

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONSERVATION DIVISION  
WICHITA, KS  
ORIGINAL

Operator: License # 5056  
 Name: F.G. Holl Company, L.L.C.  
 Address: 6427 E. Kellogg, P.O. BOX 780167  
 City/State/Zip: Wichita, KS. 67278-0167  
 Purchaser: NCRA  
 Operator Contact Person: Franklin R. Greenbaum  
 Phone: (316) 684-8481  
 Contractor: Name: Sterling Drilling Company, Rig 4  
 License: 5142  
 Wellsite Geologist: Bill Ree  
 Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)  
 If Workover/Re-entry: Old Well Info as follows:  
 Operator: \_\_\_\_\_  
 Well Name: \_\_\_\_\_  
 Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_  

<u>5/25/01</u>	<u>6/5/01</u>	<u>6/5/01</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 159-22388-0000  
 County: Rice  
SE SW NW 50' N of  
 Sec. 7 Twp. 21 S. R. 10  East  West  
2260 feet from S /  (circle one) Line of Section  
990 feet from E /  (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE  NW SW  
 Lease Name: FREDERICK "A" Well #: 1-7  
 Field Name: \_\_\_\_\_  
 Producing Formation: N/A  
 Elevation: Ground: 1728' Kelly Bushing: 1737'  
 Total Depth: 3450 Plug Back Total Depth: N/A  
 Amount of Surface Pipe Set and Cemented at 224 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from \_\_\_\_\_  
 feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cml.

Drilling Fluid Management Plan DYA 7/23/01 MB  
 (Data must be collected from the Reserve Pit)  
 Chloride content 42,000 ppm Fluid volume 240 bbls  
 Dewatering method used Hauled free fluids to disposal  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: Pauls Oilfield Services, Inc.  
 Lease Name: STARGEL # 2 License No.: 31085  
 Quarter NE Sec. 4 Twp. 22 S. R. 12  East  West  
 County: Stafford Docket No.: D-21,908

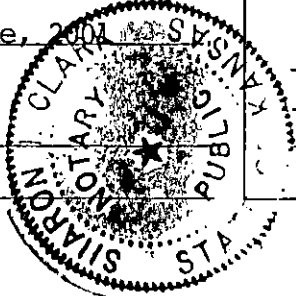
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Franklin R. Greenbaum  
 Title: Exploration Manager Date: 6/11/2001

Subscribed and sworn to before me this 11th day of June, 2001

Notary Public: Sharon S. Clark  
 Date Commission Expires: 3/16/2003



**KCC Office Use ONLY**

Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

KCC

Operator Name: F.G. Holl Company, L.L.C. Lease Name: FREDERICK "A" Well #: 1-7  
 Sec. 7 Twp. 21 S. R. 10  East  West County: Rice

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets)  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy)  List All E. Logs Run: <u>GAMMA RAY, HD INDVX / BR / CALIP; CNL;</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum  SEE ATTACHMENT
---	--

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
*Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	23#	224'KB	60/40 POZ	225	2%gel, 3%cc

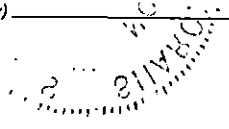
ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	N/A		

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas      METHOD OF COMPLETION      Production Interval

Vented  Solid  Used on Lease  Open Hole  Perforated  Dually Comp.  Commingled  
 (If vented, Submit ACO-18.)  Other (Specify) \_\_\_\_\_



ORIGINAL

Sample Tops	Top	Datum	E-Log Tops	Datum
Anhydrite				
Herrington	1403'	(+334)		
Winfield	1447	(+290)		
Towanda	1523	(+214)		
Ft. Riley	1560	(+177)		
Base Flourence	1656	(+81)		
Langdon SS.	2220	(-483)		
Stotler	2275	(-538)		
Tarkio	2341	(-604)		
Howard	2489	(-752)		
Severy	2541	(-804)		
Topeka	2595	(-858)		
Heebner	2884	(-1147)		
Douglas	2912	(-1175)		
Brown Lime	3013	(-1276)		
LKC	3028	(-1291)		
BKC	3274	(-1537)		
Viola Chert	3310	(-1573)		
Simpson	3333	(-1596)		
Simpson SS.	3337	(-1600)		
Arbuckle	3386	(-1649)		
RTD	3450	(-1713)		
LTD	3445	(-1708)		

15-159-22388-0000

# Paul's Oilfield Service, Inc.

P.O. Box 1773  
Great Bend, KS 67530

# ORIGINAL Invoice

DATE	INVOICE #
6/5/2001	16660

RECEIVED  
KANSAS CORPORATION COMMISSION

JUL 13 2001

CONSERVATION DIVISION  
WICHITA, KS

BILL TO
FG Holl LLC P.O. Box 158 Belpre, KS 67519-0158

ENT'D JUL - 3 2001

TERMS
Net 30

DESCRIPTION	RATE	QUANTITY	AMOUNT
<i>Frederick</i> FAIRFIELD - Pulled 3 loads free water from reserve pit, hauled to Stargel SWD.	55.00	5	275.00
Salt Water Disposal Fee	0.15	240	36.00
<p><i>7/10/01</i> <i>4081090</i></p>			
<b>Rob Long</b>			
<b>Total</b>			<b>\$311.00</b>

Thank you for your business.



PAID JUN 22 2001  
#29904

SALES OFFICE:  
105 S. Broadway  
Suite #420  
Wichita KS 67202  
(316) 262-3699  
(316) 262-5799 FAX

SALES & SERVICE OFFICE:  
10244 NE Hiway 61  
P.O. Box 8613  
Pratt, KS 67124-8613  
(316) 672-1201  
(316) 672-5383 FAX

ORIGINAL

ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to:  F G HOLL P O BOX 158 BELPRE, KS 67519	3678275	Invoice	Invoice Date	Order	Order Date
		105089	5/29/01	3670	5/25/01
	Service Description				
	Cement 406/1050				
		Lease	Well		
		Fredrick	AI-7		
* AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms
	Daryl Krier	T. Seba	New Well		Net 30

ID.	Description	UOM	Quantity	Unit Price	Price
D202	60/40 POZ	SK	225		
C310	CALCIUM CHLORIDE	LBS	582		
C195	CELLFLAKE	LB	55		
F143	WOODEN CEMENT PLUG, 8 5/8"	EA	1		
E107	CEMENT SERVICE CHARGE	SK	225		
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	55		
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	534		
R200	CASING CEMENT PUMPER, 0-300'	EA	1		

RECEIVED  
KANSAS CORPORATION COMMISSION

JUL 13 2001

CONSERVATION DIVISION  
WICHITA, KS

Discount

Tax Rate: 5.90%

(T) Taxable Item

ENT'D JUN 14 2001



Rob Long

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.

