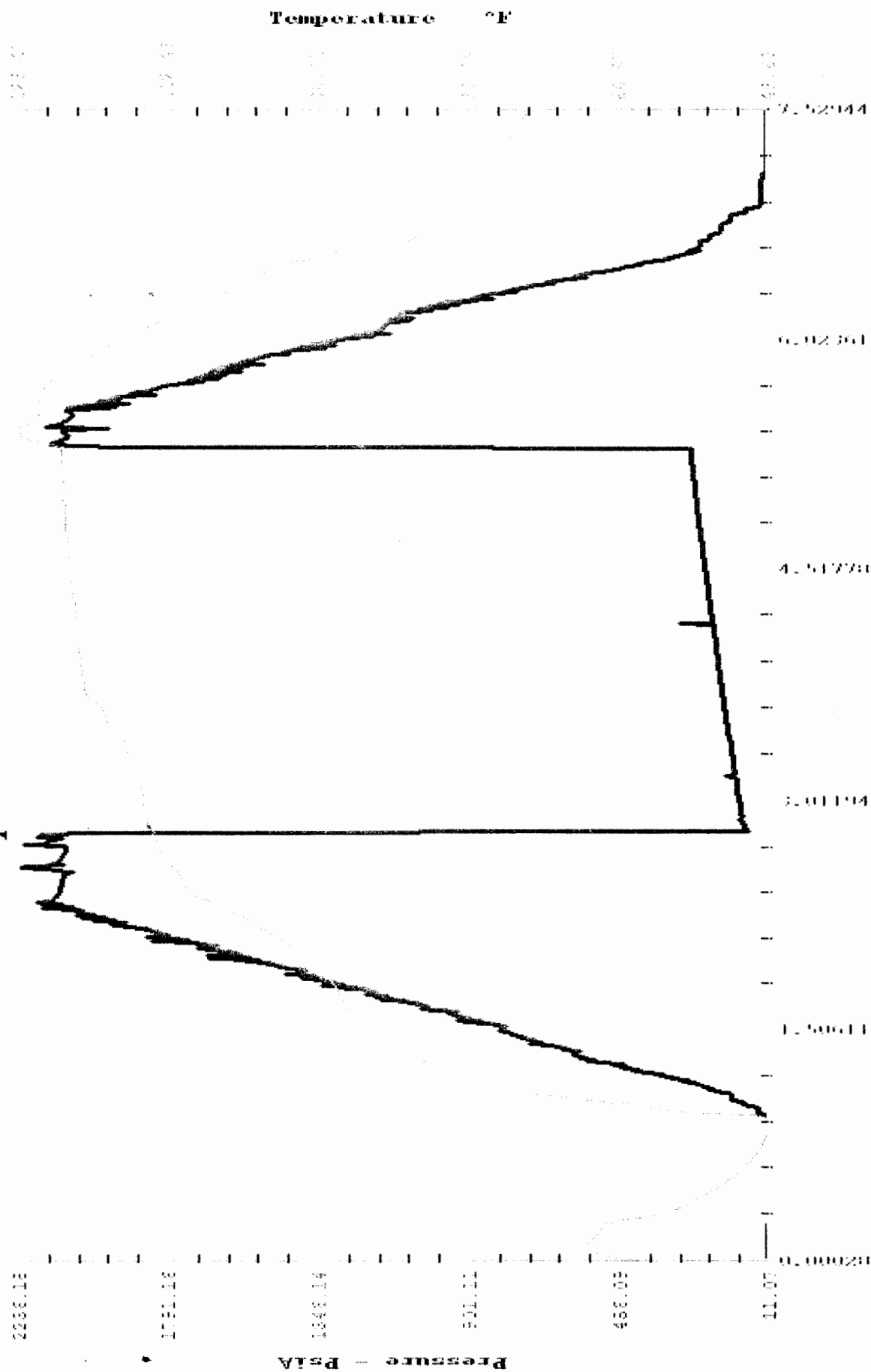
Drill Stem Test Report

1-800-792-6902

Great Bend, Kansas 67530

[illegible]

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

(316) 792-6902

KB2144

Date 1-25-07 Location 4-255-17W Elevation 2133 County EDWARDS

Company F.G. HOLL COMPANY LLC Number of Copies 6

Charts Mailed to 9431 E. CENTRAL SUITE 100 WICHITA KS 67206

Drilling Contractor DUKE DRILLING RIG #1

Length Drill Pipe 4333 I.D. Drill Pipe 3.8 Tool Joint Size 4 1/2 XH

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

Length Drill Collars 30 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 XH

Top Packer Depth 4387 Bottom Packer Depth 4392 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 4392 TO 4487 ANCHOR LENGTH 95 TOTAL DEPTH 4487 Hole Size 7 7/8

LEASE & WELL NO. TEICHMANN "A" 1-4 FORMATION TESTED CHEROKEE/MISSISSIPPI TEST NO. 8

Mud Weight 9.4 Viscosity 68 Water Loss 9.6 Chlorides - Pits 7900 D.S.T. _____

Maximum Temp. 121 °F Initial Hydrostatic Pressure (A) 2219 P.S.I. Final Hydrostatic Pressure (H) 2140 P.S.I.

