

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 185-230920000
County Stafford
200 'N. & 90 'W. of
SE-NW-SW - Sec. 2 Twp. 21 Rge. 11 X W

Operator: License # 5056

1850 Feet from (S) (circle one) Line of Section
900 Feet from (W) (circle one) Line of Section

Name: F.G.HOLL CO., L.L.C.

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or (S) (circle one)

Address 6427 E.Kellogg

P.O.Box 780167

Lease Name Rugan "G" Well # 1-2

City/State/Zip Wichita, KS 67278-0167

Field Name Wildcat

Purchaser: NCRA

Producing Formation Viola and Simpson

Operator Contact Person: Elwyn H. Nagel

Elevation: Ground 1752' KB 1761'

Phone (316) 684-8481

Total Depth 3500 PBTD 3492

Contractor: Name: Sterling Drilling Company

Amount of Surface Pipe Set and Cemented at 222 Feet

License: 5142

Multiple Stage Cementing Collar Used? Yes X No

Wellsite Geologist: Franklin R. Greenbaum

If yes, show depth set NA Feet

Designate Type of Completion

If Alternate II completion, cement circulated from _____

New Well Re-Entry Workover

feet depth to NA w/ NA sx cmt.

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, ANODES, Cathodic, etc)

Drilling Fluid Management Plan AP-1 5-31-00 U.C.
(Data must be collected from the Reserve Pit)

If Workover: 3-29-00

KANSAS CORPORATION COMMISSION

Operator: MAR 29 2000

Chloride content NA ppm Fluid volume 450 bbls

Well Name: _____

Dewatering method used hauled offsite

Comp. Date CONSERVATION DIVISION

Location of fluid disposal if hauled offsite: _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

Operator Name Bob's Oil Service

Lease Name Sicker SWD License No. 32408

12-12-99 12-18-99 12-20-99

NW. Quarter Sec. 35 Twp. 19 S S Rng. 11 E/W

Spud Date Date Reached TD Completion Date

County Barton Docket No. D-26,497

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 on 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 Elwyn H. Nagel
Title Manager Date 3-22-00

Subscribed and sworn to before me this 22nd day of MARCH, 2000.

Notary Public Danny Dodd

Date Commission Expires April 2, 2001

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

DANNY DODD
Notary Public - State of Kansas
My Appt. Expires 4/2/2001

R

Operator Name F.G. HOLL CO., L.L.C. Lease Name Rugan "G" Well # 1-2
 Sec. 2 Twp. 21 Rge. 11 East County Stafford
 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	469	(+1292)
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	2649	(-888)
List All E.Logs Run:	HDIL/ GR ZDL/CN/ML/GR	Herington-Krider	1469	(+292)
	HDIP/GR/CRA	Hebner	2926	(-1165)
		Brown Lime	3058	(-1297)
		Lansing KC	3079	(-1318)
		Viola Chert	3330	(-1569)
		Simpson Sand	3342	(-1581)
		Arbuckle	3372	(-1611)
		LTD	3492	
		RTD	3500	

CASING RECORD New 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"		222' KB	60/40 Poz	225	2%Gel, 3%CC,
Production	7 7/8"	5-1/2"		3485'KB	50/50 poz	1750	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
4 BSPF	Viola 3327-3328, 3330-3336	250gal 7-1/2% msa acid	
4BSPF	Simpson 3342-3346	100gal 7-1/2% mira acid	

TUBING RECORD

Size 2-3/8 Set At 3296.69' Packer At NA Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 02/03/00 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil 25 Bbls.	Gas trace Mcf	Water NA Bbls.	Gas-Oil Ratio	Gravity 51.5
-----------------------------------	--------------	---------------	----------------	---------------	--------------

Disposition of Gas: **METHOD OF COMPLETION** Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval Viola-Simpson Sand
3327-3346

15.185.23092.0000

ORIGINAL

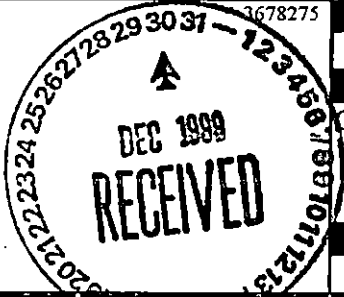


SALES OFFICE:
 105 S. Broadway
 Suite #420
 Wichita KS 67202
 (316) 262-3699
 (316) 262-5799 FAX

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

ACIDIZING · FRACTURING · CEMENTING

Invoice

Bill to:				Invoice	Invoice Date	Order	Order Date
F G HOLL P O BOX 158 BELPRE, KS 67519				991250	12/29/99	2296	12/20/99
				Service Description			
				Cement - Production string			
				Lease		Well	
				Rugan		G I-2	
A/E	Customer Rep	Treater	Well Type	Purchase Order	Terms		
	Rob Long	Dave Scott	New Well		Net 30		