# TREATMENT REPORT

03297



Customer ID	Date
Customer FIG - 11011	5-25-01 ORIGINAL
Lease FREDRICK 'A'	Lease No.
	Well # 1-7
Field Order # 03670	Station Pratt
Casing	Depth
County Rice	State KS

Type Job Surface New Well	Formation	Legal Description 7-21-10
------------------------------	-----------	------------------------------

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 7/8	Tubing Size	Shots/Ft		Acid 225 SKS		RATE	PRESS	ISIP
Depth 329.77	Depth	From	To	Pro Pad 60/40 Poz	Max			5 Min.
Volume	Volume	From	To	Pad 240 Gall 375 G.L.	Min			10 Min.
Max Press	Max Press	From	To	Frac 1/4" CELLHAYS	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

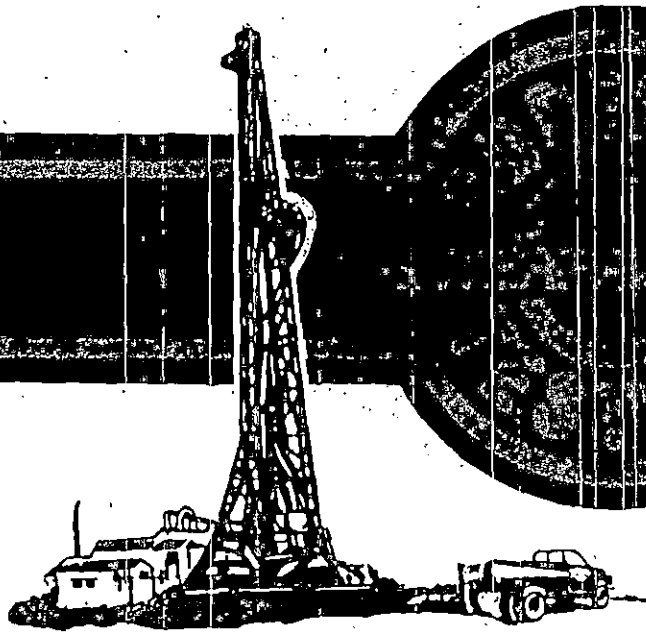
Customer Representative DARYL KREGER	Station Manager D. AUSTRY	Treater T. SOBZA
---	------------------------------	---------------------

Service Units	108	35	57	38	72
---------------	-----	----	----	----	----

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00					called out
9:30					on loc w/ Tek's SAFETY mtg
					Ran 5 JT's 2 7/8 CSG 24"
					RECEIVED KANSAS CORPORATION COMMISSION
10:50					Hook up to CSG JUL 13 2001
11:00	100		15	5.5	Break core w/ Pump 15 bbls Alkyl
11:03					START MIXING CEMENT CONSERVATION DIVISION WICHITA, KS
11:08			50		FINISHED MIXING CEMENT
11:10					SHUT DOWN
11:13					Release Plug 2 7/8 Woods
11:14			13.6		START DISP
11:20					Plug down
					Close valve on CSG
					Call cement to pet
					JOB Complete
					THANKS TOBO



Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. FREDICK "A" #1-7 Test #: 1 Date: 5-31-2001 SEC. 7 TWP.  
21S R05 10W



RECEIVED  
KANSAS CORPORATION COMMISSION

AUG 22 2001

CONSERVATION DIVISION  
WICHITA, KS

API# 15-159-22388-0000

Rec'd 7-13-01

# Formation Testing Service Report



# Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 5-31-01 Location S<sup>1</sup>/<sub>4</sub> - 31 - 14<sup>th</sup> W 7-21<sup>st</sup> - 10<sup>th</sup> W Elevation 17374.8 County Rice

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

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

Drilling Contractor Steelwise Drilling R<sup>o</sup> #4

Length Drill Pipe 2275 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 None 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 2540 Bottom Packer Depth 2545 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 2545 TO 2598 ANCHOR LENGTH 53 TOTAL DEPTH 2598 Hole Size 7 7/8"

LEASE & WELL NO. FREDRICK 9" #17 FORMATION TESTED SEWER TEST NO. 1

Mud Weight 48.8 Viscosity 42 Water Loss 8.81 Chlorides - Pits 4700 D.S.T. 118000

Maximum Temp. 95 °F Initial Hydrostatic Pressure (A) 1299 P.S.I. Final Hydrostatic Pressure (H) 1278 P.S.I.

Tool Open I.F.P. from 9:45 m to 10:00 m 15 min

Tool Closed I.C.I.P. from 10:00 m to 10:30 m 30 min

Tool Open F.F.P. from 10:30 m to 10:45 m 15 min

Tool Closed F.C.I.P. from 10:45 m to 11:15 m 30 min

Initial Blow Fair blow built to the bottom of a 5 Gallon bucket in 3 minutes

Final Blow Good blow built to the bottom of a 5 Gallon bucket in 1 minute

Total Feet Recovered 1300 Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

1300 Feet of Cassy Salt water % 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 \_\_\_\_\_

\_\_\_\_\_ 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 W/alt None

Top Recorder No. 7825 Clock No. Electric Depth 2591 Cir. Sub None Sampler None

Bottom Recorder No. 13189 Clock No. 47441 Depth 2595 Insurance None

Price of Job \_\_\_\_\_

Tool Operator Gene Bulby

Approved By \_\_\_\_\_

ME 11851

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to 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.**

