

15-009-25085

(800) 792-6902

Ticket No. 15403

SUPERIOR TESTERS ENTERPRISES L.L.C.

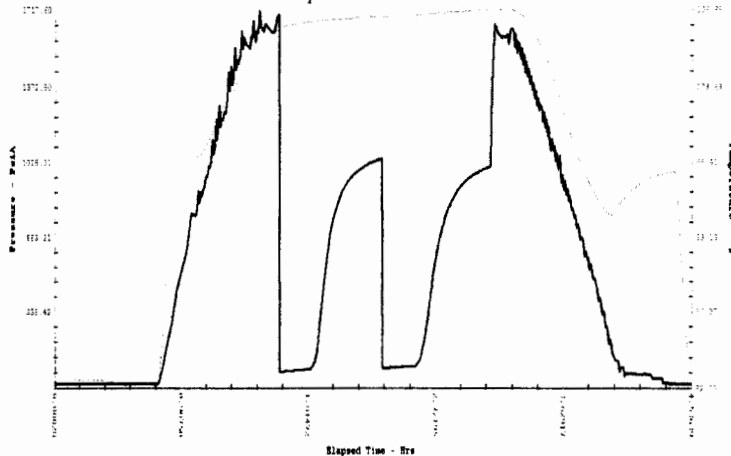
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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F.G. HOLL COMPANY L.L.C
 RGE. 13
 Lease & Well No. D.ROACH 1-17
 Test #: 1
 Date: 8-16-07
 SEC. 17
 TWP. 20

Temperature / Pressure Data



1	Initial Hydrostatic Pressure	1694
2	Initial Flow Pressure	65
3	Final Initial Flow Pressure	78
4	Initial Shut-In Pressure	1043
5	Initial Final Flow Pressure	81
6	Final Flow Pressure	93
7	Final Shut-In Pressure	1008
8	Final Hydrostatic Pressure	1647

Maximum Temperature 108

GENERAL INFORMATION

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

TEST DATE 8/16/07

SECTION-TOWN-RANGE 17-20-13

STATE KANSAS

COUNTY BARTON

ELEVATION GROUND LEVEL 1886

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER D. ROACH 1-17

FORMATION TESTED KANSAS CITY ABCD

DRILL STEM TEST NUMBER 1

REPORT NUMBER 15403

ELEVATION KELLY BUSHINGS 1890

TESTING ENGINEER DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3234

TEST INTERVAL (to) 3303

ANCHOR LENGTH 69

TOTAL DEPTH (ft) 3303

TOP PACKER DEPTH 3229

BOTTOM PACKER DEPTH 3234

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 10:20

TOOL OPEN (to) 10:35

DURATION (min.) 15

FINAL OPEN

TOOL OPEN (from) 11:05

TOOL OPEN (to) 11:20

DURATION (min.) 15

INITIAL SHUT-IN

TOOL CLOSED (from) 10:35

TOOL CLOSED (to) 11:05

DURATION (min.) 30

FINAL SHUT-IN

TOOL CLOSED (from) 11:20

TOOL CLOSED (to) 11:50

DURATION (min.) 30

INITIAL FLOW

SURFACE BLOW

FINAL FLOW

NO BLOW FOR 4 MIN THEN WEAK SURFACE BLOW

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	D. ROACH 1-17
TEST DATE	8/16/07	FORMATION TESTED	KANSAS CITY ABCD
SECTION-TOWN-RANGE	17-20-13	DRILL STEM TEST NUMBER	1
STATE	KANSAS	REPORT NUMBER	15403
COUNTY	BARTON	ELEVATION KELLY BUSHINGS	1890
ELEVATION GROUND LEVEL	1886	TESTING ENGINEER	DAVID NICHOLS
COMPANY REPRESENTATIVE	BILL REE		

EXTRA EQUIPMENT

JARS	Y	EXTRA PACKER (3RD)	NO
SAFETY JOINT	Y	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	NO	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	9 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	3299	BOTTOM RECORDER DEPTH	3300
RECORDER NUMBER	91986	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	PETROMARK	DRILL COLLAR LENGTH	120
DRILL PIPE LENGTH	3092	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.		

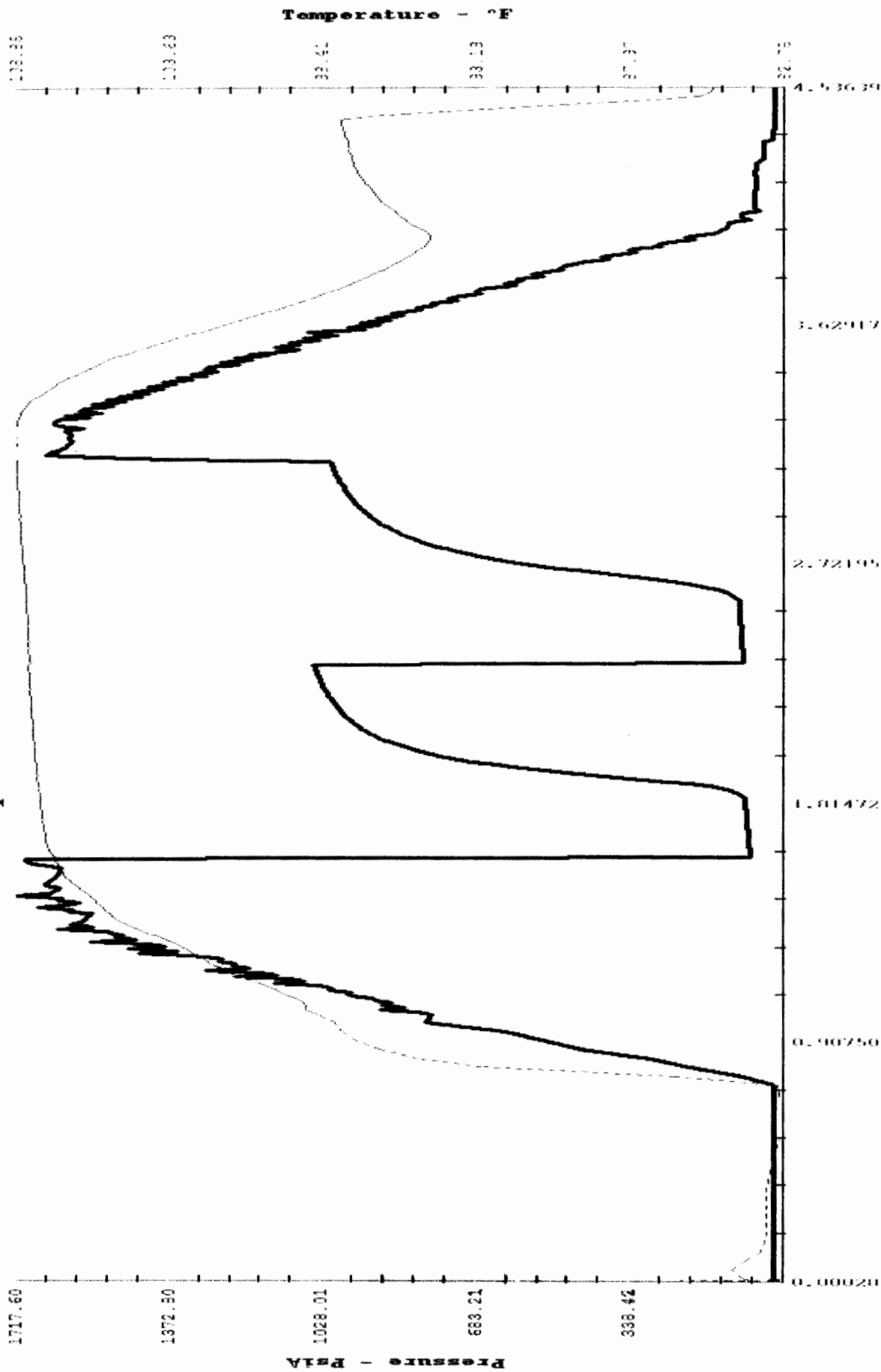
COMMENTS

Recovery Sample Description

Great Bend, Kansas 67530

[illegible]

Temperature / Pressure Data



(800) 792-6902

Initial Hydrostatic <u>1775</u>		P.S.I. Final Hydrostatic <u>1683</u>		P.S.I. Maximum Temp. <u>110</u>		F
Initial Opening <u>45</u>	P.S.I. to <u>63</u>	P.S.I. from <u>3:55 A</u>	m to <u>4:10</u>	m <u>15</u>	minutes	
Initial Shut-in <u>1029</u>	P.S.I.	from <u>4:10</u>	m to <u>4:40</u>	m <u>30</u>	minutes	
Final Opening <u>600</u>	P.S.I. to <u>80</u>	P.S.I. from <u>4:40</u>	m to <u>4:55</u>	m <u>15</u>	minutes	
Final Shut-in <u>927</u>	P.S.I.	from <u>4:55</u>	m to <u>5:25 A</u>	m <u>30</u>	minutes	

[illegible]

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

Extra Equipment-Jars YES Safety Joint YES Circulating Sub — Straddle —
Electronic Recorder No. 91984 Depth 3386 Extra Packer (3rd) — Hook Wall —
Bottom Recorder No. 6889 Depth 3387 Extra Packer (4th) — Sampler —
Tool Operator Paul Thelin Approved By —

Ticket No. 15404

SUPERIOR TESTERS ENTERPRISES L.L.C.