Tool Open I.F.P. from 10:25 A m to 10:55 A m 30 min

Tool Closed I.C.I.P. from 10:55 A m to 11:55 A m 60 min

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

Tool Closed F.C.I.P. from 12:45 P m to 12:45 P m 00 min

from [B] <u>129</u> P.S.I. to [C] <u>142</u> P.S.I.
[D] <u>449</u> P.S.I.
from [E] <u>140</u> P.S.I. to [F] <u>146</u> P.S.I.
[G] <u>549</u> P.S.I.

Initial Blow FAIR BUILDING BLOW BUILT TO 9 INCHES IN 30 MINUTES

Final Blow NO BLOW, FLUSHED TOOL, NO BLOW

Total Feet Recovered 120 ft of fluid Gravity of Oil _____ Corrected

60 Feet of MUD % Gas _____ % Oil 100 % Mud _____ % Water

60 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

Remarks _____

Extra Equipment - Jars YES Safety Joint YES Extra Packer NO Straddle NO Hook Wall NO

Top Recorder No. 91951 Clock No. Electronic Depth 4483 Cir. Sub _____ Sampler NO

Bottom Recorder No. 10280 Clock No. 47441 Depth 4484 Insurance _____

Price of Job _____

Tool Operator Frank Zomari

Approved By _____

NO 12147

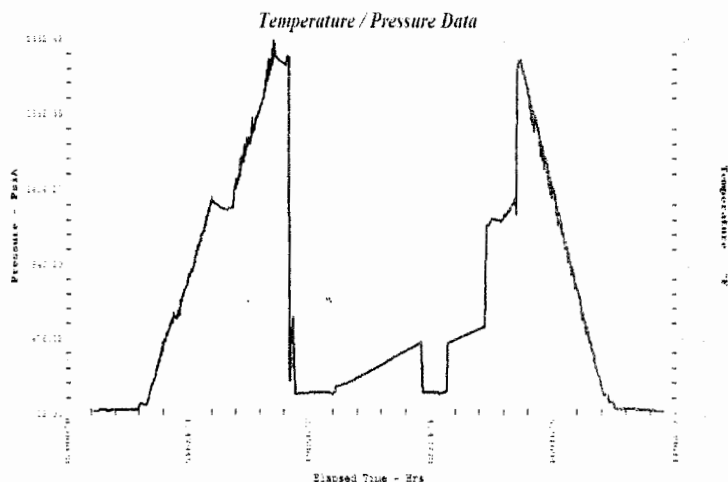
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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	2219
2	Initial Flow Pressure	129
3	Final Initial Flow Pressure	142
4	Initial Shut-In Pressure	449
5	Initial Final Flow Pressure	140
6	Final Flow Pressure	146
7	Final Shut-In Pressure	549
8	Final Hydrostatic Pressure	2140

