

F.G. Holl Co.
Frame 'A' 1-10

10-305-13w
15-007-22685

Superior Testers Enterprises, Inc.

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

Date 11-7-2001 Location SW-SE-30 10-30-13 Elevation 1860.6L County Backe
 Company F.G. Holl Company LLC Number of Copies 5
 Charts Mailed to 6427 East Howard Rd. Box 780167 Wichita Kansas 67273-0167
 Drilling Contractor Steelinc Drilling Rig #4
 Length Drill Pipe 344 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X H
 Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE
 Length Drill Collars 249 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X H
 Top Packer Depth 3711 Bottom Packer Depth 3716 Number of Packers 2 Packer Size 6 3/4"
 TESTED FROM 3716 TO 3780 ANCHOR LENGTH 64 TOTAL DEPTH 3780 Hole Size 2 3/8"
 LEASE & WELL NO. Frame 'A' #1-10 FORMATION TESTED Taronto TEST NO. 1
 Mud Weight 9.9 Viscosity 39 Water Loss 12.4 Chlorides - Pits 6000 D.S.T. _____
 Maximum Temp. 114 °F Initial Hydrostatic Pressure (A) 1855 P.S.I. Final Hydrostatic Pressure (H) 1855 P.S.I.

Tool Open I.F.P. from 2:15 A.M. to 2:30 A.M. 15 min
 Tool Closed I.C.I.P. from 2:30 A.M. to 3:00 A.M. 30 min
 Tool Open F.F.P. from 3:00 A.M. to 3:15 A.M. 15 min
 Tool Closed F.C.I.P. from 3:15 A.M. to 3:45 A.M. 30 min
 Initial Blow Weak surface blow for 5 minutes & DIED
 Final Blow No blow

from [B] <u>55</u> P.S.I. to [C] <u>61</u> P.S.I.
[D] <u>980</u> P.S.I.
from [E] <u>63</u> P.S.I. to [F] <u>67</u> P.S.I.
[G] <u>762</u> P.S.I.

Total Feet Recovered 10 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 _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Remarks _____

Extra Equipment - Jars YES Safety Joint YES Extra Packer NONE Straddle NONE Hook Wall NONE
 Top Recorder No. 78225 Clock No. Electronic Depth 3773 Cir. Sub NONE Sampler NONE
 Bottom Recorder No. 47441 Clock No. 5463 Depth 3777 Insurance NONE

Price of Job _____
 Tool Operator Steve Buldy
 Approved By _____
 No 14030

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, of 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 INC.

