

15-007-22673

10-30s-14w

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

Page 1 of 2 Pages

Company F. G. Holl Company, LLC Lease & Well No. Hicks-Johnson No. 1-10
Elevation 1969 KB Formation Langdon Sand Effective Pay -- Ft. Ticket No. 1589
Date 9-1-01 Sec. 10 Twp. 30S Range 14W County Barber State Kansas

Test Approved By Bill Ree Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 3,031 ft. to 3,071 ft. Total Depth 3,071 ft.

Packer Depth 3,026 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,031 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3.034 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,068 ft. Recorder Number 13387 Cap. 4,000 psi

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Sterling Drilling Co. - Rig 4 Drill Collar Length 249 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 44 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 11.2 cc. Drill Pipe Length 2,756 ft. I.D. 3 1/2 in.

Chlorides 8,500 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number 1 Anchor Length 40 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow 1st Open: Fair, 2 in., blow increasing to 9 1/2 ins. No blow back during shut-in.

2nd Open: Weak, 1/4 in., blow increasing to 7 1/2 ins. No blow back during shut-in.

Recovered 78 ft. of drilling mud = .383760 bbls.

Recovered 62 ft. of watery mud = .305040 bbls. (Grind out: 30%-water; 70%-mud)

Recovered 124 ft. of muddy water = .647280 bbls. (Grind out: 40%-mud; 60%-water)

Recovered 264 ft. of TOTAL FLUID = 1.336080 bbls.

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 11:09 ~~AM~~ P.M. Time Started Off Bottom 12:54 ~~PM~~ A.M. Maximum Temperature 99°

Initial Hydrostatic Pressure (A) 1428 P.S.I.

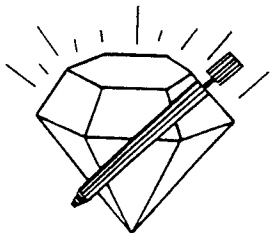
Initial Flow Period Minutes 15 (B) 26 P.S.I. to (C) 74 P.S.I.

Initial Closed In Period Minutes 30 (D) 1078 P.S.I.

Final Flow Period Minutes 30 (E) 85 P.S.I. to (F) 140 P.S.I.

Final Closed In Period Minutes 30 (G) 1064 P.S.I.

Final Hydrostatic Pressure (H) 1429 P.S.I.



DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

Page 2 of 2 Pages

FLUID SAMPLE DATA

Company F. G. Holl Company, LLC
Lease & Well No. Hicks-Johnson No. 1-10
Date 9-1-01 Sec. 10 Twp. 30 S Range 14 W
Formation Test No. 1 Interval Tested From 3,031 ft. to 3,071 ft. Total Depth 3,071 ft.
Formation Langdon Sand

	<u>MUD PIT</u>	<u>RECOVERY</u>	
Viscosity	<u>44</u> CP	<u>42</u> CP	
Weight	<u>9.2</u>	<u>9.1</u>	
Water Loss	<u>11.2</u> CC	<u>12.0</u> CC	
PH Factor	<u>11.0</u>	<u>10.0</u>	Water <u>8.5</u>

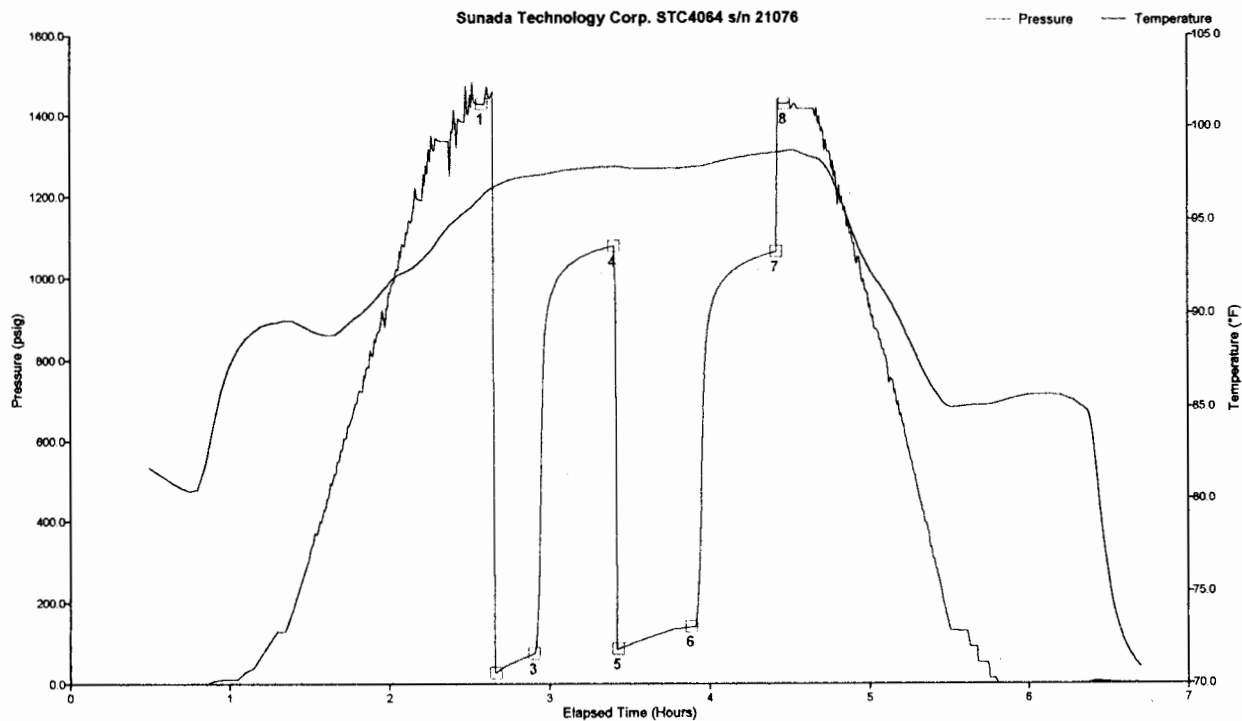
	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>.10</u> @ <u>72</u> °F.	<u>75,000</u> ppm
Recovery Mud	<u>.54</u> @ <u>67</u> °F.	<u>12,000</u> ppm
Recovery Mud Filtrate	<u>.58</u> @ <u>70</u> °F.	<u>10,500</u> ppm
Mud Pit Sample	<u>.52</u> @ <u>72</u> °F.	<u>11,000</u> ppm
Mud Pit Sample Filtrate	<u>.56</u> @ <u>74</u> °F.	<u>10,000</u> ppm

Sample Taken By ROGER D. FRIEDLY

Witness By Bill Ree

Remarks Pit filtrate triton dish chlorides were 8,500 Ppm.
Recovery filtrate triton dish chlorides were 9,500 Ppm.
Recovery water dish chlorides were 60,000 Ppm.

Well LSD: DST #1 LANGDON SD 3031'-3071'
 Well Name: HICKS-JOHNSON 1-10
 Company: F G HOLL
 Battery on: Sep 1, 2001 at 20:30:00
 Notes: REC 78' DM, 62' WM, 124' MW



Tag	Pressure	Temperature	Comment
1	1428.28 psig	96.29 °F	2001-09-01 23:05:00
2	25.70 psig	96.83 °F	2001-09-01 23:10:00
3	74.44 psig	97.40 °F	2001-09-01 23:24:30
4	1077.85 psig	97.90 °F	2001-09-01 23:54:30
5	85.19 psig	97.88 °F	2001-09-01 23:56:00
6	139.89 psig	97.85 °F	2001-09-02 00:23:30
7	1063.57 psig	98.65 °F	2001-09-02 00:55:30
8	1429.30 psig	98.71 °F	2001-09-02 00:58:30

DST # 1 outside 13387 3031-3071
 Clock 13392 Langelor SD 100 3068



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	1428	1428
(B) First Initial Flow Pressure.....	26	26
(C) First Final Flow Pressure	74	74
(D) Initial Closed-in Pressure	1078	1078
(E) Second Initial Flow Pressure.....	85	85
(F) Second Final Flow Pressure.....	140	140
(G) Final Closed-in Pressure.....	1064	1064
(H) Final Hydrostatic Mud.....	1429	1429

RECEIVED
 KANSAS CORPORATION COMMISSION

MAR 25 2003

CONSERVATION DIVISION
 WICHITA, KS

Superior Testers Enterprises, Inc.

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

(316) 792-6902

1969 H.B.

Date 9-2-2001 Location N 1/2 - 1/4 10-30 - 14 W Elevation 1960 G.L. County Barber

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

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

Drilling Contractor Steeling Drilling Rig #4

Length Drill Pipe 2806 I.D. Drill Pipe 3.80 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 2.25 Tool Joint Size 4 1/2 X 11

Top Packer Depth 3071 Bottom Packer Depth 3076 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3076 TO 3128 ANCHOR LENGTH 52 TOTAL DEPTH 3128 Hole Size 2 7/8

EASE & WELL NO. Hicks-Johnson #1-10 FORMATION TESTED LAWSON SAND TEST NO. 2

Aud Weight 8.9 Viscosity 44 Water Loss 10.8 Chlorides - Pits 6000 D.S.T. 82000

Maximum Temp. 99 °F Initial Hydrostatic Pressure (A) 1499 P.S.I. Final Hydrostatic Pressure (H) 1495 P.S.I.

Tool Open I.F.P. from 11:00 A.M. to 11:15 A.M. 15 min

Tool Closed I.C.I.P. from 11:15 A.M. to 11:45 A.M. 30 min

Tool Open F.F.P. from 11:45 A.M. to 12:00 P.M. 15 min

Tool Closed F.C.I.P. from 12:00 P.M. to 12:30 P.M. 30 min

Initial Blow Fair blow built to the bottom of a 5 Gallon Bucket in 1 minute

Final Blow Fair blow built to the bottom of a 5 Gallon Bucket in 1 1/2 minutes

Total Feet Recovered 1950 Gravity of Oil _____ Corrected _____

450 Feet of Muddy water % Gas _____ % Oil _____ % Mud _____ % Water _____

1500 Feet of Water Chlorides 82000 % 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. 28225 Clock No. 28225 Depth 3121 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 47441 Depth 2125 Insurance NONE

Price of Job _____

Tool Operator Sam Budo

Approved By _____

NO 12047

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 INC.

Great Bend, Kansas

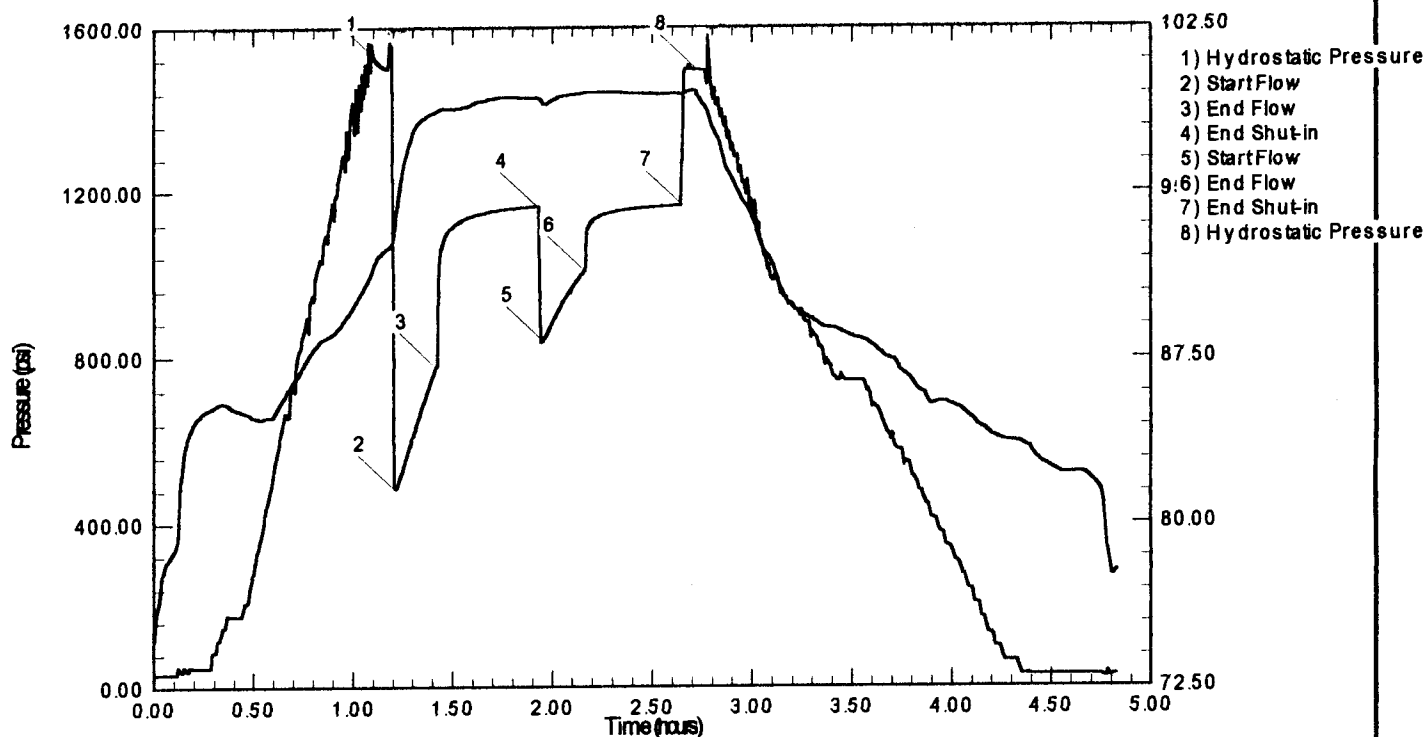
CHART DATA

(316) 792-6902

State KANSAS
County BARBER
Field

Test Date September 2, 2001
Sec Town Range 10-30S-14W
Report Number 12047

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. HICKS-JOHNSON #1-10 Test #: 2 Date: 9-2-2001 SEC. 10
TWP. 30S RGE. 14W