Maximum Temperature 121

GENERAL INFORMATION

COMPANY NAME F.G. HOLL COMPANY LLC

TEST DATE 1/25/07

SECTION-TOWN-RANGE 4-25S-17W

STATE KANSAS

COUNTY EDWARDS

ELEVATION GROUND LEVEL 2133

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER TEICHMANN "A" 1-4

FORMATION TESTED CHEROKEE/MISSISSIPPI

DRILL STEM TEST NUMBER 8

REPORT NUMBER 12147

ELEVATION KELLY BUSHINGS 2144

TESTING ENGINEER FRANK ZAMARRIPA

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4392

TEST INTERVAL (to) 4487

ANCHOR LENGTH 95

TOTAL DEPTH (ft) 4487

TOP PACKER DEPTH 4387

BOTTOM PACKER DEPTH 4392

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 10:25A

TOOL OPEN (to) 10:55

DURATION (min.) 30

FINAL OPEN

TOOL OPEN (from) 12:00

TOOL OPEN (to) 12:15

DURATION (min.) 15

INITIAL SHUT-IN

TOOL CLOSED (from) 10:55

TOOL CLOSED (to) 11:55

DURATION (min.) 60

FINAL SHUT-IN

TOOL CLOSED (from) 12:15

TOOL CLOSED (to) 12:45

DURATION (min.) 30

INITIAL FLOW

FAIR BUILDING BLOW BUILT TO 9 INCHES IN 30 MINTUES

FINAL FLOW

NO BLOW, FLUSHED TOOL, NO BLOW

Company: F.G. HOLL COMPANY LLC
TWP. 25S RGE. 17W

Lease & Well No. TEICHMANN "A" 1-4 Test #: 8 Date: 1-25-07 SEC. 4

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	LEASE AND WELL NUMBER	TEICHMANN "A" 1-4
TEST DATE	1/25/07	FORMATION TESTED	CHEROKEE/MISSISSIPPI
SECTION-TOWN-RANGE	4-25S-17W	DRILL STEM TEST NUMBER	8
STATE	KANSAS	REPORT NUMBER	12147
COUNTY	EDWARDS	ELEVATION KELLY BUSHINGS	2144
ELEVATION GROUND LEVEL	2133	TESTING ENGINEER	FRANK ZAMARRIPA
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
	92 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	4483	BOTTOM RECORDER DEPTH	4484
RECORDER NUMBER	91951	RECORDER NUMBER	10250

WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG #1	DRILL COLLAR LENGTH	30
DRILL PIPE LENGTH	4333	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.		

COMMENTS

Drill Stem Test Report

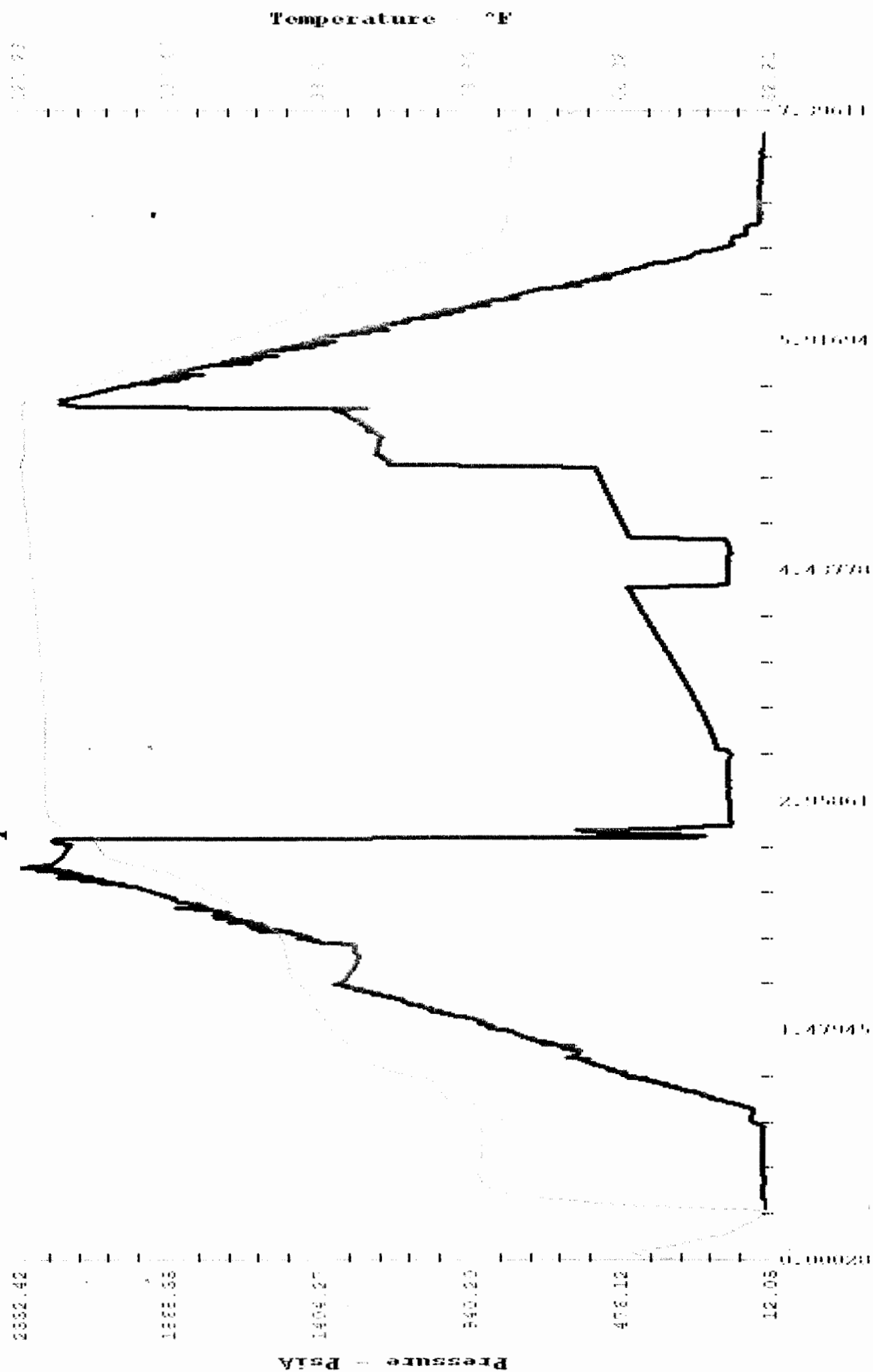
Recovery Sample Description

1-800-792-6902

Great Bend, Kansas 67530

[illegible]