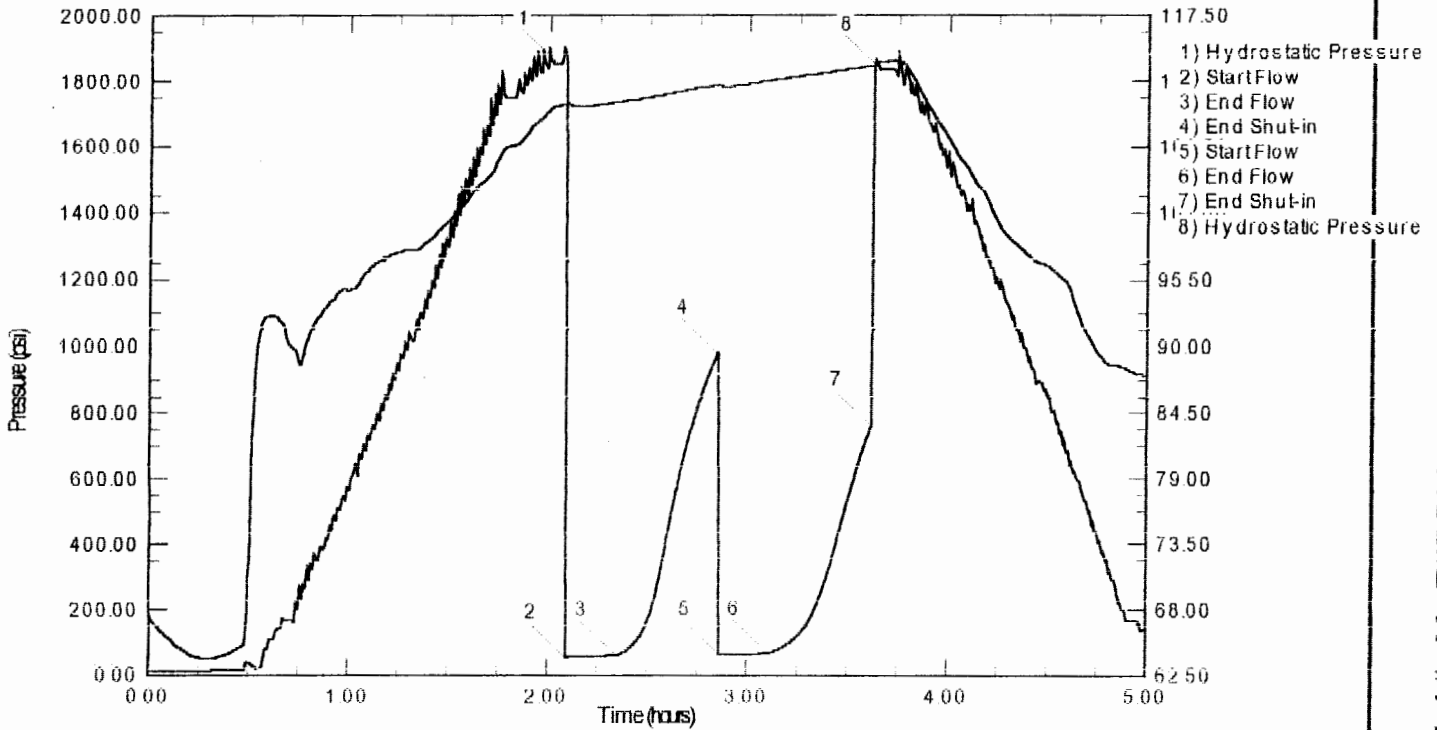
Great Bend, Kansas

CHART DATA

(316) 792-6902

State KANSAS
 County BARBER
 Field

Test Date November 7, 2001
 Sec Town Range 10-30S-13W
 Report Number 14030



Field Reading

(1)	Initial Hydrostatic Pressure	1855
(2)	Initial Flow Pressure	55
(3)	Final Initial Flow Pressure	61
(4)	Initial Shut-In Pressure	980
(5)	Initial Final Flow Pressure	63
(6)	Final Flow Pressure	67
(7)	Final Shut-In Pressure	762
(8)	Final Hydrostatic Pressure	1835

ELECTRONIC RECORDER DEPTH 3773 FT, RECORDER NUMBER 78225

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. FRAME "A" #1-10 Test #: 1 Date: 11-7-2001 SEC. 10 TWP. 30S
 RGE. 13W

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

GENERAL INFORMATION

COMPANY NAME	..... G.HOLL COMPANY L.L.C.	LEASE AND WELL NUMBER	..... FRAME "A" #1-10
TEST DATE	..... 11/7/01	FORMATION TESTED	..... TORONTO
SECTION-TOWN-RANGE	..... 10-30S-13W	DRILL STEM TEST NUMBER	..... 1
STATE	..... KANSAS	REPORT NUMBER	..... 14030
COUNTY	..... BARBER	ELEVATION KELLY BUSHINGS	..... 1869
ELEVATION GROUND LEVEL	..... 1860	TESTING ENGINEER	..... GENE BUDIG
COMPANY REPRESENTATIVE	..... KENT ROBERTS		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	..... 3716	TOP PACKER DEPTH	..... 3711
TEST INTERVAL (to)	..... 3780	BOTTOM PACKER DEPTH	..... 3716
ANCHOR LENGTH	..... 64	NUMBER OF PACKERS	..... 2
TOTAL DEPTH (ft)	..... 3780	PACKER SIZE	..... 6 3/4
		HOLE SIZE	..... 7 7/8