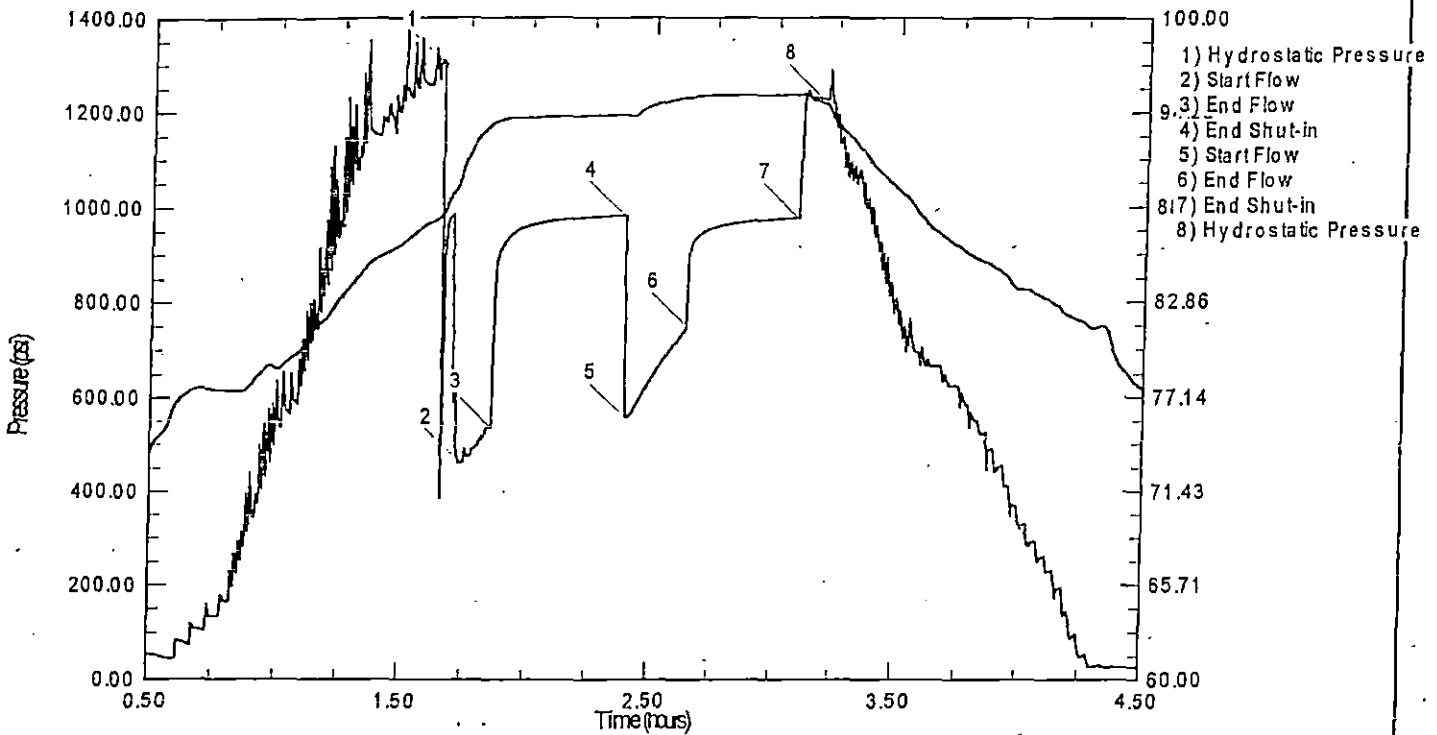
Great Bend, Kansas

**CHART DATA**

(316) 792-6902

State ..... KANSAS  
 County ..... RICE  
 Field .....

Test Date ..... May 31, 2001  
 Sec Town Range ..... 7-21S-10W  
 Report Number ..... 11831



**Field Reading**

(1)	Initial Hydrostatic Pressure	1299
(2)	Initial Flow Pressure	459
(3)	Final Initial Flow Pressure	534
(4)	Initial Shut-In Pressure	981
(5)	Initial Final Flow Pressure	555
(6)	Final Flow Pressure	745
(7)	Final Shut-In Pressure	976
(8)	Final Hydrostatic Pressure	1228

ELECTRONIC RECORDER DEPTH 2591 FT, RECORDER NUMBER 78225

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. FREDICK "A" #1-7 Test #: 1 Date: 5-31-2001 SEC. 7 TWP.  
 21S RGE. 10W

# 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 .....	FREDICK "A" #1-7
TEST DATE .....	5/31/01	FORMATION TESTED .....	SEVERY
SECTION-TOWN-RANGE .....	7-21S-10W	DRILL STEM TEST NUMBER .....	1
STATE .....	KANSAS	REPORT NUMBER .....	11831
COUNTY .....	RICE	ELEVATION KELLY BUSHINGS .....	1737
ELEVATION GROUND LEVEL .....	1728	TESTING ENGINEER .....	GENE BUDIG
COMPANY REPRESENTATIVE .....	BILL REE		

### TOOL SETTING INFORMATION

TEST INTERVAL (From) .....	2545	TOP PACKER DEPTH .....	2540
TEST INTERVAL (to) .....	2598	BOTTOM PACKER DEPTH .....	2545
ANCHOR LENGTH .....	53	NUMBER OF PACKERS .....	2
TOTAL DEPTH (ft) .....	2598	PACKER SIZE .....	6 3/4
		HOLE SIZE .....	7 7/8

### FLOW TIMES

*INITIAL OPEN*

TOOL OPEN (from) .....	9:45
TOOL OPEN (to) .....	10:00
DURATION (min.) .....	15

*INITIAL SHUT-IN*

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

*FINAL OPEN*

TOOL OPEN (from) .....	10:30
TOOL OPEN (to) .....	10:45
DURATION (min.) .....	15

*FINAL SHUT-IN*

TOOL CLOSED (from) .....	10:45
TOOL CLOSED (to) .....	11:15
DURATION (min.) .....	30

### PRESSURE READINGS

INITIAL HYDROSTATIC .....	1299
INITIAL FLOW .....	459
FINAL INITIAL FLOW .....	534
INITIAL SHUT-IN .....	981
INITIAL FINAL FLOW .....	555
FINAL FLOW .....	745
FINAL SHUT-IN .....	976
FINAL HYDROSTATIC .....	1228
MAXIMUM TEMPERATURE .....	95
TOP RECORDER DEPTH .....	2591
RECORDER NUMBER .....	78225
BOTTOM RECORDER DEPTH .....	2595
RECORDER NUMBER .....	13189

### INITIAL BLOW

FAIR BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 3 MINUTES

### FINAL BLOW

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

### EXTRA EQUIPMENT

EXTRA PAKERS (3RD) .....	NO
EXTRA PAKERS (4TH) .....	NO
SAFETY JOINT .....	YES
STRADDLE .....	NO
ELECTRONIC RECORDER .....	YES
HOOKE WALL .....	NO
CIRCULATING SUB .....	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 ..... **2275**

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 ..... **8.7**

VISCOSITY ..... **42**

WATER LOSS ..... **8.8**

CHLORIDES-PITS ..... **4700**

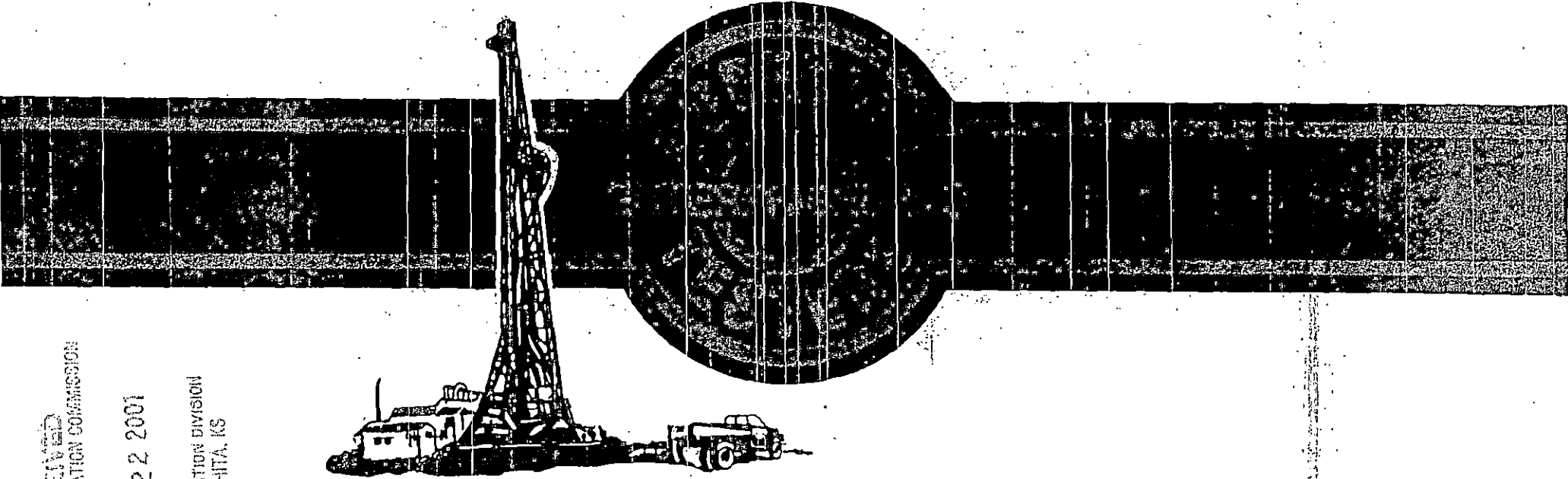
CHLORIDES-DST ..... **118000**

FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	1300 GASSY SALT WATER CHLORIDES 118000				
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					