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 1-26-07 Location 4-25-17 Elevation 2133 County Edwards

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

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

Drilling Contractor Duke Drilling Rig #1

Length Drill Pipe 1426 I.D. Drill Pipe 3.8 Tool Joint Size 4'2XH

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

Length Drill Collars 30. I.D. Drill Collars 2.25 Tool Joint Size 4'2XH

Top Packer Depth 4477 Bottom Packer Depth 4482 Number of Packers 2 Packer Size 6'3/4

TESTED FROM 4482 TO 4505 ANCHOR LENGTH 23 TOTAL DEPTH 4505 Hole Size 7'8

LEASE & WELL NO. Teichmann 'A' 14 FORMATION TESTED Kinderhook TEST NO. 9

Mud Weight 9.4 Viscosity 17 Water Loss 8.0 Chlorides - Pits 1300 D.S.T. _____

Maximum Temp. 123 °F Initial Hydrostatic Pressure (A) 2255 P.S.I. Final Hydrostatic Pressure (H) 2183 P.S.I.

Tool Open I.F.P. from 5:22 A to 5:52 A 30 min

Tool Closed I.C.I.P. from 5:52 A to 6:52 A 60 min

Tool Open F.F.P. from 6:52 A to 7:37 A 45 min

Tool Closed F.C.I.P. from 7:37 A to 9:07 A 90 min

Initial Blow Very weak Surface Blow Built

Final Blow Weak weak Surface Blow Built & died off

Total Feet Recovered _____ Gravity of Oil _____ Corrected _____

10 Feet of Drilling mud % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Remarks little plug in 1st open cleaned up after

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

Top Recorder No. 4023 Clock No. Anderson Depth 4501 Cir. Sub _____ Sampler _____

Bottom Recorder No. 3088 Clock No. 47441 Depth 4502 Insurance _____

Price of Job _____

Tool Operator Paul Bohl

Approved By _____

No 14342

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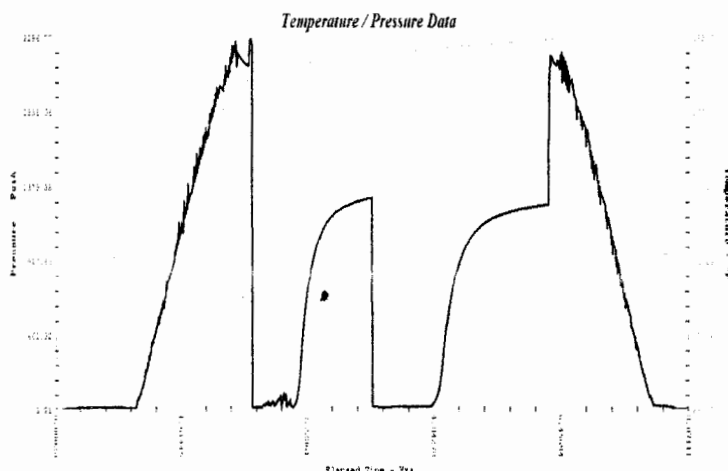
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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F.G HOLL COMPANY L.L.C
25 RGE. 17

Lease & Well No. TEICHMAN A 1-4 Test #: 9 Date: 1-26-07 SEC. 4 TWP.



1	Initial Hydrostatic Pressure	2255
2	Initial Flow Pressure	20
3	Final Initial Flow Pressure	24
4	Initial Shut-In Pressure	1311
5	Initial Final Flow Pressure	23
6	Final Flow Pressure	23
7	Final Shut-In Pressure	1271
8	Final Hydrostatic Pressure	2183