FLOW TIMES

<i>INITIAL OPEN</i>	
TOOL OPEN (from)	..... 2:15
TOOL OPEN (to)	..... 2:30
DURATION (min.)	..... 15
<i>INITIAL SHUT-IN</i>	
TOOL CLOSED (from)	..... 2:30
TOOL CLOSED (to)	..... 3:00
DURATION (min.)	..... 30
<i>FINAL OPEN</i>	
TOOL OPEN (from)	..... 3:00
TOOL OPEN (to)	..... 3:15
DURATION (min.)	..... 15
<i>FINAL SHUT-IN</i>	
TOOL CLOSED (from)	..... 3:15
TOOL CLOSED (to)	..... 3:45
DURATION (min.)	..... 30

PRESSURE READINGS

INITIAL HYDROSTATIC	..... 1856
INITIAL FLOW	..... 55
FINAL INITIAL FLOW	..... 61
INITIAL SHUT-IN	..... 980
INITIAL FINAL FLOW	..... 63
FINAL FLOW	..... 67
FINAL SHUT-IN	..... 762
FINAL HYDROSTATIC	..... 1835
MAXIMUM TEMPERATURE	..... 114
TOP RECORDER DEPTH	..... 3773
RECORDER NUMBER	..... 78226
BOTTOM RECORDER DEPTH	..... 3777
RECORDER NUMBER	..... 5463

INITIAL BLOW

VERY WEAK SURFACE BLOW FOR 5 MINUTES AND DIED

FINAL BLOW

NO BLOW

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

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR **STERLING DRILLING RIG #4**

DRILL PIPE LENGTH **3441**

DRILL PIPE I.D. **3.8**

TOOL JOINT SIZE **4 1/2 X.H.**

DRILL COLLAR LENGTH **249**

DRILL COLLAR I.D. **2.25**

TOOL JOINT SIZE **4 1/2 X.H.**

WEIGHT PIPE LENGTH

WEIGHT PIPE I.D. **2.25**

TOOL JOINT SIZE **4 1/2 X.H.**

MUD WEIGHT #/GAL **9.5**

VISCOSITY **39**

WATER LOSS **12**

CHLORIDES-PITS **6000**

CHLORIDES-DST

FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1) 10	DRILLING MUD				
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					

TOTAL RECOVERY

COMMENTS

Superior Testers Enterprises, Inc.

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

(316) 792-6902

1869KLB

Date 11-9-01 Location SW-E-51 10-30-13 Elevation 1860GL County Barber

Company F.C. Hall Company L.L.C. Number of Copies 5

Charts Mailed to 6427 East Kellogg P.O. Box 780167 Wichita Kansas 67278-0167

Drilling Contractor Sterling Drilling Rig #4

Length Drill Pipe 4095 I.D. Drill Pipe 380 Tool Joint Size 4 1/2" X 11

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

Length Drill Collars 249 I.D. Drill Collars 225 Tool Joint Size 4 1/2" X 11

Top Packer Depth 4365 Bottom Packer Depth 4370 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4370 TO 4460 ANCHOR LENGTH 90 TOTAL DEPTH 4460 Hole Size 7 1/8"

EASE & WELL NO. FRAME "A" #1-10 FORMATION TESTED Kinlochark TEST NO. 2

Mud Weight 9.4 Viscosity 42 Water Loss 8.5 Chlorides - Pits 5000 D.S.T. _____

Maximum Temp. 128 °F Initial Hydrostatic Pressure (A) 2216 P.S.I. Final Hydrostatic Pressure (H) 216 P.S.I.

Tool Open I.F.P. from 4:45 AM to 5:15 AM 30 min
 Tool Closed I.C.I.P. from 5:15 AM to 6:15 AM 60 min
 Tool Open F.F.P. from 6:15 AM to 7:15 AM 60 min
 Tool Closed F.C.I.P. from 7:15 AM to 8:45 AM 90 min

from [B] 120 P.S.I. to [C] 213 P.S.I.
 [D] 588 P.S.I.
 from [E] 253 P.S.I. to [F] 252 P.S.I.
 [G] 475 P.S.I.