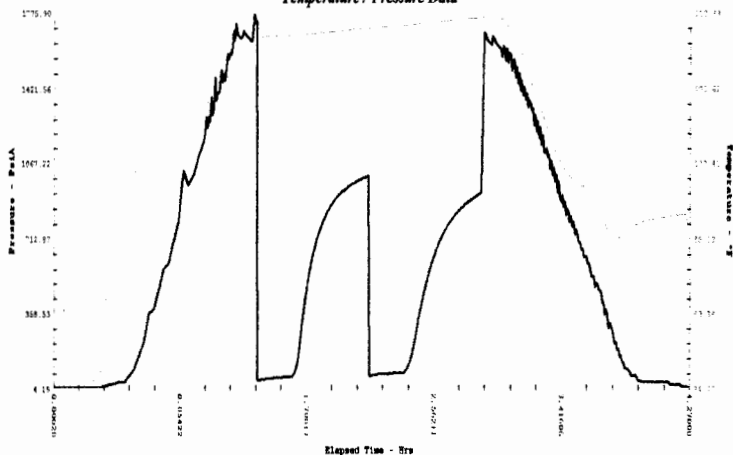
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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F.G.HOLL COMPANY L.L.C
 RGE. 13
 Lease & Well No. D.ROACH 1-17
 Test #: 2
 Date: 8-17-07
 SEC. 17
 TWP. 20

Temperature / Pressure Data



1	Initial Hydrostatic Pressure	1775
2	Initial Flow Pressure	45
3	Final Initial Flow Pressure	63
4	Initial Shut-In Pressure	1009
5	Initial Final Flow Pressure	66
6	Final Flow Pressure	80
7	Final Shut-In Pressure	927
8	Final Hydrostatic Pressure	1685

Maximum Temperature 110

GENERAL INFORMATION

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

TEST DATE 8/17/07

SECTION-TOWN-RANGE 17-20-13

STATE KANSAS

COUNTY BARTON

ELEVATION GROUND LEVEL 1886

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER D.ROACH 1-17

FORMATION TESTED LANSING H-I

DRILL STEM TEST NUMBER 2

REPORT NUMBER 15404

ELEVATION KELLY BUSHINGS 1890

TESTING ENGINEER DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3358

TEST INTERVAL (to) 3390

ANCHOR LENGTH 32

TOTAL DEPTH (ft) 3390

TOP PACKER DEPTH 3353

BOTTOM PACKER DEPTH 3358

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 3:55

TOOL OPEN (to) 4:10

DURATION (min.) 15

FINAL OPEN

TOOL OPEN (from) 4:40

TOOL OPEN (to) 4:55

DURATION (min.) 15

INITIAL SHUT-IN

TOOL CLOSED (from) 4:10

TOOL CLOSED (to) 4:40

DURATION (min.) 30

FINAL SHUT-IN

TOOL CLOSED (from) 4:55

TOOL CLOSED (to) 5:25

DURATION (min.) 30

INITIAL FLOW

WEAK BLOW BUILT TO 1/2 INCH INTO WATER

FINAL FLOW

NO BLOW FOR 8 MIN THEN A SURFACE BLOW

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	D.ROACH 1-17
TEST DATE	8/17/07	FORMATION TESTED	LANSING H-I
SECTION-TOWN-RANGE	17-20-13	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	15404
COUNTY	BARTON	ELEVATION KELLY BUSHINGS	1890
ELEVATION GROUND LEVEL	1886	TESTING ENGINEER	DAVID NICHOLS
COMPANY REPRESENTATIVE	BILL REE		

EXTRA EQUIPMENT

JARS	Y	EXTRA PACKER (3RD)	NO
SAFETY JOINT	Y	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	NO	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	9 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	3386	BOTTOM RECORDER DEPTH	3387
RECORDER NUMBER	91986	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	PETROMARK	DRILL COLLAR LENGTH	120
DRILL PIPE LENGTH	3216	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

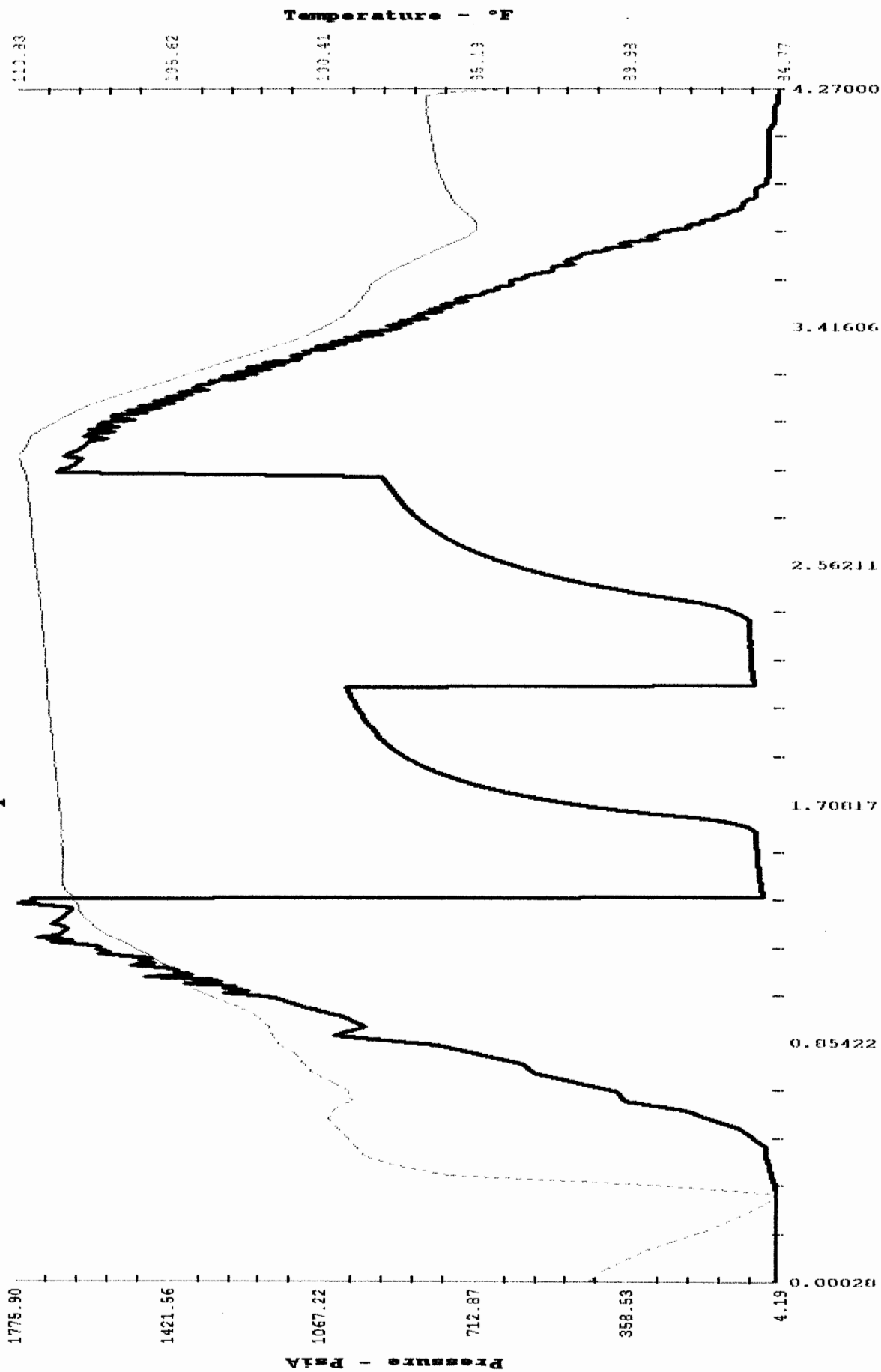
Recovery Sample Description

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							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	0.0000	0.0000	0.0000
	2.25	80	MUD WITH A VERY SLIGHT SHOW OF OIL		1%	99%		0.3920
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
Total Recovery	80	Feet	Total bbls. Recovered From Drill Pipe	0.0000	0.0000	0.0000	0.0000	Total
			Total bbls. Recovered From Drill Collars	0.0000	0.0039	0.3881	0.0000	bbls
			Total bbls Recovered	0.0000	0.0039	0.3881	0.0000	0.3920
				Gas	Oil	Mud	Water	
MUD WEIGHT #/GAL	9.2		Resistivity		ohms @		Degrees	
VISCOSITY	57		Recovery Chlorides		ppm			
WATER LOSS	8.8.		Pit Chlorides	4,200	ppm			
			4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D					
F.G. HOLL COMPANY L.L.C	17-20-13	D.ROACH1-17	8-17-07	DST#2	LANSING H-I			

Temperature / Pressure Data



Superior Testers Enterprises L.L.C.