Maximum Temperature 123

GENERAL INFORMATION

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

TEST DATE 1/26/07

SECTION-TOWN-RANGE 42850

STATE KANSAS

COUNTY EDWARDS

ELEVATION GROUND LEVEL 2133

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER TEICHMAN A 1-4

FORMATION TESTED KINDER-HOOK

DRILL STEM TEST NUMBER 9

REPORT NUMBER 14342

ELEVATION KELLY BUSHINGS 2144

TESTING ENGINEER JARED SCHECK

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4482

TEST INTERVAL (to) 4505

ANCHOR LENGTH 23

TOTAL DEPTH (ft) 4505

TOP PACKER DEPTH 4477

BOTTOM PACKER DEPTH 4482

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 5:22A

TOOL OPEN (from) 6:52

INITIAL OPEN TOOL OPEN (to) 5:52

FINAL OPEN TOOL OPEN (to) 7:37

DURATION (min.) 30

DURATION (min.) 45

TOOL CLOSED (from) 5:52

TOOL CLOSED (from) 7:37

INITIAL SHUT-IN TOOL CLOSED (to) 6:52

FINAL SHUT-IN TOOL CLOSED (to) 9:07A

DURATION (min.) 60

DURATION (min.) 90

INITIAL FLOW

VERY WEAK BLOW BUILT 1 INTO TO BUCKET IN 30 MIN

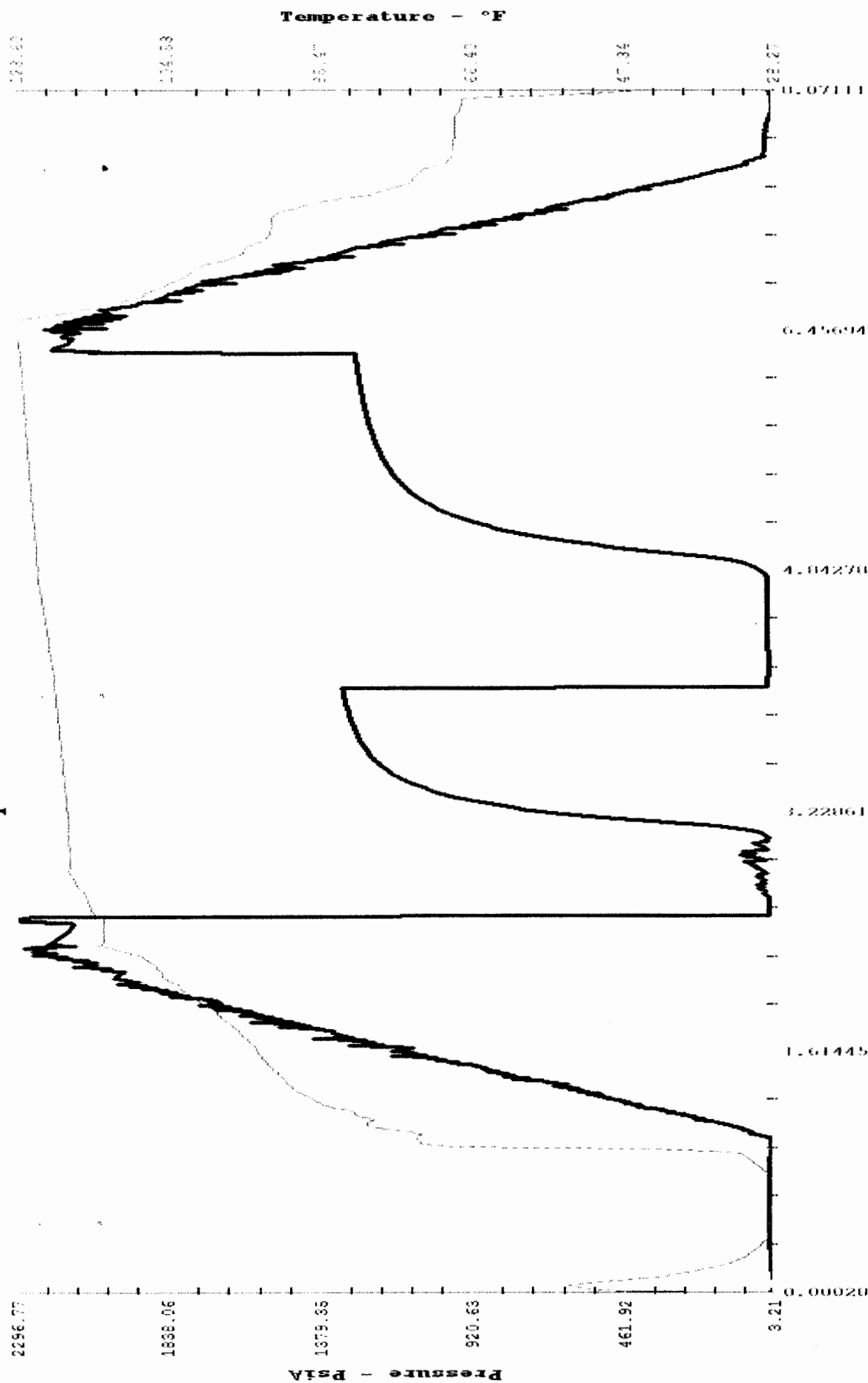
FINAL FLOW

VERY WEAK BLOW BUILT 1/2 INCH DIED OFF

Feet of	RESISTIVITY	AT	DEGREES	CHLORIDES				
Recovery	RECOVERY DESCRIPTION			% GAS	% OIL	% MUD	% WATER	
1) 10	DRILLING MUD							
2)								
3)								
4)								
5)								