Initial Blow WEAK building blow built to the bottom of a 5 Gallon bucket in 227

Final Blow Fair blow built to the bottom of a 5 Gallon bucket in 7 min decreased to

Total Feet Recovered 460 Gravity of Oil _____ Corrected _____

1050 Feet of	Gas in the Pipe	%	Gas	%	Oil	%	Mud	%	Water
190 Feet of	VERY SLIGHTLY O.I.F Gas cut mud	5	% Gas	5	% Oil	90	% Mud	0	% Water
90 Feet of	muddy Gassy O.I	15	% Gas	50	% Oil	35	% Mud	0	% Water
180 Feet of	muddy Gassy O.I	15	% Gas	55	% Oil	30	% 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 NONE Safety Joint YES Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 78225 Clock No. Electronic Depth 4453 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 4744 Depth 4451 Insurance NONE

Price of Job _____

Tool Operator Steve Buldy

Approved By _____
 No 14031

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SUPERIOR TESTERS ENTERPRISES INC.

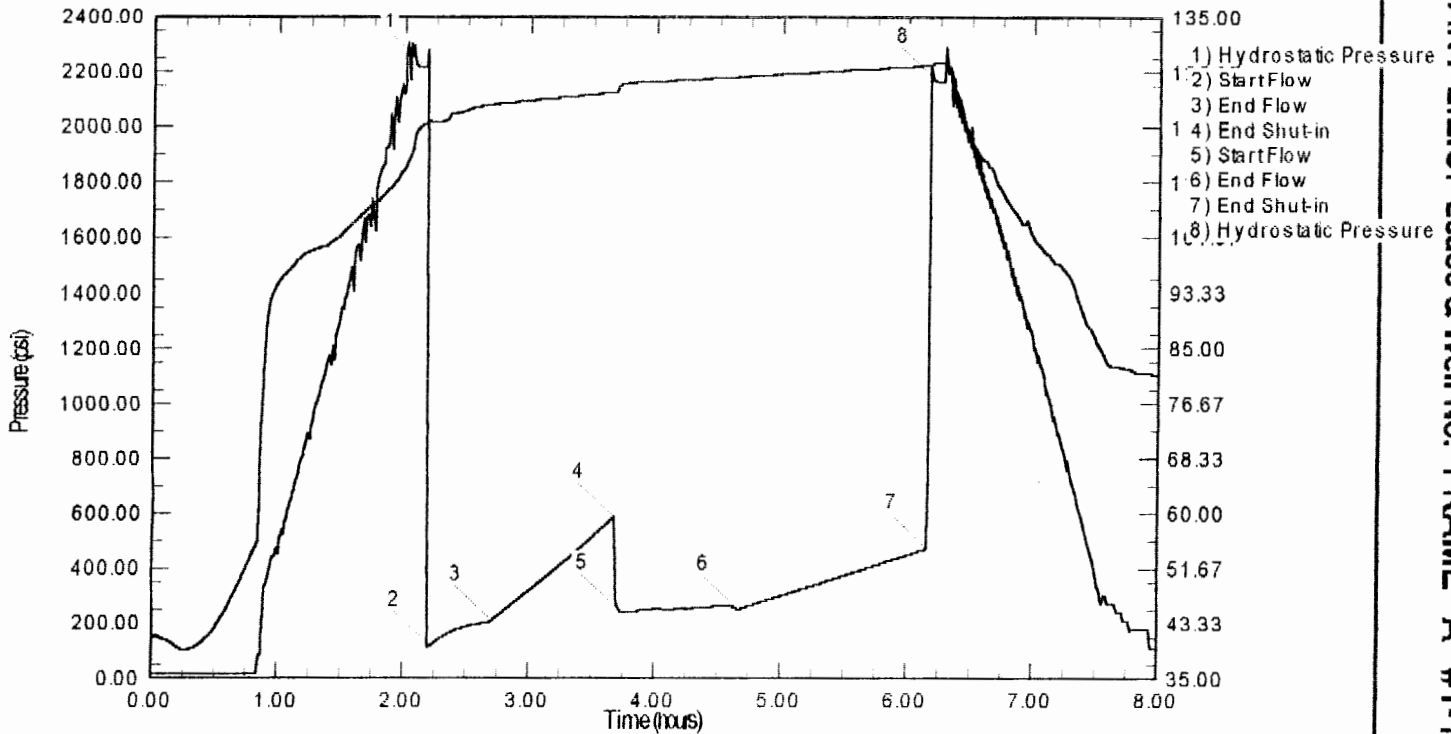
Great Bend, Kansas

CHART DATA

(316) 792-6902

State KANSAS
 County BARBER
 Field

Test Date November 9, 2001
 Sec Town Range 10-30S-13W
 Report Number 14032



Field Reading

(1)	Initial Hydrostatic Pressure	2216
(2)	Initial Flow Pressure	120
(3)	Final Initial Flow Pressure	213
(4)	Initial Shut-In Pressure	588
(5)	Initial Final Flow Pressure	253
(6)	Final Flow Pressure	252
(7)	Final Shut-In Pressure	475
(8)	Final Hydrostatic Pressure	2165

ELECTRONIC RECORDER DEPTH 4453 FT, RECORDER NUMBER 78225

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. FRAME "A" #1-10 Test #: 2 Date: 11-9-2001 SEC. 10 TWP. 30S
 RGE. 13W