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

(800) 792-6902

Company FG. Holl Company L.L.C.
Address 9431 Central Suite 100 Wichita KS 67206
Lease & # D. Ranch 1-17 Sec. 17 Twp 20 Rng 13
Date 8-17-2007 County Benton Elevation 1884 G.L. 1870 K.B.
Drilling Contractor Retromark Rig #2
Drill Pipe Length 3249 I.D. of Drill Pipe 3.80 Tool Joint Size 4 1/2 x H
Drill Collar Length 120 I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2 x H
Mud Weight 9.3 Viscosity 52 Filtrate 8.5 Chlorides-Pits 4500 DST
Top Packer Depth 3386 Bottom Packer Depth 3391 Number of Packers 2
Tested From 3391 to 3414 Total Depth 3414 Anchor Length 23
Test # 3 Formation Tested Lansing K Hole Size 7 7/8
Initial Blow weak surface blow

Blow back on the 1st Shut-in NO

Final Blow No Blow

Blow back on the 2nd Shut-in NO

Initial Hydrostatic 1744 P.S.I. Final Hydrostatic 1721 P.S.I. Maximum Temp. 107 F

Initial Opening <u>47</u> P.S.I. to <u>52</u> P.S.I. from <u>2:30 p</u> m to <u>2:45</u> m <u>15</u> minutes
Initial Shut-in <u>155</u> P.S.I. from <u>2:45</u> m to <u>3:15</u> m <u>30</u> minutes
Final Opening <u>52</u> P.S.I. to <u>54</u> P.S.I. from <u>3:15</u> m to <u>3:30</u> m <u>15</u> minutes
Final Shut-in <u>107</u> P.S.I. from <u>3:30</u> m to <u>4:00 p</u> m <u>30</u> minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
<u>10</u>	<u>Mud</u>			<u>100</u>	

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

Extra Equipment-Jars YES Safety Joint YES Circulating Sub _____ Straddle _____
Electronic Recorder No. 71984 Depth 3410 Extra Packer (3rd) _____ Hook Wall _____
Bottom Recorder No. 6899 Depth 3411 Extra Packer (4th) _____ Sampler _____
Tool Operator Paul Miller Approved By _____

Ticket No. 15405

SUPERIOR TESTERS ENTERPRISES L.L.C.

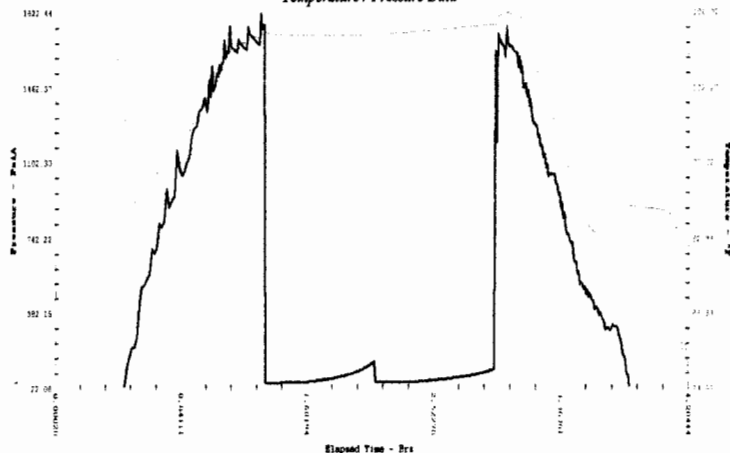
DRILL STEM TEST REPORT

1(800)792-6902

GREAT BEND, KANSAS 67530

Company: F.G. HOLL COMPANY L.L.C
 RGE. 13
 Lease & Well No. D.ROACH 1-17
 Test #: 3
 Date: 8-16-07
 SEC. 17
 TWP. 20

Temperature / Pressure Data



1	Initial Hydrostatic Pressure	1764
2	Initial Flow Pressure	47
3	Final Initial Flow Pressure	52
4	Initial Shut-In Pressure	150
5	Initial Final Flow Pressure	52
6	Final Flow Pressure	54
7	Final Shut-In Pressure	107
8	Final Hydrostatic Pressure	1721

Maximum Temperature 107

GENERAL INFORMATION

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

TEST DATE 8/17/07

SECTION-TOWN-RANGE 17-20-13

STATE KANSAS

COUNTY BARTON

ELEVATION GROUND LEVEL 1886

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER D. ROACH 1-17

FORMATION TESTED LANSING K

DRILL STEM TEST NUMBER 3

REPORT NUMBER 15405

ELEVATION KELLY BUSHINGS 1890

TESTING ENGINEER DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3391

TEST INTERVAL (to) 3414

ANCHOR LENGTH 23

TOTAL DEPTH (ft) 3414

TOP PACKER DEPTH 3386

BOTTOM PACKER DEPTH 3391

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 2:30

TOOL OPEN (to) 2:45

DURATION (min.) 15

FINAL OPEN

TOOL OPEN (from) 3:15

TOOL OPEN (to) 3:30

DURATION (min.) 15

INITIAL SHUT-IN

TOOL CLOSED (from) 2:45

TOOL CLOSED (to) 3:15

DURATION (min.) 30

FINAL SHUT-IN

TOOL CLOSED (from) 3:30

TOOL CLOSED (to) 4:00

DURATION (min.) 30

INITIAL FLOW

WEAK SURFACE BLOW

FINAL FLOW

NO BLOW

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	D. ROACH 1-17
TEST DATE	8/17/07	FORMATION TESTED	LANSING K
SECTION-TOWN-RANGE	17-20-13	DRILL STEM TEST NUMBER	3
STATE	KANSAS	REPORT NUMBER	15405
COUNTY	BARTON	ELEVATION KELLY BUSHINGS	1890
ELEVATION GROUND LEVEL	1886	TESTING ENGINEER	DAVID NICHOLS
COMPANY REPRESENTATIVE	BILL REE		

EXTRA EQUIPMENT

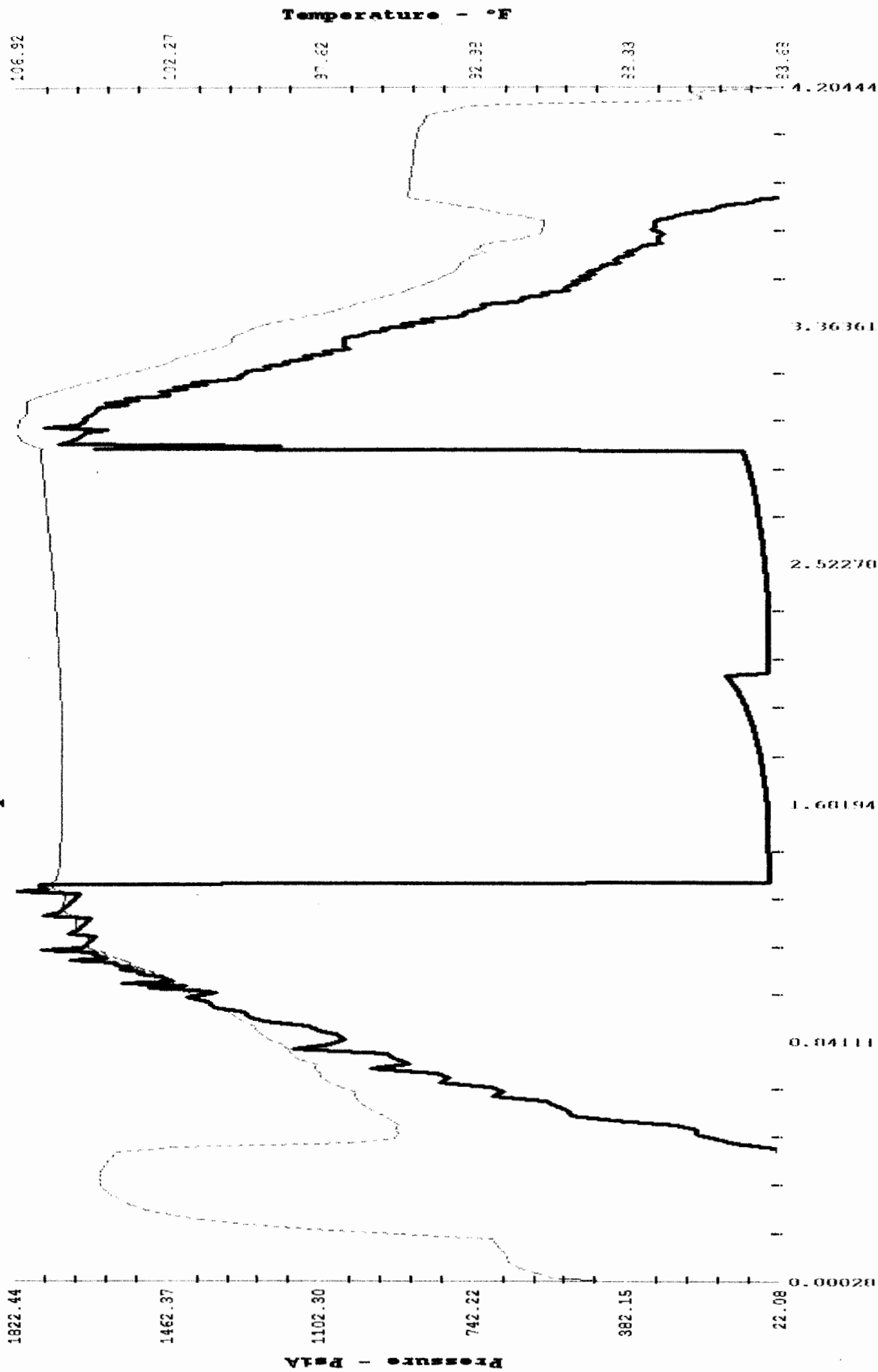
JARS	Y	EXTRA PACKER (3RD)	NO
SAFETY JOINT	Y	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	NO	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	9 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	3410	BOTTOM RECORDER DEPTH	3411
RECORDER NUMBER	91986	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	PETROMARK	DRILL COLLAR LENGTH	120
DRILL PIPE LENGTH	3249	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

Temperature / Pressure Data



F.G.HOLL COMPANY L.L.C

17-20-13

D.ROACH 1-17

DST#3

8-17-07

LANSING K

(800) 792-6902

Initial Opening _____ P.S.I. to _____ P.S.I.	from _____ : _____ m to _____ : _____ m _____ minutes
Initial Shut-in _____ P.S.I.	from _____ : _____ m to _____ : _____ m _____ minutes
Final Opening _____ P.S.I. to _____ P.S.I.	from _____ : _____ m to _____ : _____ m _____ minutes
Final Shut-in _____ P.S.I.	from _____ : _____ m to _____ : _____ m _____ minutes

Ticket No. 15406

SUPERIOR TESTERS ENTERPRISES L.L.C.