Field Reading

(1)	Initial Hydrostatic Pressure	1499
(2)	Initial Flow Pressure	485
(3)	Final Initial Flow Pressure	776
(4)	Initial Shut-In Pressure	1164
(5)	Initial Final Flow Pressure	839
(6)	Final Flow Pressure	1008
(7)	Final Shut-In Pressure	1166
(8)	Final Hydrostatic Pressure	1495

RECEIVED
KANSAS CORPORATION COMMISSION

MAR 25 2003

CONSERVATION DIVISION
WICHITA, KS

ELECTRONIC RECORDER DEPTH 3121 FT, RECORDER NUMBER 78225

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	HICKS-JOHNSON #1-10
TEST DATE	9/2/01	FORMATION TESTED	LANGDON SAND
SECTION-TOWN-RANGE	10-30S-14W	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	12047
COUNTY	BARBER	ELEVATION KELLY BUSHINGS	1969
ELEVATION GROUND LEVEL	1960	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	BILL REA		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	3076	TOP PACKER DEPTH	3071
TEST INTERVAL (to)	3128	BOTTOM PACKER DEPTH	3076
ANCHOR LENGTH	52	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	3128	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from)

TOOL OPEN (to)

DURATION (min.)

INITIAL SHUT-IN

TOOL CLOSED (from)

TOOL CLOSED (to)

DURATION (min.)

FINAL OPEN

TOOL OPEN (from)

TOOL OPEN (to)

DURATION (min.)

FINAL SHUT-IN

TOOL CLOSED (from)

TOOL CLOSED (to)

DURATION (min.)

PRESSURE READINGS

INITIAL HYDROSTATIC

INITIAL FLOW

FINAL INITIAL FLOW

INITIAL SHUT-IN

INITIAL FINAL FLOW

FINAL FLOW

FINAL SHUT-IN

FINAL HYDROSTATIC

MAXIMUM TEMPERATURE

TOP RECORDER DEPTH

RECORDER NUMBER

BOTTOM RECORDER DEPTH

RECORDER NUMBER

INITIAL BLOW

FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 1 MINUTE

FINAL BLOW

FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 1 1/2 MINUTE

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 **2806**

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 **8.9**

VISCOSITY **44**

WATER LOSS **10.8**

CHLORIDES-PITS **6000**

CHLORIDES-DST **82000**

FEET OF RECOVERY		RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	450	MUDDY WATER				
2)	1500	WATER CHLOIDES 82000				
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

Date 9-3-01 Location N¹/₂-N¹/₂-N¹/₄ 10²30⁵14^W Elevation 1969 K.B. County Barber

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

Charts Mailed to 16427 East Yellow P.O. Box 780167 Wichita, Kansas 67228-0167

Drilling Contractor Sterling Drilling & Co. Inc.

Length Drill Pipe 3020 I.D. Drill Pipe 3.80 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 2.25 Tool Joint Size 4 1/2" X 11

Top Packer Depth 3285 Bottom Packer Depth 3290 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3290 TO 3326 ANCHOR LENGTH 36 TOTAL DEPTH 3326 Hole Size 7 7/8"

EASE & WELL NO. Hicks Johnson #1-10 FORMATION TESTED Surveys TEST NO. 3

Mud Weight 9.4 Viscosity 46 Water Loss 11.3 Chlorides - Pits 8600 D.S.T. 24000

Maximum Temp. 100 Initial Hydrostatic Pressure (A) 1656 P.S.I. Final Hydrostatic Pressure (H) 1613 P.S.I.

Tool Open I.F.P. from 8:00 A.m to 8:15 A.m 30 min

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

Tool Open F.F.P. from 8:45 A.m to 9:00 A.m 15 min

Tool Closed F.C.I.P. from 9:00 A.m to 9:30 A.m 30 min

Initial Blow FAIR blow built to the bottom of a 5 gallon bucket in 4 minutes

Final Blow WEAK blow built to 10 inches into the water

Total Feet Recovered _____ Gravity of Oil _____ Corrected

400 Feet of Gas in the Pipe % Gas _____ % Oil _____ % Mud _____ % Water _____

40 Feet of Watery mud with a slight show of gas % Gas 1 % Oil _____ % Mud _____ % Water _____

60 Feet of Oil & Gas cut muddy water % Gas 5 % Oil 25 % Mud 40 % Water 30

60 Feet of Oil & Gas cut muddy water % Gas 10 % Oil 40 % Mud 15 % Water 35

_____ 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 48 Safety Joint 100 Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 78225 Clock No. Electric Depth 3320 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 4241 Clock No. 42415463 Depth 3323 Insurance NONE

Price of Job _____

Tool Operator Steve Smith

Approved By _____

12048

from [B]	<u>82</u>	P.S.I. to [C]	<u>499</u>	P.S.I.
[D]	<u>117</u>	P.S.I. to [F]	<u>132</u>	P.S.I.
[G]	<u>426</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 INC.

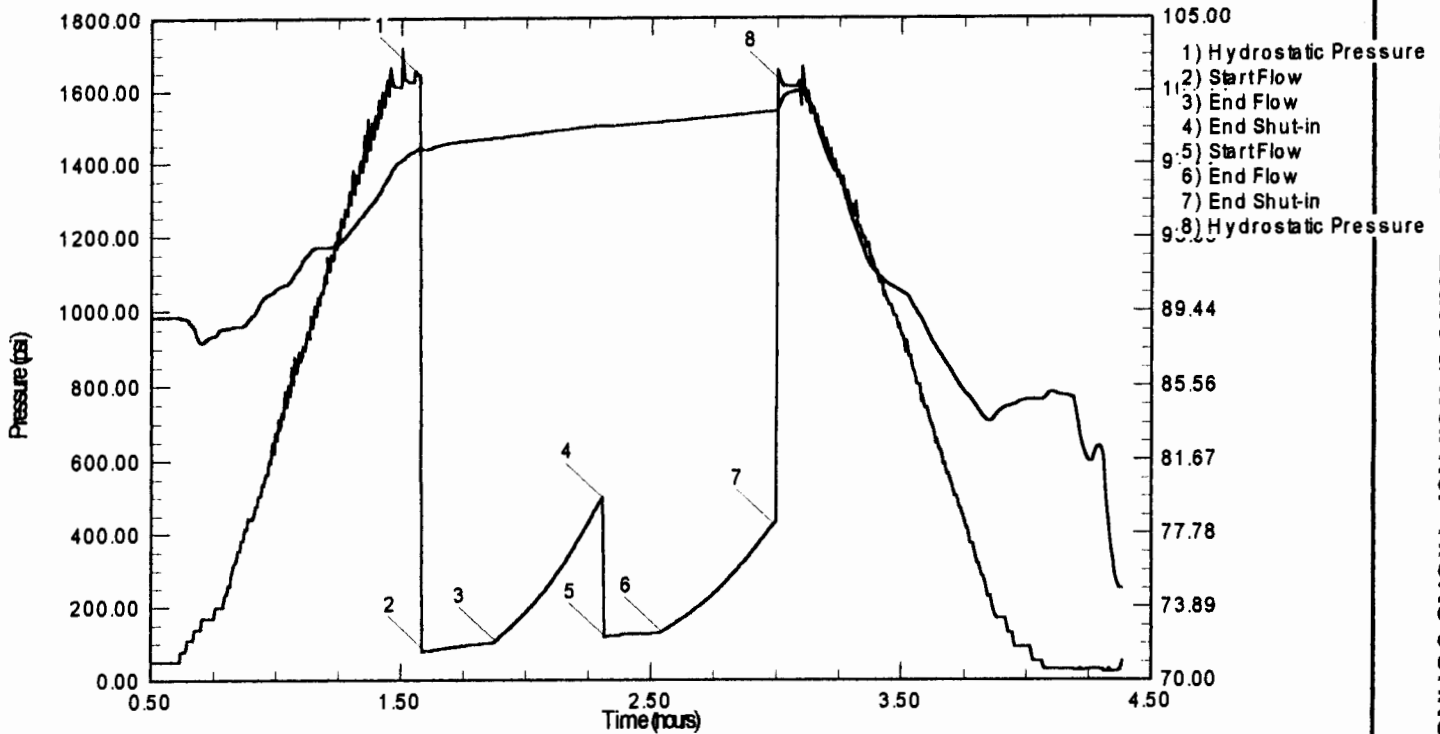
Great Bend, Kansas

CHART DATA

(316) 792-6902

State KANSAS
County BARBER
Field

Test Date September 3, 2001
Sec Town Range 10-30S-14W
Report Number 12047



Field Reading

(1)	Initial Hydrostatic Pressure	1656
(2)	Initial Flow Pressure	82
(3)	Final Initial Flow Pressure	107
(4)	Initial Shut-In Pressure	499
(5)	Initial Final Flow Pressure	117
(6)	Final Flow Pressure	132
(7)	Final Shut-In Pressure	426
(8)	Final Hydrostatic Pressure	1613

ELECTRONIC RECORDER DEPTH 3320 FT, RECORDER NUMBER 78225

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. HICKS-JOHNSON #1-10 Test #: 3 Date: 9-3-2001 SEC. 10
TWP. 30S RGE. 14W

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	HICKS-JOHNSON #1-10
TEST DATE	9/3/01	FORMATION TESTED	BERNS
SECTION-TOWN-RANGE	10-30S-14W	DRILL STEM TEST NUMBER	3
STATE	KANSAS	REPORT NUMBER	12047
COUNTY	BARBER	ELEVATION KELLY BUSHINGS	1969
ELEVATION GROUND LEVEL	1960	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	BILL REA		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	3290	TOP PACKER DEPTH	3285
TEST INTERVAL (to)	3326	BOTTOM PACKER DEPTH	3290
ANCHOR LENGTH	36	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	3326	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from)	8:00
TOOL OPEN (to)	8:15
DURATION (min.)	15

INITIAL SHUT-IN

TOOL CLOSED (from)	8:15
TOOL CLOSED (to)	8:45
DURATION (min.)	30

FINAL OPEN

TOOL OPEN (from)	8:45
TOOL OPEN (to)	9:00
DURATION (min.)	15

FINAL SHUT-IN

TOOL CLOSED (from)	9:00
TOOL CLOSED (to)	9:30
DURATION (min.)	30

PRESSURE READINGS

INITIAL HYDROSTATIC	1656
INITIAL FLOW	82
FINAL INITIAL FLOW	107
INITIAL SHUT-IN	499
INITIAL FINAL FLOW	117
FINAL FLOW	132
FINAL SHUT-IN	426
FINAL HYDROSTATIC	1613
MAXIMUM TEMPERATURE	100
TOP RECORDER DEPTH	3320
RECORDER NUMBER	78225
BOTTOM RECORDER DEPTH	3323
RECORDER NUMBER	13189

INITIAL BLOW

FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 4MINUTE

FINAL BLOW

WEAK BLOW BUILT TO 10 INCHES INTO THE WATER

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 **3020**

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 **8.9**

VISCOSITY **44**

WATER LOSS **10.8**

CHLORIDES-PITS **6000**

CHLORIDES-DST **24000**

FEET OF RECOVERY		RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	400	GAS IN THE PIPE				
2)	40	WATERY MUD WITH A SLIGHT SHOW OF OIL				
3)	60	OIL AND GAS CUT MUDDY WATER CHLORIDES 24000	5	25	40	30
4)	60	OIL AND GAS CUT MUDDY WATER CHLORIDES 24000	10	40	15	35
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

Date 9-6-01 Location N 1/4 - 1/4 - 1/4 10-30-14 Elevation 196928 County Bailey

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

Charts Mailed to 6427 East 44066 P.O. Box 780167 Wichita Kansas 67228-0167

Drilling Contractor Sterling Drilling Rig #4

Length Drill Pipe 3922 I.D. Drill Pipe 3.30 Tool Joint Size 4 1/2" X 4"

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 4"

Top Packer Depth 4187 Bottom Packer Depth 4192 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4192 TO 4208 ANCHOR LENGTH 16 TOTAL DEPTH 4208 Hole Size 7 7/8"

EASE & WELL NO. Hicks Johnson FORMATION TESTED Kansas C. 1/4" H TEST NO. 4

Mud Weight 9.4 Viscosity 41 Water Loss 88 Chlorides - Pits 8000 D.S.T.

