

RECEIVED

OCT 25 2001

KCC WICHITA

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 5056
 Name: F.G. Holl Company, L.L.C.
 Address: 6427 E. Kellogg, P.O. BOX 780167,
 City/State/Zip: Wichita, Kansas 67278-0167
 Purchaser: NCRA
 Operator Contact Person: Franklin R. Greenbaum
 Phone: (316) 684-8481
 Contractor: Name: Sterling Drilling Company, Rig #1
 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>8/08/2001</u>	<u>8/18/2001</u>	<u>9/24/2001</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 185-23,132-0000
 County: Stafford. 60' E & 50' S of NE SW SW
NE SW SW Sec. 9 Twp. 21 s. R. 14 East West
940 feet from (S) / N (circle one) Line of Section
1050 feet from E / (W) (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW (SW)
 Lease Name: HULLET Well #: 1-9
 Field Name: Wildcat
 Producing Formation: Lansing Kansas City "J" Zone
 Elevation: Ground: 1932' Kelly Bushing: 1941'
 Total Depth: 3775' Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 437' 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 cmt.
 Drilling Fluid Management Plan Alt 1 11/7/01 AB
 (Data must be collected from the Reserve Pit)
 Chloride content 49,000 ppm Fluid volume 1,200 bbls
 Dewatering method used NO FREE FLUIDS
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____ License No.: _____
 Lease Name: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____

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.

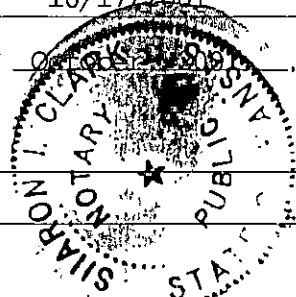
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Franklin R. Greenbaum
 Title: Exploration Manager Date: 10/17/2001

Subscribed and sworn to before me this 17th day of October 2001

Notary Public: Sharon J. 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

X

ORIGINAL

Operator Name: F.G. Holl Company, L.L.C. Lease Name: HULLET Well #: 1-9
 Sec. 9 Twp. 21 S. R. 14 East West County: Stafford 60' E & 50' S of NE SW SW

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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<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	SEE ON THE BACK	
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	RECEIVED (OCT 25 2001 KCC WICHITA	
List All E. Logs Run:	DAL/3CAL/GR HDIL/SL ZDL/CN/ML/CRA/MINILOG		

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, e							
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#	437'KB	60/40 POZ	305sx	2%gel, 3%cc
Production	7 7/8"	4 1/2"	10.5#	3770'KB	50/50 POZ	175sx	2%gel, 3%cc
					Lite	75sx	

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	3491-3496, Lansing Kansas City "J" Zone	Treat w/ 500 gal 15%MCA	
		Retreat w/ 1000 GAL 15% Mira acid, 2000 gal 28% SGA	

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>3720'</u>	Packer At <u>3483'</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>9/27/2001</u>	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. <u>50</u>	Gas Mcf <u>----</u>	Water Bbls. <u>----</u>	Gas-Oil Ratio Gravity

Disposition of Gas Vented Sold Used on Lease *(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval 3491'-3496' LKC "J" Zone

12/14/1980

Formation Tops and Datum for HULLET #1-9 (E/Log)

Formation	Tops	Datum
Herrington	1818	(+123)
Winfield	1856	(+ 85)
Towanda	1936	(+ 5)
B/Florence	2059	(-118)
Root Shale	2639	(-698)
Stotler	2672	(-731)
Tarkio	2736	(-795)
Howard	2876	(-935)
Topeka	2948	(-1007)
Heebner	3229	(-1288)
Toronto	3240	(-1299)
Douglas Shale	3256	(-1315)
Brown Lime	3330	(-1389)
Lansing KC	3341	(-1400)
LKC "J" Zone	3491	(-1550)
BKC	3554	(-1613)
Viola Chert	3576	(-1635)
Simpson Shale	3596	(-1655)
Simpson SD	3621	(-1680)
Arbuckle	3663	(-1722)
RTD	3775	(-1834)
LTD	3770	(-1829)