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

GENERAL INFORMATION

COMPANY NAME	..... G.HOLL COMPANY L.L.C.	LEASE AND WELL NUMBER	..... FRAME "A" #1-10
TEST DATE	..... 11/9/01	FORMATION TESTED	..... KINDERHOOK
SECTION-TOWN-RANGE	..... 10-30S-13W	DRILL STEM TEST NUMBER	..... 2
STATE	..... KANSAS	REPORT NUMBER	..... 14032
COUNTY	..... BARBER	ELEVATION KELLY BUSHINGS	..... 1869
VARIATION GROUND LEVEL	..... 1860	TESTING ENGINEER	..... GENE BUDIG
COMPANY REPRESENTATIVE	..... KENT ROBERTS		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	..... 4370	TOP PACKER DEPTH	..... 4365
TEST INTERVAL (to)	..... 4460	BOTTOM PACKER DEPTH	..... 4370
ANCHOR LENGTH	..... 90	NUMBER OF PACKERS	..... 2
TOTAL DEPTH (ft)	..... 4460	PACKER SIZE	..... 6 3/4
		HOLE SIZE	..... 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from)	..... 4:45
TOOL OPEN (to)	..... 5:15
DURATION (min.)	..... 30

INITIAL SHUT-IN

TOOL CLOSED (from)	..... 5:15
TOOL CLOSED (to)	..... 6:15
DURATION (min.)	..... 60

FINAL OPEN

TOOL OPEN (from)	..... 6:15
TOOL OPEN (to)	..... 7:15
DURATION (min.)	..... 60

FINAL SHUT-IN

TOOL CLOSED (from)	..... 7:15
TOOL CLOSED (to)	..... 8:45
DURATION (min.)	..... 90

PRESSURE READINGS

INITIAL HYDROSTATIC	..... 2216
INITIAL FLOW	..... 120
FINAL INITIAL FLOW	..... 213
INITIAL SHUT-IN	..... 588
INITIAL FINAL FLOW	..... 253
FINAL FLOW	..... 252
FINAL SHUT-IN	..... 475
FINAL HYDROSTATIC	..... 2165
MAXIMUM TEMPERATURE	..... 128
TOP RECORDER DEPTH	..... 4453
RECORDER NUMBER	..... 78226
BOTTOM RECORDER DEPTH	..... 4457
RECORDER NUMBER	..... 5463

