

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 10 Location 21-21-14 W Elevation 1935 County STAFFORD

Company Duke Drilling Rig #8 F.G. Hall Company LLC Number of Copies _____

Charts Mailed to 9431 E. Central Suite #100 Wichita KS 67205

Drilling Contractor DUKE DRILLING Rig #8

Length Drill Pipe 3512 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 _____ I.D. Drill Collars _____ Tool Joint Size _____

Top Packer Depth 3528 Bottom Packer Depth 3533 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 3533 TO 3552 ANCHOR LENGTH 19 TOTAL DEPTH 3552 Hole Size 7 1/8

LEASE & WELL NO. FORD 1-21 FORMATION TESTED Lans's TEST NO. 1

Mud Weight 9.3 Viscosity 50 Water Loss 9.6 Chlorides - Pits 5000 D.S.T. 79000

Maximum Temp. 104 °F Initial Hydrostatic Pressure (A) 1842 P.S.I. Final Hydrostatic Pressure (H) 1739 P.S.I.

Tool Open I.F.P. from 10:55 pm to 11:10 pm 15 min

Tool Closed I.C.I.P. from 11:30 pm to 11:40 pm 30 min

Tool Open F.F.P. from 11:40 pm to 11:55 pm 15 min

Tool Closed F.C.I.P. from 11:55 pm to 12:25 am 30 min

Initial Blow WEAK SURFACE BLOW 1/4 in in water for 15 min

Final Blow WEAK SURFACE BLOW 1/4 in in water for 15 min

Total Feet Recovered 170 Gravity of Oil _____ Corrected

60 Feet of MUD CUT WATER % Gas _____ % Oil 40 % Mud 60 % Water

60 Feet of MUD CUT WATER % Gas _____ % Oil 60 % Mud 40 % Water

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

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

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

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

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

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

Remarks Slight bit of plugging but cleaned up on first open

Second open clean

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

Top Recorder No. 4023 Clock No. Electronical Depth 3548 Cir. Sub _____ Sampler _____

Bottom Recorder No. 3088 Clock No. 47441 Depth 3549 Insurance _____

Price of Job _____ Tool Operator FRANK ZAMARRIPO

Approved By NO 14240

from [B] <u>16</u> P.S.I. to [C] <u>37</u> P.S.I.
[D] <u>701</u> P.S.I.
from [E] <u>33</u> P.S.I. to [F] <u>46</u> P.S.I.
[G] <u>698</u> P.S.I.

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

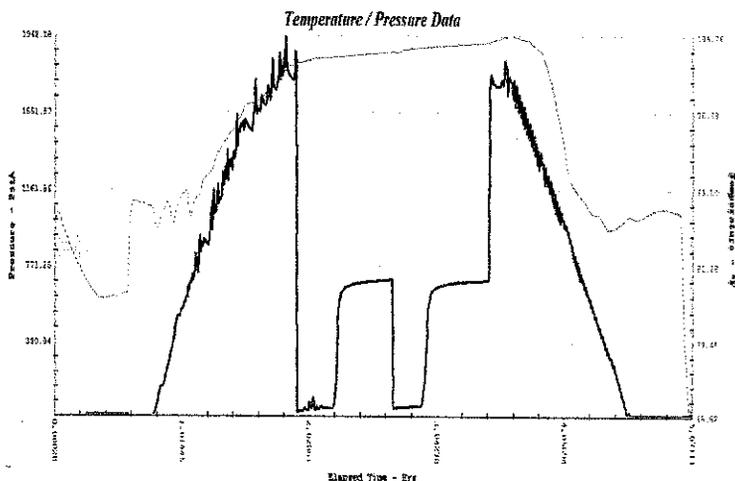
SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F.G.HOLL COMPANY LLC
 RGE.14W
 Lease & Well No. FORD 1-21 Test #: DST#1 Date: 10-1-06 SEC. 21 TWP. 21



1	Initial Hydrostatic Pressure	1862
2	Initial Flow Pressure	16
3	Final Initial Flow Pressure	37
4	Initial Shut-In Pressure	701
5	Initial Final Flow Pressure	33
6	Final Flow Pressure	46
7	Final Shut-In Pressure	698
8	Final Hydrostatic Pressure	1739
Maximum Temperature		104

GENERAL INFORMATION

COMPANY NAME F.G. HOLL DRILLING LLC

TEST DATE 10/1/06

LEASE AND WELL NUMBER FORD 1-21

SECTION-TOWN-RANGE 21-21-14W

FORMATION TESTED LANSING

STATE KANSAS

DRILL STEM TEST NUMBER 1

COUNTY STAFFORD

REPORT NUMBER 14240

ELEVATION GROUND LEVEL 1935

ELEVATION KELLY BUSHINGS 1943

COMPANY REPRESENTATIVE RENE

TESTING ENGINEER FRANK ZAMARRIPA

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3533

TOP PACKER DEPTH 3528

TEST INTERVAL (to) 3552

BOTTOM PACKER DEPTH 3533

ANCHOR LENGTH 19

NUMBER OF PACKERS 2

TOTAL DEPTH (ft) 3552

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 10:55PM

TOOL OPEN (from) 11:40PM

INITIAL OPEN TOOL OPEN (to) 11:10PM

FINAL OPEN TOOL OPEN (to) 11:55PM

DURATION (min.) 15

DURATION (min.) 15

TOOL CLOSED (from) 11:10PM

TOOL CLOSED (from) 11:55PM

INITIAL SHUT-IN TOOL CLOSED (to) 11:40PM

FINAL SHUT-IN TOOL CLOSED (to) 12:25AM

DURATION (min.) 30

DURATION (min.) 30

INITIAL FLOW WEAK SURFACE BLOW 1/4 IN IN WATER FOR 15 MIN

FINAL FLOW WEAK SURFACE BLOW 1/4 IN IN WATER FOR 15 MIN

Feet of Recovery	RESISTIVITY	AT	DEGREES	CHLORIDES				
	RECOVERY DESCRIPTION			% GAS	% OIL	% MUD	% WATER	
1)	60	MUD CUT WATER					40	60
2)	60	MUD CUT WATER					60	40
3)		CHLORIDES 79000						
4)								
5)								

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	E.G. HOLL DRILLING LLC	LEASE AND WELL NUMBER	FORD 1-21
TEST DATE	10/1/06	FORMATION TESTED	LANSING
SECTION-TOWN-RANGE	21-21-14W	DRILL STEM TEST NUMBER	1
STATE	KANSAS	REPORT NUMBER	14240
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1943
ELEVATION GROUND LEVEL	1935	TESTING ENGINEER	FRANK ZAMARRIPA
COMPANY REPRESENTATIVE	RENE		

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	YES	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
	32	SAMPLER	NO
	MILES ROUND TRIP FROM GREAT BEND		
TOP RECORDER DEPTH	3548	BOTTOM RECORDER DEPTH	3549
RECORDER NUMBER	4023	RECORDER NUMBER	3088

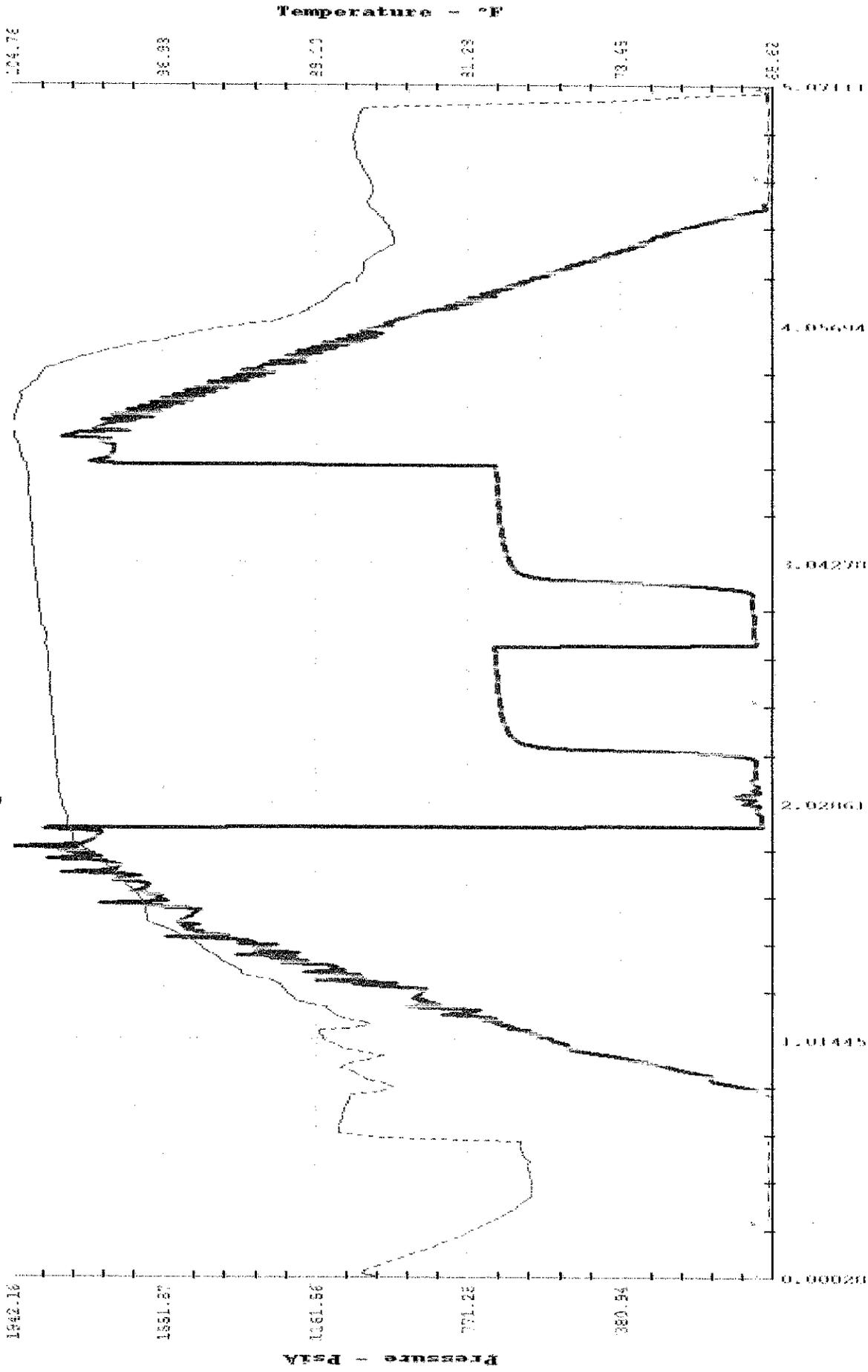
WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG#8	DRILL COLLAR LENGTH	
DRILL PIPE LENGTH	3512	DRILL COLLAR I.D.	2.25
DRILL PIPE I.D.	3.8	TOOL JOINT SIZE	4 1/2 X.H.
TOOL JOINT SIZE	4 1/2 X.H.		
WEIGHT PIPE LENGTH		MUD WEIGHT #/GAL	9.3
WEIGHT PIPE I.D.	2.25	VISCOSITY	50
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	9.6
		CHLORIDES-PITS	5000
		CHLORIDES-DST	79000