PAID SEP 12 2001

#30541

AUG 28 2001

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

ORIGINAL

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
 8/21/01
 8/10/01
 405-1050

Invoice	Invoice Date	Order	Order Date
108037	8/13/01	3967	8/8/01
Service Description			
Cement			
Lease	Well		
Hullet	1-9		
AFE	CustomerRep	Treater	Well Type
	K:L. Thompson	T. Seba	New Well
Purchase Order	Terms		
	Net 30		

ID.	Description	UOM	Quantity	Unit Price	Price
D202	60/40 POZ	SK	305	\$8.25	\$2,516.25
C195	CELLFLAKE	LB	66	\$1.85	\$122.10
C310	CALCIUM CHLORIDE	LBS	789	\$0.75	\$591.75
F143	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$85.00	\$85.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
E107	CEMENT SERVICE CHARGE	SK	305	\$1.50	\$457.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45	\$3.00	\$135.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	592	\$1.25	\$740.00
R201	CASING CEMENT PUMPER, 301-500'	EA	1	\$670.00	\$670.00

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Sub Total: \$5,567.60

Discount: \$1,392.13

Discount Sub Total: \$4,175.47

Tax Rate: 5.90% **Taxes:** \$0.00

Total: \$4,175.47



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

03724

Customer ID			Date		
Customer <i>F.G. Holl</i>			8-8-00 ORIGINAL		
Lease <i>HULLET</i>			Lease No.	Well # <i>1-9</i>	
Field Order # <i>03967</i>	Station <i>PERT</i>	Casing <i>8 5/8</i>	Depth <i>441'</i>	County <i>STAFFORD</i>	State <i>Co.</i>
Type Job <i>SURFACE NEW WELL</i>			Formation	Legal Description <i>3-215-14N</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS.	ISIP	
<i>8 5/8</i>				<i>305 sks 60/90 Be</i>				
Depth <i>441</i>	Depth	From	To	<i>2 1/2 GAL 3 1/2 CC 1/4 cells</i>	Max		5 Min.	
Volume	Volume	From	To	<i>14.7 1/4 GAL 1.25 SH</i>	Min		10 Min.	
Max Press	Max Press	From	To	Frac	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: _____ Station Manager: *D. AUSTIN* Treator: *T. SEBA*

Service Units	<i>108</i>	<i>26</i>	<i>38</i>	<i>71</i>				
---------------	------------	-----------	-----------	-----------	--	--	--	--

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>10:30</i>					<i>called out</i>
<i>12:00</i>					<i>on loc w/ tek's</i>
					<i>Run 10 JTS 8 5/8 23" CSG</i>
<i>3:30</i>					<i>START CSG</i>
<i>4:30</i>					<i>CSG ON BOTTOM</i>
<i>4:35</i>					<i>Hook up to CSG</i>
					<i>Break circ w/ pump PTEC</i>
<i>4:49</i>	<i>200</i>			<i>5</i>	<i>START PUMPING H₂O</i>
<i>4:55</i>				<i>7</i>	<i>START MIXING CMT 2 14.7 1/4 GAL</i>
<i>5:09</i>			<i>67.9</i>		<i>FINISHED MIXING CMT</i>
<i>5:10</i>					<i>SHUT DOWN</i>
<i>5:11</i>					<i>RELEASE PLUG</i>
<i>5:12</i>	<i>200</i>			<i>5</i>	<i>START DISP</i>
<i>5:17</i>	<i>250</i>		<i>37</i>		<i>PLUG DOWN</i>
<i>5:13</i>	<i>200</i>				<i>CLOSE VALVE ON CSG</i>