INITIAL BLOW

WEAK BUILDING BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 27 MINUTES

FINAL BLOW

FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 7 MINUTES AND DECREASED TO A WEAK BUILDING BLOW

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

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR **STERLING DRILLING RIG #4**

DRILL PIPE LENGTH **4095**

DRILL PIPE I.D. **3.8**

TOOL JOINT SIZE **4 1/2 X.H.**

DRILL COLLAR LENGTH **249**

DRILL COLLAR I.D. **2.25**

TOOL JOINT SIZE **4 1/2 X.H.**

WEIGHT PIPE LENGTH

WEIGHT PIPE I.D. **2.25**

TOOL JOINT SIZE **4 1/2 X.H.**

MUD WEIGHT #/GAL **9.4+**

VISCOSITY **42**

WATER LOSS **8.8**

CHLORIDES-PITS **5000**

CHLORIDES-DST

FEET OF RECOVERY		RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	1050	GAS IN THE PIPE	100			
2)	190	VERY SLIGHTLY OIL AND GAS CUT MUD	5	5	90	0
3)	89	MUDDY GASSY OIL	15	50	35	0
4)	180	MUDDY GASSY OIL	15	55	35	0
5)						
6)						
7)						
8)						
9)						
10)						
11)						
12)						
13)						
14)						
15)						

TOTAL RECOVERY

COMMENTS

Superior Testers Enterprises, Inc.

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

(316) 792-6902

11-10-01 Location Shu 9 1/2 Shu 10 30 13 Elevation 1869 K.B County Baker
 Company F.G. Hall Company L.L.C. Number of Copies 5
 Tests Mailed to 6427 East Kellogg Rd. Box 78016 Wichita Kansas 67278-0167
 Logging Contractor Starline Drilling Rig #4
 1st Drill Pipe 4271 I.D. Drill Pipe 3.30 Tool Joint Size 4 1/2" X 14
 2nd Drill Pipe NONE I.D. Drill Pipe NONE Tool Joint Size NONE
 3rd Drill Pipe 249 I.D. Drill Pipe 2.25 Tool Joint Size 4 1/2" X 14
 Packer Depth 4541 Bottom Packer Depth 4546 Number of Packers 2 Packer Size 6 3/4"
 TESTED FROM 4546 TO 4594 ANCHOR LENGTH 48 TOTAL DEPTH 4594 Hole Size 7 1/8"
 SE & WELL NO. Frams "A" #1-10 FORMATION TESTED Viola TEST NO. 3
 Mud Weight 9.65 Viscosity 58 Water Loss 8.8 Chlorides - Pits 5000 D.S.T. _____
 Maximum Temp. 129 °F Initial Hydrostatic Pressure (A) 224 P.S.I. Final Hydrostatic Pressure (H) 2225 P.S.I.

1st Open I.F.P. from 3:00 a.m. to 3:30 a.m. 30 min
 1st Closed I.C.I.P. from 3:30 a.m. to 4:30 a.m. 60 min
 2nd Open F.F.P. from 4:30 a.m. to 5:00 a.m. 30 min
 2nd Closed F.C.I.P. from 5:00 a.m. to 6:00 a.m. 60 min

from [B] <u>65</u> P.S.I. to [C] <u>94</u> P.S.I.
[D] <u>230</u> P.S.I.
from [E] <u>124</u> P.S.I. to [F] <u>153</u> P.S.I.
[G] <u>224</u> P.S.I.

Special Blow Very weak building down bit to 2 inches DECREASED to 2 inch Blow
 Final Blow Very weak blow for 7 minutes & DIED - Flushed tank - Coil surge - no help
 Total Feet Recovered 180 Gravity of Oil _____ Corrected

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

Remarks _____

Extra Equipment - Jars NONE Safety Joint 406 Extra Packer NONE Straddle NONE Hook Wall NONE
 Log Recorder No. 78225 Clock No. Electronic Depth 4547 Cir. Sub NONE Sampler NONE
 Bottom Recorder No. 5463 Clock No. 41441 Depth 4891 Insurance NONE

Title of Job _____
 Tool Operator Don Rudy
 Approved By _____
 No 14032

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SUPERIOR TESTERS ENTERPRISES INC.