Maximum Temp. 110 °F Initial Hydrostatic Pressure (A) 2170 P.S.I. Final Hydrostatic Pressure (H) 2137 P.S.I.

Tool Open I.F.P. from 3:00 A.M. to 3:15 A.M. 15 min

Tool Closed I.C.I.P. from 3:15 A.M. to 3:45 A.M. 30 min

Tool Open F.F.P. from 3:45 A.M. to 4:00 A.M. 15 min

Tool Closed F.C.I.P. from 4:00 A.M. to 4:30 A.M. 30 min

Initial Blow WEAK SURFACE blow for 13 minutes F.D.I.E.N

Final Blow no blow

Total Feet Recovered 5 Gravity of Oil Corrected

5 Feet of MAN % 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

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 4201 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 47441 Depth 4205 Insurance NONE

Price of Job

Tool Operator Gene Budij

Approved By

NE 12049

from [B] 45 P.S.I. to [C] 47 P.S.I.
[D] 313 P.S.I.
from [E] 49 P.S.I. to [F] 51 P.S.I.
[G] 101 P.S.I.

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SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

CHART DATA

(316) 792-6902

State KANSAS

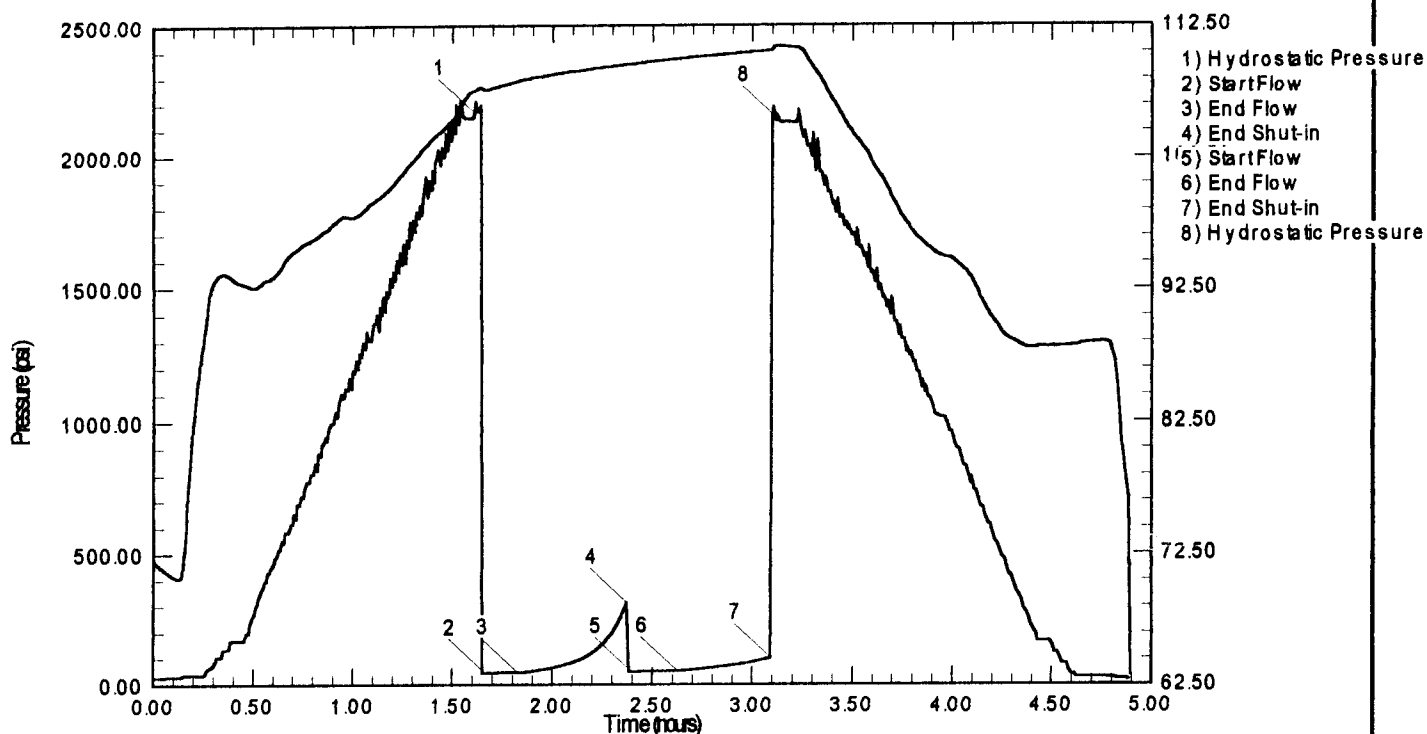
County BARBER

Field

Test Date September 6, 2001

Sec Town Range 10-30S-14W

Report Number 12049



Field Reading

(1)	Initial Hydrostatic Pressure	2170
(2)	Initial Flow Pressure	45
(3)	Final Initial Flow Pressure	47
(4)	Initial Shut-In Pressure	313
(5)	Initial Final Flow Pressure	49
(6)	Final Flow Pressure	51
(7)	Final Shut-In Pressure	101
(8)	Final Hydrostatic Pressure	2137

ELECTRONIC RECORDER DEPTH 4201 FT, RECORDER NUMBER 78225

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. HICKS-JOHNSON #1-10 Test #: 4 Date: 9-6-2001 SEC. 10
TWP. 30S RGE. 14W

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	HICKS-JOHNSON #1-10
TEST DATE	9/6/01	FORMATION TESTED	KANSAS CITY "H"
SECTION-TOWN-RANGE	10-30S-14W	DRILL STEM TEST NUMBER	4
STATE	KANSAS	REPORT NUMBER	12049
COUNTY	BARBER	ELEVATION KELLY BUSHINGS	1969
ELEVATION GROUND LEVEL	1960	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	KENT ROBERTS		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	4192	TOP PACKER DEPTH	4187
TEST INTERVAL (to)	4208	BOTTOM PACKER DEPTH	4192
ANCHOR LENGTH	16	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	4208	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from)

TOOL OPEN (to)

DURATION (min.)

INITIAL SHUT-IN

TOOL CLOSED (from)

TOOL CLOSED (to)

DURATION (min.)

FINAL OPEN

TOOL OPEN (from)

TOOL OPEN (to)

DURATION (min.)

FINAL SHUT-IN

TOOL CLOSED (from)

TOOL CLOSED (to)

DURATION (min.)

PRESSURE READINGS

INITIAL HYDROSTATIC

INITIAL FLOW

FINAL INITIAL FLOW

INITIAL SHUT-IN

INITIAL FINAL FLOW

FINAL FLOW

FINAL SHUT-IN

FINAL HYDROSTATIC

MAXIMUM TEMPERATURE

TOP RECORDER DEPTH

RECORDER NUMBER

BOTTOM RECORDER DEPTH

RECORDER NUMBER

INITIAL BLOW

WEAK SURFACE BLOW FOR 13 MINUTES AND DIED

FINAL BLOW

NO 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 **3922**

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 **41**

WATER LOSS **8.8**

CHLORIDES-PITS **8000**

CHLORIDES-DST

FEET OF RECOVERY		RECOVERY DECEIPTION	% GAS	% OIL	% MUD	% WATER
1)	5	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

Date 9-7-01 Location N¹/₂-N¹/₂-N¹/₂ 10-30-14^N Elevation 1969 KB 1960 GL County Barber

Company F.G. Holl Company L.L.C. Number of Copies 5

Charts Mailed to 6427 East 44th Ave P.O. Box 78067 Wichita Kansas 67228-0167

Drilling Contractor Sterling Drilling Co #4

Length Drill Pipe 4442 I.D. Drill Pipe 3.80 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 2.25 Tool Joint Size 4 1/2" X 11

Top Packer Depth 4407 Bottom Packer Depth 4412 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4412 TO 4472 ANCHOR LENGTH 60 TOTAL DEPTH 4472 Hole Size 7 7/8"

EASE & WELL NO. Hicks-Johnson #1-10 FORMATION TESTED Massey Zone TEST NO. 5

Mud Weight 9.4 Viscosity 47 Water Loss 8.8 Chlorides - Pits 6000 D.S.T. _____

Maximum Temp. 112 °F Initial Hydrostatic Pressure (A) 2226 P.S.I. Final Hydrostatic Pressure (H) 2211 P.S.I.

Tool Open I.F.P. from 11:15 A.M. to 11:45 A.M. 30 min

Tool Closed I.C.I.P. from 11:45 P.M. to 12:15 P.M. 30 min

Tool Open F.F.P. from 12:15 P.M. to 12:30 P.M. 15 min

Tool Closed F.C.I.P. from 12:30 P.M. to 1:00 A.M. 30 min

from [B] 76 P.S.I. to [C] 83 P.S.I.

[D] 110 P.S.I.

from [E] 79 P.S.I. to [F] 84 P.S.I.

[G] 102 P.S.I.

Initial Blow Weak steady blow built to 1 inch DECREASED to 1/4 inch blow

Final Blow Very weak surface blow for 13 minutes & died

Total Feet Recovered 5 Gravity of Oil _____ Corrected _____

5 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 YES Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 78225 Clock No. Electronic Depth NONE 4464 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 89103 Clock No. 47441 Depth 4469 Insurance NONE