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KCC WICHITA

JOB COMPLETE
THANKS
TOS



ORIGINAL

SALES OFFICE:
 105 S. Broadway
 Suite #420
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 P.O. Box 8613
 Pratt, KS 67124-8613
 (316) 672-1201
 (316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to:		3678275	Invoice	Invoice Date	Order	Order Date
F G HOLL P O BOX 158 BELPRE, KS 67519		8/31/01 9/19/01 4051050	108075	8/23/01	3502	8/18/01
Service Description						
Cement						
Lease				Well		
Hullet				1-9		
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms	
	Rob Long	K. Gordley	New Well		Net 30	

ID.	Description	UOM	Quantity	Unit Price	Price
D203	50/50 POZ	SK	175	\$7.25	\$1,268.75
D205	A-SERV LITE	SK	75	\$9.05	\$678.75
C321	CEMENT GEL	LB	294	\$0.25	\$73.50
C310	CALCIUM CHLORIDE	LBS	294	\$0.75	\$220.50
C311	CAL SET	LBS	882	\$0.56	\$493.92
C322	GILSONITE	LB	1625	\$0.55	\$893.75
C196	FLA-322	LB	74	\$7.25	\$536.50
C223	SALT (Fine)	LBS	400	\$0.35	\$140.00
C303	"B" FLUSH	GAL	500	\$4.25	\$2,125.00
F100	CENTRALIZER, 4 1/2"	EA	8	\$67.00	\$536.00
F150	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1	\$230.00	\$230.00
F180	AUTO FILL FLOAT SHOE, 4 1/2"	EA	1	\$230.00	\$230.00
F252	ROTATING SCRATCHERS	EA	40	\$56.00	\$2,240.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
R702	CASING SWIVEL RENTAL	EA	1	\$125.00	\$125.00
E107	CEMENT SERVICE CHARGE	SK	250	\$1.50	\$375.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	55	\$3.00	\$165.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	583	\$1.25	\$728.75
R208	CASING CEMENT PUMPER, 3501-4000'	EA	1	\$1,600.00	\$1,600.00

ENT'D AUG 30 2001

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KCC WICHITA
 Rob Long

Tax Rate: 5.90%

Sub Total: \$12,910.42

Discount: \$3,227.60

Discount Sub Total: \$9,682.82

Taxes: \$0.00

Total: \$9,682.82



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

03300



Customer ID	Date
Customer F.G. HOLL	8-18-01
Lease HULLET	Well # 1-9

ORIGINAL

Field Order # 03502	Station PRATT, KS	Casing 4 1/2	Depth 3770'	County STAFFORD	State KS
Type Job LOWESTRING - NEW WELL			Formation TD-3775	Legal Description 4-175-19W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft				RATE	PRESS	ISIP
4 1/2					75 SLS A-SEW LOTE			5 Min.
Depth 3770	Depth	From	To		10% OR GORSONITE	Max		
Volume	Volume	From	To		175 SLS 50/50 P02	Min		10 Min.
Max Press	Max Press	From	To		13.6 #/GAL, 1.52 #/GAL	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 ROB LONG	Station Manager D. ANTRA	Treater H. CORNWELL
---	---------------------------------	----------------------------

Service Units	107	26	32	70
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0600					ON LOCATION
					RECEIVED
					OCT 25 200
					KCC WICHITA
0900					4 1/2 SET AT 3770'
					DROP BALL, BREAK CIRC, ROTATE
1100	300		20	6	PUMP 20 bbl START FLUSH
	300		5	6	PUMP 5 bbl H2O
	300		12	6	PUMP 12 bbl SUPERFLUSH
	300		5	6	PUMP 5 bbl H2O
	300		0	6	START MIX CEMENT
			16	6	50 SLS. A-SEW LOTE
			48	6	175 SLS. 50/50 P02
150			64	6	FINISH MIX CEMENT
					SHUT DOWN - WASH LINE - DROP PLUG
	6		0	8	START DISP
	400		25	8	START LET CEMENT
11:55	1250		59.5	5	PLUG G DOWN
					RELEASE - HOLD
					25 SLS. A-SEW LOTE → PLUG RT & MHI
1230					JOB COMPLETE - THANKS - KENNEDY