COMMENTS

SLIGHT BIT OF PLUGGING BUT CLEANED UP ON FIRST OPEN
SECOND OPEN CLEAN

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 10-7-96 Location 21-21-14 W Elevation 1935 County STAFFORD

Company F.B. HOLL COMPANY LLC Number of Copies 5

Charts Mailed to 9431 E. Central Suite #100 Wichita KS 67205

Drilling Contractor DUKE DRILLING INC #8

Length Drill Pipe 3533 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 _____ I.D. Drill Collars _____ Tool Joint Size _____

Top Packer Depth 3549 Bottom Packer Depth 3554 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 3554 TO 3570 ANCHOR LENGTH 16 TOTAL DEPTH 3570 Hole Size 7 7/8

LEASE & WELL NO. FORD #1-21 FORMATION TESTED I ZONE TEST NO. #2

Mud Weight 9.4 Viscosity 52 Water Loss 8.0 Chlorides - Pits 7000 D.S.T. _____

Maximum Temp. 104 °F Initial Hydrostatic Pressure (A) 1800 P.S.I. Final Hydrostatic Pressure (H) 1906 P.S.I.

Tool Open I.F.P. from 2:40 m to 2:45 m 5 min

Tool Closed I.C.I.P. from 2:45 m to 3:45 m 60 min

Tool Open F.F.P. from 3:45 m to 4:30 m 45 min

Tool Closed F.C.I.P. from 4:30 m to 6:00 m 90 min

from [B] <u>60</u> P.S.I. to [C] <u>75</u> P.S.I.
[D] <u>743</u> P.S.I.
from [E] <u>86</u> P.S.I. to [F] <u>259</u> P.S.I.
[G] <u>729</u> P.S.I.

Initial Blow STRONG BLOW IN WATER IN BOTTOM OF BUCKET IN LESS THAN A MINUTE

Final Blow STRONG BLOW IN BOTTOM OF BUCKET IN LESS THAN A MINUTE Gas to

Total Feet Recovered 3533 was Gas 1080 was Oil Gravity of Oil 39 ^{Surface into} Corrected

<u>1080</u> Feet of <u>Gassy oil</u>	<u>10</u> % Gas	<u>90</u> % Oil	_____% Mud	_____% Water
____ Feet of _____	____% Gas	____% Oil	____% Mud	____% Water
____ Feet of _____	____% Gas	____% Oil	____% Mud	____% Water
____ Feet of _____	____% Gas	____% Oil	____% Mud	____% Water
____ Feet of _____	____% Gas	____% Oil	____% Mud	____% Water
____ Feet of _____	____% Gas	____% Oil	____% Mud	____% Water
____ Feet of _____	____% Gas	____% Oil	____% Mud	____% Water
____ Feet of _____	____% Gas	____% Oil	____% Mud	____% Water
____ Feet of _____	____% Gas	____% Oil	____% Mud	____% Water
____ Feet of _____	____% Gas	____% Oil	____% Mud	____% Water

Remarks _____

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

Top Recorder No. 4023 Clock No. Electrical Depth 3566 Cir. Sub _____ Sampler _____

Bottom Recorder No. 3088 Clock No. 47441 Depth 3567 Insurance _____

Price of Job _____

Tool Operator FRANK ZAMARRIPA

Approved By NO 14241

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

SUPERIOR TESTERS ENTERPRISES L.L.C.

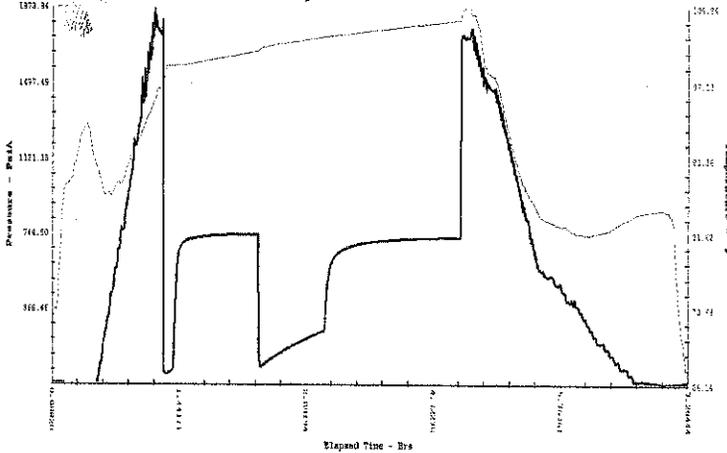
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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F.G.HOLL COMPANY LLC Lease & Well No. FORD 1-21 Test #: 2 Date: 10-1-06 SEC. 21 TWP. 21 RGE.14W

Temperature / Pressure Data



- | | | |
|---|------------------------------|------|
| 1 | Initial Hydrostatic Pressure | 1806 |
| 2 | Initial Flow Pressure | 60 |
| 3 | Final Initial Flow Pressure | 75 |
| 4 | Initial Shut-In Pressure | 743 |
| 5 | Initial Final Flow Pressure | 86 |
| 6 | Final Flow Pressure | 259 |
| 7 | Final Shut-In Pressure | 729 |
| 8 | Final Hydrostatic Pressure | 1706 |

Maximum Temperature 104

GENERAL INFORMATION

COMPANY NAME E.G. HOLL COMPANY LLC

TEST DATE 10/2/06

LEASE AND WELL NUMBER FORD 1-21

SECTION-TOWN-RANGE 21-21-14W

FORMATION TESTED I ZONE

STATE KANSAS

DRILL STEM TEST NUMBER 2

COUNTY STAFFORD

REPORT NUMBER 14241

ELEVATION GROUND LEVEL 1935

ELEVATION KELLY BUSHINGS 1943

COMPANY REPRESENTATIVE RENE

TESTING ENGINEER FRANK ZAMARRIPA

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3554

TOP PACKER DEPTH 3549

TEST INTERVAL (to) 3570

BOTTOM PACKER DEPTH 3554

ANCHOR LENGTH 16

NUMBER OF PACKERS 2

TOTAL DEPTH (ft) 3570

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 2:40PM

TOOL OPEN (from) 3:45PM

INITIAL OPEN TOOL OPEN (to) 2:45PM

FINAL OPEN TOOL OPEN (to) 4:30

DURATION (min.) 5

DURATION (min.) 45

TOOL CLOSED (from) 2:45PM

TOOL CLOSED (from) 4:30PM

INITIAL SHUT-IN TOOL CLOSED (to) 3:45

FINAL SHUT-IN TOOL CLOSED (to) 6:00

DURATION (min.) 60

DURATION (min.) 90

INITIAL FLOW

STRONG BLOW IN BOTTOM OF BUCKET IN LESS THAN A MINUTE

FINAL FLOW

STRONG BLOW IN BOTTOM OF BUCKET IN LESS THAN A MINUTE GAS TO SURFACE IN 10 MINUTES

Feet of Recovery	RESISTIVITY	AT	DEGREES	CHLORIDES			
	RECOVERY DESCRIPTION			% GAS	% OIL	% MUD	% WATER
1) 1080	GASSY OIL			10	90		
2)							
3)							
4)							
5)							

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	F.G. HOLL COMPANY LLC	LEASE AND WELL NUMBER	FORD 1-21
TEST DATE	10/2/06	FORMATION TESTED	I ZONE
SECTION-TOWN-RANGE	21-21-14W	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	14241
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1943
ELEVATION GROUND LEVEL	1935	TESTING ENGINEER	FRANK ZAMARRIPA
COMPANY REPRESENTATIVE	RENE		

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	YES	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	32 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	3566	BOTTOM RECORDER DEPTH	3567
RECORDER NUMBER	4023	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG #8	DRILL COLLAR LENGTH	
DRILL PIPE LENGTH	3533	DRILL COLLAR I.D.	2.25
DRILL PIPE I.D.	3.8	TOOL JOINT SIZE	4 1/2 X.H.
TOOL JOINT SIZE	4 1/2 X.H.		
WEIGHT PIPE LENGTH		MUD WEIGHT #/GAL	9.4
WEIGHT PIPE I.D.	2.25	VISCOSITY	52
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	8
		CHLORIDES-PITS	7000
		CHLORIDES-DST	

COMMENTS

GAS TO SURFACE WAS GAGED

SUPERIOR TESTERS ENTERPRISES L.L.C.