ID.	Description	UOM	Quantity
D205	A-SERV' LITE	SK	25
D203	50/50 POZ	SK	175
C192	FLA-1, FLUID LOSS	LB	38
C195	CELLFLAKE	LB	38
C223	SALT (Fine)	LBS	1363
C322	GILSONITE	LB	745
C310	CALCIUM CHLORIDE	LBS	149
C300	"A" FLUSH	GAL	5
F111	BASKET, 5 1/2"	EA	1
F101	CENTRALIZER, 5 1/2"	EA	6
F251	CEMENT SCRATCHERS CABLE TYPE, 5 1/2" (NDI)	EA	20
F161	GUIDE SHOE-REGULAR, 5 1/2"	EA	1
R702	CASING SWIVEL RENTAL	EA	1
R701	CEMENT HEAD RENTAL	EA	1
F201	FLAPPER TYPE INSERT FLOAT VALVES, 5 1/2"	EA	1
F131	TOP RUBBER CEMENT PLUG, 5 1/2"	EA	1
E107	CEMENT SERVICE CHARGE	SK	200
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	50
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	428
R207	CASING CEMENT PUMPER, 30001-3500'	EA	1 \$

RECEIVED
 KANSAS CORPORATION COMMISSION

MAR 29 2000

CONSERVATION DIVISION
 WICHITA, KS

Sub total:

Discount:

Discount Sub Total:

ENTD JAN - 7 2000

Tax Rate: 5.90%

Taxes: 7

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 7

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

1-1401/151



ORIGINAL

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

ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to: F G HOLL P O BOX 158 BELPRE, KS 67519	3678275	Invoice #	Invoice Date	Order	Order Date
		991233	12/16/99	2290	12/12/99
	Service-Description				
	Cement - Surface pipe				
			Lease	Well	
			Rugan	G 1-2	
AFE	CustomerRep	Treater	Well-Type	Purchase Order	Terms
	Rob Long	Dave Scott	New Well		

ID.	Description	UOM	Quantity
D202	60/40 POZ	SK	225
C310	CALCIUM CHLORIDE	LBS	576
C195	CELLFLAKE	LB	48
F143	WOODEN CEMENT PLUG, 8 5/8"	EA	1
E107	CEMENT SERVICE CHARGE	SK	225
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	50
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	480
R200	CASING CEMENT PUMPER, 0-300'	EA	1

RECEIVED
 KANSAS CORPORATION COMMISSION

MAR 29 2000

CONSERVATION DIVISION
 WICHITA, KS



ENTD J

J E C F

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.

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 12-16-1999 Location 2-21st 11th & 6th - 9th Elevation 1761RB County Stafford

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

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

Drilling Contractor Steeling Drilling DB#4

Length Drill Pipe 2855 I.D. Drill Pipe 3.90 Tool Joint Size 4 1/2" X .1

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

Top Packer Depth 3020 Bottom Packer Depth 3025 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3025 TO 3045 ANCHOR LENGTH 20 TOTAL DEPTH 3045 Hole Size 7 3/8

LEASE & WELL NO. RUGAN "G" #1-2 FORMATION TESTED Douglas TEST NO. 1

Mud Weight 9.4 Viscosity 45 Water Loss 9.2 Chlorides - Pits 6600 D.S.T. _____

Maximum Temp. 98 °F Initial Hydrostatic Pressure (A) 1509 P.S.I. Final Hydrostatic Pressure (H) 1491 P.S.I.

Tool Open I.F.P. from 12:45 A.M. to 1:00 A.M. 15 min

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

Tool Open F.F.P. from 1:30 A.M. to 1:45 A.M. 15 min

Tool Closed F.C.I.P. from 1:45 A.M. to 2:15 A.M. 30 min

Initial Blow WEAK blow for 8 minutes & DISC

Final Blow NO blow - flushed tool - Good Surges - NO HELP

Total Feet Recovered 90 Gravity of Oil _____ Corrected _____

90 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 Slide tool 14 feet to bottom

MISS RUN & PLUGGED TOOL

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

Top Recorder No. 78225 Clock No. Electronic Depth 3038 Cir. Sub NONE Sampler NONE

Bottom Recorder No. B189 Clock No. 42441 Depth 3042 Insurance NONE

Price of Job _____

Tool Operator Gene Budy

Approved By _____

No 13880

from [B] <u>502</u> P.S.I. to [C] <u>822</u> P.S.I.
[D] <u>818</u> P.S.I.
from [E] <u>818</u> P.S.I. to [F] <u>821</u> P.S.I.
[G] <u>814</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