GREAT BEND, KANSAS 67530 (800)792-6902

Temperature / Pressure Data



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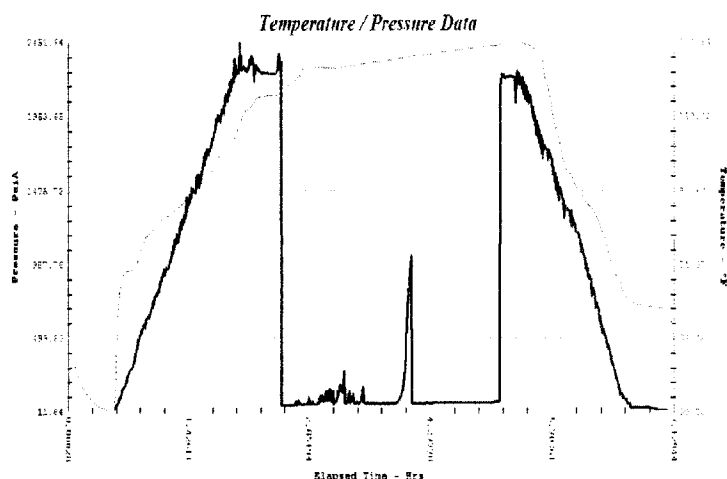
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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F.G. HOLL COMPANY LLC
SEC. 4 TWP. 25S RGE. 17W

Lease & Well No. TEICHMANN "A" 1-4 Test #: 10 Date: 1-27-07



- 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 LLC	
TEST DATE 1/27/07	LEASE AND WELL NUMBER TEICHMANN "A" 1-4
SECTION-TOWN-RANGE 4-25S-17W	FORMATION TESTED VIOLA
STATE KANSAS	DRILL STEM TEST NUMBER 10
COUNTY EDWARDS	REPORT NUMBER 12148
ELEVATION GROUND LEVEL 2133	ELEVATION KELLY BUSHINGS 2144
COMPANY REPRESENTATIVE BILL REE	TESTING ENGINEER FRANK ZAMARRIPA

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4565	TOP PACKER DEPTH 4560
TEST INTERVAL (to) 4605	BOTTOM PACKER DEPTH 4565
ANCHOR LENGTH 40	NUMBER OF PACKERS 2
TOTAL DEPTH (ft) 4605	PACKER SIZE 6 3/4
	HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN		FINAL OPEN	
TOOL OPEN (from) 4:25A		TOOL OPEN (from) 5:40	
TOOL OPEN (to) 4:40		TOOL OPEN (to) 5:55	
DURATION (min.) 15		DURATION (min.) 15	
INITIAL SHUT-IN		FINAL SHUT-IN	
TOOL CLOSED (from) 4:40		TOOL CLOSED (from) 5:55	
TOOL CLOSED (to) 5:40		TOOL CLOSED (to) 6:55	
DURATION (min.) 60		DURATION (min.) 60	