TOTAL RECOVERY

### COMMENTS

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. FREDRICK "A" #1-7 Test #: ~~20~~<sup>7</sup> Date: 6-02-2001 SEC. 7 TWP. 1  
21S RGE. 10W



RECEIVED  
KANSAS CORPORATION COMMISSION

AUG 22 2001

CONSERVATION DIVISION  
WICHITA, KS

# Formation Testing Service Report

# Superior Testers Enterprises, Inc.

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

(316) 792-6902

1737 K.S.

Date 6-2-01 Location SE 1/4 - 9th - 4th - 7-215-10th Elevation 172864 County Lea

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

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

Drilling Contractor Helix Drilling #164

Length Drill Pipe 2995 I.D. Drill Pipe 3.80 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 1 1/2"

Top Packer Depth 3260 Bottom Packer Depth 3265 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3265 TO 3301 ANCHOR LENGTH 36 TOTAL DEPTH 3301 Hole Size 2 7/8"

LEASE & WELL NO. Fredink #19#1-7 FORMATION TESTED Quasar City TEST NO. 2

Mud Weight 9.01 Viscosity 38 Water Loss 9.4 Chlorides - Pits 9200 D.S.T. \_\_\_\_\_

Maximum Temp. 101 °F Initial Hydrostatic Pressure (A) 16.30 P.S.I. Final Hydrostatic Pressure (H) 1594 P.S.I.

Tool Open I.F.P. from 11:30 AM to 11:45 PM 15 min

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

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

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

Initial Blow VERY weak surface blow for 10 minutes & died

Final Blow no blow

Total Feet Recovered 5 Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

5 Feet of Oil 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 \_\_\_\_\_

\_\_\_\_\_ 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. Electron Depth 3294 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 17158 Clock No. 47441 Depth 3298 Insurance NONE

Price of Job \_\_\_\_\_

Tool Operator Don Suder

Approved By \_\_\_\_\_  
NO. 11832

from [B] <u>50</u> P.S.I. to [C] <u>56</u> P.S.I.
[D] <u>106</u> P.S.I.
from [E] <u>55</u> P.S.I. to [F] <u>58</u> P.S.I.
[G] <u>77</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.

Sta  
Co  
File

SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

CHART DATA

(316) 792-6902

State ..... KANSAS

Test Date ..... June 2, 2001

County ..... RICE

Sec Town Range ..... 7-21S-10W

Field .....

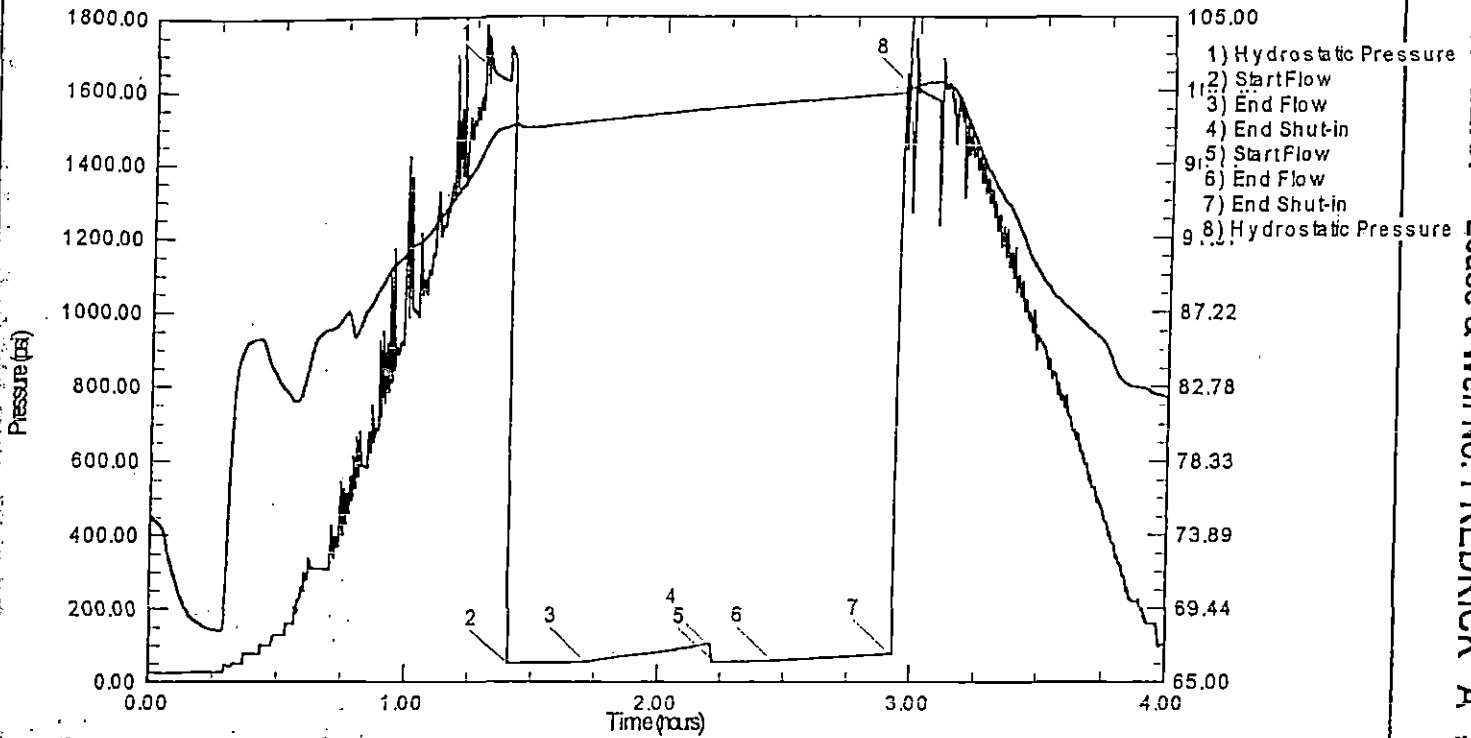
Report Number ..... 11832

Company: F.G.HOLL COMPANY L.L.C.  
21S RGE. 10W

Lease & Well No. FREDRICK "A" #1-7

Test #: 2

Date: 6-02-2001 SEC. 7 TWP.