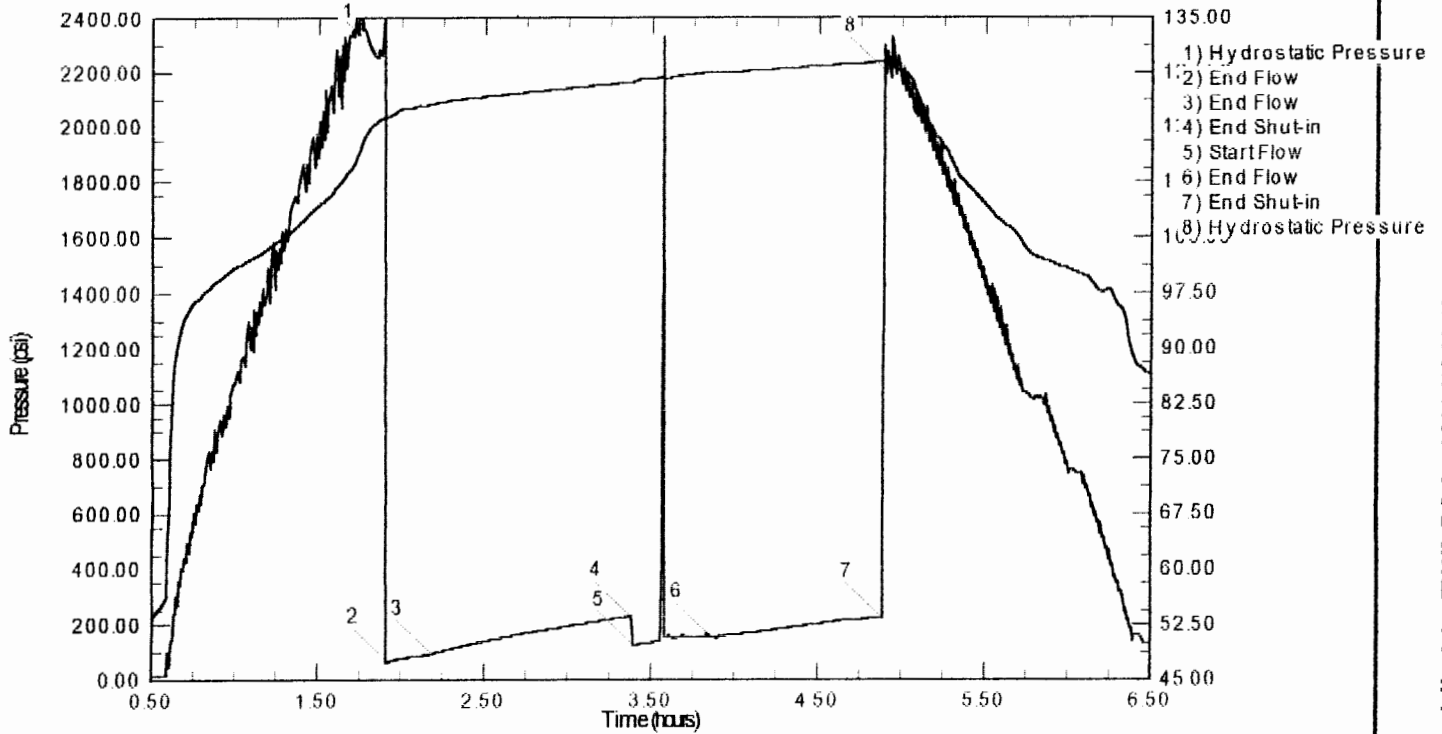
Great Bend, Kansas

CHART DATA

(316) 792-6902

State KANSAS
 County BARBER
 Field

Test Date November 10, 2001
 Sec Town Range 10-30S-13W
 Report Number 14032



Field Reading

(1)	Initial Hydrostatic Pressure	2261
(2)	Initial Flow Pressure	65
(3)	Final Initial Flow Pressure	74
(4)	Initial Shut-In Pressure	230
(5)	Initial Final Flow Pressure	124
(6)	Final Flow Pressure	153
(7)	Final Shut-In Pressure	224
(8)	Final Hydrostatic Pressure	2203