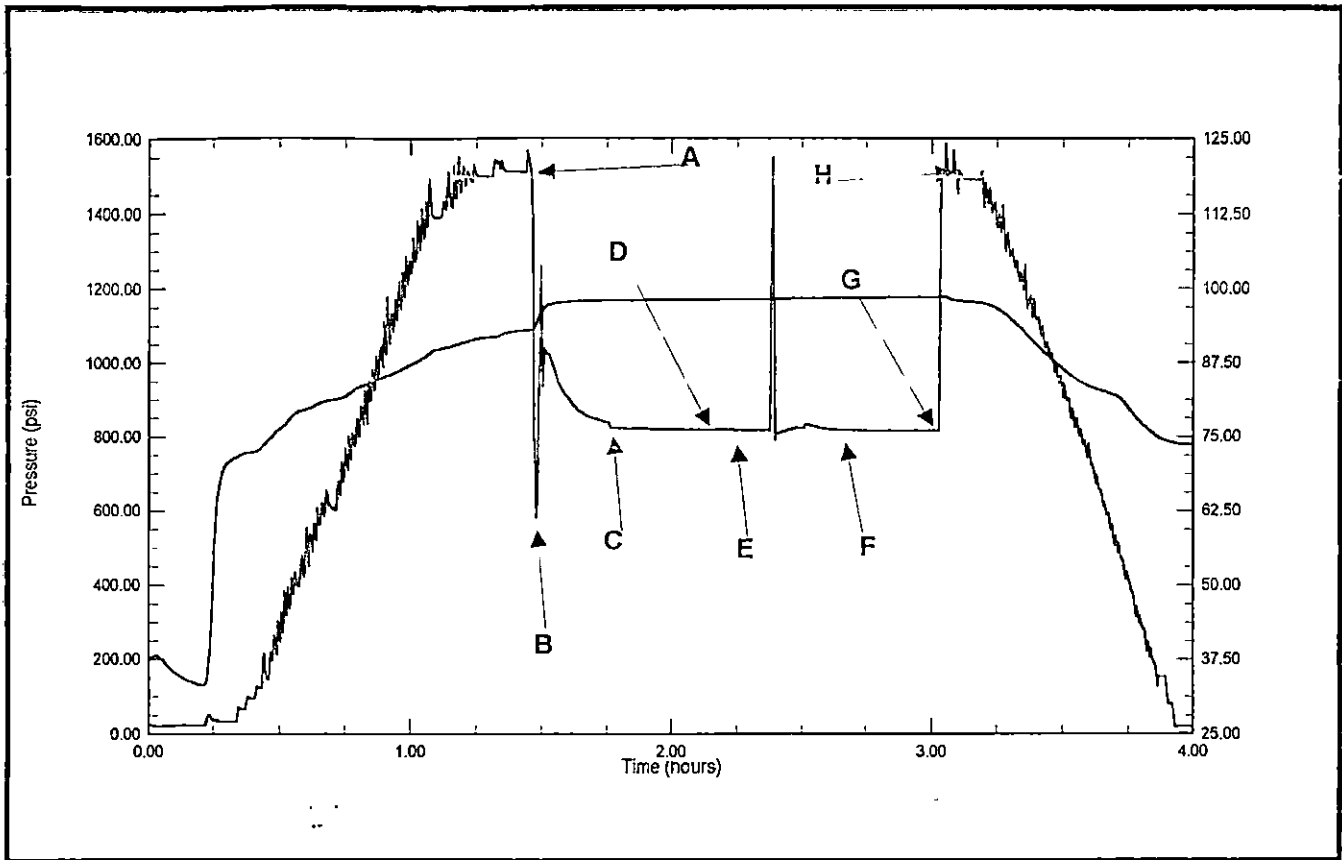
CHART DATA

(316) 792-6902

State KANSAS
 County STAFFORD
 Field

Test Date December 16, 1999
 Sec Town Range 2-21S-11W
 Report Number 13880

Company: F.C. HOLL COMPANY L.L.C. Lease & Well No. RUGAN "G" #1-2 Test # 1 Date: 12-16-1999
 SEC. 2 TWP. 21S RGE. 11W



Field Reading

(A)	Initial Hydrostatic Pressure	1509
(B)	Initial Flow Pressure	502
(C)	Final Initial Flow Pressure	822
(D)	Initial Shut-In Pressure	818
(E)	Initial Final Flow Pressure	818
(F)	Final Flow Pressure	821
(G)	Final Shut-In Pressure	814
(H)	Final Hydrostatic Pressure	1491

ELECTRONIC RECORDER DEPTH 3038 FT, RECORDER NUMBER 78225

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 12-17-1999 Location 2-21st 11th St E - N^W - S^W Elevation 1761 K^{ft} County Saline

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

Charts Mailed to 6427 East Kellogg Tulsa 74117 Wichita Falls 7278-0161

Drilling Contractor Steelcase Drilling 218+4

Length Drill Pipe 2830 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 3095 Bottom Packer Depth 3100 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3100 TO 3140 ANCHOR LENGTH 40 TOTAL DEPTH 3140 Hole Size 7 1/8"

LEASE & WELL NO. RUGAN '6" #1-2 FORMATION TESTED LANSING TEST NO. 2

Mud Weight 9.4 Viscosity 45 Water Loss None Chlorides - Pits 900 D.S.T. _____

Maximum Temp. 95 °F Initial Hydrostatic Pressure (A) 1553 P.S.I. Final Hydrostatic Pressure (H) 1536 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

from [B] <u>53</u> P.S.I. to [C] <u>58</u> P.S.I.
[D] <u>70</u> P.S.I.
from [E] <u>60</u> P.S.I. to [F] <u>65</u> P.S.I.
[G] <u>93</u> P.S.I.