Field Reading

(1)	Initial Hydrostatic Pressure	1632
(2)	Initial Flow Pressure	50
(3)	Final Initial Flow Pressure	56
(4)	Initial Shut-In Pressure	106
(5)	Initial Final Flow Pressure	55
(6)	Final Flow Pressure	58
(7)	Final Shut-In Pressure	77
(8)	Final Hydrostatic Pressure	1594

ELECTRONIC RECORDER DEPTH 3294 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.HOL COMPANY L.L.C.	LEASE AND WELL NUMBER .....	FREDRICK #"A" 1-7
TEST DATE .....	6/2/01	FORMATION TESTED .....	KANSAS CITY
SECTION-TOWN-RANGE .....	7-21S-10W	DRILL STEM TEST NUMBER .....	2
STATE .....	KANSAS	REPORT NUMBER .....	11832
COUNTY .....	RICE	ELEVATION KELLY BUSHINGS .....	1728
ELEVATION GROUND LEVEL .....	1728	TESTING ENGINEER .....	GENE BUDIG
COMPANY REPRESENTATIVE .....	BILL REE		

**TOOL SETTING INFORMATION**

TEST INTERVAL (From) .....	3265	TOP PACKER DEPTH .....	3260
TEST INTERVAL (to) .....	3301	BOTTOM PACKER DEPTH .....	3265
ANCHOR LENGTH .....	36	NUMBER OF PACKERS .....	2
TOTAL DEPTH (ft) .....	3301	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 ..... 1632  
INITIAL FLOW ..... 50  
FINAL INITIAL FLOW ..... 56  
INITIAL SHUT-IN ..... 106  
INITIAL FINAL FLOW ..... 55  
FINAL FLOW ..... 58  
FINAL SHUT-IN ..... 77  
FINAL HYDROSTATIC ..... 1594

MAXIMUM TEMPERATURE ..... 101

TOP RECORDER DEPTH ..... 3294  
RECORDER NUMBER ..... 78225  
BOTTOM RECORDER DEPTH ..... 3298  
RECORDER NUMBER ..... 13189

INITIAL BLOW                      VERY WEAK SURFACE BLOW FOR 10 MINUTES AND DIED

FINAL BLOW                      NO BLOW

**EXTRA EQUIPMENT**

EXTRA PACKER (3RD) .....	NO
EXTRA PACKER (4TH) .....	NO
STRADDLE .....	NO
HOOK WALL .....	NO
SAMPLER .....	NO
WELLSHOES .....	NO
SAFETY JOINT .....	YES
ELECTRONIC RECORDER .....	YES
CIRCULATING SUB .....	NO





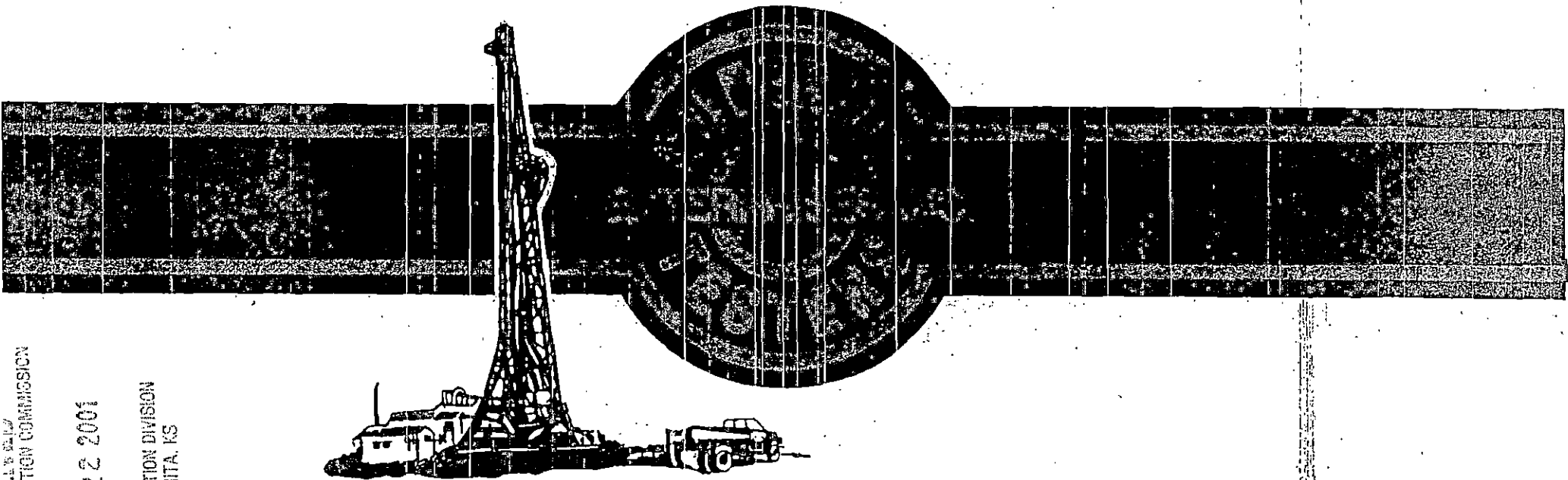
Company: F.G.HOLL COMPANY L.L.C.  
RGE. 10W

ure

Lease & Well No. FREDRICK "A" #1-7 Test #: 6-3-2001 Date: SEC. 7 TWP. 21S

ure

3



WELL & OIL  
KANSAS CORPORATION COMMISSION

AUG 22 2001

CONSERVATION DIVISION  
WICHITA, KS

# Formation Testing Service Report

# Superior Testers Enterprises, Inc.

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

(316) 792-6902

1737 kb

Date 6-3-01 Location S<sup>1</sup>/<sub>2</sub>-S<sup>1</sup>/<sub>4</sub>-W<sup>1</sup>/<sub>4</sub>-7-21-10<sup>W</sup> Elevation 17286L County Rice

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

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

Drilling Contractor Steelers Drilling Rig #4

Length Drill Pipe 3036 I.D. Drill Pipe 3.80 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 1 1/2"

Top Packer Depth 3301 Bottom Packer Depth 3306 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3306 TO 3358 ANCHOR LENGTH 52 TOTAL DEPTH 3358 Hole Size 2 7/8"

LEASE & WELL NO. Frederick #1-7 FORMATION TESTED Wich Simpson TEST NO. 3

Mud Weight 9.3 Viscosity 44 Water Loss 11.4 Chlorides - Pits 12000 D.S.T. 24000

Maximum Temp. 109 °F Initial Hydrostatic Pressure (A) 1632 P.S.I. Final Hydrostatic Pressure (H) 1598 P.S.I.

Tool Open I.F.P. from 1:30 pm to 2:00 pm 30 min

Tool Closed I.C.I.P. from 2:00 pm to 3:00 pm 60 min

Tool Open F.F.P. from 3:00 pm to 3:15 pm 15 min

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

from [B] <u>969</u> P.S.I. to [C] <u>1150</u> P.S.I.
[D] <u>1169</u> P.S.I.
from [E] <u>1162</u> P.S.I. to [F] <u>1163</u> P.S.I.
[G] <u>1169</u> P.S.I.