GREAT BEND, KANSAS

GAS FLOW RATE

(800) 792-6902

#

STATE KANSAS	Test Date	1/0/1900
COUNTY STAFFORD	Sec Town Range	21-21-14W
FIELD	Report Number	14241

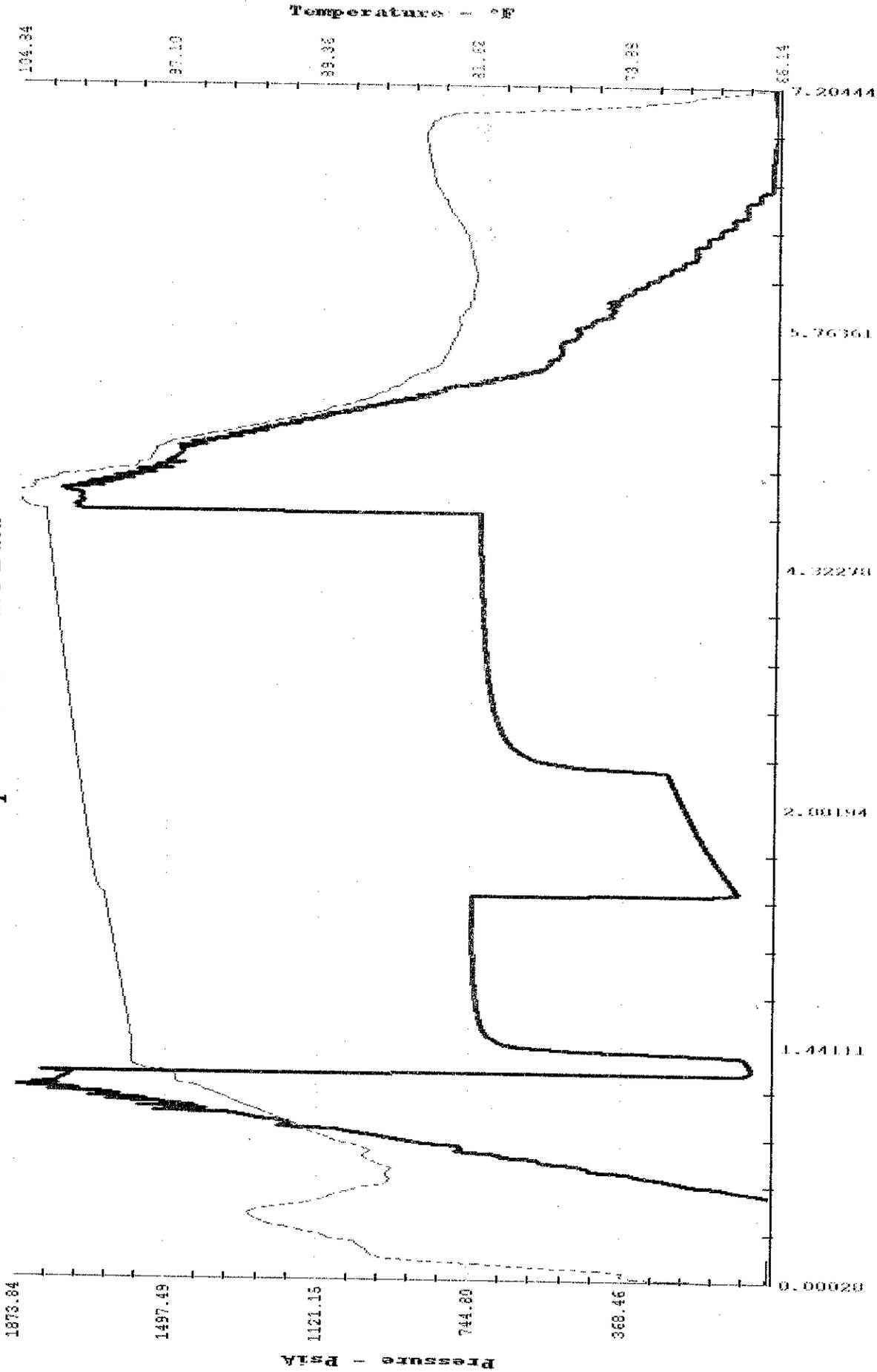
Initial Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Office Tester	PSI on Office Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPEN AT 2:40P							
TOOL CLOSE AT 2:45							
NO GAS TO SUFACE							

Final Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Office Tester	PSI on Office Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPEN AT	3:45		15			1/4	6.550
3:45P	3:55	10	35			1/4	10.100
GAS TO	4:05	10	15			1/8	2.050
SURFACE	4:15	10	17			1/8	2.180
3:55	4:25	10	17			1/8	2.180
	4:30	5	17			1/8	2.180
GAS TO SURAFCE IN 10 MINUTES							

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

Date 10-3-06 Location 21-21-14W Elevation 1935 County STAFFORD
 Company F.G. HOLL COMPANY LLC Number of Copies 5
 Charts Mailed to 9431 E. Central Suite #100 Wichita Ks 67205
 Drilling Contractor Duke Drilling Rig #8
 Length Drill Pipe 3549 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 _____ I.D. Drill Collars _____ Tool Joint Size _____
 Top Packer Depth 3565 Bottom Packer Depth 3548 Number of Packers 2 Packer Size 6 3/4
 TESTED FROM 3548 TO 3572 ANCHOR LENGTH 22 TOTAL DEPTH 3592 Hole Size 7 7/8
 LEASE & WELL NO. Ford FORMATION TESTED J ZONE TEST NO. #3
 Mud Weight 9.4 Viscosity 52 Water Loss 8.0 Chlorides - Pits 7000 D.S.T. _____
 Maximum Temp. 109 °F Initial Hydrostatic Pressure (A) 1813 P.S.I. Final Hydrostatic Pressure (H) 1763 P.S.I.

Tool Open I.F.P. from 8:05 m to 8:25 m 20 min
 Tool Closed I.C.I.P. from 8:25 m to 9:25 m 60 min
 Tool Open F.F.P. from 9:25 m to 10:10 m 45 min
 Tool Closed F.C.I.P. from 10:10 m to 11:40 m 90 min

from [B] 23 P.S.I. to [C] 34 P.S.I.
 [D] 444 P.S.I.
 from [E] 58 P.S.I. to [F] 42 P.S.I.
 [G] 347 P.S.I.

Initial Blow WEAK BLOW IN WATER 10in in 10min
 Final Blow WEAK BLOW IN WATER 10in in 10min
 Total Feet Recovered 110 feet of fluid Gravity of Oil _____ Corrected _____
110 Feet of Slightly oil cut mud water % Gas 16 % Oil 25 % 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
 _____ 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 NO Safety Joint YES Extra Packer NO Straddle NO Hook Wall NO
 Top Recorder No. 4023 Clock No. Electronical Depth 3588 Cir. Sub _____ Sampler _____
 Bottom Recorder No. 3088 Clock No. 47441 Depth 3589 Insurance _____

Price of Job _____
 Tool Operator FRANK ZAMARRIPA
 Approved By _____
NO 14242

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SUPERIOR TESTERS ENTERPRISES L.L.C.

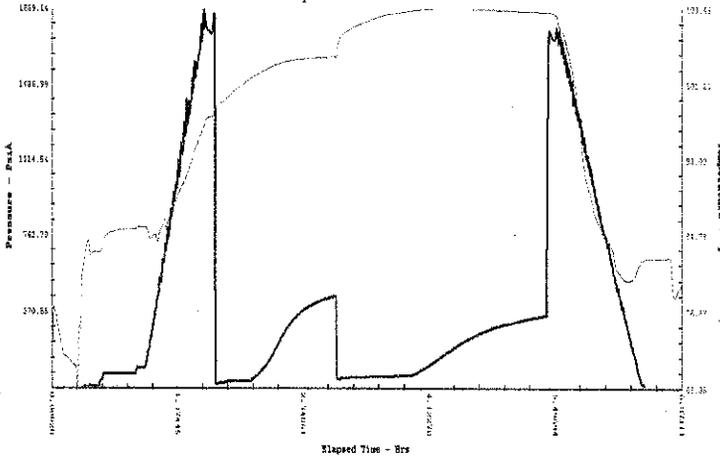
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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F.G.HOLL COMPANY LLC Lease & Well No. FORD 1-21 Test #: 3 Date: 10-3-06 SEC. 21 TWP. 21 RGE. 14W

Temperature / Pressure Data



- | | | |
|----------|------------------------------|------|
| 1 | Initial Hydrostatic Pressure | 1813 |
| 2 | Initial Flow Pressure | 23 |
| 3 | Final Initial Flow Pressure | 34 |
| 4 | Initial Shut-In Pressure | 444 |
| 5 | Initial Final Flow Pressure | 58 |
| 6 | Final Flow Pressure | 62 |
| 7 | Final Shut-In Pressure | 347 |
| 8 | Final Hydrostatic Pressure | 1703 |

Maximum Temperature 109

GENERAL INFORMATION

COMPANY NAME F.G.HOLL COMPANY LLC	
TEST DATE 10/3/06	LEASE AND WELL NUMBER FORD 1-21
SECTION-TOWN-RANGE 21-21-14W	FORMATION TESTED J ZONE
STATE KANSAS	DRILL STEM TEST NUMBER #3
COUNTY STAFFORD	REPORT NUMBER 14242
ELEVATION GROUND LEVEL 1935	ELEVATION KELLY BUSHINGS 3544
COMPANY REPRESENTATIVE RENE HUSTEAD	TESTING ENGINEER GENE BUDIG