Initial Blow Weak blow for 8 min & Dico

Final Blow Weak blow for 2 min & Dico flushed tool - Good succ. Weak

Total Feet Recovered 30 blow for 1 min & Dico Gravity of Oil _____ Corrected _____

<u>30</u> Feet of <u>Drilling Mud</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
_____ 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 3137 Cir. Sub None Sampler None

Bottom Recorder No. 13189 Clock No. _____ Depth 3137 Insurance None

Price of Job _____

Tool Operator Steve Smith

Approved By _____
No. 13881

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

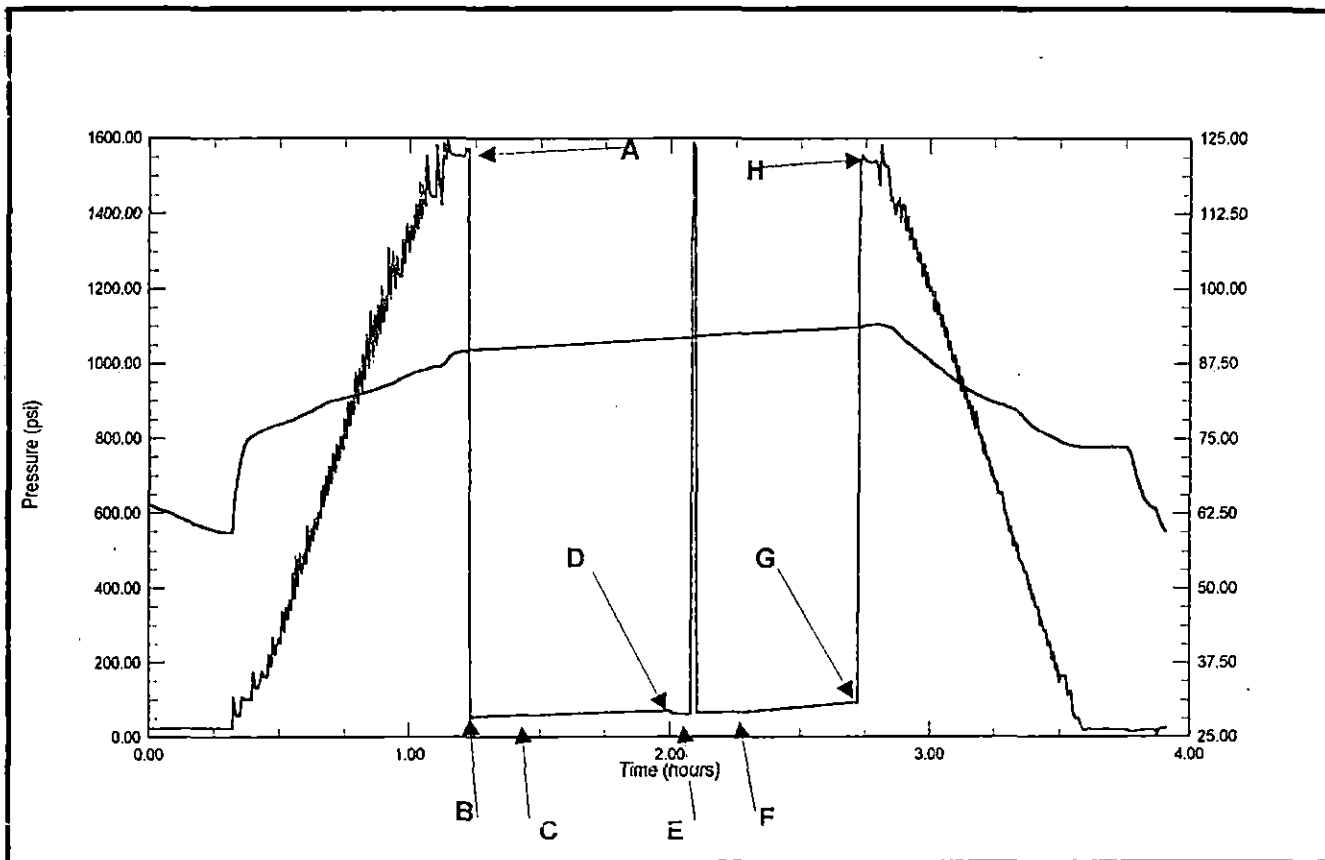
CHART DATA

(316) 792-6902

State KANSAS
 County STAFFORD
 Field

Test Date December 17, 1999
 Sec Town Range 2-21S-11W
 Report Number 13881

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. RUGAN "G" #1-2 Test # 2 Date: 12-17-1999
 SEC. 2 TWP. 21S RGE. 11W



Field Reading

(A)	Initial Hydrostatic Pressure	1553
(B)	Initial Flow Pressure	53
(C)	Final Initial Flow Pressure	58
(D)	Initial Shut-In Pressure	70
(E)	Initial Final Flow Pressure	60
(F)	Final Flow Pressure	65
(G)	Final Shut-In Pressure	93
(H)	Final Hydrostatic Pressure	1536

ELECTRONIC RECORDER DEPTH 3133 FT, RECORDER NUMBER 78225

Superior Testers Enterprises, Inc.