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 8-13-01 Location N¹/₂-S¹/₄-W 9-21⁵-14^W Elevation 1941 K.B. County Stafford

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

Charts Mailed to 6427 East Kellogg P.O. Box 780167 Wichita Kansas 67220

Drilling Contractor Sterling Drilling 256 #1

Length Drill Pipe 2894 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 487 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 1 1/2"

Top Packer Depth 3397 Bottom Packer Depth 3402 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3402 TO 3420 ANCHOR LENGTH 18 TOTAL DEPTH 3420 Hole Size 7 7/8"

EASE & WELL NO. HULLETT #19 FORMATION TESTED KANSAS CITY #9 TEST NO. 1

Mud Weight 9.7 Viscosity 44 Water Loss 88 Chlorides - Pits 700 D.S.T. _____

Maximum Temp. 103 °F Initial Hydrostatic Pressure (A) 1642 P.S.I. Final Hydrostatic Pressure (H) 1638 P.S.I.

Tool Open I.F.P. from 5:00 p.m. to 5:15 p.m. 15 min

Tool Closed I.C.I.P. from 5:15 p.m. to 5:45 p.m. 30 min

Tool Open F.F.P. from 5:45 p.m. to 6:00 p.m. 15 min

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

Initial Blow Very weak blow for 1 minute & Died

Final Blow Weak blow for 5 minutes & Died

from [B] <u>45</u> P.S.I. to [C] <u>45</u> P.S.I.
[D] <u>139</u> P.S.I.
from [E] <u>60</u> P.S.I. to [F] <u>60</u> P.S.I.
[G] <u>309</u> P.S.I.

Total Feet Recovered 10 Gravity of Oil _____ Corrected _____

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

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

_____ Feet of Tool-Stripped while shut-in % 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. 7825 Clock No. Electron Depth 3413 Cir. Sub None Sampler None

Bottom Recorder No. 5463 Clock No. 4744 Depth 3417 Insurance None

Price of Job _____

Tool Operator Gene Budig

Approved By _____

NO 12005

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.

Field :
County or Parish :
State :

Date Printed: 08/17/01 08:29:37
Analysis Period : End Flow - 05-End 2nd Shut-in
Comment : Line #

Superposition Slope -> m' -1.540862
Horner Slope -> m -194.919008
Intercept 985.234
P(dt=1 hr) 923.694
Pwf 189.310
R Sqr 0.9993

k (md) 63.46260
kh (md-ft) 634.62596
k/u (md/cp) 11.58669
kh/uB (md-ft/cp) 105.52537

Skin 3.802
DP Skin 644.663
Total DP 795.924
Percent DP 81.00%

Radius Invest (ft) 9
Radius Time (hrs) 1.49

Delta Q = 127
h (ft)= 10
mu = 5.477
B = 1.098

First Point # 110
Second Point # 300
Start Real Time 0.333
End Real Time 1.491
Start SF Time 78.454

SUPERIOR TESTERS ENTERPRISES INC.