ELECTRONIC RECORDER DEPTH 4587 FT, RECORDER NUMBER 78225

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. FRAME "A" #1-10 Test #: 3 Date: 11-10-2001 SEC. 10 TWP. 30E
 RGE. 13W

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

GENERAL INFORMATION

COMPANY NAME	F.G.HOLL COMPANY L.L.C.	LEASE AND WELL NUMBER	FRAME "A" #1-10
TEST DATE	11/10/01	FORMATION TESTED	VIOLA
SECTION-TOWN-RANGE	10-30S-13W	DRILL STEM TEST NUMBER	3
STATE	KANSAS	REPORT NUMBER	14032
COUNTY	BARBER	ELEVATION KELLY BUSHINGS	1869
ELEVATION GROUND LEVEL	1860	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	KENT ROBERTS		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	4546	TOP PACKER DEPTH	4541
TEST INTERVAL (to)	4594	BOTTOM PACKER DEPTH	4546
ANCHOR LENGTH	48	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	4694	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

<i>INITIAL OPEN</i>	
TOOL OPEN (from)	3:00
TOOL OPEN (to)	3:30
DURATION (min.)	30
<i>INITIAL SHUT-IN</i>	
TOOL CLOSED (from)	3:30
TOOL CLOSED (to)	4:30
DURATION (min.)	60
<i>FINAL OPEN</i>	
TOOL OPEN (from)	4:30
TOOL OPEN (to)	5:00
DURATION (min.)	30
<i>FINAL SHUT-IN</i>	
TOOL CLOSED (from)	5:00
TOOL CLOSED (to)	6:00
DURATION (min.)	60

PRESSURE READINGS

INITIAL HYDROSTATIC	2261
INITIAL FLOW	65
FINAL INITIAL FLOW	74
INITIAL SHUT-IN	230
INITIAL FINAL FLOW	124
FINAL FLOW	163
FINAL SHUT-IN	224
FINAL HYDROSTATIC	2203
MAXIMUM TEMPERATURE	129
TOP RECORDER DEPTH	4587
RECORDER NUMBER	78226
BOTTOM RECORDER DEPTH	4591
RECORDER NUMBER	5463

INITIAL BLOW

VERY WEAK BUILDING BLOW BUILT TO 2 INCHES AND DECREASED TO A 1/4 INCH BLOW

FINAL BLOW

VERY WEAK BLOW FOR 7 MINUTES AND DIED-FLUSHED TOOL-GOOD SURGE NO HELP

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

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR **STERLING DRILLING RI #4**

DRILL PIPE LENGTH **4271**

DRILL PIPE I.D. **3.8**

TOOL JOINT SIZE **4 1/2 X.H.**

DRILL COLLAR LENGTH **249**

DRILL COLLAR I.D. **2.25**

TOOL JOINT SIZE **4 1/2 X.H.**

WEIGHT PIPE LENGTH

WEIGHT PIPE I.D. **2.25**

TOOL JOINT SIZE **4 1/2 X.H.**

MUD WEIGHT #/GAL **9.6+**

VISCOSITY **58**

WATER LOSS **8.8**

CHLORIDES-PITS **5000**

CHLORIDES-DST

FEET OF RECOVERY		RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	180	DRILLING MUD				
2)						
3)						
4)						
5)						
6)						
7)						
8)						
9)						
10)						
11)						
12)						
13)						
14)						
15)						

TOTAL RECOVERY

COMMENTS