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

(316) 792-6902

1761KB

Date 12-18-1999 Location 4¹/₂ - 4¹/₂ - 5¹/₂ E-21⁵-11^W Elevation 17526L County Stafford

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

Charts Mailed to 10427 East Kansas P.O. Box 780167 Wichita Kansas 67278-0167

Drilling Contractor Stealing Drilling Rig #4

Length Drill Pipe 3055 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 2.75 Tool Joint Size 4 1/2" X-11

Top Packer Depth 3320 Bottom Packer Depth 3325 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3325 TO 3355 ANCHOR LENGTH 30 TOTAL DEPTH 3355 Hole Size 7 7/8"

LEASE & WELL NO. RUGAN 6" #1-2 FORMATION TESTED Viola-Simpson TEST NO. 3

Mud Weight 9.6 Viscosity 43 Water Loss 10.1 Chlorides - Pits 9800 D.S.T. _____

Maximum Temp. 106 °F Initial Hydrostatic Pressure (A) 1661 P.S.I. Final Hydrostatic Pressure (H) 1644 P.S.I.

Tool Open I.F.P. from 3:30 P.m to 4:00 P.m 30 min

Tool Closed I.C.I.P. from 4:00 P.m to 5:00 P.m 60 min

Tool Open F.F.P. from 5:00 P.m to 6:00 P.m 60 min

Tool Closed F.C.I.P. from 6:00 P.m to 7:30 P.m 90 min

from [B] <u>91</u> P.S.I. to [C] <u>164</u> P.S.I.
[D] <u>642</u> P.S.I.
from [E] <u>186</u> P.S.I. to [F] <u>283</u> P.S.I.
[G] <u>643</u> P.S.I.

Initial Blow Cool blow built to the bottom of a 5 gallon bucket in 2 1/2 minutes

Final Blow Cool blow - Gas to surface on 1st Shut-In - See Gas flow Report

Total Feet Recovered 725 Gravity of Oil 49 1/2 Corrected

<u>725</u> Feet of	<u>Clear Gas + oil</u>	<u>40%</u> Gas	<u>60%</u> Oil	<u>0%</u> Mud	<u>0%</u> Water
_____ Feet of	_____	_____ % Gas	_____ % Oil	_____ % Mud	_____ % Water
_____ Feet of	_____	_____ % Gas	_____ % Oil	_____ % Mud	_____ % Water
_____ Feet of	_____	_____ % Gas	_____ % Oil	_____ % Mud	_____ % Water
_____ Feet of	_____	_____ % Gas	_____ % Oil	_____ % Mud	_____ % Water
_____ Feet of	_____	_____ % Gas	_____ % Oil	_____ % Mud	_____ % Water
_____ Feet of	_____	_____ % Gas	_____ % Oil	_____ % Mud	_____ % Water
_____ 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 3348 Cir. Sub. NONE Sampler NONE