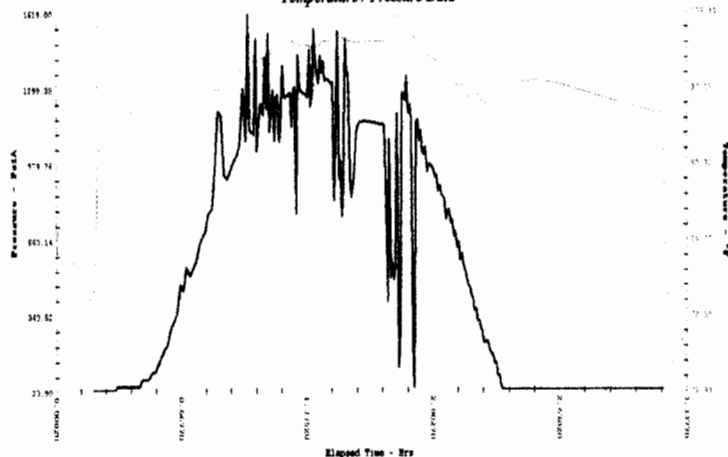
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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F.G. HOLL COMPANY L.L.C. Lease & Well No. D.ROACH 1-17 Test #: 4 Date: 8-18-07 SEC. 17 TWP. 20
 RGE. 13

Temperature / Pressure Data



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

Maximum Temperature

GENERAL INFORMATION

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

TEST DATE 8/18/07

LEASE AND WELL NUMBER D.ROACH 1-17

SECTION-TOWN-RANGE 17-20-13

FORMATION TESTED LANSING L

STATE KANSAS

DRILL STEM TEST NUMBER 4

COUNTY BARTON

REPORT NUMBER 15406

ELEVATION GROUND LEVEL 1886

ELEVATION KELLY BUSHINGS 1890

COMPANY REPRESENTATIVE BILL REE

TESTING ENGINEER DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3445

TOP PACKER DEPTH 3440

TEST INTERVAL (to) 3472

BOTTOM PACKER DEPTH 3445

ANCHOR LENGTH 27

NUMBER OF PACKERS 2

TOTAL DEPTH (ft) 3472

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

FINAL OPEN

TOOL OPEN (from)

TOOL OPEN (from)

TOOL OPEN (to)

TOOL OPEN (to)

DURATION (min.)

DURATION (min.)

INITIAL SHUT-IN

FINAL SHUT-IN

TOOL CLOSED (from)

TOOL CLOSED (from)

TOOL CLOSED (to)

TOOL CLOSED (to)

DURATION (min.)

DURATION (min.)

INITIAL FLOW

FINAL FLOW

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	D.ROACH 1-17
TEST DATE	8/18/07	FORMATION TESTED	LANSING L
SECTION-TOWN-RANGE	17-20-13	DRILL STEM TEST NUMBER	4
STATE	KANSAS	REPORT NUMBER	15406
COUNTY	BARTON	ELEVATION KELLY BUSHINGS	1890
ELEVATION GROUND LEVEL	1886	TESTING ENGINEER	DAVID NICHOLS
COMPANY REPRESENTATIVE	BILL REE		

EXTRA EQUIPMENT

JARS	Y	EXTRA PACKER (3RD)	NO
SAFETY JOINT	Y	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	NO	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	9 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	3468	BOTTOM RECORDER DEPTH	3469
RECORDER NUMBER	91986	RECORDER NUMBER	3088

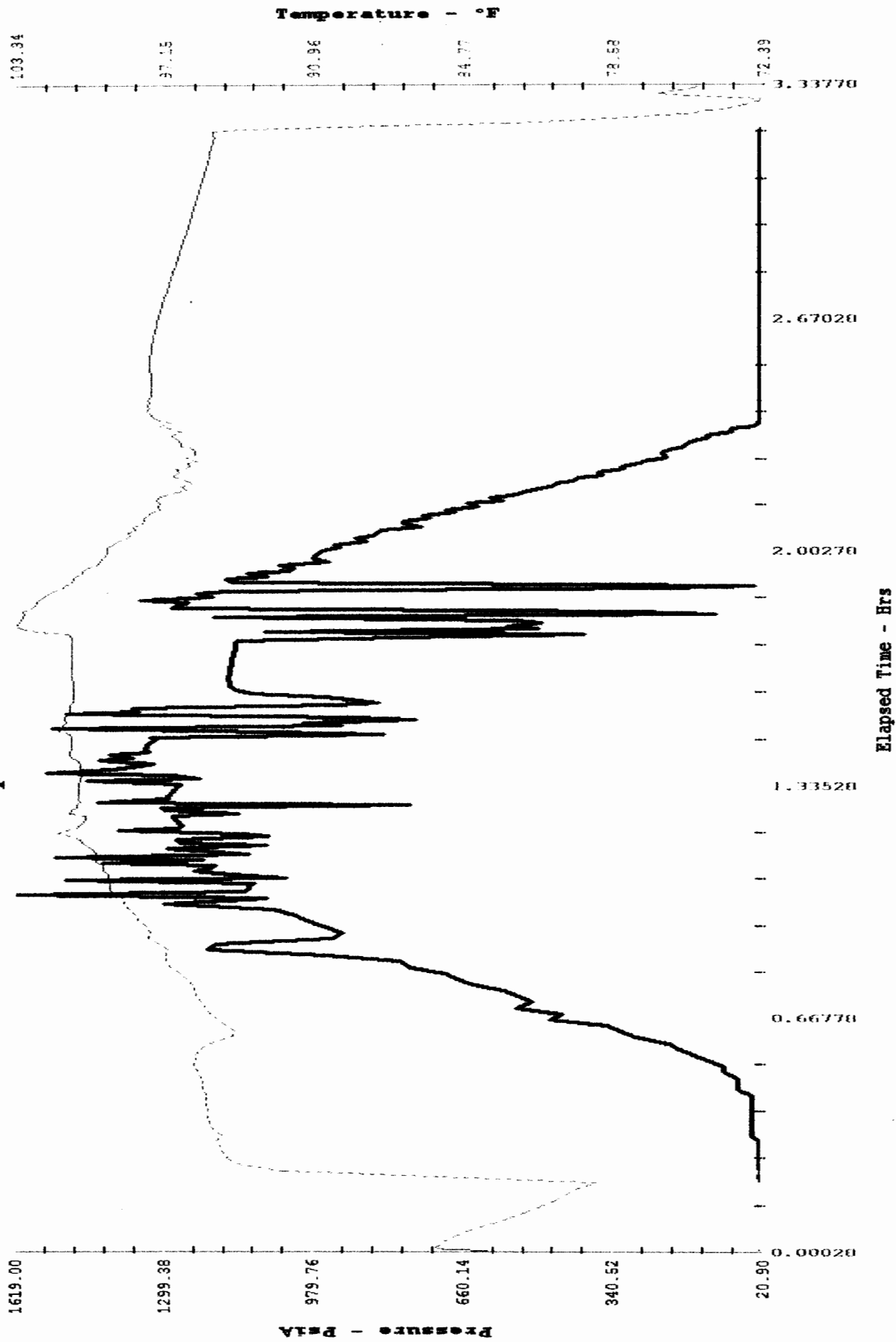
WELL INFORMATION

DRILLING CONTRACTOR	PETROMARK	DRILL COLLAR LENGTH	120
DRILL PIPE LENGTH	3303	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

HIT BRIDGE AT 13 STANDS OFF BOTTOM TRIED TO OPEN TOOL 3 TIMES
RUINED 2 PACKERS

Temperature / Pressure Data



Superior Testers Enterprises L.L.C.