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3570	TOP PACKER DEPTH 3565
TEST INTERVAL (to) 3592	BOTTOM PACKER DEPTH 3570
ANCHOR LENGTH 22	NUMBER OF PACKERS 2
TOTAL DEPTH (ft) 3592	PACKER SIZE 6 3/4
	HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 8:05AM	TOOL OPEN (from) 9:25
<i>INITIAL OPEN</i> TOOL OPEN (to) 8:25	<i>FINAL OPEN</i> TOOL OPEN (to) 10:10
DURATION (min.) 20	DURATION (min.) 45
TOOL CLOSED (from) 8:25	TOOL CLOSED (from) 10:10
<i>INITIAL SHUT-IN</i> TOOL CLOSED (to) 9:25	<i>FINAL SHUT-IN</i> TOOL CLOSED (to) 11:40
DURATION (min.) 60	DURATION (min.) 90

INITIAL FLOW WEAK BLOW IN WATER 6IN IN 10 MINUTES

FINAL FLOW WEAK BLOW IN WATER 10IN IN 10 MINUTES

Feet of Recovery	RESISTIVITY	AT	DEGREES	CHLORIDES			
	RECOVERY DESCRIPTION			% GAS	% OIL	% MUD	% WATER
1) 110	SLIGHT OIL CUT MUDDY WATER				15	25	60
2)	CHLORIDES 60000						
3)							
4)							
5)							

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	F.G.HOLL COMPANY LLC	LEASE AND WELL NUMBER	FORD 1-21
TEST DATE	10/3/06	FORMATION TESTED	J ZONE
SECTION-TOWN-RANGE	21-21-14W	DRILL STEM TEST NUMBER	#3
STATE	KANSAS	REPORT NUMBER	14242
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	3544
ELEVATION GROUND LEVEL	1935	TESTING ENGINEER	FRANK ZAMARRIPA
COMPANY REPRESENTATIVE	RENE HUSTEAD		

EXTRA EQUIPMENT

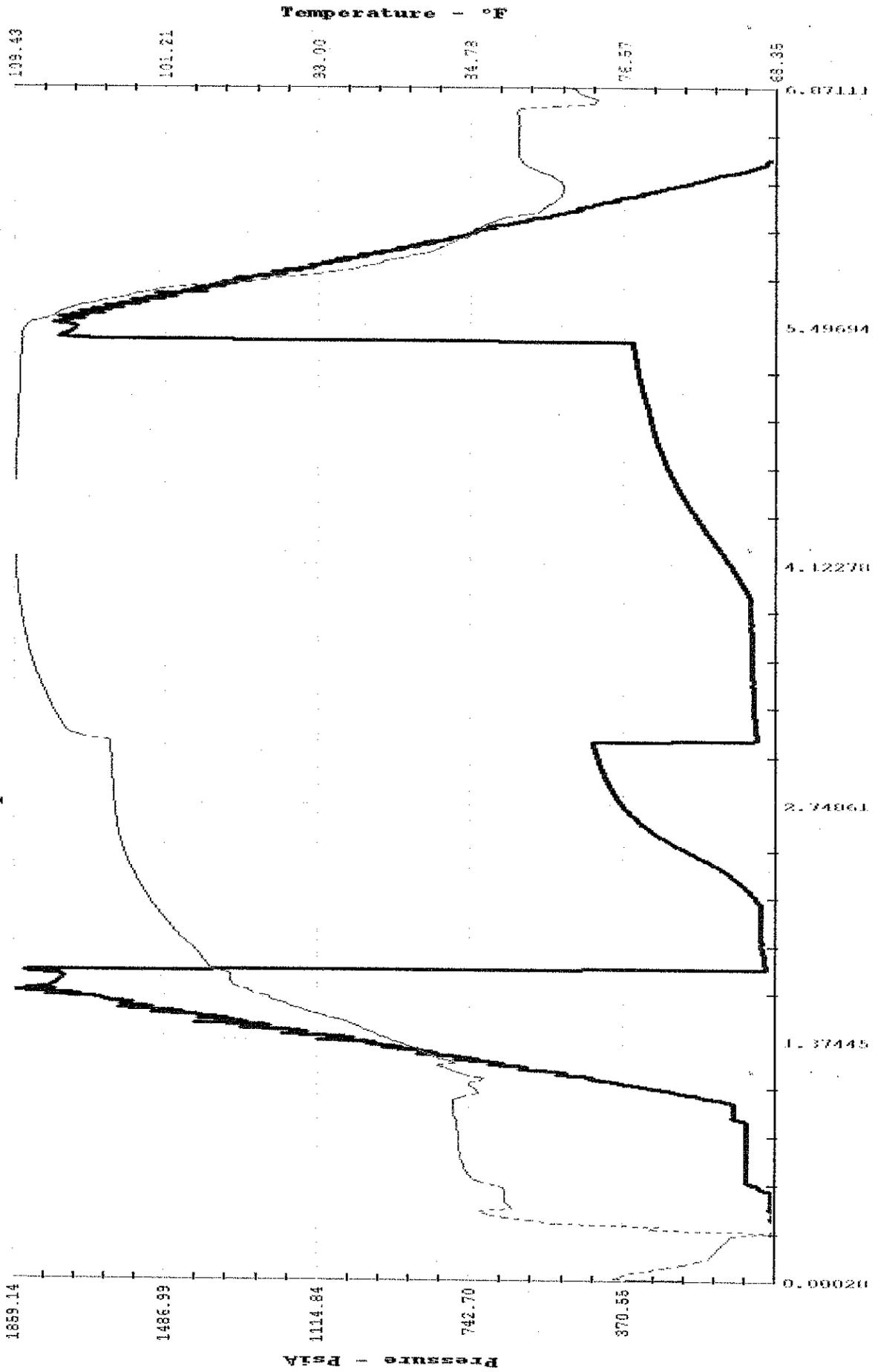
JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	YES	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	32 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	3588	BOTTOM RECORDER DEPTH	3589
RECORDER NUMBER	4023	RECORDER NUMBER	47441

WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG #8	DRILL COLLAR LENGTH	
DRILL PIPE LENGTH	3549	DRILL COLLAR I.D.	2.25
DRILL PIPE I.D.	3.8	TOOL JOINT SIZE	4 1/2 X.H.
TOOL JOINT SIZE	4 1/2 X.H.		
WEIGHT PIPE LENGTH		MUD WEIGHT #/GAL	9.4
WEIGHT PIPE I.D.	2.25	VISCOSITY	52
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	8
		CHLORIDES-PITS	7000
		CHLORIDES-DST	60000

COMMENTS

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 10-4-06 Location 21-21-14W Elevation 1935 County STAFFORD
 Company F.G. Holl Company LLC Number of Copies 5

Charts Mailed to 9431 E. Central Suite #100 Wichita Ks 67205

Drilling Contractor DUKE DRILLING RIG #8
 Length Drill Pipe 3597 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 _____ I.D. Drill Collars _____ Tool Joint Size _____

Top Packer Depth 3613 Bottom Packer Depth 3618 Number of Packers 2 Packer Size 6 3/4
 TESTED FROM 3618 TO 3637 ANCHOR LENGTH 19 TOTAL DEPTH 3637 Hole Size 7 7/8

LEASE & WELL NO. FORD 1-21 FORMATION TESTED PL ZONE TEST NO. 4

Mud Weight 9.4 Viscosity 50 Water Loss 8.4 Chlorides - Pits 8700 D.S.T. _____

Maximum Temp. 106 °F Initial Hydrostatic Pressure (A) 1839 P.S.I. Final Hydrostatic Pressure (H) 1706 P.S.I.

Tool Open I.F.P. from 1:05 A.M. to 1:20 A.M. 15 min

Tool Closed I.C.I.P. from 1:20 A.M. to 2:20 A.M. 60 min

Tool Open F.F.P. from 2:20 A.M. to 3:05 A.M. 45 min

Tool Closed F.C.I.P. from 3:05 A.M. to 4:35 A.M. 90 min

Initial Blow WEAK SURFACE BLOW in water in 10 minutes
 Final Blow WEAK ~~SURFACE~~ BLOW in water in bottom of Bucket on 5 minutes

Total Feet Recovered 840 of gas and fluid Gravity of Oil 39 Corrected

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

330 Feet of oil _____ % Gas 95 % Oil 5 % 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

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_____ 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 NO Safety Joint YES Extra Packer NO Straddle NO Hook Wall NO

Top Recorder No. 4023 Clock No. Electronical Depth 3633 Cir. Sub _____ Sampler _____

Bottom Recorder No. 3088 Clock No. 47441 Depth 3634 Insurance _____

Price of Job _____

Tool Operator FRANK ZAMARRIPA

Approved By NO 14243

from [B] <u>19</u> P.S.I. to [C] <u>39</u> P.S.I.
[D] <u>1231</u> P.S.I.
from [E] <u>56</u> P.S.I. to [F] <u>104</u> P.S.I.
[G] <u>1211</u> P.S.I.