Initial Blow Show 6 blow bottom of the bucket in 45 seconds decreased to a fair bl

Final Blow work building below built to 4 inches into the water

Total Feet Recovered 2500 Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

<u>2500</u> Feet of <u>SALT WATER CHLORIDES 24000</u>	% Gas	<u>1</u>	% Oil	_____	% Mud	_____	% Water	_____
_____ Feet of _____	% Gas	_____	% Oil	_____	% Mud	_____	% Water	_____
_____ Feet of _____	% Gas	_____	% Oil	_____	% Mud	_____	% Water	_____
_____ Feet of _____	% Gas	_____	% Oil	_____	% Mud	_____	% Water	_____
_____ Feet of _____	% Gas	_____	% Oil	_____	% Mud	_____	% Water	_____
_____ Feet of _____	% Gas	_____	% Oil	_____	% Mud	_____	% Water	_____
_____ Feet of _____	% Gas	_____	% Oil	_____	% Mud	_____	% Water	_____
_____ Feet of _____	% Gas	_____	% Oil	_____	% Mud	_____	% Water	_____
_____ Feet of _____	% Gas	_____	% Oil	_____	% Mud	_____	% Water	_____

Remarks \_\_\_\_\_

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

Top Recorder No. 78275 Clock No. Electronic Depth 33 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13189 Clock No. 47442 Depth 3355 Insurance NONE

Price of Job \_\_\_\_\_

Tool Operator Sam Budz

Approved By 11033

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.

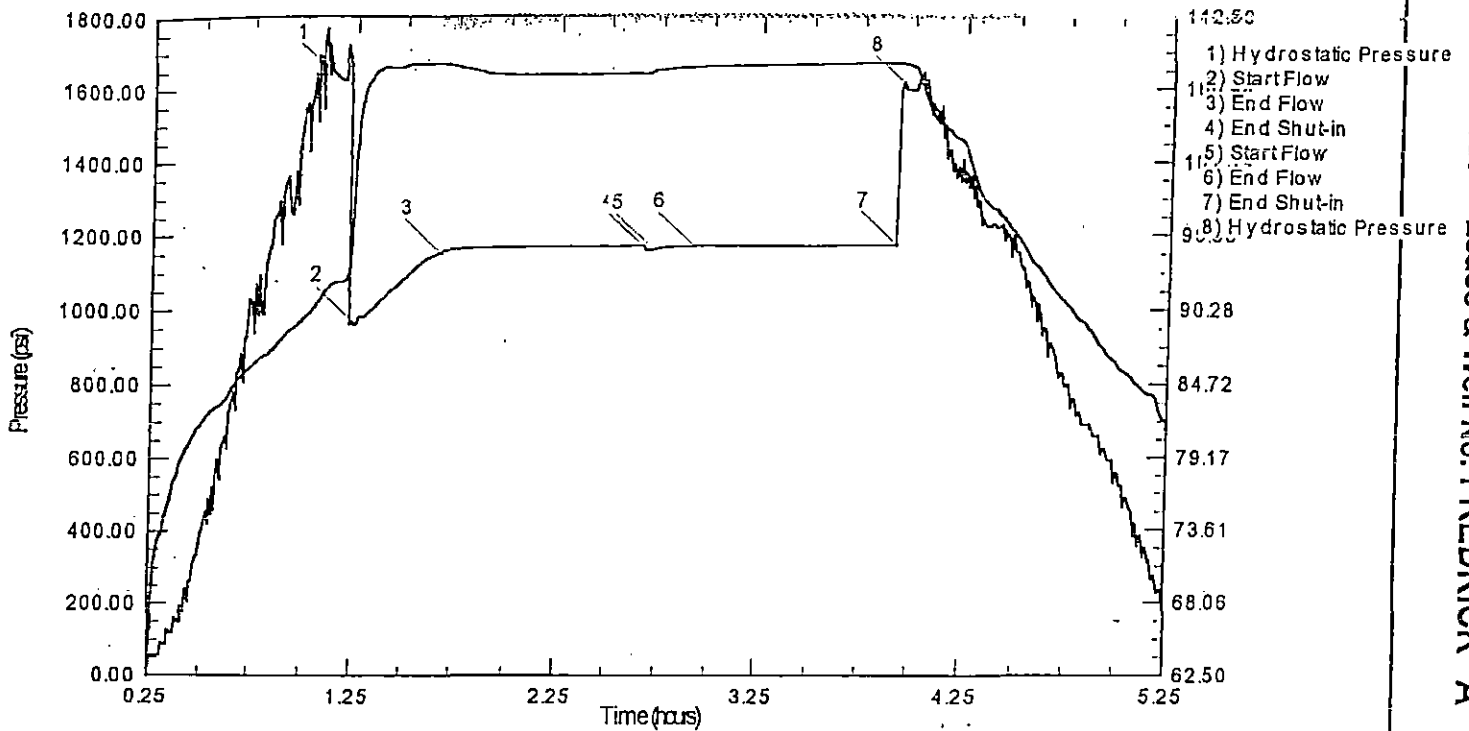
Great Bend, Kansas

CHART DATA

(316) 792-6902

State ..... KANSAS  
 County ..... RICE  
 Field .....

Test Date ..... June 3, 2001  
 Sec Town Range ..... 7-21S-10W  
 Report Number ..... 11833



Field Reading

(1)	Initial Hydrostatic Pressure	1632
(2)	Initial Flow Pressure	969
(3)	Final Initial Flow Pressure	1150
(4)	Initial Shut-In Pressure	1169
(5)	Initial Final Flow Pressure	162
(6)	Final Flow Pressure	1163
(7)	Final Shut-In Pressure	1169
(8)	Final Hydrostatic Pressure	1598

ELECTRONIC RECORDER DEPTH 3351 FT, RECORDER NUMBER 78225

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. FREDRICK "A" #1-7 Test #: 6-3-2001 Date: SEC. 7 TWP. 21S  
 RGE. 10W

# 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 .....	FREDRICK "A" #1-7
TEST DATE .....	6/3/01	FORMATION TESTED .....	VIOLA-SIMPSON
SECTION-TOWN-RANGE .....	7-21S-10W	DRILL STEM TEST NUMBER .....	25
STATE .....	KANSAS	REPORT NUMBER .....	11833
COUNTY .....	RICE	ELEVATION KELLY BUSHINGS .....	1737
ELEVATION GROUND LEVEL .....	1728	TESTING ENGINEER .....	GENE BUDIG
COMPANY REPRESENTATIVE .....	BILL REE		

### TOOL SETTING INFORMATION

TEST INTERVAL (From) .....	3306	TOP PACKER DEPTH .....	3301
TEST INTERVAL (to) .....	3358	BOTTOM PACKER DEPTH .....	3306
ANCHOR LENGTH .....	52	NUMBER OF PACKERS .....	2
TOTAL DEPTH (ft) .....	3358	PACKER SIZE .....	6 3/4
		HOLE SIZE .....	7 7/8