Price of Job _____

Tool Operator Sam Budig

Approved By _____

NE 12050

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

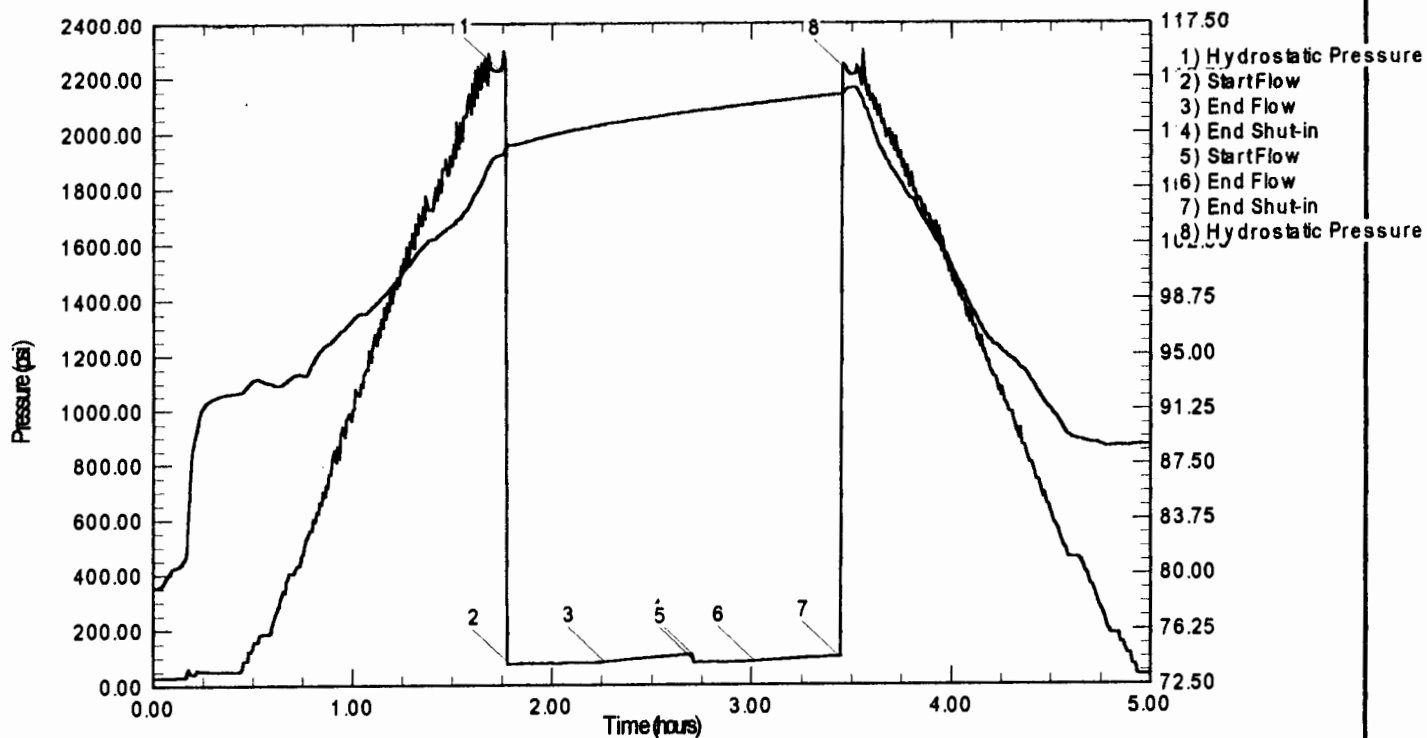
County BARBER

Field

Test Date September 7, 2001

Sec Town Range 10-30S-14W

Report Number 12050



Field Reading

(1)	Initial Hydrostatic Pressure	2226
(2)	Initial Flow Pressure	76
(3)	Final Initial Flow Pressure	83
(4)	Initial Shut-In Pressure	110
(5)	Initial Final Flow Pressure	79
(6)	Final Flow Pressure	84
(7)	Final Shut-In Pressure	102
(8)	Final Hydrostatic Pressure	2211

ELECTRONIC RECORDER DEPTH 4464 FT, RECORDER NUMBER 78225

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. HICKS-JOHNSON #1-10 Test #: 5 Date: 9-7-2001 SEC. 10
TWP. 30S RGE. 14W

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	HICKS-JOHNSON #1-10
TEST DATE	9/7/01	FORMATION TESTED	MASSEY ZONE
SECTION-TOWN-RANGE	10-30S-14W	DRILL STEM TEST NUMBER	5
STATE	KANSAS	REPORT NUMBER	12050
COUNTY	BARBER	ELEVATION KELLY BUSHINGS	1969
ELEVATION GROUND LEVEL	1960	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	KENT ROBERTS		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	4412	TOP PACKER DEPTH	4407
TEST INTERVAL (to)	4472	BOTTOM PACKER DEPTH	4412
ANCHOR LENGTH	60	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	4472	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

<i>INITIAL OPEN</i>	
TOOL OPEN (from)	11:15
TOOL OPEN (to)	11:45
DURATION (min.)	30
<i>INITIAL SHUT-IN</i>	
TOOL CLOSED (from)	11:45
TOOL CLOSED (to)	12:15
DURATION (min.)	30
<i>FINAL OPEN</i>	
TOOL OPEN (from)	12:15
TOOL OPEN (to)	12:30
DURATION (min.)	15
<i>FINAL SHUT-IN</i>	
TOOL CLOSED (from)	12:30
TOOL CLOSED (to)	1:00
DURATION (min.)	30

PRESSURE READINGS

INITIAL HYDROSTATIC	2226
INITIAL FLOW	76
FINAL INITIAL FLOW	83
INITIAL SHUT-IN	110
INITIAL FINAL FLOW	79
FINAL FLOW	84
FINAL SHUT-IN	102
FINAL HYDROSTATIC	2211
MAXIMUM TEMPERATURE	112
TOP RECORDER DEPTH	4464
RECORDER NUMBER	78225
BOTTOM RECORDER DEPTH	4469
RECORDER NUMBER	13189

INITIAL BLOW **WEAK STEADY BLOW BUILT TO 1 INCH INTO THE WATER AND DECREASED TO A 1/4 INCH BLOW**

FINAL BLOW **VERY WEAK SURFACE BLOW FOR 13 MINUTES AND DIED**

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 **4142**

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 **47**

WATER LOSS **8.8**

CHLORIDES-PITS **6000**

CHLORIDES-DST

FEET OF RECOVERY		RECOVERY DECIPTION	% GAS	% OIL	% MUD	% WATER
1)	5	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

Date 9-8-2001 Location N/E-N/E-N/W 10-30S-14W Elevation 1969 K.B. County Barber

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

Charts Mailed to 6427 East Kellogg P.O. Box 78067 Wichita Kansas 67278-0167

Drilling Contractor Sterling Drilling Rig #4

Length Drill Pipe 497 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 4462 Bottom Packer Depth 4467 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4467 TO 4515 ANCHOR LENGTH 48 TOTAL DEPTH 4515 Hole Size 7 7/8

EASE & WELL NO. Hicks-Johnson #1-10 FORMATION TESTED Viola TEST NO. 6

Mud Weight 9.4 Viscosity 47 Water Loss 8.9 Chlorides - Pits 6000 D.S.T.

Maximum Temp. 114 °F Initial Hydrostatic Pressure (A) 2255 P.S.I. Final Hydrostatic Pressure (H) 2230 P.S.I.

Tool Open I.F.P. from 2:30 A.m to 3:00 A.m 30 min from [B] 82 P.S.I. to [C] 499 P.S.I.

Tool Closed I.C.I.P. from 3:00 A.m to 4:00 A.m 60 min [D] 1258 P.S.I.

Tool Open F.F.P. from 4:00 A.m to 5:00 4:30 A.m 30 min from [E] 93 P.S.I. to [F] 790 P.S.I.

Tool Closed F.C.I.P. from 5:00 A.m to 8:30 A.m 60 min [G] 1254 P.S.I.

Initial Blow WEAK blow built to 5 inches into the water. Decreased to a weak surface blow

Final Blow Good blow built to the bottom of a 5 Gallon bucket in 2 minutes

Total Feet Recovered 275 Decreased & died in 24 minutes Gravity of Oil Corrected

150 Feet of Drilling mud % Gas % Oil % Mud % Water

125 Feet of SLIGHTLY Gas cut 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 Yes Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 78225 Clock No. Electronic Depth 4508 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 47441 Depth 4512 Insurance NONE

Price of Job

Tool Operator Gene Brady

Approved By

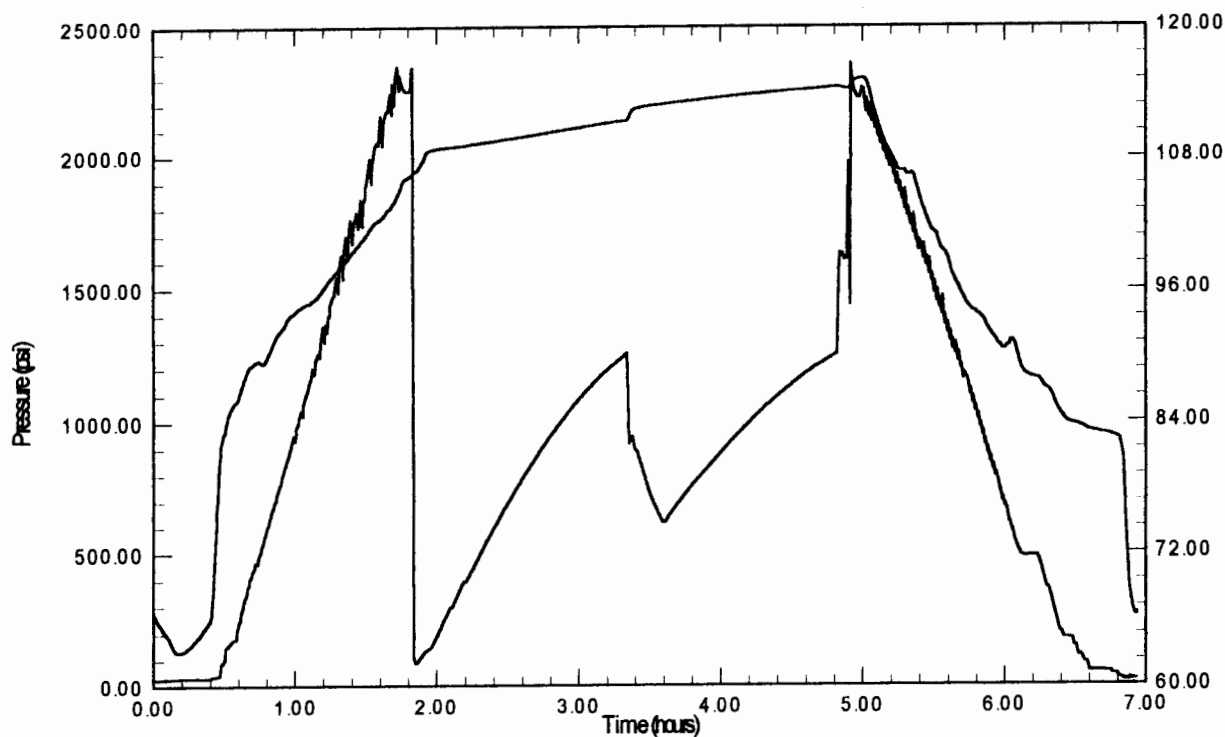
No 14001

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SUPERIOR TESTERS ENTERPRISES INC.**Great Bend, Kansas****CHART DATA****(316) 792-6902**

State KANSAS
County BARBER
Field

Test Date September 8, 2001
Sec Town Range 10-30S-14W
Report Number 14001

**Field Reading**

(1)	Initial Hydrostatic Pressure	2255
(2)	Initial Flow Pressure	82
(3)	Final Initial Flow Pressure	499
(4)	Initial Shut-In Pressure	1258
(5)	Initial Final Flow Pressure	933
(6)	Final Flow Pressure	790
(7)	Final Shut-In Pressure	1254
(8)	Final Hydrostatic Pressure	2230

ELECTRONIC RECORDER DEPTH 4508 FT, RECORDER NUMBER 78225

Company: **F.G.HOLL COMPANY L.L.C.** Lease & Well No. **HICKS-JOHNSON #1-10** Test #: **6** Date: **9-8-2001** SEC. **10**
TWP. **30S** RGE. **14W**

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	HICKS-JOHNSON #1-10
TEST DATE	9/8/01	FORMATION TESTED	VIOLA
SECTION-TOWN-RANGE	10-30S-14W	DRILL STEM TEST NUMBER	6
STATE	KANSAS	REPORT NUMBER	14001
COUNTY	BARBER	ELEVATION KELLY BUSHINGS	1969
ELEVATION GROUND LEVEL	1960	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	KENT ROBERTS		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	4467	TOP PACKER DEPTH	4462
TEST INTERVAL (to)	4515	BOTTOM PACKER DEPTH	4467
ANCHOR LENGTH	48	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	4515	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from)

TOOL OPEN (to)

DURATION (min.)

INITIAL SHUT-IN

TOOL CLOSED (from)

TOOL CLOSED (to)

DURATION (min.)

FINAL OPEN

TOOL OPEN (from)

TOOL OPEN (to)

DURATION (min.)

FINAL SHUT-IN

TOOL CLOSED (from)

TOOL CLOSED (to)

DURATION (min.)