INITIAL FLOW

WEAK SURFACE BLOW IN 15 MINUTES

FINAL FLOW

WEAK SURFACE BLOW IN 15 MINUTES

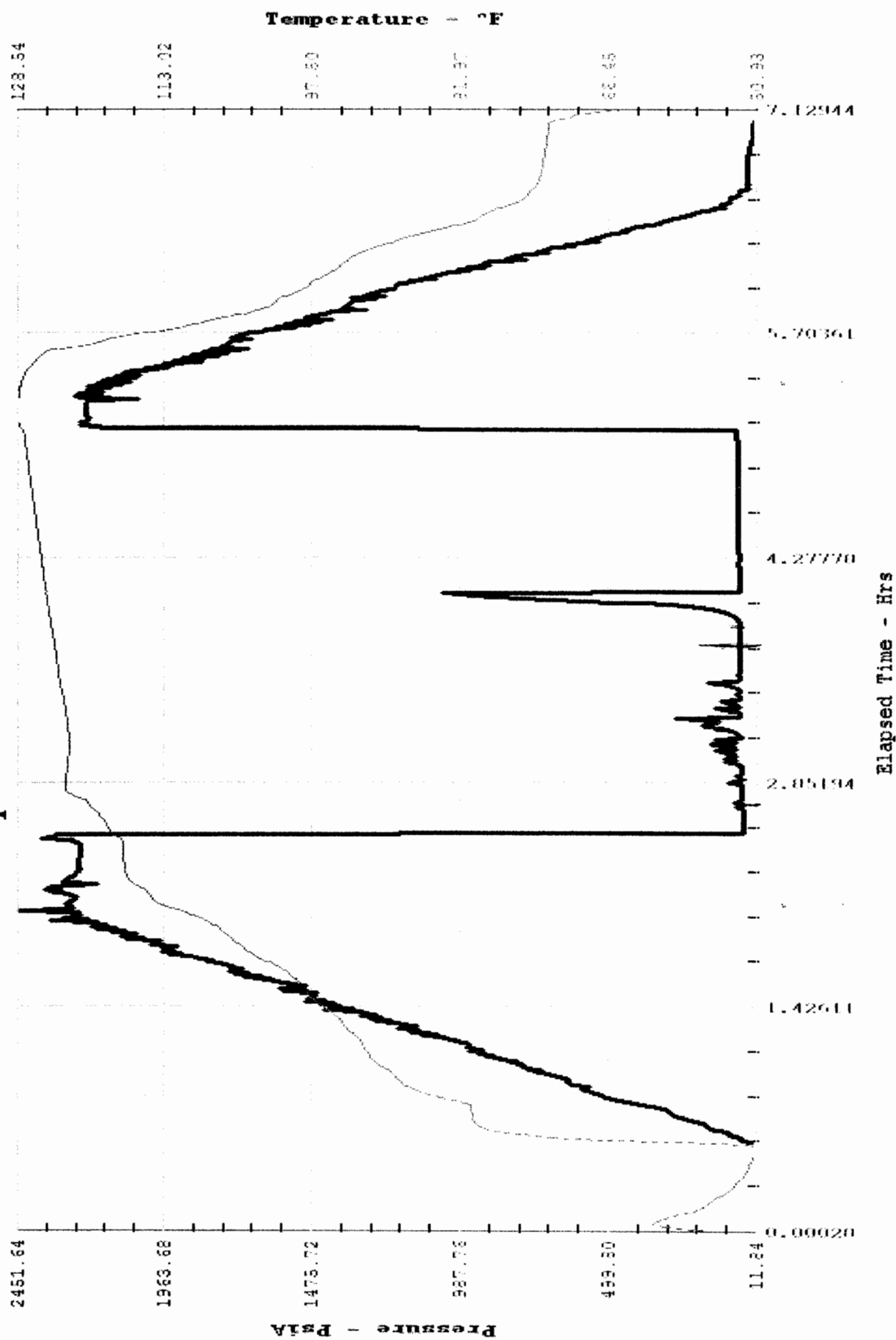
GREAT BEND, KANSAS 67530 (800)792-6902

Recovery Sample Description

Great Bend, Kansas 67530

[illegible]

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 1-27-07 Location 4-25-17 Elevation 2133 County Edwards
 Company F.O. Hall Company LLC Number of Copies 5
 Charts Mailed to 9431 F Central Suite #100 Wichita KS 67206
 Drilling Contractor Duke Drilling Rig #1
 Length Drill Pipe 4512 I.D. Drill Pipe 3.8 Tool Joint Size 4 1/2 XH
 Length Weight Pipe _____ I.D. Weight Pipe _____ Tool Joint Size _____
 Length Drill Collars 30 I.D. Drill Collars 205 Tool Joint Size 4 1/2 XH
 Top Packer Depth 4563 Bottom Packer Depth 4568 Number of Packers 2 Packer Size 6 3/4
 TESTED FROM 4568 TO 4627 ANCHOR LENGTH 59 TOTAL DEPTH 4627 Hole Size 7 7/8
 LEASE & WELL NO. Teichmann A 1-4 FORMATION TESTED riok TEST NO. 11
 Mud Weight 9.35 Viscosity 83 Water Loss 122 Chlorides - Ppt 11500 D.S.T. _____
 Maximum Temp. 121 °F Initial Hydrostatic Pressure (A) 2312 P.S.I. Final Hydrostatic Pressure (H) 2172 P.S.I.

Tool Open I.F.P. from 9:40 p.m. to 10:10 p.m. 30 min
 Tool Closed I.C.I.P. from 10:10 p.m. to 11:10 p.m. 60 min
 Tool Open F.F.P. from 11:10 p.m. to 11:40 p.m. 30 min
 Tool Closed F.C.I.P. from 11:40 p.m. to 12:40 p.m. 30 min

from [B] <u>608</u>	P.S.I. to [C] <u>760</u>	P.S.I.
[D] <u>1508</u>		P.S.I.
from [E] <u>80</u>	P.S.I. to [F] <u>84</u>	P.S.I.
[G] <u>1989</u>		P.S.I.