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

(800) 792-6902

Company F.B. Hall Company L.L.C.
Address 9435 East Central Suite 100 Wichita, Kansas 67206
Lease & # D Roach #1-17 Sec. 17 Twp 20S Rng 13W
Date 8-18-2007 County Barton Elevation 1886 G.L. 1891 K.B.
Drilling Contractor Petromark Drilling Rig #2
Drill Pipe Length 3297 I.D. of Drill Pipe 3.80 Tool Joint Size 4 1/2" X.H
Drill Collar Length 120 I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2" X.H
Mud Weight 9.9 Viscosity 58 Filtrate 10.4 Chlorides-Pits 6400 DST
Top Packer Depth 3439 Bottom Packer Depth 3444 Number of Packers 2
Tested From 3444 to 3502 Total Depth 3502 Anchor Length 58
Test # 5 Formation Tested Conglomerate Hole Size 7 7/8
Initial Blow Struck blow built to the bottom of a 5 Gallon Bucket in less than 1 minute - Gas to Surface in the 1st Shut-in Blow back on the 1st Shut-in YES
Final Blow Struck blow - See Gas Flow Report

Blow back on the 2nd Shut-in YES
Initial Hydrostatic 1838 P.S.I. Final Hydrostatic 1715 P.S.I. Maximum Temp. 109 F

Initial Opening	<u>273</u> P.S.I. to <u>245</u>	P.S.I. from <u>3:15</u> pm to <u>3:20</u> pm	<u>5</u> minutes
Initial Shut-in	<u>1195</u> P.S.I.	from <u>3:20</u> pm to <u>4:20</u> pm	<u>60</u> minutes
Final Opening	<u>491</u> P.S.I. to <u>220</u>	P.S.I. from <u>4:20</u> pm to <u>5:20</u> pm	<u>90</u> minutes
Final Shut-in	<u>1158</u> P.S.I.	from <u>5:50</u> pm to <u>7:20</u> pm	<u>90</u> minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
250	Drilling mud no solids - 5 g. l				

Total Feet Recovered _____ Recovery Chlorides _____ Rw. _____ ohms @ _____ Degrees
Gravity of oil _____ Corrected Gas to Surface in 4 minutes into the 1st SHUT-IN
Max. Gas Gauged _____ MCF/day See Gas Flow Report Was a gas sample taken YES
Comments _____

Extra Equipment-Jars yes Safety Joint yes Circulating Sub none Straddle none
Electronic Recorder No. 91258 Depth 3498 Extra Packer (3rd) none Hook Wall none
Bottom Recorder No. 4337 Depth 3499 Extra Packer (4th) none Sampler none
Tool Operator Don Bulky Approved By _____

Ticket No. 15407

SUPERIOR TESTERS ENTERPRISES L.L.C.

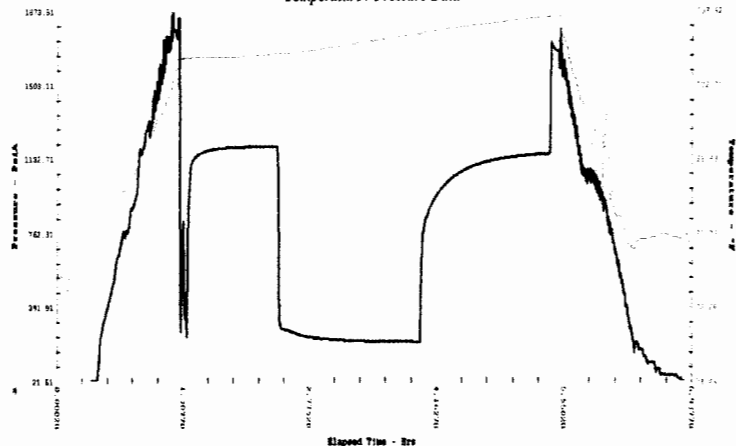
DRILL STEM TEST REPORT

1(800)792-6902

GREAT BEND, KANSAS 67530

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. D ROACH #1-17 Test #: 5 Date: 08-18-2007 SEC. 17
TWP. 20S RGE. 13W

Temperature / Pressure Data



1	Initial Hydrostatic Pressure	1838
2	Initial Flow Pressure	273
3	Final Initial Flow Pressure	245
4	Initial Shut-In Pressure	1195
5	Initial Final Flow Pressure	491
6	Final Flow Pressure	220
7	Final Shut-In Pressure	1158
8	Final Hydrostatic Pressure	1715

Maximum Temperature 109

GENERAL INFORMATION

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

TEST DATE 8/18/07

SECTION-TOWN-RANGE 17-20S-13W

STATE KANSAS

COUNTY BARTON

ELEVATION GROUND LEVEL 1886

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER D ROACH #1-17

FORMATION TESTED CONGLOMERATE

DRILL STEM TEST NUMBER 5

REPORT NUMBER 15407

ELEVATION KELLY BUSHINGS 1891

TESTING ENGINEER DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3444

TEST INTERVAL (to) 3502

ANCHOR LENGTH 58

TOTAL DEPTH (ft) 3502

TOP PACKER DEPTH 3439

BOTTOM PACKER DEPTH 3444

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 3:15

TOOL OPEN (to) 3:20

DURATION (min.) 5

INITIAL SHUT-IN

TOOL CLOSED (from) 3:20

TOOL CLOSED (to) 4:20

DURATION (min.) 60

FINAL OPEN

TOOL OPEN (from) 4:20

TOOL OPEN (to) 5:50

DURATION (min.) 90

FINAL SHUT-IN

TOOL CLOSED (from) 5:50

TOOL CLOSED (to) 7:20

DURATION (min.) 90

INITIAL FLOW

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

GAS TO SURFACE 2 MINUTES INTO THE 1ST SHUT-IN

FINAL FLOW

STRONG BLOW -SEE GAS FLOW REPORT

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	D ROACH #1-17
TEST DATE	8/18/07	FORMATION TESTED	CONGLOMERATE
SECTION-TOWN-RANGE	17-20S-13W	DRILL STEM TEST NUMBER	5
STATE	KANSAS	REPORT NUMBER	15407
COUNTY	BARTON	ELEVATION KELLY BUSHINGS	1891
ELEVATION GROUND LEVEL	1886	TESTING ENGINEER	DAVID NICHOLS
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
	10 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	3498	BOTTOM RECORDER DEPTH	3499
RECORDER NUMBER	91958	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	PETROMARK DRILLING RIG #2		
DRILL PIPE LENGTH	3297	DRILL COLLAR LENGTH	120
DRILL PIPE I.D.	3.8	DRILL COLLAR I.D.	2.25
TOOL JOINT SIZE	4 1/2 X.H.	TOOL JOINT SIZE	4 1/2 X.H.

COMMENTS

SUPERIOR TESTERS ENTERPRISES L.L.C.

GREAT BEND, KANSAS

GAS FLOW RATE

(800) 792-6902

#

STATE..... KANSAS

Test Date 1/0/1900

COUNTY..... BARTON

Sec Town Range 17-20S-13W

FIELD.....

Report Number 15407

Initial Flow

Comments	Time (minutes)	Period of (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pilot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPENED AT 3:15 TOOL OPENED FOR 5 MINUTES GAS TO SURFACE 2 MINUTES INTO THE 1ST SHUT-IN							

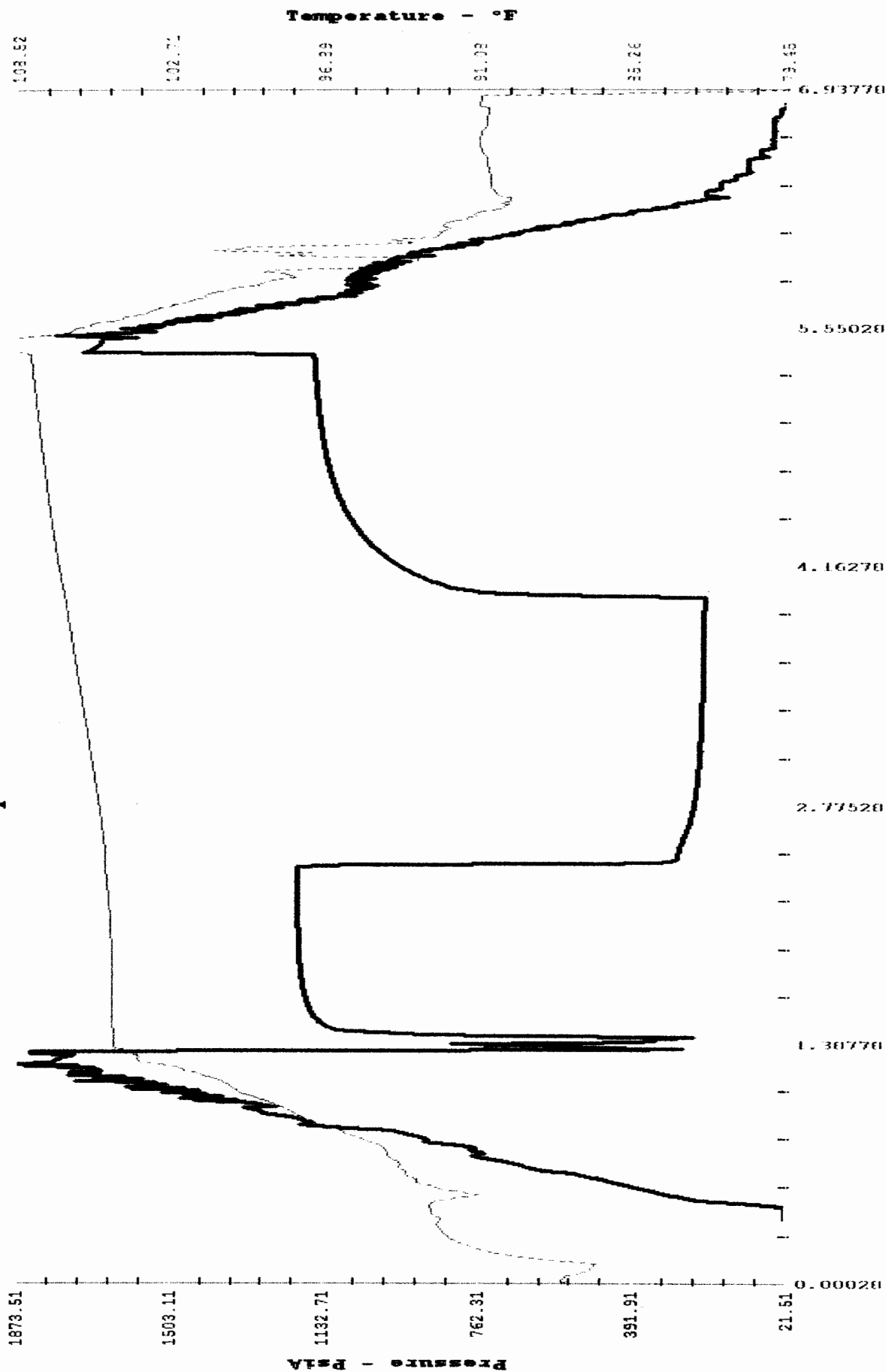
Final Flow

Comments	Time (minutes)	Period of (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pilot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPENED AT	4:30	10		3		1 1/2	654.000
4:20	4:40	20		2 3/4		1 1/2	633.000
	4:50	30		6 1/4		1 1/4	612.000
	5:00	40		5 1/2		1 1/4	571.000
	5:10	50		5		1 1/4	542.000
	5:20	60		4 3/4		1 1/4	526.500
	5:30	70		4 1/2		1 1/4	511.000
	5:40	80		4 1/2		1 1/4	511.000
	5:50	90		4 1/4		1 1/4	495.500