### FLOW TIMES

*INITIAL OPEN*

TOOL OPEN (from) .....	1:30
TOOL OPEN (to) .....	2:00
DURATION (min.) .....	30

*INITIAL SHUT-IN*

TOOL CLOSED (from) .....	2:00
TOOL CLOSED (to) .....	3:00
DURATION (min.) .....	60

*FINAL OPEN*

TOOL OPEN (from) .....	3:00
TOOL OPEN (to) .....	3:15
DURATION (min.) .....	15

*FINAL SHUT-IN*

TOOL CLOSED (from) .....	3:15
TOOL CLOSED (to) .....	4:15
DURATION (min.) .....	60

### PRESSURE READINGS

INITIAL HYDROSTATIC .....	1632
INITIAL FLOW .....	969
FINAL INITIAL FLOW .....	1150
INITIAL SHUT-IN .....	1169
INITIAL FINAL FLOW .....	162
FINAL FLOW .....	1163
FINAL SHUT-IN .....	1169
FINAL HYDROSTATIC .....	1598
MAXIMUM TEMPERATURE .....	109
TOP RECORDER DEPTH .....	3351
RECORDER NUMBER .....	78225
BOTTOM RECORDER DEPTH .....	3355
RECORDER NUMBER .....	13189

### INITIAL BLOW

STRONG BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 45 SECONDS DECREASED TO A FAIR BLOW AT THE END OF THE FLOW

### FINAL BLOW

WEAK BUILDING BLOW BUILT TO 4 INCHES INTO THE WATER

### 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 ..... **3036**

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 ..... **44**

WATER LOSS ..... **11.6**

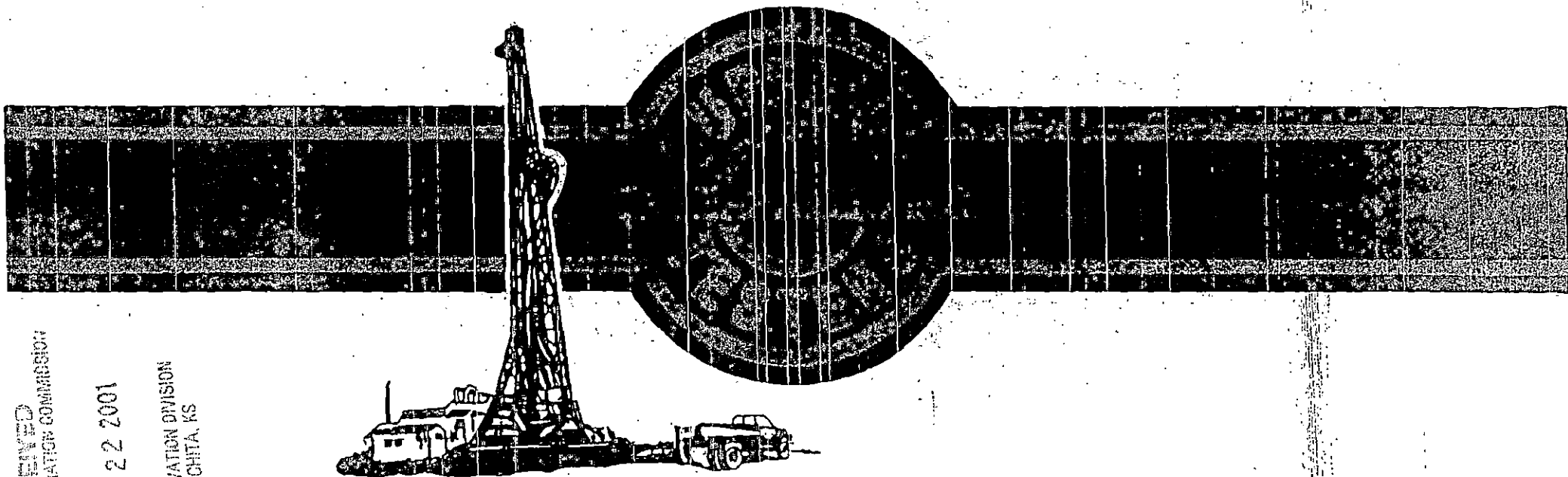
CHLORIDES-PITS ..... **12000**

CHLORIDES-DST ..... **24000**

FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1) 2500	SALT WATER CHLORIDES 24000				
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					
TOTAL RECOVERY					

**COMMENTS**

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. FREDRICK "A" #1-7 Test #: 4 Date:6-4-2001 SEC. 7 TWP. 21s



RECEIVED  
KANSAS CORPORATION COMMISSION

AUG 22 2001

CONSERVATION DIVISION  
WICHITA, KS

# Formation Testing Service Report

# Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 6-4-2001 Location S/E - 9<sup>th</sup> - 11<sup>th</sup> 7-21-10<sup>W</sup> Elevation 1737 K.B. County Rice

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

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

Drilling Contractor Steelings Drilling Rig #4

Length Drill Pipe 3122 I.D. Drill Pipe 2.80 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 3387 Bottom Packer Depth 3392 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3392 TO 3397 ANCHOR LENGTH 5 TOTAL DEPTH 3397 Hole Size 7 7/8"

LEASE & WELL NO. Frederick #1A #1-7 FORMATION TESTED Arbuckle TEST NO. 4

Mud Weight 9.31 Viscosity 44 Water Loss 11.6 Chlorides - Pits 12000 D.S.T. 28000

Maximum Temp. 111 °F Initial Hydrostatic Pressure (A) 1662 P.S.I. Final Hydrostatic Pressure (H) 1637 P.S.I.

Tool Open I.F.P. from 3:45 a.m. to 4:15 a.m. 30 min

Tool Closed I.C.I.P. from 4:15 a.m. to 5:15 a.m. 60 min

Tool Open F.F.P. from 5:15 a.m. to 6:15 a.m. 60 min

Tool Closed F.C.I.P. from 6:15 a.m. to 7:45 a.m. 90 min

Initial Blow Weak building blow built to 12 inches into the water

Final Blow Weak building blow built to the bottom of a 5 Collar bucket in 40 min.

Total Feet Recovered 450 Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

450 Feet of Drilling mud split water % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of CHLORIDES 28000 % 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. 28226 Clock No. Electronic Depth 3393 Cir. Sub NONE Sampler NONE

Bottom Recorder No. \_\_\_\_\_ Clock No. \_\_\_\_\_ Depth \_\_\_\_\_ Insurance NONE

Price of Job \_\_\_\_\_

Tool Operator Gene Budy

Approved By \_\_\_\_\_

No. 11834

from [B] <u>48</u> P.S.I. to [C] <u>150</u> P.S.I.
[D] <u>1210</u> P.S.I.
from [E] <u>158</u> P.S.I. to [F] <u>244</u> P.S.I.
[G] <u>1209</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.