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1(800)792-6902

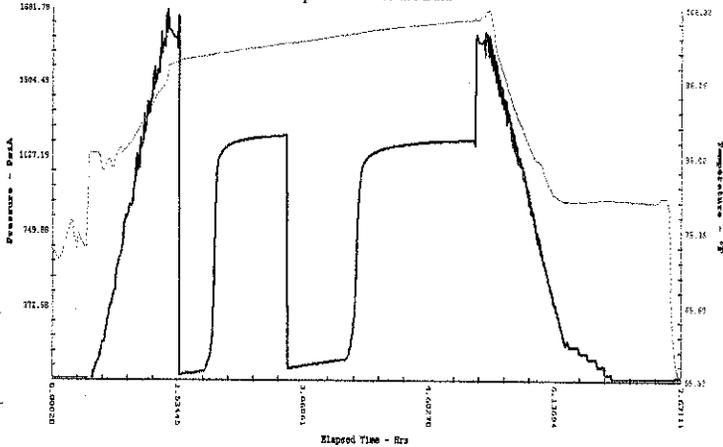
DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F.G.HOLL COMPANY LLC

RGE. 14W
Lease & Well No. FORD 1-21 Test #: 4 Date: 10-04-06 SEC. 21 TWP. 21

Temperature / Pressure Data



1	Initial Hydrostatic Pressure	1839
2	Initial Flow Pressure	19
3	Final Initial Flow Pressure	39
4	Initial Shut-In Pressure	1231
5	Initial Final Flow Pressure	56
6	Final Flow Pressure	104
7	Final Shut-In Pressure	1211
8	Final Hydrostatic Pressure	1706

Maximum Temperature 106

GENERAL INFORMATION

COMPANY NAME F.G.HOLL COMPANY LLC

TEST DATE 10/4/06

SECTION-TOWN-RANGE 21-21-14W

STATE KANSAS

COUNTY STAFFORD

ELEVATION GROUND LEVEL 1935

COMPANY REPRESENTATIVE RENE HUSTEAD

LEASE AND WELL NUMBER FORD 1-21

FORMATION TESTED L ZONE

DRILL STEM TEST NUMBER 4

REPORT NUMBER 14243

ELEVATION KELLY BUSHINGS 1943

TESTING ENGINEER FRANK ZAMARRIPA

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3618

TEST INTERVAL (to) 3637

ANCHOR LENGTH 19

TOTAL DEPTH (ft) 3637

TOP PACKER DEPTH 3613

BOTTOM PACKER DEPTH 3618

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 1:05AM

INITIAL OPEN TOOL OPEN (to) 1:20

DURATION (min.) 15

TOOL CLOSED (from) 1:20AM

INITIAL SHUT-IN TOOL CLOSED (to) 2:20

DURATION (min.) 60

TOOL OPEN (from) 2:20AM

FINAL OPEN TOOL OPEN (to) 3:05

DURATION (min.) 45

TOOL CLOSED (from) 3:05AM

FINAL SHUT-IN TOOL CLOSED (to) 4:35

DURATION (min.) 90

INITIAL FLOW WEAK SURFAE BLOW IN WATER 6IN IN 10 MINUTES

FINAL FLOW WEAK BLOW BUILT TO BOTTOM OF BUCKET DIED OFF IN 5 MINUTES

Feet of Recovery	RESISTIVITY		AT DEGREES		CHLORIDES			
	RECOVERY DESCRIPTION				% GAS	% OIL	% MUD	% WATER
1) 510	GAS				100			
2) 330	OIL					95	5	
3)								
4)								
5)								

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	F.G.HOLL COMPANY LLC	LEASE AND WELL NUMBER	FORD 1-21
TEST DATE	10/4/06	FORMATION TESTED	L ZONE
SECTION-TOWN-RANGE	21-21-14W	DRILL STEM TEST NUMBER	4
STATE	KANSAS	REPORT NUMBER	14243
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1943
ELEVATION GROUND LEVEL	1935	TESTING ENGINEER	FRANK ZAMARRIPA
COMPANY REPRESENTATIVE	RENE HUSTEAD		

EXTRA EQUIPMENT

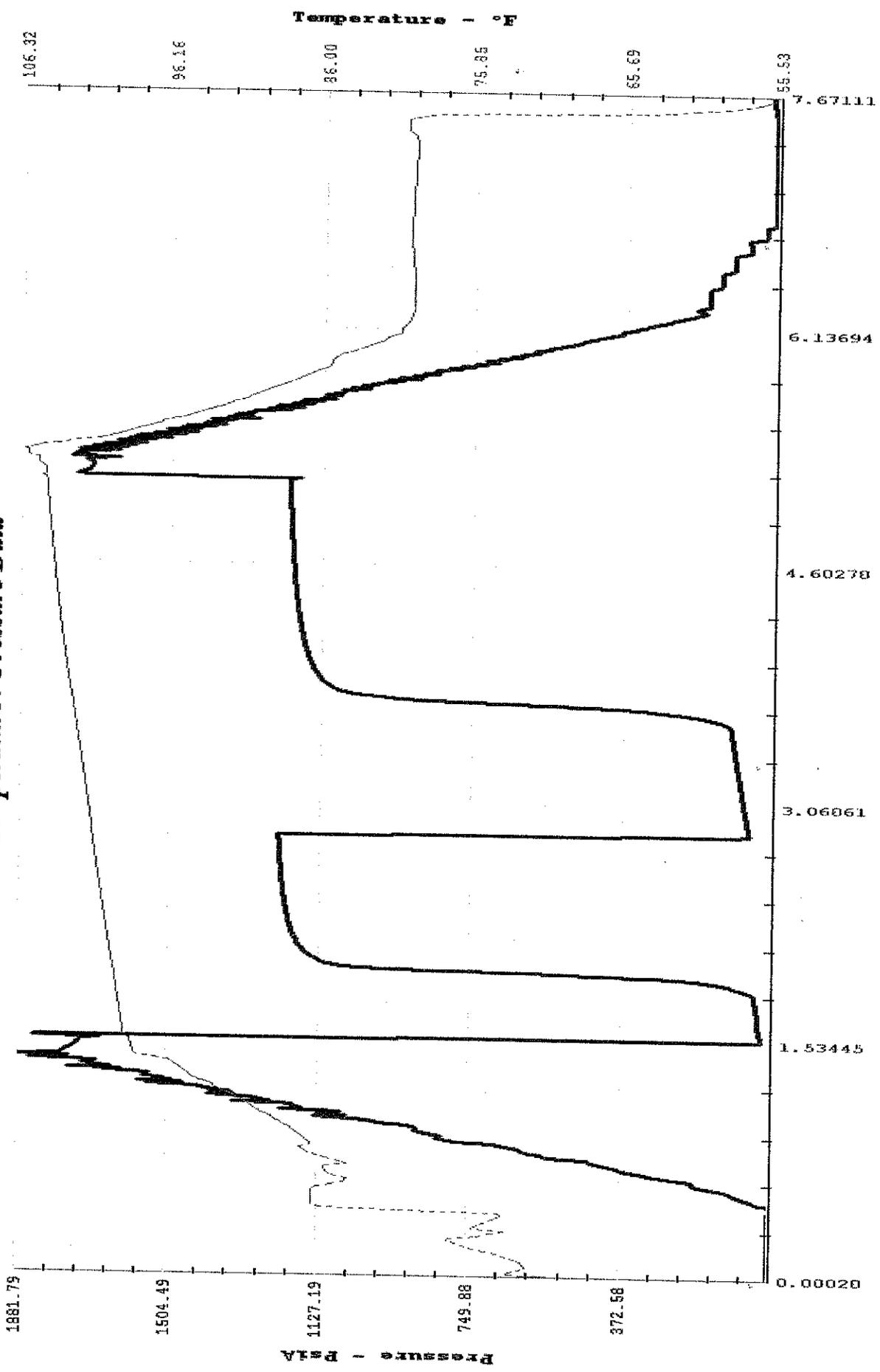
JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	YES	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	32 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	3633	BOTTOM RECORDER DEPTH	3634
RECORDER NUMBER	4023	RECORDER NUMBER	47441

WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG#8	DRILL COLLAR LENGTH	
DRILL PIPE LENGTH	3597	DRILL COLLAR I.D.	2.25
DRILL PIPE I.D.	3.8	TOOL JOINT SIZE	4 1/2 X.H.
TOOL JOINT SIZE	4 1/2 X.H.		
WEIGHT PIPE LENGTH		MUD WEIGHT #/GAL	9.4
WEIGHT PIPE I.D.	2.25	VISCOSITY	50
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	8.4
		CHLORIDES-PITS	8700
		CHLORIDES-DST	

COMMENTS

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

Date 10-4-04 Location 21-21-14W Elevation 1935 County STAFFORD

Company F.G. HOLL COMPANY LLC Number of Copies 5

Charts Mailed to 9431 E Central Suite #100 Wichita KS 67205

Drilling Contractor Duke Drilling Rig #8

Length Drill Pipe 3616 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 _____ I.D. Drill Collars _____ Tool Joint Size _____

Top Packer Depth 3632 Bottom Packer Depth 3637 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 3637 TO 3690 ANCHOR LENGTH 53 TOTAL DEPTH 3690 Hole Size 7 7/8

LEASE & WELL NO. Ford 1-21 FORMATION TESTED Viola TEST NO. 5

Mud Weight 9.1 Viscosity 64 Water Loss 8.0 Chlorides - Pits 8500 D.S.T. _____

Maximum Temp. 104 °F Initial Hydrostatic Pressure (A) 1865 P.S.I. Final Hydrostatic Pressure (H) 1724 P.S.I.

Tool Open I.F.P. from 8:00 pm to 8:15 pm 15 min

Tool Closed I.C.I.P. from 8:15 pm to 8:45 pm 30 min

Tool Open F.F.P. from 8:45 pm to 9:30 pm 45 min

Tool Closed F.C.I.P. from 9:30 pm to 11:00 pm 90 min

from [B] <u>37</u> P.S.I. to [C] <u>34</u> P.S.I.
[D] <u>71</u> P.S.I.
from [E] <u>107</u> P.S.I. to [F] <u>182</u> P.S.I.
[G] <u>183</u> P.S.I.