Was there a gas sample taken

YES

Temperature / Pressure Data



(800) 792-6902

Initial Opening	61	P.S.I. to	65	P.S.I.	from	4:00	A m to	4:30	A m	15	minutes
Initial Shut-in	167	P.S.I.		P.S.I.	from	4:30	A m to	5:00	A m	30	minutes
Final Opening	65	P.S.I. to	80	P.S.I.	from	5:00	A m to	5:30	A m	30	minutes
Final Shut-in	222	P.S.I.		P.S.I.	from	5:30	A m to	6:15	A m	45	minutes

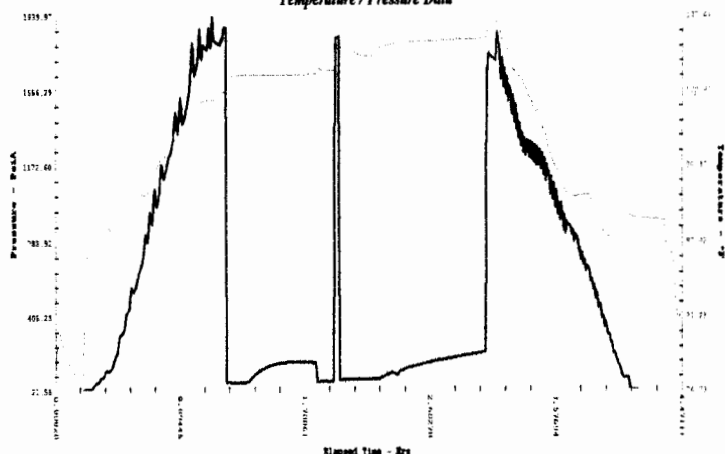
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Total Feet Recovered _____ Recovery Chlorides _____ Rw. _____ ohms @ _____ Degrees
Gravity of oil _____ Corrected Gas to Surface in _____ minutes into the _____
Max. Gas Gauged _____ MCF/day See Gas Flow Report Was a gas sample taken _____
Comments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

Extra Equipment-Jars 405 Safety Joint 405 Circulating Sub none Straddle none
Electronic Recorder No. 91958 Depth 3516 Extra Packer (3rd) none Hook Wall none
Bottom Recorder No. 4337 Depth 3517 Extra Packer (4th) none Sampler none
Tool Operator Gene Rudy Approved By _____

Ticket No. 15408

Temperature / Pressure Data



1	Initial Hydrostatic Pressure	1876
2	Initial Flow Pressure	61
3	Final Initial Flow Pressure	65
4	Initial Shut-In Pressure	167
5	Initial Final Flow Pressure	65
6	Final Flow Pressure	80
7	Final Shut-In Pressure	222
8	Final Hydrostatic Pressure	1744

Maximum Temperature 107

GENERAL INFORMATION

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

TEST DATE 8/19/07

LEASE AND WELL NUMBER D ROACH # 1-17

SECTION-TOWN-RANGE 17-20S-13W

FORMATION TESTED ARBUCKLE

STATE KANSAS

DRILL STEM TEST NUMBER 6

COUNTY BARTON

REPORT NUMBER 15408

ELEVATION GROUND LEVEL 1886

ELEVATION KELLY BUSHINGS 1891

COMPANY REPRESENTATIVE

TESTING ENGINEER DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3513

TOP PACKER DEPTH

TEST INTERVAL (to) 3520

BOTTOM PACKER DEPTH 3513

ANCHOR LENGTH 7

NUMBER OF PACKERS 2

TOTAL DEPTH (ft) 3520

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

FINAL OPEN

TOOL OPEN (from) 4:15

TOOL OPEN (from) 5:00

TOOL OPEN (to) 4:30

TOOL OPEN (to) 5:30

DURATION (min.) 15

DURATION (min.) 30

INITIAL SHUT-IN

FINAL SHUT-IN

TOOL CLOSED (from) 4:30

TOOL CLOSED (from) 5:30

TOOL CLOSED (to) 5:00

TOOL CLOSED (to) 6:15

DURATION (min.) 30

DURATION (min.) 45

INITIAL FLOW

WEAK BUILDING BLOW BUILT TO 4 1/2 INCHES INTO THE WATER

FINAL FLOW

SURGING BUILDING BLOW BUILT TO 8 INCHES IN 3 MINUTES FLUSHED TOOL AFTER 8 MINUTES

Recovery Sample Description

Great Bend, Kansas 67530

[illegible]

Temperature / Pressure Data



Superior Testers Enterprises L.L.C.

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

(800) 792-6902

Company F.C. Hall Company L.L.C.
Address 9435 East ~~100th~~ Central Suite 100 Wichita Kansas 67206
Lease & # D Roach # 1-17 Sec. 17 Twp 20^S Rng 13^W
Date 8-19-2007 County Barber Elevation 1886 G.L. 1891 K.B.
Drilling Contractor Petromark Drilling Rig #2
Drill Pipe Length 3384 I.D. of Drill Pipe 3.80 Tool Joint Size 4 1/2" X H
Drill Collar Length 120 I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2" X H
Mud Weight 11.8 Viscosity 62.0 Filtrate 12% Chlorides-Pits 8400 DST _____
Top Packer Depth 3520 Bottom Packer Depth NONE Number of Packers 2
Tested From 3520 to 3532 Total Depth 3532 Anchor Length 12
Test # 7 Formation Tested Acquatic Hole Size 7 7/8
Initial Blow Weak steady 1/2 inch blow

Blow back on the 1st Shut-in no
Final Blow Weak steady 1/2 inch blow
Blow back on the 2nd Shut-in no
Initial Hydrostatic 1843 P.S.I. Final Hydrostatic 1749 P.S.I. Maximum Temp. 106 F

Initial Opening <u>41</u> P.S.I. to <u>46</u> P.S.I. from <u>4:00</u> p.m. to <u>4:15</u> p.m. <u>15</u> minutes
Initial Shut-in <u>100</u> P.S.I. from <u>4:15</u> p.m. to <u>4:45</u> p.m. <u>30</u> minutes
Final Opening <u>54</u> P.S.I. to <u>56</u> P.S.I. from <u>4:45</u> p.m. to <u>5:00</u> p.m. <u>15</u> minutes
Final Shut-in <u>80</u> P.S.I. from <u>5:00</u> p.m. to <u>5:30</u> p.m. <u>30</u> minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
<u>60</u>	<u>Gas in the Pipe</u>				
<u>15</u>	<u>SLIGHTLY oil spotted mud LESS than 1% oil</u>				
	<u>Show of free oil between the tools</u>				

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

Extra Equipment-Jars NONE Safety Joint YES Circulating Sub NONE Straddle NONE
Electronic Recorder No. 91958 Depth 3528 Extra Packer (3rd) NONE Hook Wall NONE
Bottom Recorder No. 4337 Depth 3529 Extra Packer (4th) NONE Sampler NONE
Tool Operator Don Brady Approved By _____

Ticket No. 15409

SUPERIOR TESTERS ENTERPRISES L.L.C.