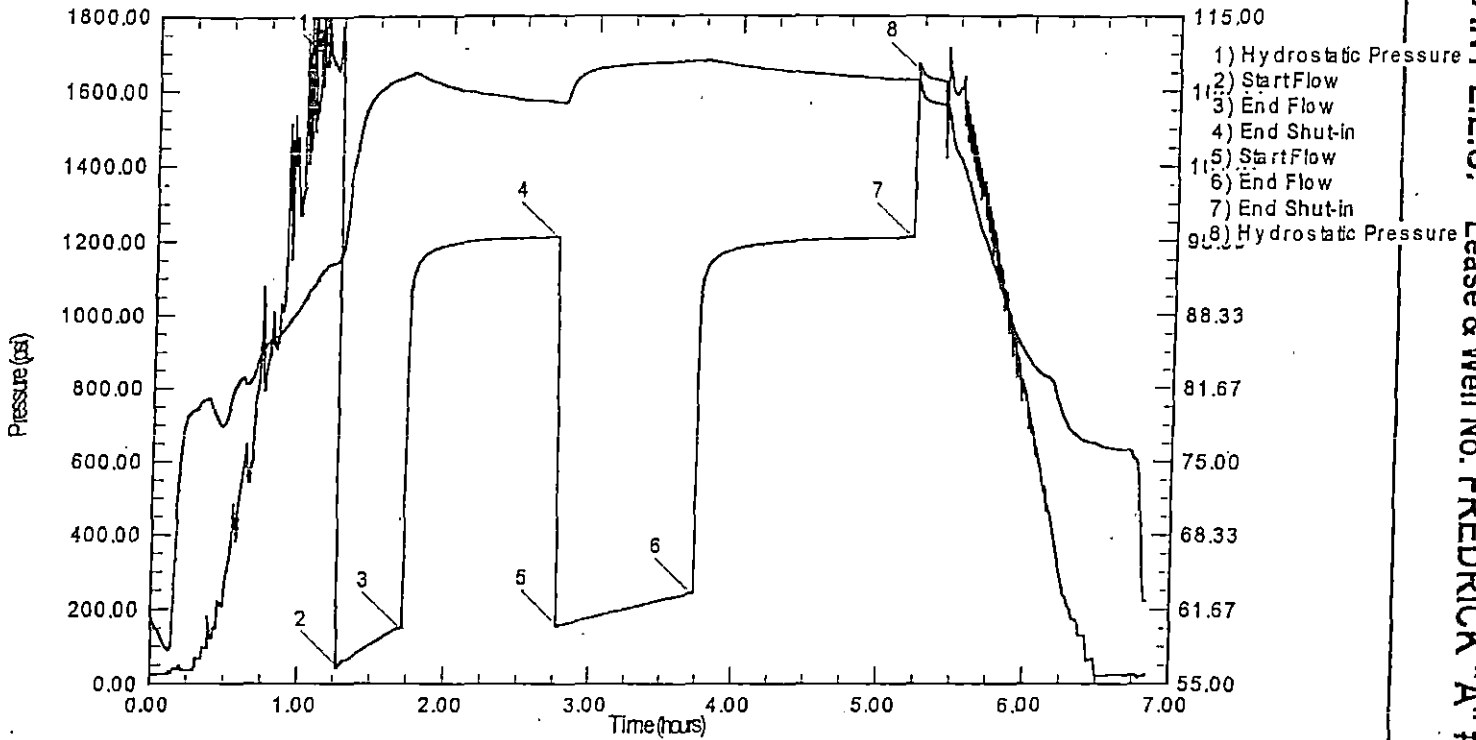
Great Bend, Kansas

CHART DATA

(316) 792-6902

State ..... KANSAS  
 County ..... RICE  
 Field .....

Test Date ..... June 4, 2001  
 Sec Town Range ..... 7-21S-10W  
 Report Number ..... 11834



Field Reading

(1)	Initial Hydrostatic Pressure	1662
(2)	Initial Flow Pressure	48
(3)	Final Initial Flow Pressure	150
(4)	Initial Shut-In Pressure	1210
(5)	Initial Final Flow Pressure	158
(6)	Final Flow Pressure	244
(7)	Final Shut-In Pressure	1209
(8)	Final Hydrostatic Pressure	1637

ELECTRONIC RECORDER DEPTH 3393 FT, RECORDER NUMBER 78225

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. FREDRICK "A" #1-7 Test #: 4 Date:6-4-2001 SEC. 7 TWP. 21S  
 RGE. 10W

# 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 .....	FREDRICK "A" #1-7
TEST DATE .....	6/4/01	FORMATION TESTED .....	ARBUCKLE
SECTION-TOWN-RANGE .....	7-21S-10W	DRILL STEM TEST NUMBER .....	4
STATE .....	KANSAS	REPORT NUMBER .....	11834
COUNTY .....	RICE	ELEVATION KELLY BUSHINGS .....	1737
ELEVATION GROUND LEVEL .....	1728	TESTING ENGINEER .....	GENE BUDIG
COMPANY REPRESENTATIVE .....	BILL REE		

### TOOL SETTING INFORMATION

TEST INTERVAL (From) .....	3392	TOP PACKER DEPTH .....	3387
TEST INTERVAL (to) .....	3397	BOTTOM PACKER DEPTH .....	3392
ANCHOR LENGTH .....	5	NUMBER OF PACKERS .....	2
TOTAL DEPTH (ft) .....	3397	PACKER SIZE .....	6 3/4
		HOLE SIZE .....	7 7/8

### FLOW TIMES

<i>INITIAL OPEN</i>	
TOOL OPEN (from) .....	3:45
TOOL OPEN (to) .....	4:15
DURATION (min.) .....	30
<i>INITIAL SHUT-IN</i>	
TOOL CLOSED (from) .....	4:15
TOOL CLOSED (to) .....	5:15
DURATION (min.) .....	60
<i>FINAL OPEN</i>	
TOOL OPEN (from) .....	5:15
TOOL OPEN (to) .....	6:15
DURATION (min.) .....	60
<i>FINAL SHUT-IN</i>	
TOOL CLOSED (from) .....	6:15
TOOL CLOSED (to) .....	7:45
DURATION (min.) .....	90

### PRESSURE READINGS

INITIAL HYDROSTATIC .....	1662
INITIAL FLOW .....	48
FINAL INITIAL FLOW .....	150
INITIAL SHUT-IN .....	1210
INITIAL FINAL FLOW .....	158
FINAL FLOW .....	244
FINAL SHUT-IN .....	1209
FINAL HYDROSTATIC .....	1637
MAXIMUM TEMPERATURE .....	111
TOP RECORDER DEPTH .....	3393
RECORDER NUMBER .....	78225
BOTTOM RECORDER DEPTH .....	
RECORDER NUMBER .....	13189

### INITIAL BLOW

WEAK BUILDING BLOW BUILT TO 12 INCHES INTO THE WATER

### FINAL BLOW

WEAK BUILDING BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 40 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 ..... **3122**

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 ..... **44**

WATER LOSS ..... **11.6**

CHLORIDES-PITS ..... **12000**

CHLORIDES-DST ..... **28000**

FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1) 450	SALT WATER CHLORIDES 28000				
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					
TOTAL RECOVERY					

### COMMENTS