Initial Blow WEAK SURFACE BLOW INTO WATER 7 in in 5 minutes

Final Blow DIED OFF

Total Feet Recovered 3 ft of DRILLING MUD Gravity of Oil _____ Corrected

3 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 NO Safety Joint YES Extra Packer NO Straddle NO Hook Wall NO

Top Recorder No. 4023 Clock No. Electronical Depth 3686 Cir. Sub _____ Sampler _____

Bottom Recorder No. 3088 Clock No. 47441 Depth 3687 Insurance _____

Price of Job _____

Tool Operator Frank Gomanigo

Approved By _____
No 14244

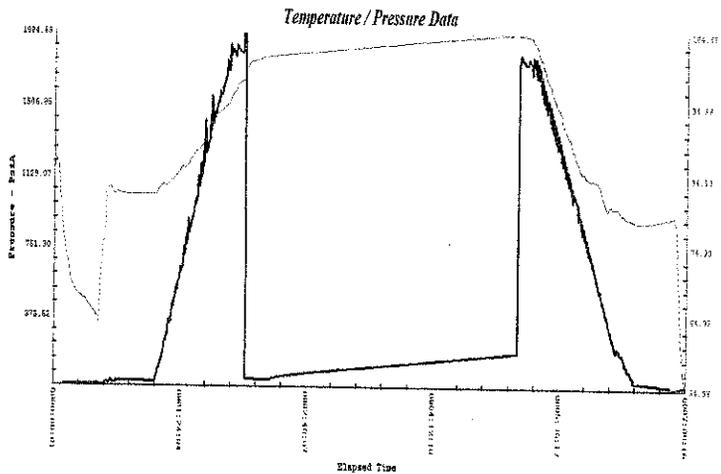
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SUPERIOR TESTERS ENTERPRISES L.L.C.

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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



- 1 Initial Hydrostatic Pressure 1865
- 2 Initial Flow Pressure 37
- 3 Final Initial Flow Pressure 34
- 4 Initial Shut-In Pressure 71
- 5 Initial Final Flow Pressure 107
- 6 Final Flow Pressure 182
- 7 Final Shut-In Pressure 183
- 8 Final Hydrostatic Pressure 1724

Maximum Temperature 104

GENERAL INFORMATION

COMPANY NAME F.G.HOLL COMPANY LLC

TEST DATE 10/4/06

SECTION-TOWN-RANGE 21-21-14W

STATE KANSAS

COUNTY STAFFORD

ELEVATION GROUND LEVEL 1935

COMPANY REPRESENTATIVE RENE HUSTEAD

LEASE AND WELL NUMBER FORD 1-21

FORMATION TESTED VIOLA

DRILL STEM TEST NUMBER 5

REPORT NUMBER 14244

ELEVATION KELLY BUSHINGS 1943

TESTING ENGINEER FRANK ZAMARRIPA

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3637

TEST INTERVAL (to) 3690

ANCHOR LENGTH 53

TOTAL DEPTH (ft) 3690

TOP PACKER DEPTH 3632

BOTTOM PACKER DEPTH 3637

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 8:00PM

INITIAL OPEN TOOL OPEN (to) 8:15

DURATION (min.) 15

TOOL OPEN (from) 8:45PM

FINAL OPEN TOOL OPEN (to) 9:30

DURATION (min.) 45

TOOL CLOSED (from) 8:15PM

INITIAL SHUT-IN TOOL CLOSED (to) 8:45

DURATION (min.) 30

TOOL CLOSED (from) 9:30PM

FINAL SHUT-IN TOOL CLOSED (to) 11:00

DURATION (min.) 90

INITIAL FLOW WEAK SURFACE BLOW INTO WATER 1IN IN 5 MINUTES

FINAL FLOW DIED OFF

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

Company: F.G.HOLL COMPANY LLC
 Lease & Well No. FORD 1-21 Test #: 5 Date: 10-4-06 SEC. 21 TWP. 21 RGE. 14W

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	FORD 1-21
TEST DATE	10/4/06	FORMATION TESTED	VIOLA
SECTION-TOWN-RANGE	21-21-14W	DRILL STEM TEST NUMBER	5
STATE	KANSAS	REPORT NUMBER	14244
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1943
ELEVATION GROUND LEVEL	1935	TESTING ENGINEER	FRANK ZAMARRIPA
COMPANY REPRESENTATIVE	RENE HUSTEAD		

EXTRA EQUIPMENT

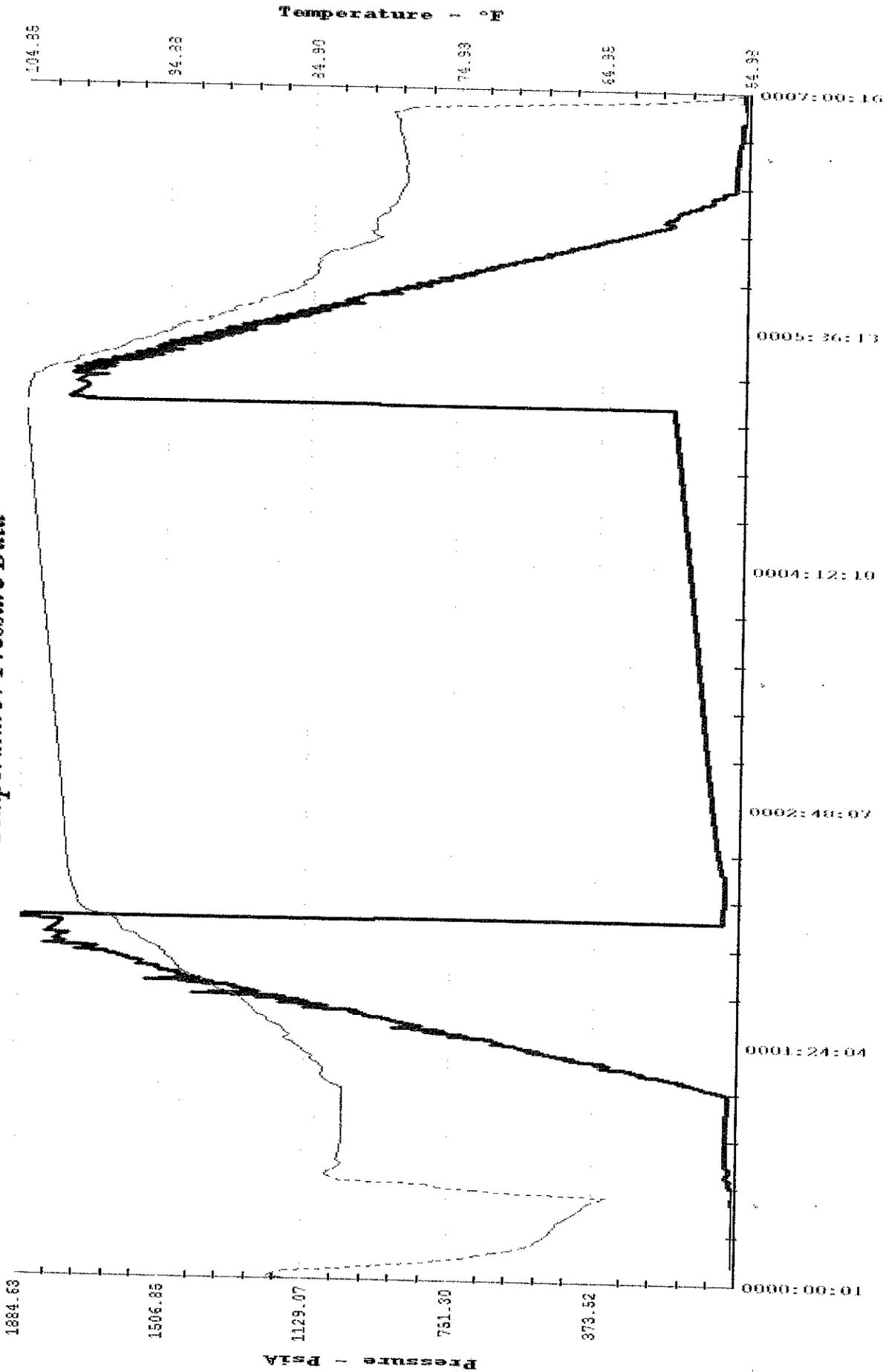
JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	YES	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
	32 MILES ROUND TRIP FROM	SAMPLER	NO
	GREAT BEND		
TOP RECORDER DEPTH	3686	BOTTOM RECORDER DEPTH	3687
RECORDER NUMBER	4023	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG #8	DRILL COLLAR LENGTH	
DRILL PIPE LENGTH	3616	DRILL COLLAR I.D.	2.25
DRILL PIPE I.D.	3.8	TOOL JOINT SIZE	4 1/2 X.H.
TOOL JOINT SIZE	4 1/2 X.H.		
WEIGHT PIPE LENGTH		MUD WEIGHT #/GAL	9.1
WEIGHT PIPE I.D.	2.25	VISCOSITY	64
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	8
		CHLORIDES-PITS	8500
		CHLORIDES-DST	

COMMENTS

Temperature / Pressure Data



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

Date 10-5-06 Location ZI-ZI-146 Elevation 1935 County STAFFORD
 Company F.G. HOLL COMPANY LLC Number of Copies 5
 Charts Mailed to 9431 E. Central Suite #100 Wichita Ks 67205
 Drilling Contractor Duke Drilling Rig #8
 Length Drill Pipe 3703 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 _____ I.D. Drill Collars _____ Tool Joint Size _____

Top Packer Depth 3719 Bottom Packer Depth 3724 Number of Packers 2 Packer Size 6 3/4
 TESTED FROM 3724 TO 3756 ANCHOR LENGTH 32 TOTAL DEPTH 3756 Hole Size 7 7/8
 LEASE & WELL NO. FORD 1-21 FORMATION TESTED SIMPSON SANDS TEST NO. 6
 Mud Weight 8.8 Viscosity 65 Water Loss 8.8 Chlorides - Pits 9200 D.S.T. 2600
 Maximum Temp. 110°F Initial Hydrostatic Pressure (A) 1928 P.S.I. Final Hydrostatic Pressure (H) 1758 P.S.I.