Bottom Recorder No. 13189 Clock No. 47441 Depth 3352 Insurance NONE

Price of Job _____

Tool Operator Howe bulley

Approved By _____

No. 13882

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

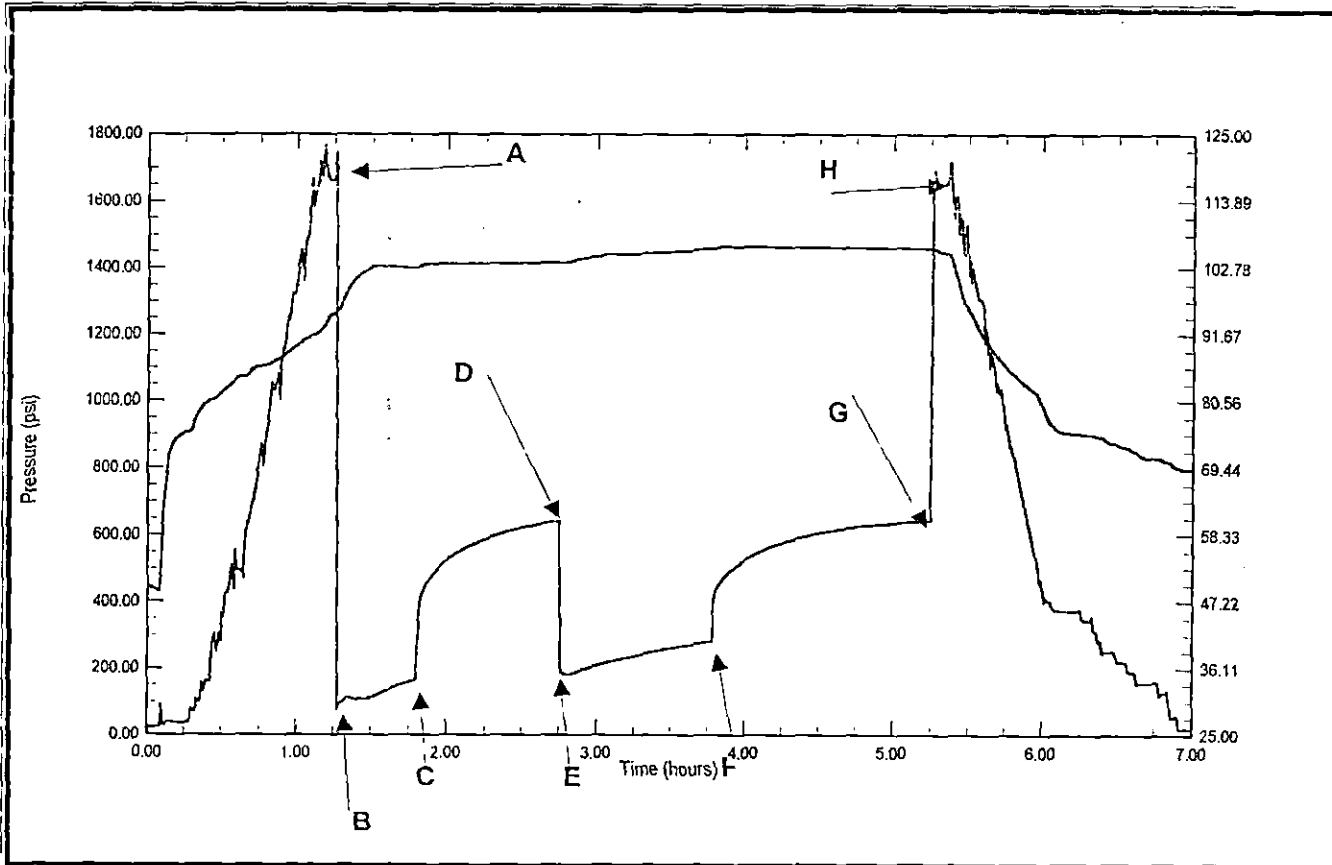
CHART DATA

(316) 792-6902

State KANSAS
 County STAFFORD
 Field

Test Date December 18, 1999
 Sec Town Range 2-21S-11W
 Report Number 13882

Company: J.G.HOLL COMPANY L.L.C. Lease & Well No. RUGAN "G" #1-2 Test # 3 Date: 12-18-1999
 SEC.2 TWP. 21S RGE. 11W



Field Reading

(A)	Initial Hydrostatic Pressure	1661
(B)	Initial Flow Pressure	91
(C)	Final Initial Flow Pressure	164
(D)	Initial Shut-In Pressure	642
(E)	Initial Final Flow Pressure	186
(F)	Final Flow Pressure	283
(G)	Final Shut-In Pressure	643
(H)	Final Hydrostatic Pressure	1644

ELECTRONIC RECORDER DEPTH 3348 FT, RECORDER NUMBER 78225

Superior Testers Enterprises, Inc.

P.O. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 12-18-1999 Location SE-2/1W-5W 2-21-11N Elevation 1761.48 County Stafford

Company Field Well Company LLC Number of Copies 5

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

Drilling Contractor Steel Drilling Rig #4

Length Drill Pipe 3103 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X 1"

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"

Top Packer Depth 3368 Bottom Packer Depth 3373 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3373 TO 3385 ANCHOR LENGTH 12 TOTAL DEPTH 3385 Hole Size 7 7/8"

LEASE & WELL NO. RUGAN "G" #1-2 FORMATION TESTED Arbuckle TEST NO. 4

Mud Weight 9.4 Viscosity 43 Water Loss 10.5 Chlorides - Pits 9200 D.S.T. _____

Maximum Temp. 96 °F Initial Hydrostatic Pressure (A) 1680 P.S.I. Final Hydrostatic Pressure (H) 1658 P.S.I.

Tool Open I.F.P. from 6:00 Am to 6:15 Am 15 min

Tool Closed I.C.I.P. from 6:15 Am to 6:30 Am 15 min

Tool Open F.F.P. from 6:30 Am to 6:45 Am 15 min

Tool Closed F.C.I.P. from 6:45 Am to 7:00 Am 15 min

Initial Blow Weak blow for 1 minute & DIED

Final Blow no blow - flushed tool - fair surge - no help

Total Feet Recovered 5 Gravity of Oil _____ Corrected _____

5 Feet of Drilling mud no show % 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. 76225 Clock No. Electronic Depth 3378 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13189 Clock No. 474+1 Depth 3382 Insurance NONE

Price of Job _____

Tool Operator Jane Burdy

Approved By _____

No. 13883

from [B] <u>34</u> P.S.I. to [C] <u>34</u> P.S.I.
[D] <u>51</u> P.S.I.
from [E] <u>34</u> P.S.I. to [F] <u>36</u> P.S.I.
[G] <u>452</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 of 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