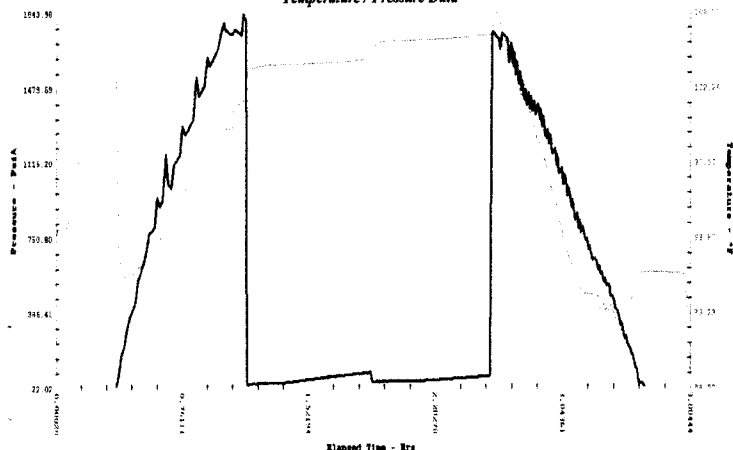
1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. D ROACH #1-17 Test #: 7 Date: 08-19-2007 SEC. 17
TWP. 20S RGE. 13W

Temperature / Pressure Data



1	Initial Hydrostatic Pressure	1843
2	Initial Flow Pressure	41
3	Final Initial Flow Pressure	46
4	Initial Shut-In Pressure	100
5	Initial Final Flow Pressure	54
6	Final Flow Pressure	56
7	Final Shut-In Pressure	80
8	Final Hydrostatic Pressure	1749

Maximum Temperature 106

GENERAL INFORMATION

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

TEST DATE 8/19/07

SECTION-TOWN-RANGE 17-20S

STATE 13W

COUNTY BARTON

ELEVATION GROUND LEVEL 1886

COMPANY REPRESENTATIVE

LEASE AND WELL NUMBER D ROACH #1-17

FORMATION TESTED ARBUCKLE

DRILL STEM TEST NUMBER 7

REPORT NUMBER 15409

ELEVATION KELLY BUSHINGS 1891

TESTING ENGINEER GENE BUDIG

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3520

TEST INTERVAL (to) 3532

ANCHOR LENGTH 12

TOTAL DEPTH (ft) 3532

TOP PACKER DEPTH

BOTTOM PACKER DEPTH 3520

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 4:00

TOOL OPEN (to) 4:15

DURATION (min.) 15

INITIAL SHUT-IN

TOOL CLOSED (from) 4:15

TOOL CLOSED (to) 4:45

DURATION (min.) 30

FINAL OPEN

TOOL OPEN (from) 4:45

TOOL OPEN (to) 5:00

DURATION (min.) 15

FINAL SHUT-IN

TOOL CLOSED (from) 5:00

TOOL CLOSED (to) 5:30

DURATION (min.) 30

INITIAL FLOW

WEAK STEADY 1/2 INCH BLOW

FINAL FLOW

WEAK STEADY 1/2 INCH BLOW

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	D ROACH #1-17
TEST DATE	8/19/07	FORMATION TESTED	ARBUCKLE
SECTION-TOWN-RANGE	17-20S	DRILL STEM TEST NUMBER	7
STATE	13W	REPORT NUMBER	15409
COUNTY	BARTON	ELEVATION KELLY BUSHINGS	1891
ELEVATION GROUND LEVEL	1886	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE			

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	YES	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALI.	NO
		SAMPLER	NO
	15 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	3528	BOTTOM RECORDER DEPTH	3529
RECORDER NUMBER	91958	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	PETROMARK DRILLING RIG # 2		
DRILL PIPE LENGTH	3384	DRILL COLLAR LENGTH	1202
DRILL PIPE I.D.	3.8	DRILL COLLAR I.D.	2.25
TOOL JOINT SIZE	4 1/2 X.H.	TOOL JOINT SIZE	4 1/2 X.H.

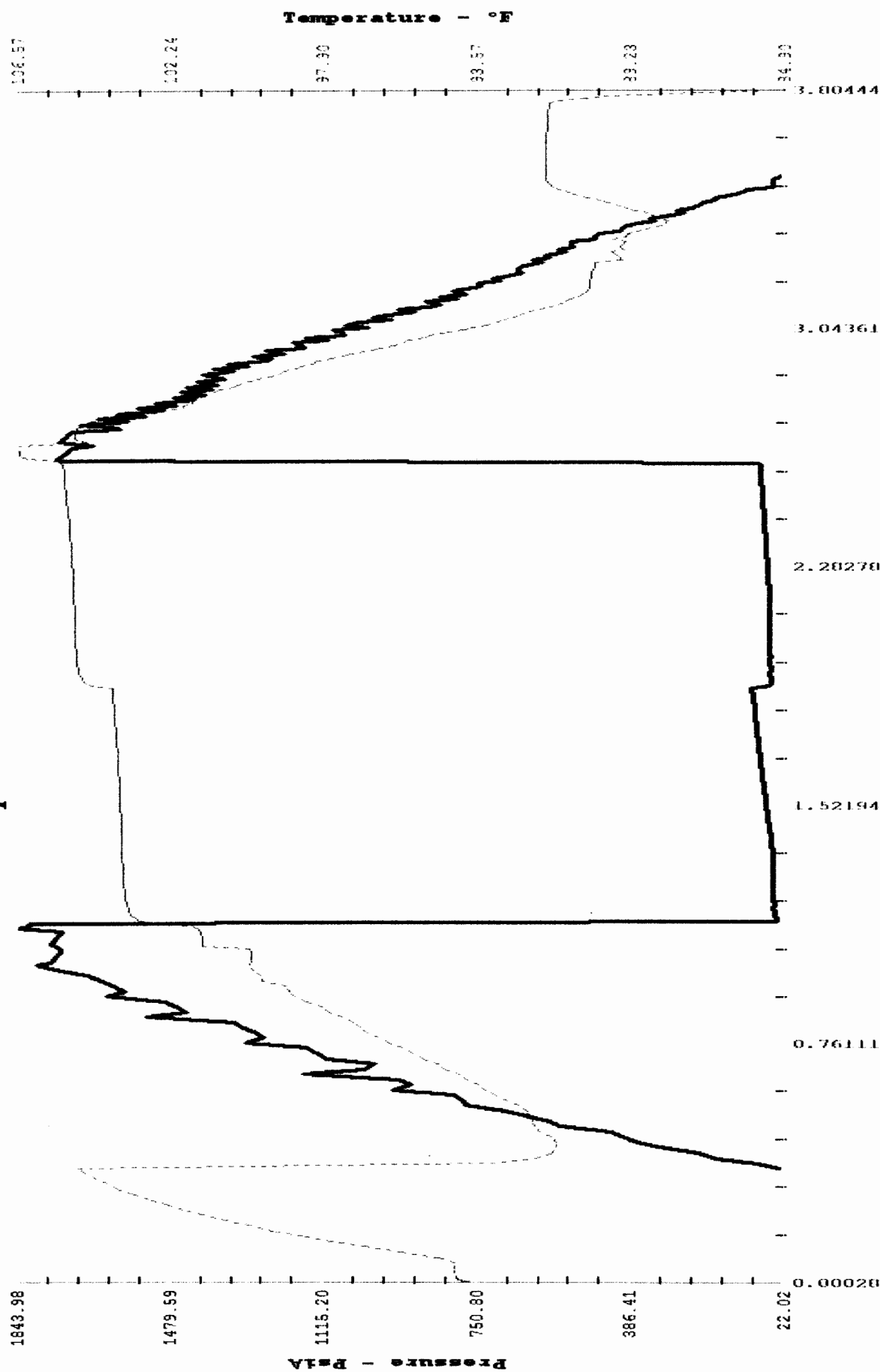
COMMENTS

Recovery Sample Description

Great Bend, Kansas 67530

[illegible]

Temperature / Pressure Data



(800) 792-6902

Initial Opening	133	P.S.I. to	88	P.S.I.	from	1:30 A m	to	1:45 A m	15	minutes
Initial Shut-in	854	P.S.I.		P.S.I.	from	1:45 A m	to	2:15 A m	30	minutes
Final Opening	94	P.S.I. to	93	P.S.I.	from	2:15 A m	to	2:30 A m	15	minutes
Final Shut-in	883	P.S.I.		P.S.I.	from	2:30 A m	to	3:00 A m	30	minutes

[illegible]

Tool Operator Gene Bullock Approved By 2

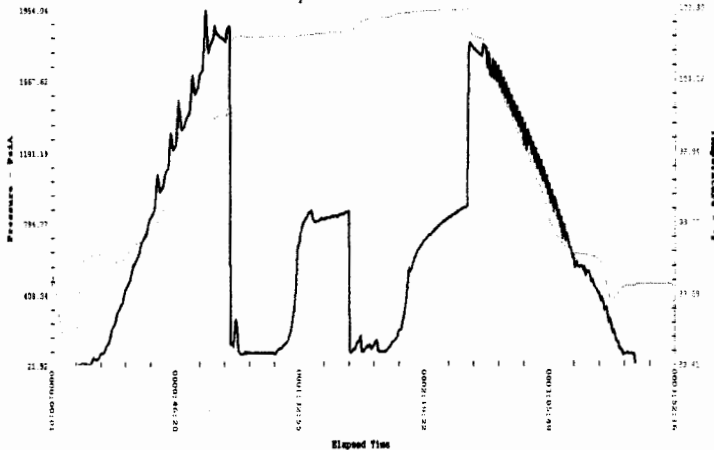
SUPERIOR TESTERS ENTERPRISES L.L.C.