PRESSURE READINGS

INITIAL HYDROSTATIC

INITIAL FLOW

FINAL INITIAL FLOW

INITIAL SHUT-IN

INITIAL FINAL FLOW

FINAL FLOW

FINAL SHUT-IN

FINAL HYDROSTATIC

MAXIMUM TEMPERATURE

TOP RECORDER DEPTH

RECORDER NUMBER

BOTTOM RECORDER DEPTH

RECORDER NUMBER

INITIAL BLOW

WEAK BLOW BUILT TO 5 INCHES INTO THE WATER AND DECREASED TO A VERY WEAK SURFACE BLOW

FINAL BLOW

GOOD BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 2 MINUTES DECREASED AND DIED IN 24 MINUTES

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 **4197**

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 **47**

WATER LOSS **8.8**

CHLORIDES-PITS **6000**

CHLORIDES-DST

FEET OF RECOVERY		RECOVERY DECIPTION	% GAS	% OIL	% MUD	% WATER
1)	150	DRILLING MUD				
2)	125	SLIGHTLY GAS CUT DRILLING MUD				
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

Site 9-8-2001 Location N 45° 45' W 103° 5' 14" W Elevation 1969 KB County Baker

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

Parts Mailed to 6427 East Kellogg P.O. Box 78067 Wichita Kansas 67228-067

Drilling Contractor Steelers Drilling Rig #4

Length Drill Pipe 4240 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 4505 Bottom Packer Depth 4510 Number of Packers 0 Packer Size 6 3/4"

TESTED FROM 4515 TO 4525 ANCHOR LENGTH 15 TOTAL DEPTH 4525 Hole Size 7 7/8"

BASE & WELL NO. Hicks-Johnson #1-10 FORMATION TESTED U101A TEST NO. 7

Mud Weight 9.5 Viscosity 56 Water Loss 8.8 Chlorides - Pits 6300 D.S.T. _____

Maximum Temp. 113 °F Initial Hydrostatic Pressure (A) 2304 P.S.I. Final Hydrostatic Pressure (H) 2237 P.S.I.

Tool Open I.F.P. from 5:30 P.m. to 6:00 P.m. 30 min

Tool Closed I.C.I.P. from 6:00 P.m. to 7:00 P.m. 60 min

Tool Open F.F.P. from 7:00 P.m. to 7:20 P.m. 30 min

Tool Closed F.C.I.P. from 7:30 P.m. to 8:30 P.m. 60 min

Initial Blow WEAK building, blows built to 3 inches into the water

Final Blow WEAK (6 1/2" Now) Decreased to 6" over work surface blow

Initial Feet Recovered 10 Gravity of Oil _____ Corrected

90 Feet of Gas in the Pipe % Gas _____ % Oil _____ % Mud _____ % Water _____

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 NONE Safety Joint YES Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 78225 Clock No. Electronic Depth 4518 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 47444 Depth 4528 Insurance NONE

Price of Job _____

Tool Operator Gene Sudy

Approved By _____

No 14002

from [B]	<u>51</u>	P.S.I. to [C]	<u>56</u>	P.S.I.
[D]	<u>217</u>			P.S.I.
from [E]	<u>54</u>	P.S.I. to [F]	<u>64</u>	P.S.I.
[G]	<u>179</u>			P.S.I.

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SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

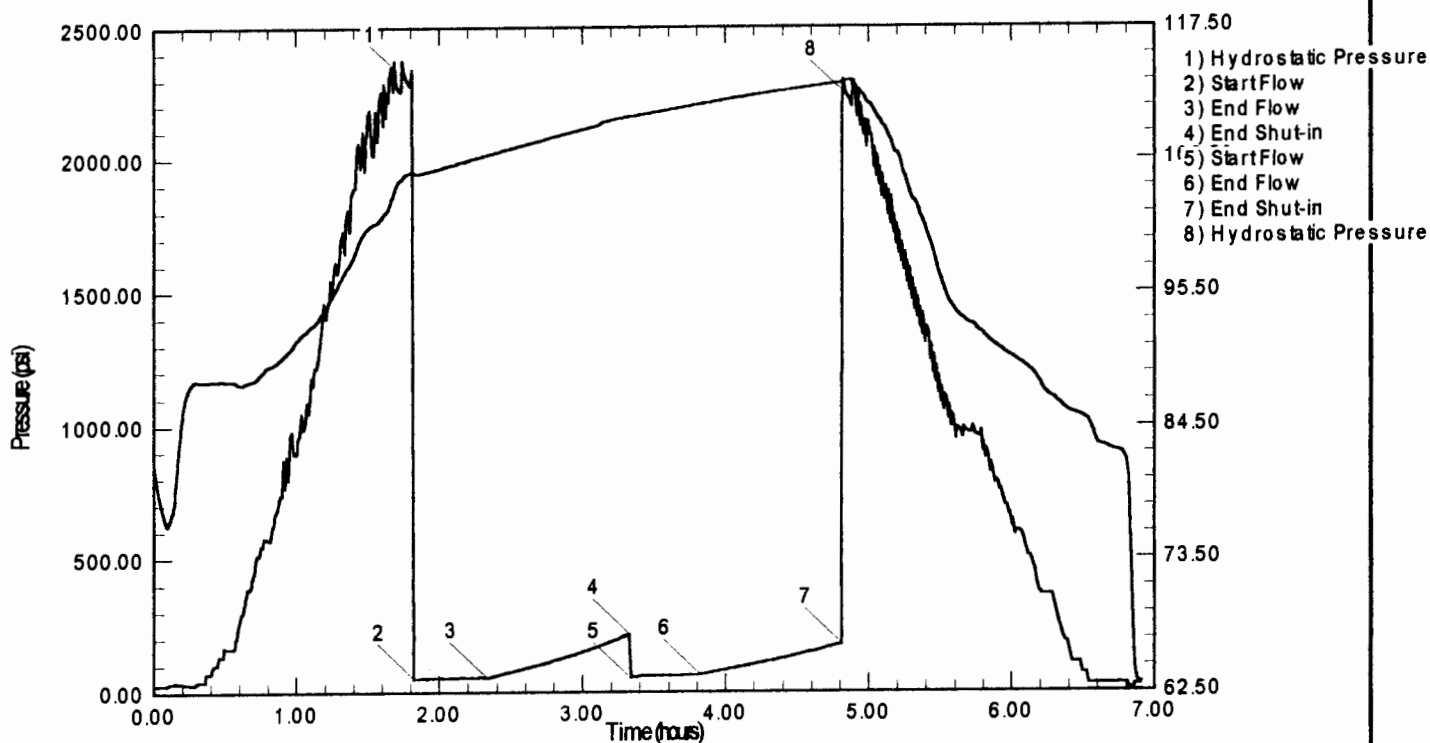
CHART DATA

(316) 792-6902

State KANSAS
County BARBER
Field

Test Date September 8, 2001
Sec Town Range 10-30S-14W
Report Number 14002

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. HICKS-JOHNSON #1-10 Test #: 7 Date: 9-8-2001 SEC. 10
TWP. 30S RGE. 14W



Field Reading

(1)	Initial Hydrostatic Pressure	2304
(2)	Initial Flow Pressure	51
(3)	Final Initial Flow Pressure	56
(4)	Initial Shut-In Pressure	217
(5)	Initial Final Flow Pressure	54
(6)	Final Flow Pressure	64
(7)	Final Shut-In Pressure	179
(8)	Final Hydrostatic Pressure	2237

ELECTRONIC RECORDER DEPTH 4518 FT, RECORDER NUMBER 78225

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	HICKS-JOHNSON #1-10
TEST DATE	9/8/01	FORMATION TESTED	VIOLA
SECTION-TOWN-RANGE	10-30S-14W	DRILL STEM TEST NUMBER	7
STATE	KANSAS	REPORT NUMBER	14002
COUNTY	BARBER	ELEVATION KELLY BUSHINGS	1969
ELEVATION GROUND LEVEL	1960	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	KENT ROBERTS		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	4510	TOP PACKER DEPTH	4505
TEST INTERVAL (to)	4525	BOTTOM PACKER DEPTH	4510
ANCHOR LENGTH	15	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	4525	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) **5:30**
TOOL OPEN (to) **6:00**
DURATION (min.) **30**

INITIAL SHUT-IN

TOOL CLOSED (from) **6:00**
TOOL CLOSED (to) **7:00**
DURATION (min.) **60**

FINAL OPEN

TOOL OPEN (from) **7:00**
TOOL OPEN (to) **7:30**
DURATION (min.) **30**

FINAL SHUT-IN

TOOL CLOSED (from) **7:30**
TOOL CLOSED (to) **8:30**
DURATION (min.) **60**

PRESSURE READINGS

INITIAL HYDROSTATIC **2304**
INITIAL FLOW **51**
FINAL INITIAL FLOW **56**
INITIAL SHUT-IN **217**
INITIAL FINAL FLOW **54**
FINAL FLOW **64**
FINAL SHUT-IN **179**
FINAL HYDROSTATIC **2237**

MAXIMUM TEMPERATURE **113**

TOP RECORDER DEPTH **4518**
RECORDER NUMBER **78225**
BOTTOM RECORDER DEPTH **4522**
RECORDER NUMBER **13189**

INITIAL BLOW

WEAK BUILDING BLOW BUILT TO 3 INCHES INTO THE WATER DECREASING SLIGHTLY AT THE END OF THE FLOW

FINAL BLOW

WEAK 1/2 INCH BLOW DECREASED TO A VERY WEAK SURFACE 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 **4240**

DRILL PIPE I.D. **3.8**

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

DRILL COLLAR LENGTH **249**

DRILL COLLAR I.D.

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 **0.5**

VISCOSITY **56**

WATER LOSS **8.8**

CHLORIDES-PITS **6300**

CHLORIDES-DST

FEET OF RECOVERY		RECOVERY DECIPTION	% GAS	% OIL	% MUD	% WATER
1)	90	GAS IN THE PIPE DRILLING MUD				
2)	10					
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

ate 9-9-2001 Location NE-NE-NW 10-30-N Elevation 1969KB 1960GL County Barber
Company F.C. HOLL COMPANY LLC Number of Copies 5
Charts Mailed to 6427 East Kellogg P.O. Box 780167 Wichita Kansas 67228-0167
Drilling Contractor Sterling Drilling Co #4
Length Drill Pipe 4271 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 225 Tool Joint Size 4 1/2" X H.
Top Packer Depth 4536 Bottom Packer Depth 4544 Number of Packers 2 Packer Size 6 3/4"
TESTED FROM 4544 TO 4553 ANCHOR LENGTH 12 TOTAL DEPTH 4553 Hole Size 7 7/8"
LEASE & WELL NO. Hicks-Johnson #1-10 FORMATION TESTED Simasol Sand TEST NO. 8
Mud Weight 9.51 Viscosity 53 Water Loss 129 Chlorides - Pits 7200 D.S.T. _____
Maximum Temp. 113 °F Initial Hydrostatic Pressure (A) 2300 P.S.I. Final Hydrostatic Pressure (H) 2286 P.S.I.

Tool Open I.F.P. from 10:30 A.M. to 11:00 A.M. 30 min
Tool Closed I.C.I.P. from 11:00 A.M. to 12:00 P.M. 60 min
Tool Open F.F.P. from 12:00 P.M. to 1:30 P.M. 30 min
Tool Closed F.C.I.P. from 1:30 P.M. to 2:30 P.M. 60 min

from [B] <u>47</u>	P.S.I. to [C] <u>49</u>	P.S.I.
[D] <u>143</u>		P.S.I.
from [E] <u>49</u>	P.S.I. to [F] <u>53</u>	P.S.I.
[G] <u>114</u>		P.S.I.

Initial Blow WEAK building a blow built to 8 inches into the water

Final Blow WEAK blow built to 3 inches DECREASED to a very weak surface flow -

Total Feet Recovered 10 Gravity of Oil _____ Corrected _____

<u>275</u> Feet of <u>Gas in the Pipe</u>	% Gas	% Oil	% Mud	% Water
<u>10</u> Feet of <u>Drilling mud with a good show of</u>	% Gas	% Oil	% Mud	% Water
Feet of <u>oil between the tools</u>	% 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 YES Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 78225 Clock No. Electronic Depth 4546 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 47441 Depth 4550 Insurance NONE

Price of Job _____

Tool Operator Don Bulley

Approved By _____

No 14003

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 INC.