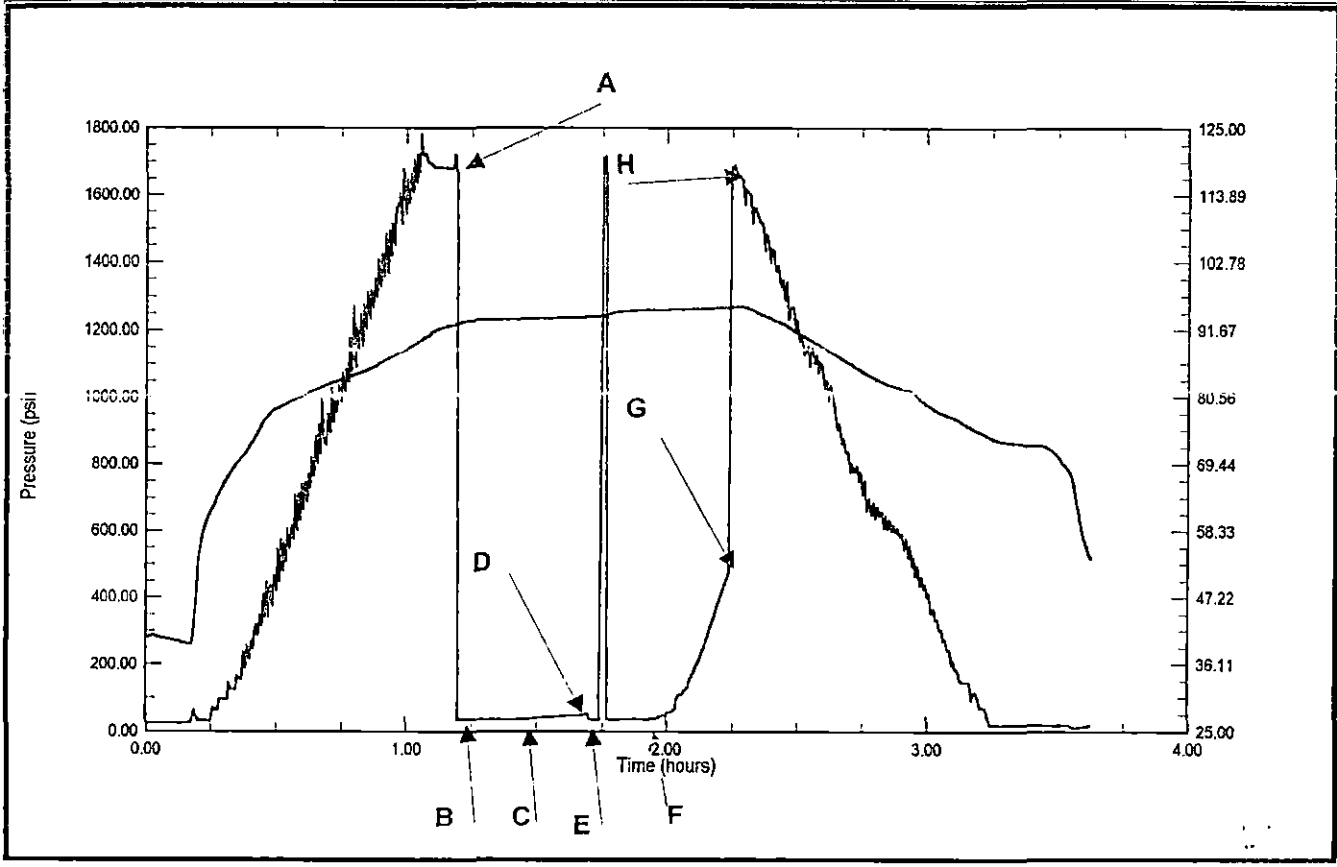
CHART DATA

(316) 792-6902

State KANSAS
 County STAFFORD
 Field

Test Date December 16, 1999
 Sec Town Range 2-21S-11W
 Report Number 13883

Company: I.G. HOL COMPANY L.L.C. Lease & Well No. RUGAN"G" #1-2 Test # 4 Date: 12-18-1999
 SEC. 2 TWP. 21S RGE. 11W



Field Reading

(A)	Initial Hydrostatic Pressure	1680
(B)	Initial Flow Pressure	34
(C)	Final Initial Flow Pressure	34
(D)	Initial Shut-In Pressure	51
(E)	Initial Final Flow Pressure	34
(F)	Final Flow Pressure	36
(G)	Final Shut-In Pressure	452
(H)	Final Hydrostatic Pressure	1658

ELECTRONIC RECORDER DEPTH 3378 FT, RECORDER NUMBER 78225

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 12-18-1999 Location SE-1/4 Sec 2-25-11W Elevation 1761 K.S. County Stafford

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

Charts Mailed to P.O. Box 790167 6422 East Kellogg Wichita Kansas 67228-0167

Drilling Contractor Steel Line Drilling Co #4

Length Drill Pipe 3110 I.D. Drill Pipe 8.80 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 3325 Bottom Packer Depth 3380 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3280 TO 3392 ANCHOR LENGTH 12 TOTAL DEPTH 3392 Hole Size 7 7/8

LEASE & WELL NO. Rogan "G" #1-2 FORMATION TESTED Arkianite TEST NO. 5

Mud Weight 9.4 Viscosity 54 Water Loss 10.2 Chlorides - Pits 1000 D.S.T.

Maximum Temp. 96 °F Initial Hydrostatic Pressure (A) 1671 P.S.I. Final Hydrostatic Pressure (H) 1654 P.S.I.