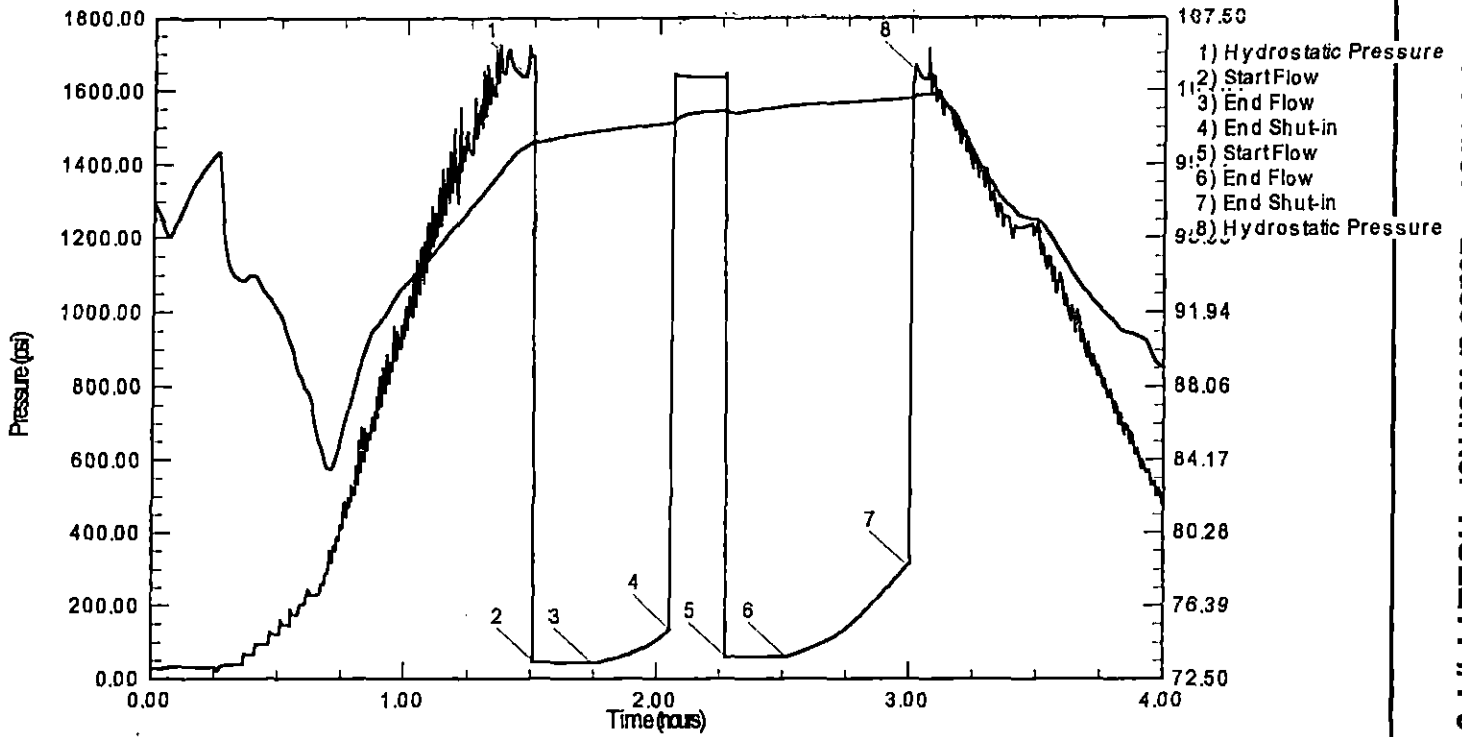
Great Bend, Kansas

CHART DATA

(316) 792-6902

State KANSAS
 County STAFFORD
 Field

Test Date August 13, 2001
 Sec Town Range 9-21S-14W
 Report Number 12005



Field Reading

(1)	Initial Hydrostatic Pressure	1640
(2)	Initial Flow Pressure	45
(3)	Final Initial Flow Pressure	45
(4)	Initial Shut-In Pressure	139
(5)	Initial Final Flow Pressure	60
(6)	Final Flow Pressure	60
(7)	Final Shut-In Pressure	309
(8)	Final Hydrostatic Pressure	1638