Initial Blow Very weak Surface Blow Built 1 1/2 in 30 min
 Final Blow No Blow Built Very Weak Blow 2 inch into Bucket in 30 min

Total Feet Recovered 62 Gravity of Oil _____ Corrected _____
62 Feet of Drilling mud % Gas _____ % Oil _____ % Mud _____ % Water _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Remarks _____

Extra Equipment - Jars Yes Safety Joint Yes Extra Packer _____ Straddle _____ Hook Wall _____
 Top Recorder No. 91951 Clock No. Electron 4 Depth 4623 Cir. Sub _____ Sampler _____
 Bottom Recorder No. 10250 Clock No. 47441 Depth 4624 Insurance _____

Price of Job _____
 Tool Operator [Signature]
 Approved By _____

No 14343

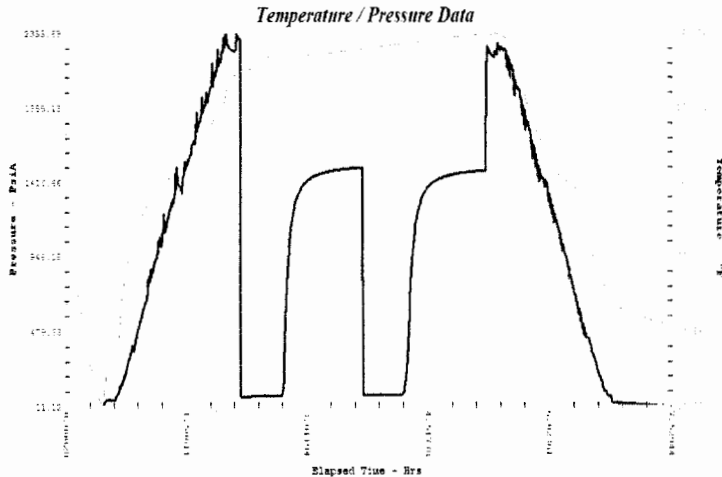
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SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	2312
2	Initial Flow Pressure	68
3	Final Initial Flow Pressure	76
4	Initial Shut-In Pressure	1508
5	Initial Final Flow Pressure	80
6	Final Flow Pressure	84
7	Final Shut-In Pressure	1489
8	Final Hydrostatic Pressure	2172

Maximum Temperature 121

GENERAL INFORMATION

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

TEST DATE 1/27/07

SECTION-TOWN-RANGE 42850

STATE KANSAS

COUNTY EDWARDS

ELEVATION GROUND LEVEL 2133

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER TEICHMANN A 1-4

FORMATION TESTED VIOLA

DRILL STEM TEST NUMBER 11

REPORT NUMBER 14343

ELEVATION KELLY BUSHINGS 2144

TESTING ENGINEER JARED SCHECK

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4568

TEST INTERVAL (to) 4627

ANCHOR LENGTH 59

TOTAL DEPTH (ft) 4627

TOP PACKER DEPTH 4563

BOTTOM PACKER DEPTH 4568

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 9:40P

INITIAL OPEN TOOL OPEN (to) 10:10

DURATION (min.) 30

TOOL CLOSED (from) 10:10

INITIAL SHUT-IN TOOL CLOSED (to) 11:10

DURATION (min.) 60

TOOL OPEN (from) 11:10

FINAL OPEN TOOL OPEN (to) 11:40

DURATION (min.) 30

TOOL CLOSED (from) 11:40

FINAL SHUT-IN TOOL CLOSED (to) 12:40A

DURATION (min.) 60

INITIAL FLOW

VERY WEAK BLOW BUILT 1 1/2 INTO BUCKET IN 30 MIN

FINAL FLOW

NO BLOW BUILT TO VERY WEAK SURFACE BLOW 1/2 INTO BUCKET IN 30 MIN

RESISTIVITY		AT	DEGREES	CHLORIDES			
FEET OF	RECOVERY			%	%	%	%
Recovery	DESCRIPTION			GAS	OIL	MUD	WATER
1) 62	DRILING MUD						
2)							
3)							
4)							
5)							

Company: F.G HOLL COMPANY L.L.C
TWP. 25 RGE. 17

Lease & Well No: TEICHMANN A 1-4 Test #: 11 Date: 1-27-07 SEC. 4

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	 TEICHMANN A 1-4
TEST DATE	 1/27/07	FORMATION TESTED	 VIOLA
SECTION-TOWN-RANGE	 4/25/2017	DRILL STEM TEST NUMBER	 11
STATE	 KANSAS	REPORT NUMBER	 14343
COUNTY	 EDWARDS	ELEVATION KELLY BUSHINGS	 2144
ELEVATION GROUND LEVEL	 2133	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
90 MILES ROUND TRIP FROM GREAT BEND			
TOP RECORDER DEPTH	 4623	BOTTOM RECORDER DEPTH	 4624
RECORDER NUMBER	 91951	RECORDER NUMBER	 5463

WELL INFORMATION

DRILLING CONTRACTOR	 DUKE DRILLING RIG # 1	DRILL COLLAR LENGTH	 30
DRILL PIPE LENGTH	 4512	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	 NONE	MUD WEIGHT #/GAL	 9.35
WEIGHT PIPE I.D.	 2.25	VISCOSITY	 83
TOOL JOINT SIZE	 4 1/2 X.H.	WATER LOSS	 12.2
		CHLORIDES-PITS	 11,500
		CHLORIDES-DST	

COMMENTS

Temperature / Pressure Data