Tool Open I.F.P. from 2:13 p.m. to 2:28 p.m. 15 min
 Tool Closed I.C.I.P. from 2:28 p.m. to 3:28 p.m. 60 min
 Tool Open F.F.P. from 3:28 p.m. to 3:58 p.m. 30 min
 Tool Closed F.C.I.P. from 3:58 p.m. to 4:58 p.m. 60 min

from [B] <u>31</u> P.S.I. to [C] <u>81</u> P.S.I.
[D] <u>193</u> P.S.I.
from [E] <u>81</u> P.S.I. to [F] <u>121</u> P.S.I.
[G] <u>188</u> P.S.I.

Initial Blow WEAK SURFACE BLOW INTO BOTTOM OF BUCKET IN 15 MINUTES
 Final Blow WEAK SURFACE BLOW INTO BUCKET 1in from bottom of bucket IN 10 MINUTES
 Total Feet Recovered 1160 Feet Fluid and mud Gravity of Oil _____ Corrected

<u>40</u> Feet of <u>Slightly oil muddy cut water</u>	% Gas <u>20</u>	% Oil <u>60</u>	% Mud <u>20</u>	% Water
<u>60</u> Feet of <u>Spot of oil and muddy cut water</u>	% Gas <u>5</u>	% Oil <u>30</u>	% Mud <u>65</u>	% Water
<u>60</u> Feet of <u>Spot of oil and muddy cut water</u>	% Gas <u>2</u>	% Oil <u>92</u>	% Mud <u>6</u>	% 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 NO Safety Joint YES Extra Packer NO Straddle NO Hook Wall NO
 Top Recorder No. 4023 Clock No. Electronical Depth 3752 Cir. Sub _____ Sampler _____
 Bottom Recorder No. 3066 Clock No. 47441 Depth 3753 Insurance _____

Price of Job 1
 Tool Operator Frank Semaripa
 Approved By _____
 NO 14245

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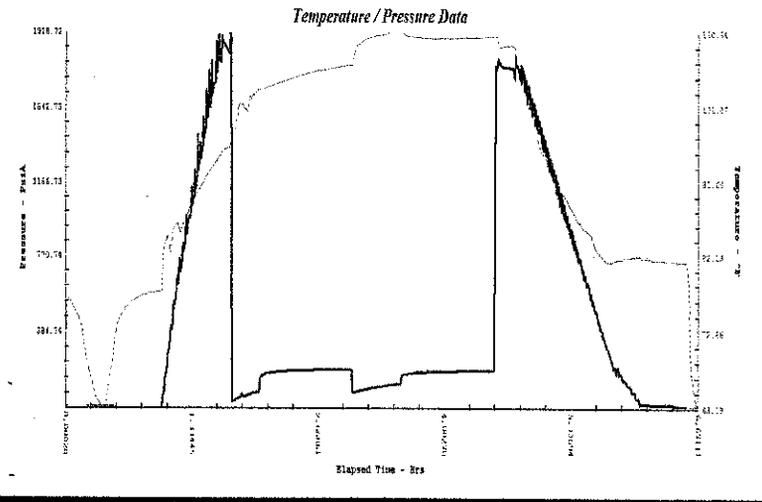
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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F.G.HOLL COMPANY LLC
 14W
 Lease & Well No. FORD 1-21 Test #: 6 Date: 10-5-06 SEC. 21 TWP. 21 RGE.



- 1 Initial Hydrostatic Pressure 1928
- 2 Initial Flow Pressure 31
- 3 Final Initial Flow Pressure 81
- 4 Initial Shut-In Pressure 193
- 5 Initial Final Flow Pressure 81
- 6 Final Flow Pressure 121
- 7 Final Shut-In Pressure 188
- 8 Final Hydrostatic Pressure 1758

Maximum Temperature 110

GENERAL INFORMATION

COMPANY NAME F.G.HOLL COMPANY LLC

TEST DATE 10/5/06

LEASE AND WELL NUMBER FORD 1-21

SECTION-TOWN-RANGE 21-21-14W

FORMATION TESTED SIMPSON SANDS

STATE KANSAS

DRILL STEM TEST NUMBER 6

COUNTY STAFFORD

REPORT NUMBER 14245

ELEVATION GROUND LEVEL 1935

ELEVATION KELLY BUSHINGS 1943

COMPANY REPRESENTATIVE RENE HUSTEAD

TESTING ENGINEER FRANK ZAMARRIPA

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3724

TOP PACKER DEPTH 3719

TEST INTERVAL (to) 3756

BOTTOM PACKER DEPTH 3724

ANCHOR LENGTH 32

NUMBER OF PACKERS 2

TOTAL DEPTH (ft) 3756

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 2:13PM

TOOL OPEN (from) 3:28PM

INITIAL OPEN TOOL OPEN (to) 2:28

FINAL OPEN TOOL OPEN (to) 3:58

DURATION (min.) 15

DURATION (min.) 30

TOOL CLOSED (from) 2:28PM

TOOL CLOSED (from) 3:58PM

INITIAL SHUT-IN TOOL CLOSED (to) 3:28

FINAL SHUT-IN TOOL CLOSED (to) 4:58

DURATION (min.) 60

DURATION (min.) 60

INITIAL FLOW

WEAK SURFACE BLOW INTO BOTTOM OF BUCKET IN 15 MINUTES

FINAL FLOW

WEAK SURFACE BLOW INTO BUCKET 1IN FROM BOTTOM OF BUCKET IN 10 MINUTES

Feet of Recovery	RESISTIVITY AT DEGREES CHLORIDES						
	RECOVERY DESCRIPTION			% GAS	% OIL	% MUD	% WATER
1) 40	SLIGHTLY OIL MUDDY CUT WATER				20	60	20
2) 60	SPOT OF OIL AND MUDDY CUT WATER				2	30	68
3) 60	SPOT OF OIL AND MUDDY CUT WATER				2	92	6
4)							
5)							

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	F.G.HOLL COMPANY LLC	LEASE AND WELL NUMBER	FORD 1-21
TEST DATE	10/5/06	FORMATION TESTED	SIMPSON SANDS
SECTION-TOWN-RANGE	21-21-14W	DRILL STEM TEST NUMBER	6
STATE	KANSAS	REPORT NUMBER	14245
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1943
ELEVATION GROUND LEVEL	1935	TESTING ENGINEER	FRANK ZAMARRIPA
COMPANY REPRESENTATIVE	RENE HUSTEAD		

EXTRA EQUIPMENT

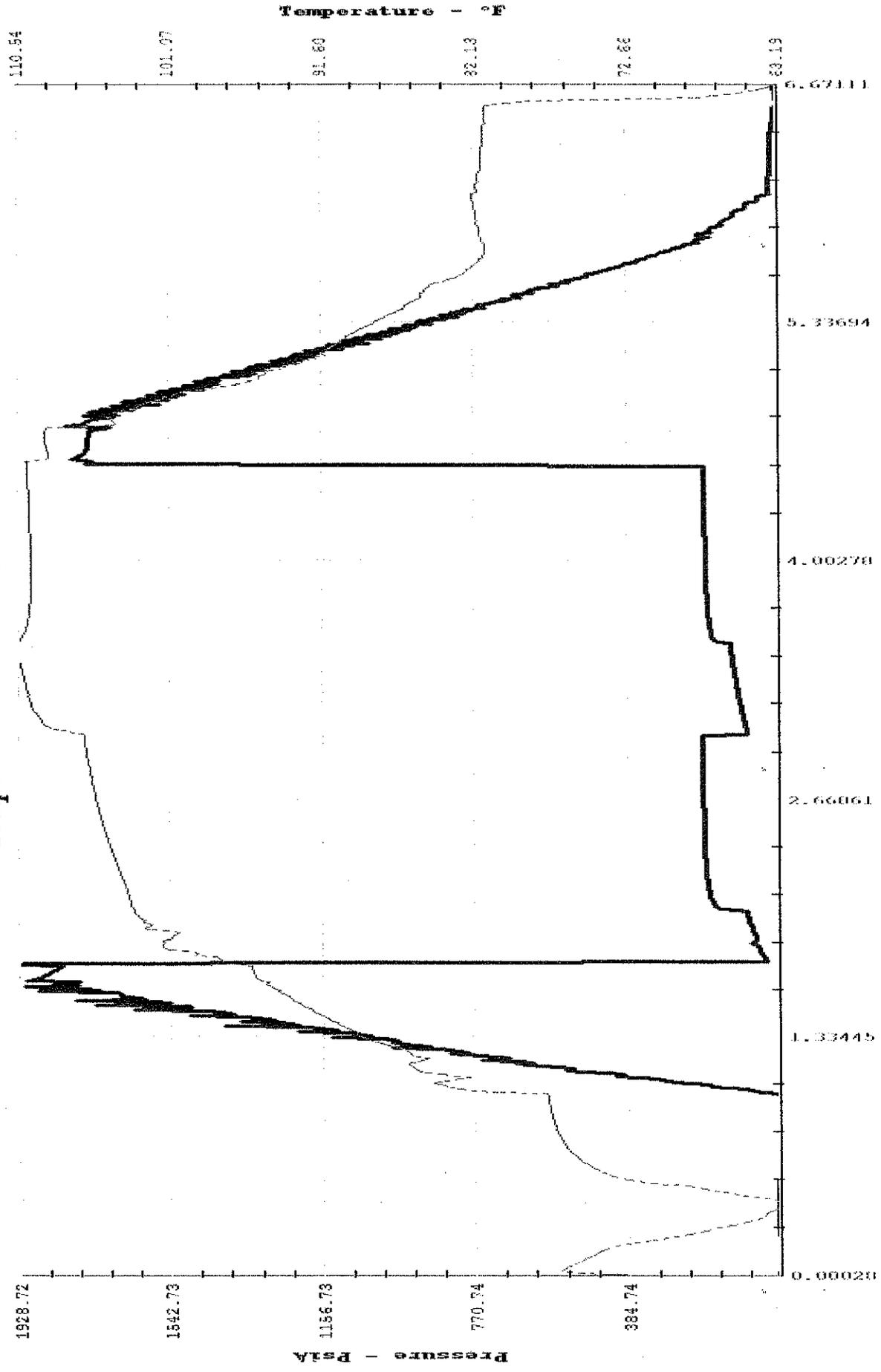
JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	YES	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	32 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	3752	BOTTOM RECORDER DEPTH	3753
RECORDER NUMBER	4023	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG #8	DRILL COLLAR LENGTH	
DRILL PIPE LENGTH	3703	DRILL COLLAR I.D.	2.25
DRILL PIPE I.D.	3.8	TOOL JOINT SIZE	4 1/2 X.H.
TOOL JOINT SIZE	4 1/2 X.H.		
WEIGHT PIPE LENGTH		MUD WEIGHT #/GAL	8.8
WEIGHT PIPE I.D.	2.25	VISCOSITY	65
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	8.8
		CHLORIDES-PITS	9200
		CHLORIDES-DST	26000