Great Bend, Kansas

CHART DATA

(316) 792-6902

State KANSAS

County BARBER

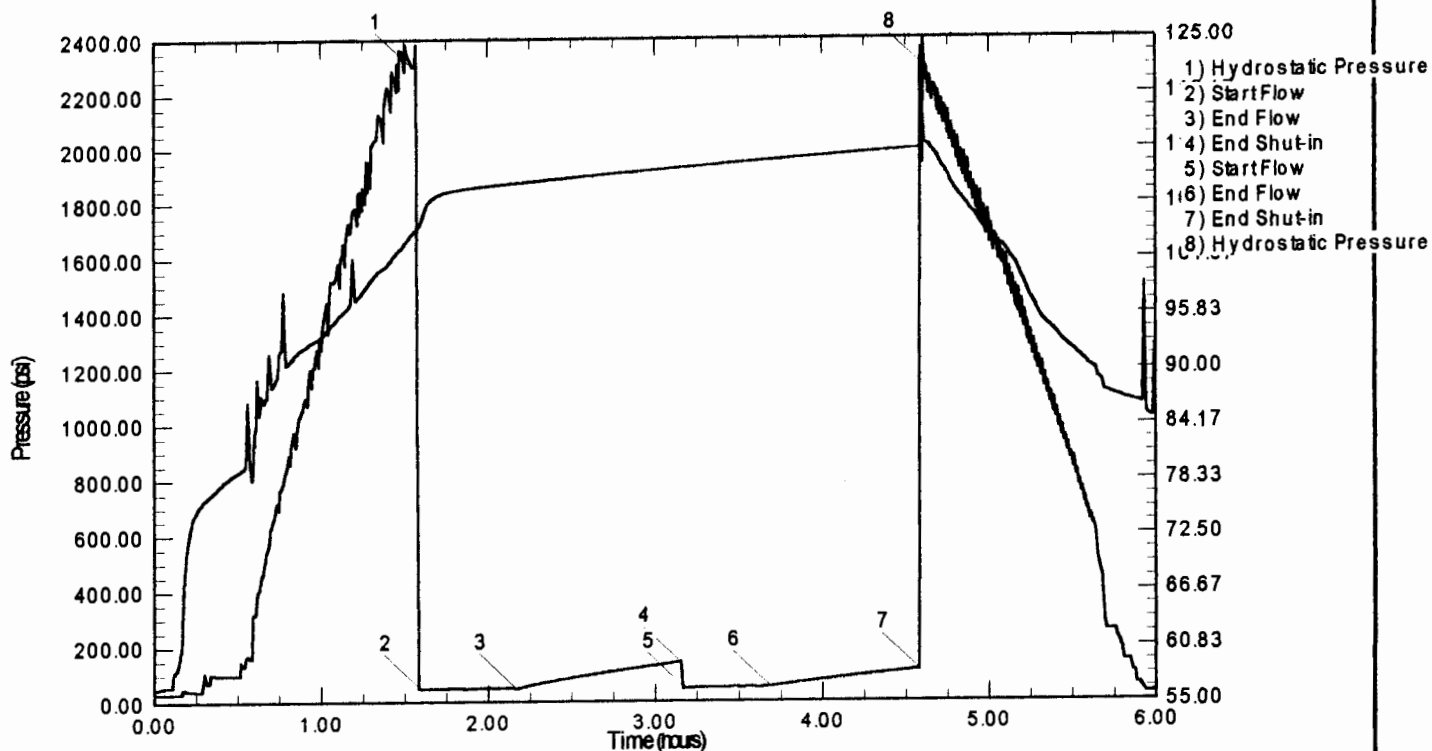
Field

Test Date September 9, 2001

Sec Town Range 10-30S-14W

Report Number 14003

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. HICKS-JOHNSON #1-10 Test #: 8 Date: 9-9-2001 SEC. 10
TWP. 30S RGE. 14W



Field Reading

(1)	Initial Hydrostatic Pressure	2300
(2)	Initial Flow Pressure	47
(3)	Final Initial Flow Pressure	49
(4)	Initial Shut-In Pressure	143
(5)	Initial Final Flow Pressure	49
(6)	Final Flow Pressure	53
(7)	Final Shut-In Pressure	114
(8)	Final Hydrostatic Pressure	2286

ELECTRONIC RECORDER DEPTH 4546 FT, RECORDER NUMBER 78225

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	HICKS-JOHNSON #1-10
TEST DATE	9/9/01	FORMATION TESTED	SIMPSON SAND
SECTION-TOWN-RANGE	10-30S-14W	DRILL STEM TEST NUMBER	8
STATE	KANSAS	REPORT NUMBER	14003
COUNTY	BARBER	ELEVATION KELLY BUSHINGS	1969
ELEVATION GROUND LEVEL	1960	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	KENT ROBERTS		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	4541	TOP PACKER DEPTH	4536
TEST INTERVAL (to)	4553	BOTTOM PACKER DEPTH	4541
ANCHOR LENGTH	12	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	4553	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from)	10:30
TOOL OPEN (to)	11:00
DURATION (min.)	30

INITIAL SHUT-IN

TOOL CLOSED (from)	11:00
TOOL CLOSED (to)	12:00
DURATION (min.)	60

FINAL OPEN

TOOL OPEN (from)	12:00
TOOL OPEN (to)	12:30
DURATION (min.)	30

FINAL SHUT-IN

TOOL CLOSED (from)	12:30
TOOL CLOSED (to)	1:30
DURATION (min.)	60

PRESSURE READINGS

INITIAL HYDROSTATIC	2300
INITIAL FLOW	47
FINAL INITIAL FLOW	49
INITIAL SHUT-IN	143
INITIAL FINAL FLOW	49
FINAL FLOW	53
FINAL SHUT-IN	114
FINAL HYDROSTATIC	2286
MAXIMUM TEMPERATURE	113
TOP RECORDER DEPTH	4546
RECORDER NUMBER	78225
BOTTOM RECORDER DEPTH	4550
RECORDER NUMBER	13189

INITIAL BLOW

WEAK BUILDING BLOW BUILT TO 8 INCHES INTO THE WATER

FINAL BLOW

WEAK BLOW BUILT TO 3 INCHES INTO THE WATER DECREASED TO A VERY WEAK SURFACE BLOW BY THE END OF THE FLOW

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 **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 **9.5**

VISCOSITY **53**

WATER LOSS **12**

CHLORIDES-PITS **7200**

CHLORIDES-DST

FEET OF RECOVERY		RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	275	GAS IN THE PIPE DRILLING MUD WITH A GOOD SHOW OF OIL BETWEEN THE TOOLS				
2)	10					
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

Date 9-9-2001 Location N¹/₂-N¹/₂-W 10-30-74 Elevation 1969 County Baker

Company F.B. Hall Company LLC Number of Copies 5

Charts Mailed to 6427 E. KILLBUCK P.O. Box 780167 Wichita Kansas 67278-0167

Drilling Contractor Steelers Drilling Rig #4

Length Drill Pipe 4269 I.D. Drill Pipe 8.80 Tool Joint Size 4 1/2" X 1 1/2"

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 4"

Top Packer Depth 4534 Bottom Packer Depth 4539 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4539 TO 4558 ANCHOR LENGTH 19 TOTAL DEPTH 4558 Hole Size 7 7/8"

EASE & WELL NO. Hicks Johnson #1-10 FORMATION TESTED Simpson Sand TEST NO. 9

Mud Weight 9.3 Viscosity 55 Water Loss 12" Chlorides - Pits 7200 D.S.T. _____

Maximum Temp. 113 °F Initial Hydrostatic Pressure (A) 2387 S.I. Final Hydrostatic Pressure (H) 2386 P.S.I.

Tool Open I.F.P. from 11:30 p.m. to 11:45 p.m. 15 min

Tool Closed I.C.I.P. from 11:45 p.m. to 12:15 a.m. 30 min

Tool Open F.F.P. from 12:15 a.m. to 12:30 a.m. 15 min

Tool Closed F.C.I.P. from 12:30 a.m. to 1:00 a.m. 30 min

Initial Blow VERY WEAK SURFACE BLOW FOR 12 MINUTES & DIED

Final Blow NO BLOW - FLUSHED TOOL - GOOD SURGE - NO HELP

Total Feet Recovered 10 Gravity of Oil _____ Corrected _____

10 Feet of Drilling Mud no shows of oil or gas % 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 _____

_____ 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 4551 Cir. Sub none Sampler NONE

Bottom Recorder No. 5463 Clock No. 4744 Depth 4555 Insurance none

Price of Job _____

Tool Operator Steve Bulig

Approved By _____

No. 14004

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 INC.

Great Bend, Kansas

CHART DATA

(316) 792-6902

State KANSAS

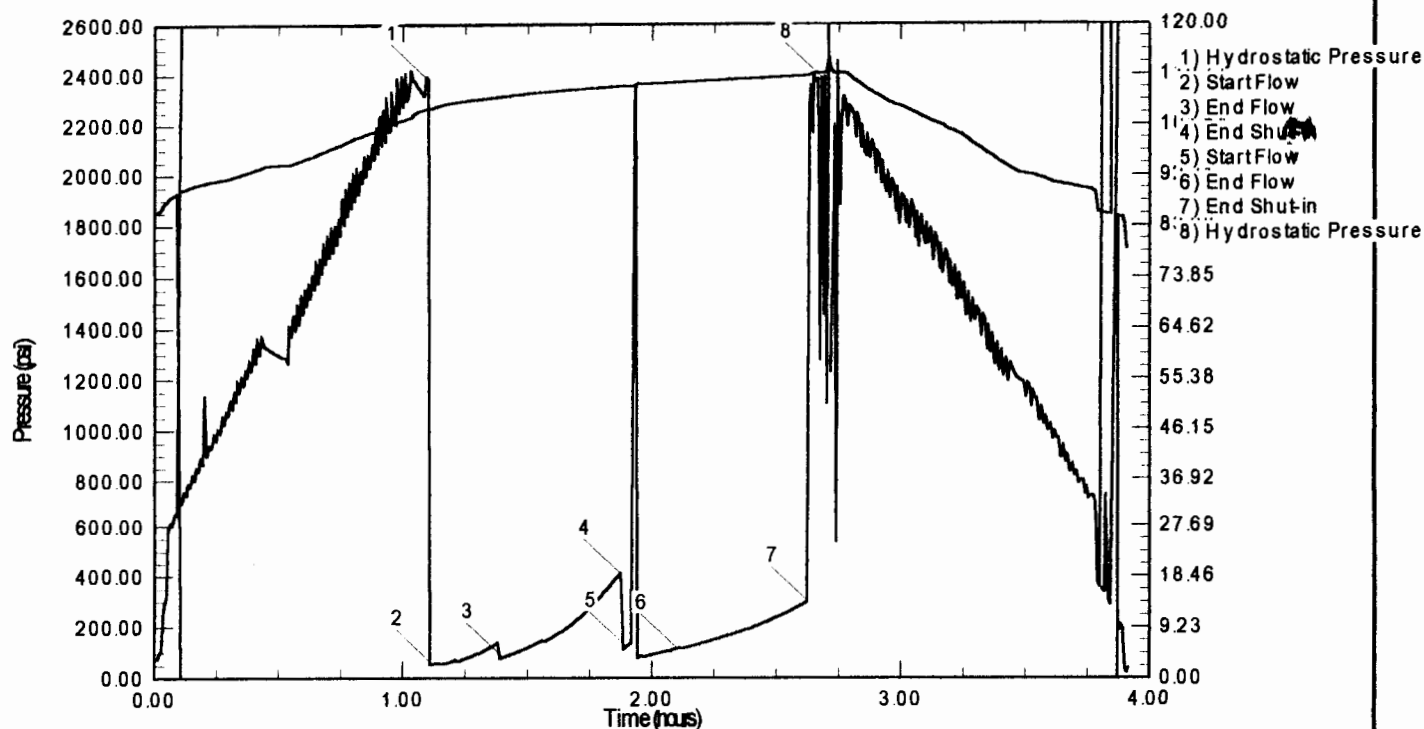
Test Date September 9, 2001

County BARBER

Sec Town Range 10-30S-14W

Field

Report Number 14004



Field Reading

(1)	Initial Hydrostatic Pressure	2387
(2)	Initial Flow Pressure	56
(3)	Final Initial Flow Pressure	83
(4)	Initial Shut-In Pressure	411
(5)	Initial Final Flow Pressure	125
(6)	Final Flow Pressure	116
(7)	Final Shut-In Pressure	302
(8)	Final Hydrostatic Pressure	2386

ELECTRONIC RECORDER DEPTH 4551 FT, RECORDER NUMBER 78225

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. HICKS-JOHNSON #1-10 Test #: 9 Date: 9-9-2001 SEC.
10 TWP. 30S RGE.14W