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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Temperature / Pressure Data



1	Initial Hydrostatic Pressure	18576
2	Initial Flow Pressure	133
3	Final Initial Flow Pressure	88
4	Initial Shut-In Pressure	856
5	Initial Final Flow Pressure	94
6	Final Flow Pressure	93
7	Final Shut-In Pressure	883
8	Final Hydrostatic Pressure	1755

Maximum Temperature 109

GENERAL INFORMATION

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

TEST DATE 8/20/07

SECTION-TOWN-RANGE 17-20S-13W

STATE KANSAS

COUNTY BARTON

ELEVATION GROUND LEVEL 1886

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER D ROACH #1-17

FORMATION TESTED ARBUCKLE

DRILL STEM TEST NUMBER 8

REPORT NUMBER 15410

ELEVATION KELLY BUSHINGS 1891

TESTING ENGINEER GENE BUDIG

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3532

TEST INTERVAL (to) 3542

ANCHOR LENGTH 10

TOTAL DEPTH (ft) 3542

TOP PACKER DEPTH 3532

BOTTOM PACKER DEPTH 3532

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 1:30

TOOL OPEN (to) 1:45

DURATION (min.) 15

FINAL OPEN

TOOL OPEN (from) 2:15

TOOL OPEN (to) 2:30

DURATION (min.) 15

INITIAL SHUT-IN

TOOL CLOSED (from) 1:45

TOOL CLOSED (to) 2:15

DURATION (min.) 30

FINAL SHUT-IN

TOOL CLOSED (from) 2:30

TOOL CLOSED (to) 3:00

DURATION (min.) 30

INITIAL FLOW

WEAK STEADY 1/4 INCH SURFACE BLOW

FINAL FLOW

WEAK STEADY 1/4 INCH SURFACE BLOW

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. D ROACH #1-17 Test #: 8 Date: 08-20-2007 SEC. 17
TWP. 20S RGE. 13W

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	D ROACH #1-17
TEST DATE	8/20/07	FORMATION TESTED	ARBUCKLE
SECTION-TOWN-RANGE	17-20S-13W	DRILL STEM TEST NUMBER	8
STATE	KANSAS	REPORT NUMBER	15410
COUNTY	BARTON	ELEVATION KELLY BUSHINGS	1891
ELEVATION GROUND LEVEL	1886	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	BILL REE		

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
	20 MILES ROUND TRIP FROM	SAMPLER	NO
	GREAT BEND		
TOP RECORDER DEPTH	3538	BOTTOM RECORDER DEPTH	3539
RECORDER NUMBER	91958	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	PETROMARK DRILLING RIG #2		
DRILL PIPE LENGTH	3411	DRILL COLLAR LENGTH	120
DRILL PIPE I.D.	3.8	DRILL COLLAR I.D.	2.25
TOOL JOINT SIZE	4 1/2 X.H.	TOOL JOINT SIZE	4 1/2 X.H.

COMMENTS

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
								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							0.0000
	60		SLIGHTLY OIL AND GAS CUT MUD	5%	5%	90%	0%	0.2940
	60		OIL AND GAS CUT MUD	5%	20%	75%	0%	0.2940
								0.0000
								0.0000
								0.0000
								0.0000
Total Recovery	120	Feet	Total bbls. Recovered From Drill Pipe	0.0000	0.0000	0.0000	0.0000	Total
			Total bbls. Recovered From Drill Collars	0.0294	0.0735	0.4851	0.0000	bbls
			Total bbls Recovered	0.0294	0.0735	0.4851	0.0000	0.5880
				Gas	Oil	Mud	Water	
			Gravity Corrected					
MUD WEIGHT #/GAL			Resistivity		ohms @		Degrees	
VISCOSITY			Recovery Chlorides		ppm			
WATER LOSS			Pit Chlorides		ppm			
			4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D					
			D ROACH #1-17	17-20S-13W	08-20-2007	DST # 8 ARBUCKLE		
			F.G.HOLL COMPANY L.L.C.					

Temperature / Pressure Data



(800) 792-6902

Initial Opening	<u>37</u>	P.S.I. to	<u>51</u>	P.S.I.	from	<u>11:45 A</u>	m to	<u>11:45</u>	p m	<u>15</u>	minutes
Initial Shut-in	<u>1122</u>	P.S.I.		P.S.I.	from	<u>12:00</u>	p m to	<u>12:30</u>	p m	<u>30</u>	minutes
Final Opening	<u>61</u>	P.S.I. to	<u>71</u>	P.S.I.	from	<u>12:30</u>	p m to	<u>12:45</u>	p m	<u>15</u>	minutes
Final Shut-in	<u>1030</u>	P.S.I.		P.S.I.	from	<u>12:45</u>	p m to	<u>1:00</u>	p m	<u>30</u>	minutes

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

Extra Equipment-Jars None Safety Joint 405 Circulating Sub None Straddle None
Electronic Recorder No. 91958 Depth 3548 Extra Packer (3rd) None Hook Wall None
Bottom Recorder No. 4337 Depth 3549 Extra Packer (4th) None Sampler _____
Tool Operator Steve Bullock Approved By _____

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	F.G.HOLL COMPANY L.L.C.	LEASE AND WELL NUMBER	D ROACH #1-17
TEST DATE	8/20/07	FORMATION TESTED	ARBUCKLE
SECTION-TOWN-RANGE	17-20S-13W	DRILL STEM TEST NUMBER	9
STATE	KANSAS	REPORT NUMBER	15411
COUNTY	BARTON	ELEVATION KELLY BUSHINGS	1891
ELEVATION GROUND LEVEL	1886	TESTING ENGINEER	DAVID NICHOLS
COMPANY REPRESENTATIVE	BILL REE		

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
	18 MILES ROUND TRIP FROM	SAMPLER	NO
	GREAT BEND		
TOP RECORDER DEPTH	3548	BOTTOM RECORDER DEPTH	3549
RECORDER NUMBER	91958	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	PETROMARK DRILLING RIG #2		
DRILL PIPE LENGTH	3411	DRILL COLLAR LENGTH	120
DRILL PIPE I.D.	3.8	DRILL COLLAR I.D.	2.25
TOOL JOINT SIZE	4 1/2 X.H.	TOOL JOINT SIZE	4 1/2 X.H.

COMMENTS

Recovery Sample Description

Great Bend, Kansas 67530

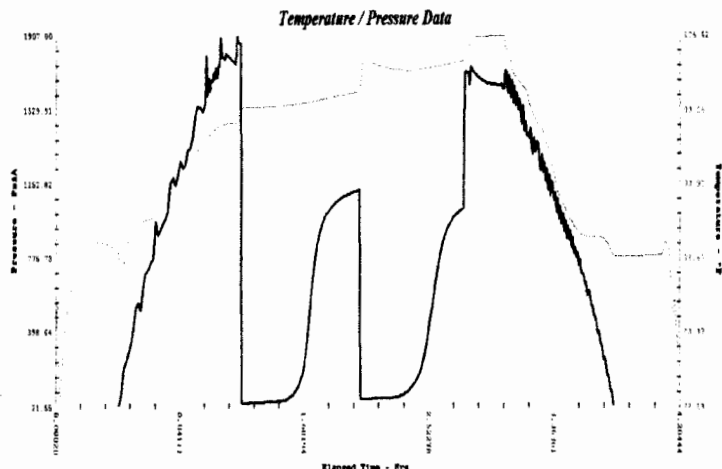
Drill Pipe	I.D.	Feet		Recovery Description For Drill Pipe	Gas	Oil	Mud	Water	Total bbls.
4 1/2	3.82								0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									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	70		drilling mud with a slight show of oil					0.3430
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Total Recovery		70	Feet	Total bbls. Recovered From Drill Pipe	0.0000	0.0000	0.0000	0.0000	Total
				Total bbls. Recovered From Drill Collars	0.0000	0.0000	0.0000	0.0000	bbls
				Total bbls Recovered	0.0000	0.0000	0.0000	0.0000	0.3430
					Gas	Oil	Mud	Water	
				Gravity Corrected					
MUD WEIGHT #/GAL				Resistivity		ohms @		Degrees	
VISCOSITY				Recovery Chlorides		ppm			
WATER LOSS				Pit Chlorides		ppm			
				4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D					
				D ROACH # 1-17	17-20S-13W	08-20-2007	DST # 9 ARBUCKLE		
				F.G.HOLL COMPANY L.L.C.					

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530



1	Initial Hydrostatic Pressure	1868
2	Initial Flow Pressure	37
3	Final Initial Flow Pressure	51
4	Initial Shut-In Pressure	1122
5	Initial Final Flow Pressure	61
6	Final Flow Pressure	71
7	Final Shut-In Pressure	1030
8	Final Hydrostatic Pressure	1725

Maximum Temperature 102

GENERAL INFORMATION

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

TEST DATE 8/20/07

SECTION-TOWN-RANGE 17-20S-13W

STATE KANSAS

COUNTY BARTON

ELEVATION GROUND LEVEL 1886

COMPANY REPRESENTATIVE BILL REE

LEASE AND WELL NUMBER D ROACH #1-17

FORMATION TESTED ARBUCKLE

DRILL STEM TEST NUMBER 9

REPORT NUMBER 15411

ELEVATION KELLY BUSHINGS 1891

TESTING ENGINEER DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3542

TEST INTERVAL (to) 3552

ANCHOR LENGTH 10

TOTAL DEPTH (ft) 3552

TOP PACKER DEPTH

BOTTOM PACKER DEPTH 3542

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 11:45

TOOL OPEN (to) 12:00

DURATION (min.) 15

INITIAL SHUT-IN

TOOL CLOSED (from) 12:00

TOOL CLOSED (to) 12:30

DURATION (min.) 30

FINAL OPEN

TOOL OPEN (from) 12:30

TOOL OPEN (to) 12:45

DURATION (min.) 15

FINAL SHUT-IN

TOOL CLOSED (from) 12:45

TOOL CLOSED (to) 1:15

DURATION (min.) 30

INITIAL FLOW

WEAK SURFACE BLOW THROUGH OUT

FINAL FLOW

WEAK SURFACE BLOW THROUGH OUT

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. D ROACH # 1-17 Test #: 9 Date: 08-20-2007 SEC. 17
TWP. 20S RGE. 13W

Temperature / Pressure Data