COMMENTS

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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

Date 10-6-84 Location 21-21-14W Elevation 1935 County STAFFORD
 Company F.G. HOLL COMPANY LLC Number of Copies 5
 Charts Mailed to 9431 E Central Suite #100 Wichita Ks 67205
 Drilling Contractor DUKE DRILLING Rig #8
 Length Drill Pipe 3759 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 _____ I.D. Drill Collars _____ Tool Joint Size _____

Top Packer Depth 3775 Bottom Packer Depth 3780 Number of Packers 2 Packer Size 6 3/4
 TESTED FROM 3780 TO 3790 ANCHOR LENGTH 10 TOTAL DEPTH 3790 Hole Size 7 7/8
 LEASE & WELL NO. FORD 1-21 FORMATION TESTED ARBUCKLE TEST NO. 7
 Mud Weight 8.8 Viscosity 65 Water Loss 8.8 Chlorides - Pits 9200 D.S.T. 55000
 Maximum Temp. 116 °F Initial Hydrostatic Pressure (A) 1907 P.S.I. Final Hydrostatic Pressure (H) 1825 P.S.I.

Tool Open I.F.P. from 6:15 A m to 6:30 A m 15 min
 Tool Closed I.C.I.P. from 6:30 A m to 7:30 A m 60 min
 Tool Open F.F.P. from 7:30 m to 7:45 m 15 min
 Tool Closed F.C.I.P. from 7:45 m to 8:45 m 60 min

from [B] 75 P.S.I. to [C] 300 P.S.I.
 [D] 1265 P.S.I.
 from [E] 300 P.S.I. to [F] 528 P.S.I.
 [G] 1266 P.S.I.

Initial Blow STRONG BLOW IN BOTTOM OF BUCKET IN 10 MINUTES
 Final Blow STRONG BLOW IN BOTTOM OF BUCKET IN 5 MINUTES

Total Feet Recovered 1110 feet of fluid recovered Gravity of Oil _____ Corrected _____

30 Feet of	Slight oil muddy cut water	% Gas	5%	Oil	15%	Mud	80%	Water
60 Feet of	Slight oil muddy cut water	% Gas	2%	Oil	25%	Mud	73%	Water
1020 Feet of	water	% Gas		Oil		Mud	100%	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 NO Safety Joint YES Extra Packer NO Straddle NO Hook Wall NO
 Top Recorder No. 4023 Clock No. Electronical Depth 3786 Cir. Sub _____ Sampler _____
 Bottom Recorder No. 3088 Clock No. 77441 Depth 3787 Insurance _____

Price of Job _____
 Tool Operator Frank Zamarrano
 Approved By _____
 No 14246

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

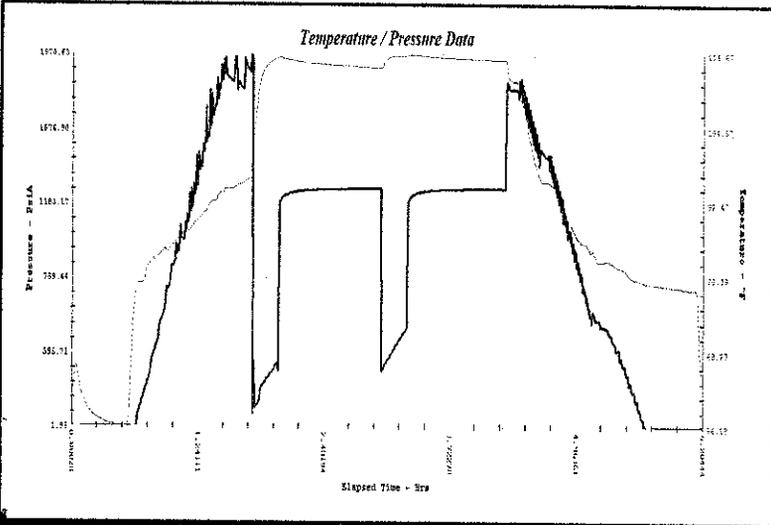
SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F.G.HOLL COMPANY LLC
 14W
 Lease & Well No. FORD 1-21 Test #: 7 Date: 10-6-06 SEC. 21 TWP. 21 RGE.



- 1 Initial Hydrostatic Pressure 1907
 - 2 Initial Flow Pressure 73
 - 3 Final Initial Flow Pressure 300
 - 4 Initial Shut-In Pressure 1265
 - 5 Initial Final Flow Pressure 300
 - 6 Final Flow Pressure 528
 - 7 Final Shut-In Pressure 1266
 - 8 Final Hydrostatic Pressure 1825
- Maximum Temperature 116

GENERAL INFORMATION

COMPANY NAME F.G.HOLL COMPANY LLC
 TEST DATE 10/6/07 LEASE AND WELL NUMBER FORD 1-21
 SECTION-TOWN-RANGE 21-21-14W FORMATION TESTED ARBUCKLE
 STATE KANSAS DRILL STEM TEST NUMBER 7
 COUNTY STAFFORD REPORT NUMBER 14246
 ELEVATION GROUND LEVEL 1935 ELEVATION KELLY BUSHINGS 1943
 COMPANY REPRESENTATIVE RENE HUSTEAD TESTING ENGINEER FRANK ZAMARRIPA

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3780 TOP PACKER DEPTH 3775
 TEST INTERVAL (to) 3790 BOTTOM PACKER DEPTH 3780
 ANCHOR LENGTH 10 NUMBER OF PACKERS 2
 TOTAL DEPTH (ft) 3790 PACKER SIZE 6 3/4
 HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 6:15AM TOOL OPEN (from) 7:30
 INITIAL OPEN TOOL OPEN (to) 6:30 FINAL OPEN TOOL OPEN (to) 7:45
 DURATION (min.) 15 DURATION (min.) 15
 TOOL CLOSED (from) 6:30 TOOL CLOSED (from) 7:45
 INITIAL SHUT-IN TOOL CLOSED (to) 7:30 FINAL SHUT-IN TOOL CLOSED (to) 8:45
 DURATION (min.) 60 DURATION (min.) 60

INITIAL FLOW

STRONG BLOW IN BOTTOM OF BUCKET IN 10 MINUTES

FINAL FLOW

STRONG BLOW IN BOTTOM OF BUCKET IN 5 MINUTES

Feet of Recovery	RESISTIVITY AT DEGREES CHLORIDES						
	RECOVERY DESCRIPTION			% GAS	% OIL	% MUD	% WATER
1) 30	SLIGHT OIL MUDDY CUT WATER				5	15	80
2) 60	SLIGHT OIL MUDDY CUT WATER				2	25	73
3) 1020	WATER						100
4)							
5)	CHLORIDES 55,000						

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 LLC	LEASE AND WELL NUMBER	FORD 1-21
TEST DATE	10/6/07	FORMATION TESTED	ARBUCKLE
SECTION-TOWN-RANGE	21-21-14W	DRILL STEM TEST NUMBER	7
STATE	KANSAS	REPORT NUMBER	14246
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1943
ELEVATION GROUND LEVEL	1935	TESTING ENGINEER	FRANK ZAMARRIPA
COMPANY REPRESENTATIVE	RENE HUSTEAD		

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	YES	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
	32 MILES ROUND TRIP FROM	SAMPLER	NO
	GREAT BEND		
TOP RECORDER DEPTH	3786	BOTTOM RECORDER DEPTH	3787
RECORDER NUMBER	4023	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRILLING RIG#8	DRILL COLLAR LENGTH	
DRILL PIPE LENGTH	3759	DRILL COLLAR I.D.	2.25
DRILL PIPE I.D.	3.8	TOOL JOINT SIZE	4 1/2 X.H.
TOOL JOINT SIZE	4 1/2 X.H.		
WEIGHT PIPE LENGTH		MUD WEIGHT #/GAL	8.8.
WEIGHT PIPE I.D.	2.25	VISCOSITY	65
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	8.8
		CHLORIDES-PITS	9200
		CHLORIDES-DST	55,000

COMMENTS

Temperature / Pressure Data