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	HICKS-JOHNSON #1-10
TEST DATE	9/9/01	FORMATION TESTED	SIMPSON SAND
SECTION-TOWN-RANGE	10-30S-14W	DRILL STEM TEST NUMBER	9
STATE	KANSAS	REPORT NUMBER	14004
COUNTY	BARBER	ELEVATION KELLY BUSHINGS	1969
ELEVATION GROUND LEVEL	1960	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	KENT ROBERTS		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	4539	TOP PACKER DEPTH	4534
TEST INTERVAL (to)	4558	BOTTOM PACKER DEPTH	4539
ANCHOR LENGTH	19	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	4558	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) **11:30**
TOOL OPEN (to) **11:45**
DURATION (min.) **15**

INITIAL SHUT-IN

TOOL CLOSED (from) **11:45**
TOOL CLOSED (to) **12:15**
DURATION (min.) **30**

FINAL OPEN

TOOL OPEN (from) **12:15**
TOOL OPEN (to) **12:30**
DURATION (min.) **15**

FINAL SHUT-IN

TOOL CLOSED (from) **12:30**
TOOL CLOSED (to) **1:00**
DURATION (min.) **30**

PRESSURE READINGS

INITIAL HYDROSTATIC **2387**
INITIAL FLOW **56**
FINAL INITIAL FLOW **83**
INITIAL SHUT-IN **411**
INITIAL FINAL FLOW **125**
FINAL FLOW **116**
FINAL SHUT-IN **302**
FINAL HYDROSTATIC **2386**

MAXIMUM TEMPERATURE **113**

TOP RECORDER DEPTH **4551**
RECORDER NUMBER **78225**
BOTTOM RECORDER DEPTH **4555**
RECORDER NUMBER **13189**

INITIAL BLOW

VERY WEAK SURFACE BLOW FOR 12 MINUTES AND DIED

FINAL BLOW

NO BLOW-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 RIG #4**

DRILL PIPE LENGTH **4269**

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 **53**

WATER LOSS **12**

CHLORIDES-PITS **7200**

CHLORIDES-DST

FEET OF RECOVERY		RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	10	DRILLING MUD WITH NO SHOWS OF OIL OR GAS				
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

Date 7-10-2001 Location N 1/4 - 1/4 - 1/4 10-30-14 W Elevation 1969 KB County BARBER

Company F.C. Hall COMPANY LLC Number of Copies 5

Parts Mailed to 6427 East Terrace P.O. Box 780167 Wichita, Kansas 67278-0167

Drilling Contractor Steelhead Drilling Rig #4

Length Drill Pipe 4283 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X 16

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 16

Top Packer Depth 4548 Bottom Packer Depth 4553 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4553 TO 4563 ANCHOR LENGTH 10 TOTAL DEPTH 4563 Hole Size 7 7/8"

EASE & WELL NO. Hicks-Johnson #110 FORMATION TESTED Simpson Sand TEST NO. 10

Mud Weight 9.5 Viscosity 68 Water Loss 15 1/4 Chlorides - Pits 9000 D.S.T.

Maximum Temp. 113 °F Initial Hydrostatic Pressure (A) 2392 P.S.I. Final Hydrostatic Pressure (H) 2363 P.S.I.

Tool Open I.F.P. from 11:15 A m to 11:30 A m 15 min

Tool Closed I.C.I.P. from 11:30 A m to 12:00 A m 30 min

Tool Open F.F.P. from 12:00 A m to 12:15 A m 15 min

Tool Closed F.C.I.P. from 12:15 A m to 12:45 A m 30 min

Initial Blow Very weak surface blow for 12 minutes & died

Final Blow No blow - flushed tool - Good surge - no hole

Total Feet Recovered 5 Gravity of Oil _____ Corrected

5 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 YES Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 78225 Clock No. 78225 Depth 4556 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 4744 Depth 4560 Insurance NONE

Price of Job _____

Tool Operator James Brady

Approved By _____

No 14005

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 INC.

Great Bend, Kansas

CHART DATA

(316) 792-6902

State KANSAS

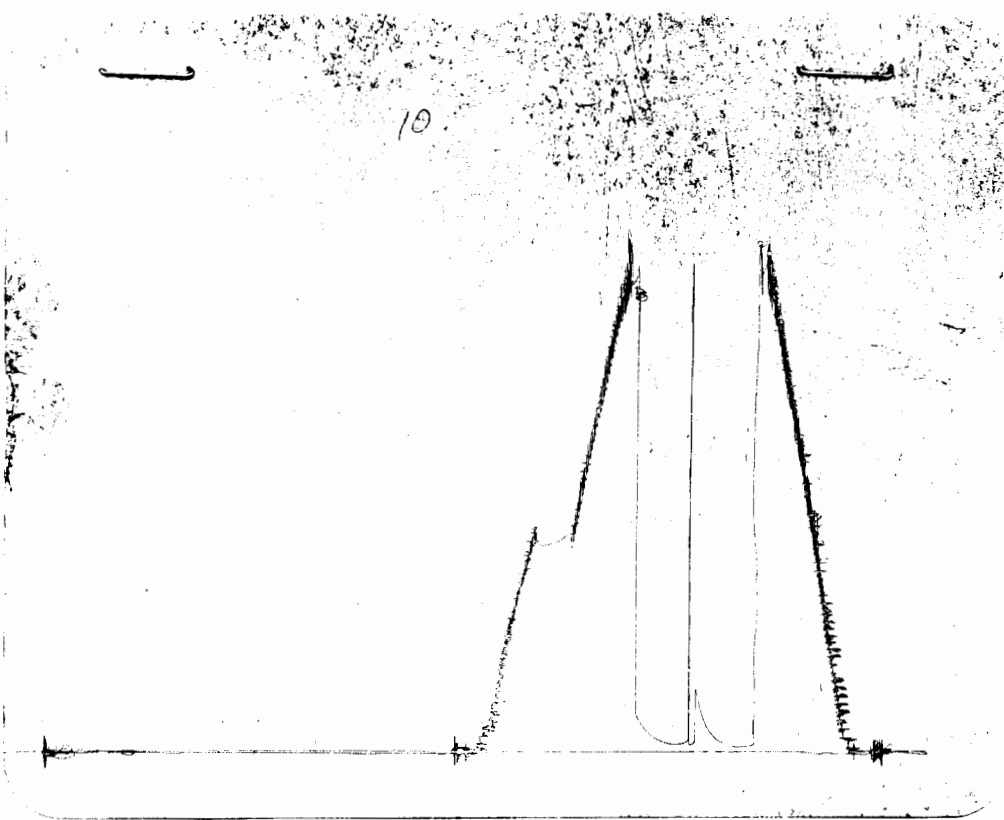
County BARBER

Field

Test Date September 10, 2001

Sec Town Range 10-30S-14W

Report Number 14005

**Field Reading**

(1)	Initial Hydrostatic Pressure	2392
(2)	Initial Flow Pressure	27
(3)	Final Initial Flow Pressure	27
(4)	Initial Shut-In Pressure	302
(5)	Initial Final Flow Pressure	27
(6)	Final Flow Pressure	36
(7)	Final Shut-In Pressure	174
(8)	Final Hydrostatic Pressure	2363

ELECTRONIC RECORDER DEPTH 4556 FT, RECORDER NUMBER 78225

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. HICKS-JOHNSON #1-10 Test #: 10 Date: 9-10-2001 SEC.
10 TWP. 30S RGE. 14W

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	HICKS-JOHNSON #1-10
TEST DATE	9/10/01	FORMATION TESTED	SIMPSON SAND
SECTION-TOWN-RANGE	10-30S-14W	DRILL STEM TEST NUMBER	10
STATE	KANSAS	REPORT NUMBER	14005
COUNTY	BARBER	ELEVATION KELLY BUSHINGS	1969
ELEVATION GROUND LEVEL	1960	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	KENT ROBERTS		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	4553	TOP PACKER DEPTH	4548
TEST INTERVAL (to)	4563	BOTTOM PACKER DEPTH	4553
ANCHOR LENGTH	10	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	4563	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from)

TOOL OPEN (to)

DURATION (min.)

INITIAL SHUT-IN

TOOL CLOSED (from)

TOOL CLOSED (to)

DURATION (min.)

FINAL OPEN

TOOL OPEN (from)

TOOL OPEN (to)

DURATION (min.)

FINAL SHUT-IN

TOOL CLOSED (from)

TOOL CLOSED (to)

DURATION (min.)

PRESSURE READINGS

INITIAL HYDROSTATIC

INITIAL FLOW

FINAL INITIAL FLOW

INITIAL SHUT-IN

INITIAL FINAL FLOW

FINAL FLOW

FINAL SHUT-IN

FINAL HYDROSTATIC

MAXIMUM TEMPERATURE

TOP RECORDER DEPTH

RECORDER NUMBER

BOTTOM RECORDER DEPTH

RECORDER NUMBER

INITIAL BLOW

VERY WEAK SURFACE BLOW FOR 12 MINUTES AND DIED

FINAL BLOW

NO BLOW-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 RIG #4**

DRILL PIPE LENGTH **4283**

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 **68**

WATER LOSS **15.4**

CHLORIDES-PITS **9000**

CHLORIDES-DST

FEET OF RECOVERY		RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	5	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

Date 9-11-2001 Location N $\frac{1}{2}$ -N $\frac{1}{2}$ -N $\frac{1}{4}$ 1030th NW Elevation 1969^{ft} County Barber

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

Charts Mailed to 6427 East Kellogg P.O. Box 78067 Wichita Kansas 67278-0167

Drilling Contractor Stirling Drilling Rig #4

Length Drill Pipe 4289 I.D. Drill Pipe 3.30 Tool Joint Size 4 1/2" X 1 1/4"

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 1 1/4"

Top Packer Depth 4552 Bottom Packer Depth 4557 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4557 TO 4569 ANCHOR LENGTH 12 TOTAL DEPTH 4569 Hole Size 7 7/8"

EASE & WELL NO. Hicks-Johnson #1-10 FORMATION TESTED Simpson Sand TEST NO. 11

Mud Weight 9.5 Viscosity 68 Water Loss 15.4 Chlorides - Pits 9000 D.S.T. 46000

Maximum Temp. 116 °F Initial Hydrostatic Pressure (A) 2384 P.S.I. Final Hydrostatic Pressure (H) 2341 P.S.I.

Tool Open I.F.P. from 12:45 AM to 1:15 AM 30 min

Tool Closed I.C.I.P. from 1:15 AM to 2:15 AM 60 min

Tool Open F.F.P. from 2:15 AM to 3:15 AM 60 min

Tool Closed F.C.I.P. from 3:15 AM to 4:45 AM 90 min

Initial Blow Far blow built to the bottom of a 5 Gallon bucket in 25 minutes

Final Blow Far blow built to the bottom of a 5 Gallon Bucket in 25 minutes

Total Feet Recovered 525 Gravity of Oil _____ Corrected

525 Feet of WATER - CHLORIDES 46000 % 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 _____

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

Remarks _____

Extra Equipment - Jars None Safety Joint 400 Extra Packer None Straddle None Hook Wall None

Top Recorder No. 28225 Clock No. 47441 Depth 4562 Cir. Sub None Sampler None

Bottom Recorder No. 5463 Clock No. 47441 Depth 4566 Insurance None

Price of Job _____

Tool Operator Don Suds

Approved By _____

No 14006

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.