Tool Open I.F.P. from 4:00 Pm to 4:15 Pm 15 min

Tool Closed I.C.I.P. from 4:15 Pm to 4:45 Pm 30 min

Tool Open F.F.P. from 4:45 Pm to 5:00 Pm 15 min

Tool Closed F.C.I.P. from 5:00 Pm to 5:30 Pm 30 min

Initial Blow WPAK blow for 3 minutes & DSD

Final Blow no blow - flushed tool - air blow - no help

Total Feet Recovered 20 Gravity of Oil _____ Corrected

<u>20</u> Feet of <u>Drilling Mud</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
_____ 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. 5164 Depth 3385 Cir. Sub none Sampler none

Bottom Recorder No. 42441 Clock No. 42441 Depth 3389 Insurance none

Price of Job _____

Tool Operator Gene Burdick

Approved By _____

No 13884

from [B] <u>35</u> P.S.I. to [C] <u>39</u> P.S.I.
[D] <u>1110</u> P.S.I.
from [E] <u>40</u> P.S.I. to [F] <u>46</u> P.S.I.
[G] <u>1077</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

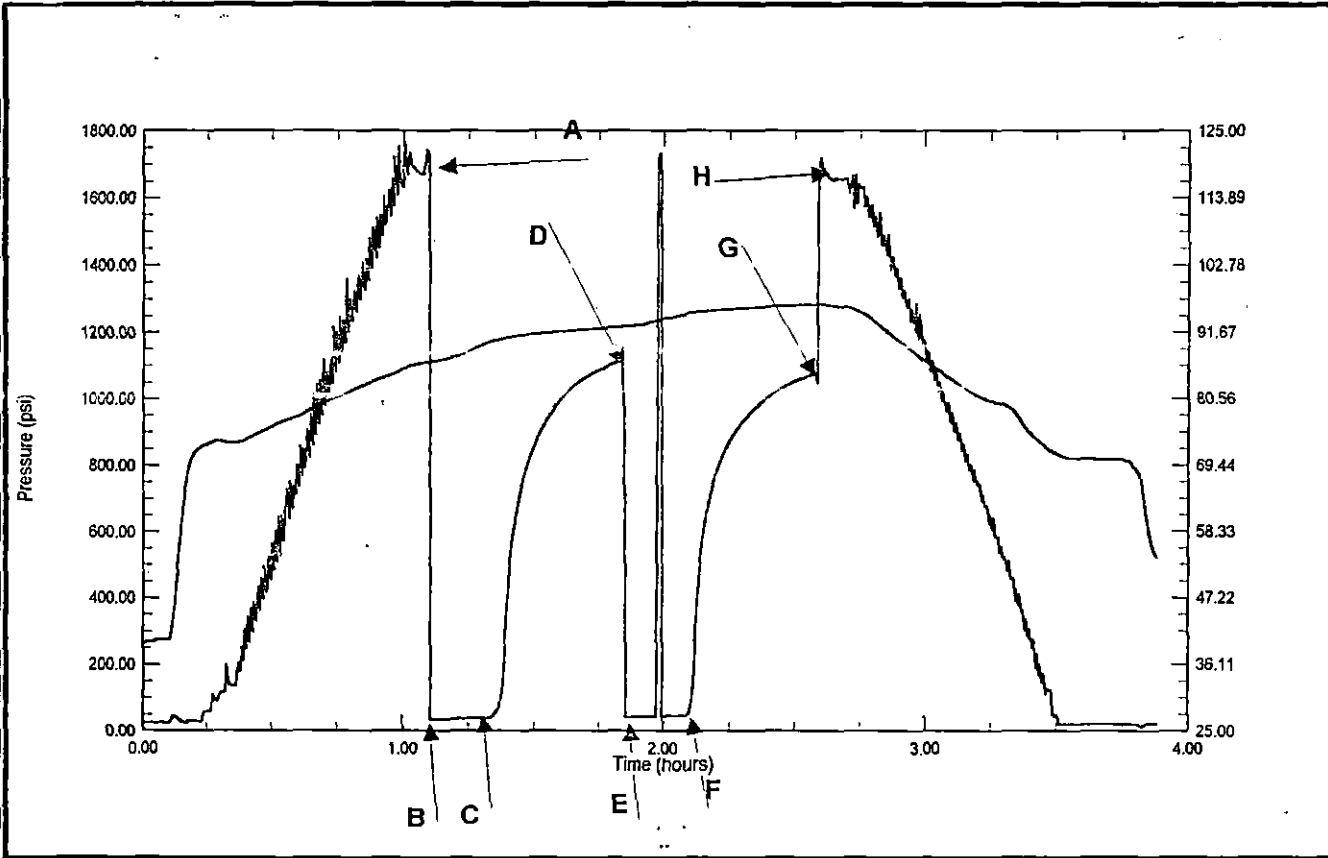
CHART DATA

(316) 792-6902

State KANSAS
 County STAFORD
 Field

Test Date December 18, 1999
 Sec Town Range 2-21S-11W
 Report Number 13884

Company: F.C. HOLL COMPANY L.L.C. Lease & Well No. RUGAN "C" #1-2 Test # 5 Date: 12-18-1999
 SEC. 2 TWP. 21S RGE. 11



Field Reading

(A)	Initial Hydrostatic Pressure	1671
(B)	Initial Flow Pressure	35
(C)	Final Initial Flow Pressure	39
(D)	Initial Shut-In Pressure	1110
(E)	Initial Final Flow Pressure	40
(F)	Final Flow Pressure	46
(G)	Final Shut-In Pressure	1077
(H)	Final Hydrostatic Pressure	1654

ELECTRONIC RECORDER DEPTH 3385 FT, RECORDER NUMBER 78225