Company: **F.G.HOLL COMPANY L.L.C.** Lease & Well No. **HICKS-JOHNSON #1-10** Test #: **11** Date: **9-11-2001** SEC.
10 TWP. 30S RGE. 10W

SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

CHART DATA

(316) 792-6902

State **KANSAS**

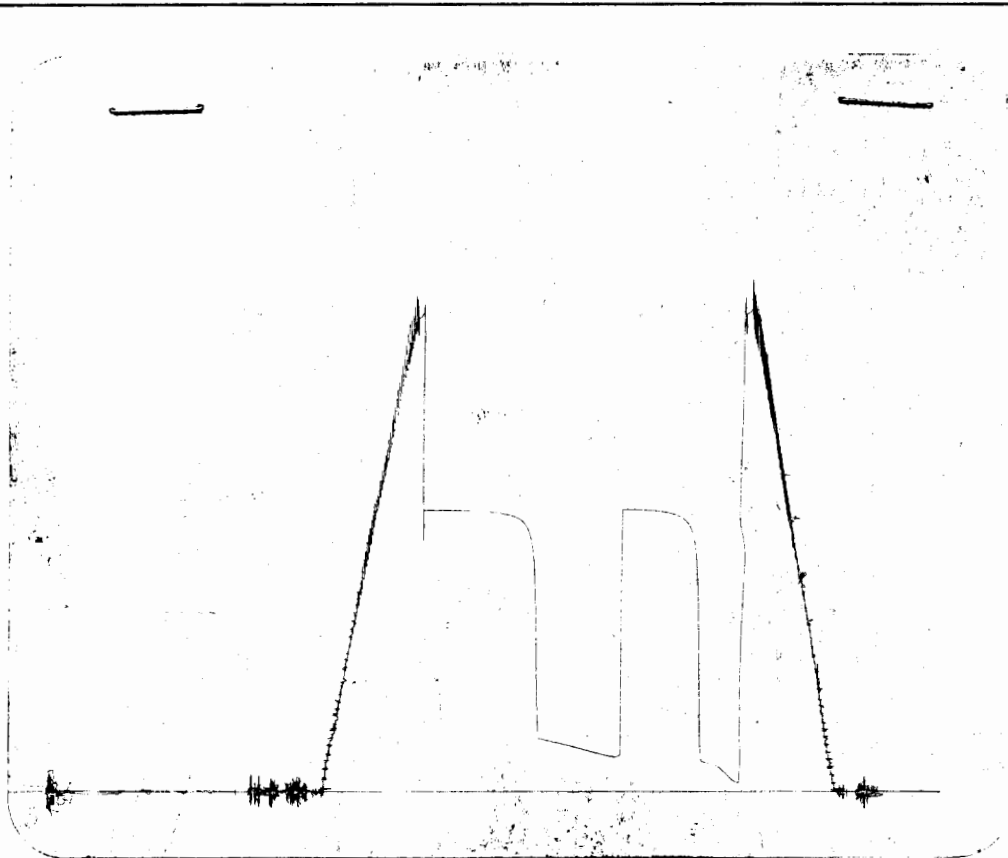
Test Date **September 11, 2001**

County **BARBER**

Sec Town Range **10-30S-14W**

Field

Report Number **14006**



Field Reading

(1)	Initial Hydrostatic Pressure	2386
(2)	Initial Flow Pressure	45
(3)	Final Initial Flow Pressure	137
(4)	Initial Shut-In Pressure	1330
(5)	Initial Final Flow Pressure	164
(6)	Final Flow Pressure	228
(7)	Final Shut-In Pressure	1358
(8)	Final Hydrostatic Pressure	2341

ELECTRONIC RECORDER DEPTH 4562 FT, RECORDER NUMBER 78225

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	HICKS-JOHNSON #-10
TEST DATE	9/11/01	FORMATION TESTED	SIMPSON SAND
SECTION-TOWN-RANGE	10-30S-14W	DRILL STEM TEST NUMBER	11
STATE	KANSAS	REPORT NUMBER	14006
COUNTY	BARBER	ELEVATION KELLY BUSHINGS	1969
ELEVATION GROUND LEVEL	1960	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	KENT ROBERTS		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	4557	TOP PACKER DEPTH	4552
TEST INTERVAL (to)	4569	BOTTOM PACKER DEPTH	4557
ANCHOR LENGTH	12	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	4569	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from)	12:45
TOOL OPEN (to)	1:15
DURATION (min.)	30

INITIAL SHUT-IN

TOOL CLOSED (from)	1:15
TOOL CLOSED (to)	2:15
DURATION (min.)	60

FINAL OPEN

TOOL OPEN (from)	2:15
TOOL OPEN (to)	3:15
DURATION (min.)	60

FINAL SHUT-IN

TOOL CLOSED (from)	3:15
TOOL CLOSED (to)	4:45
DURATION (min.)	90

PRESSURE READINGS

INITIAL HYDROSTATIC	2386
INITIAL FLOW	45
FINAL INITIAL FLOW	137
INITIAL SHUT-IN	1330
INITIAL FINAL FLOW	164
FINAL FLOW	228
FINAL SHUT-IN	1358
FINAL HYDROSTATIC	2341
MAXIMUM TEMPERATURE	116
TOP RECORDER DEPTH	4562
RECORDER NUMBER	78225
BOTTOM RECORDER DEPTH	4566
RECORDER NUMBER	13189

INITIAL BLOW

FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 25 MINUTES

FINAL BLOW

FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 25 MINUTES

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 **4289**

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 **68**

WATER LOSS **15.4**

CHLORIDES-PITS **9000**

CHLORIDES-DST **46000**

FEET OF RECOVERY		RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	525	MUDDY WATER CHLORIDES 46000				
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

Date 9-11-2001 Location N/E - N/E - N/E 10-30-14 Elevation 1969 KB 196066 County Barber

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

Charts Mailed to 6427 East Hollow Rd. Box 780167 Wichita Kansas 67278-0167

Drilling Contractor Steel Line Drilling Rig #4

Length Drill Pipe 4309 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X 4"

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 4"

Top Packer Depth 4580 Bottom Packer Depth 4585 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4585 TO 4598 ANCHOR LENGTH 13 TOTAL DEPTH 4598 Hole Size 7 7/8"

LEASE & WELL NO. Hicks Johnson #1-10 FORMATION TESTED Simpson Sand TEST NO. 12

Mud Weight 9.31 Viscosity 86 Water Loss 10 1/2 Chlorides - Pits 10900 D.S.T. 62000

Maximum Temp. 121 °F Initial Hydrostatic Pressure (A) 2390 P.S.I. Final Hydrostatic Pressure (H) 2386 P.S.I.

Tool Open I.F.P. from 6:30 p.m. to 6:45 p.m. 15 min

Tool Closed I.C.I.P. from 6:45 p.m. to 7:00 p.m. 15 min

Tool Open F.F.P. from 7:00 p.m. to 7:15 p.m. 15 min

Tool Closed F.C.I.P. from 7:15 p.m. to 7:30 p.m. 15 min

Initial Blow fair blow built to the bottom of the backst in 2 1/2 minutes

Final Blow fair blow built to the bottom of the backst in 8 minutes

Total Feet Recovered 720 Gravity of Oil _____ Corrected _____

240 Feet of Gas in the P.P.E. % Gas _____ % Oil _____ % Mud _____ % Water _____

120 Feet of Muddy water % Gas _____ % Oil _____ % Mud _____ % Water _____

600 Feet of Water Chlorides 62000 % 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. 5463 Clock No. 47441 Depth 4592 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 1389 Clock No. 47442 Depth 4595 Insurance NONE

Price of Job _____

Tool Operator Steve Budig

Approved By _____

No 14007

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 INC.

Great Bend, Kansas

CHART DATA

(316) 792-6902

State KANSAS

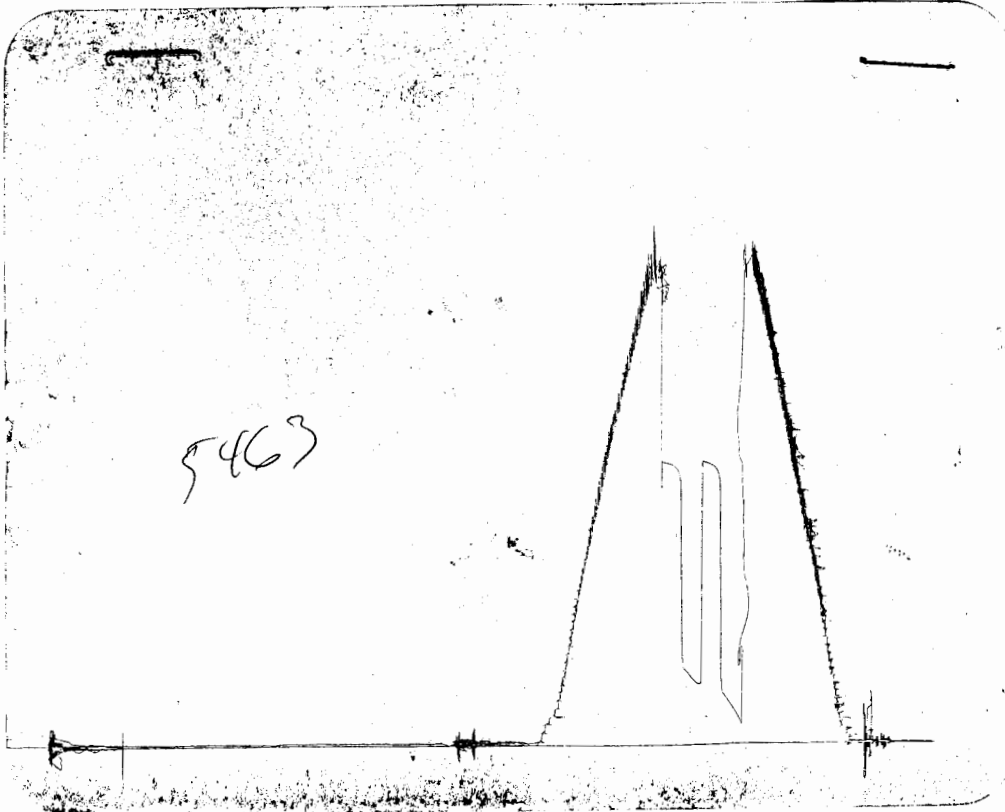
County BARBER

Field

Test Date September 11, 2001

Sec Town Range 10-30S-14W

Report Number 14007

**Field Reading**

(1)	Initial Hydrostatic Pressure	2390
(2)	Initial Flow Pressure	92
(3)	Final Initial Flow Pressure	228
(4)	Initial Shut-In Pressure	1358
(5)	Initial Final Flow Pressure	293
(6)	Final Flow Pressure	402
(7)	Final Shut-In Pressure	1358
(8)	Final Hydrostatic Pressure	2386

ELECTRONIC RECORDER DEPTH 4592 FT, RECORDER NUMBER 5463

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. HICKS-JOHNSON #1-10 Test #: 12 Date: 9-11-2001 SEC. 10
TWP. 30S RGE. 14W

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	HICKS-JOHNSON #1-10
TEST DATE	9/11/01	FORMATION TESTED	SIMPSON SAND
SECTION-TOWN-RANGE	10-30S-14W	DRILL STEM TEST NUMBER	12
STATE	KANSAS	REPORT NUMBER	14007
COUNTY	BARBER	ELEVATION KELLY BUSHINGS	1969
ELEVATION GROUND LEVEL	1960	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	KENT ROBERTS		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	4585	TOP PACKER DEPTH	4580
TEST INTERVAL (to)	4598	BOTTOM PACKER DEPTH	4585
ANCHOR LENGTH	13	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	4598	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from)

TOOL OPEN (to)

DURATION (min.)

INITIAL SHUT-IN

TOOL CLOSED (from)

TOOL CLOSED (to)

DURATION (min.)

FINAL OPEN

TOOL OPEN (from)

TOOL OPEN (to)

DURATION (min.)

FINAL SHUT-IN

TOOL CLOSED (from)

TOOL CLOSED (to)

DURATION (min.)

PRESSURE READINGS

INITIAL HYDROSTATIC

INITIAL FLOW

FINAL INITIAL FLOW

INITIAL SHUT-IN

INITIAL FINAL FLOW

FINAL FLOW

FINAL SHUT-IN

FINAL HYDROSTATIC

MAXIMUM TEMPERATURE

TOP RECORDER DEPTH

RECORDER NUMBER

BOTTOM RECORDER DEPTH

RECORDER NUMBER

INITIAL BLOW

FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 2 1/2 MINUTES

FINAL BLOW

FARI BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 8 MINUTES

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 **4309**

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 **9.3**

VISCOSITY **86**

WATER LOSS **10.2**

CHLORIDES-PITS **10500**

CHLORIDES-DST **62000**

FEET OF RECOVERY		RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	240	GAS IN THE PIPE				
2)	120	MUDDY GASSY WATER				
3)	600	GASSY WATER-CHLORIDES 62000				
4)						
5)						
6)						
7)						
8)						
9)						
10)						
11)						
12)						
13)						
14)						
15)						
		TOTAL RECOVERY				

COMMENTS