ELECTRONIC RECORDER DEPTH 3413 FT, RECORDER NUMBER 78225

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. HULETT #1-9 Test #: 1 Date: 8-13-2001 SEC. 9 TWP. 21S
 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	HULLETT #1-9
TEST DATE	8/13/01	FORMATION TESTED	KANSAS CITY "F"
SECTION-TOWN-RANGE	9-21S-14W	DRILL STEM TEST NUMBER	1
STATE	KANSAS	REPORT NUMBER	12005
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1941
ELEVATION GROUND LEVEL	1932	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	BILL REA		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	3402	TOP PACKER DEPTH	3397
TEST INTERVAL (to)	3420	BOTTOM PACKER DEPTH	3402
ANCHOR LENGTH	18	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	3420	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from)	5:00
TOOL OPEN (to)	5:15
DURATION (min.)	15

INITIAL SHUT-IN

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

FINAL OPEN

TOOL OPEN (from)	5:45
TOOL OPEN (to)	6:00
DURATION (min.)	15

FINAL SHUT-IN

TOOL CLOSED (from)	6:00
TOOL CLOSED (to)	6:30
DURATION (min.)	30

PRESSURE READINGS

INITIAL HYDROSTATIC	1640
INITIAL FLOW	45
FINAL INITIAL FLOW	45
INITIAL SHUT-IN	139
INITIAL FINAL FLOW	60
FINAL FLOW	60
FINAL SHUT-IN	309
FINAL HYDROSTATIC	1638
MAXIMUM TEMPERATURE	103
TOP RECORDER DEPTH	3413
RECORDER NUMBER	78225
BOTTOM RECORDER DEPTH	3417
RECORDER NUMBER	13189

INITIAL BLOW

VERY WEAK BLOW FOR 1 MINUTE AND DIED

FINAL BLOW

WEAK BLOW FOR 5 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.

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

(316) 792-6902

Date 8-14-2001 Location NE 1/4 - SW 1/4 9-25-14^W Elevation 1941 KB County Stafford

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

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

Drilling Contractor Steel Line Drilling Rig #1

Length Drill Pipe 2985 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 487 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 1 1/2"

Top Packer Depth 3483 Bottom Packer Depth 3493 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3493 TO 3505 ANCHOR LENGTH 12 TOTAL DEPTH 3505 Hole Size 7 1/8"

LEASE & WELL NO. MULLEN #1-9 FORMATION TESTED Kansas City "E" TEST NO. 2

Mud Weight 9.2 Viscosity 44 Water Loss 12 1/2% Chlorides - Pits 12,500 D.S.T. _____

Maximum Temp. 110 °F Initial Hydrostatic Pressure (A) 1741 P.S.I. Final Hydrostatic Pressure (H) 1736 P.S.I.

Tool Open I.F.P. from 8:30 a.m. to 9:00 a.m. 30 min

from [B] <u>68</u> P.S.I. to [C] <u>144</u> P.S.I.
[D] <u>956</u> P.S.I.
from [E] <u>142</u> P.S.I. to [F] <u>189</u> P.S.I.
[G] <u>939</u> P.S.I.

Tool Closed I.C.I.P. from 9:00 a.m. to 10:00 a.m. 60 min

Tool Open F.F.P. from 10:00 a.m. to 11:00 a.m. 60 min

Tool Closed F.C.I.P. from 11:00 a.m. to 12:30 p.m. 90 min

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

Final Blow Good blow built the the bottom of a 5 Gallon bucket in 3 minutes

Total Feet Recovered 850 Gravity of Oil 28 Correcte

2655 Feet of Gas in the Pipe 100% Gas 0% Oil 0% Mud 0% Water

850 Feet of CLEAN Gassy Oil 30% Gas 70% Oil 0% Mud 0% Water

Feet of Gravity 28 Corrected % 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 3498 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 47441 Depth 3503 Insurance NONE

Price of Job _____

Tool Operator Gene Budy

Approved By _____

NO 12039

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.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR **STERLING DRILLING RIG #1**

DRILL PIPE LENGTH **3034**

DRILL PIPE I.D. **3.8**

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

DRILL COLLAR LENGTH **487**

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 **9.2**

VISCOSITY **44**

WATER LOSS **12.4**

CHLORIDES-PITS **12500**

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.

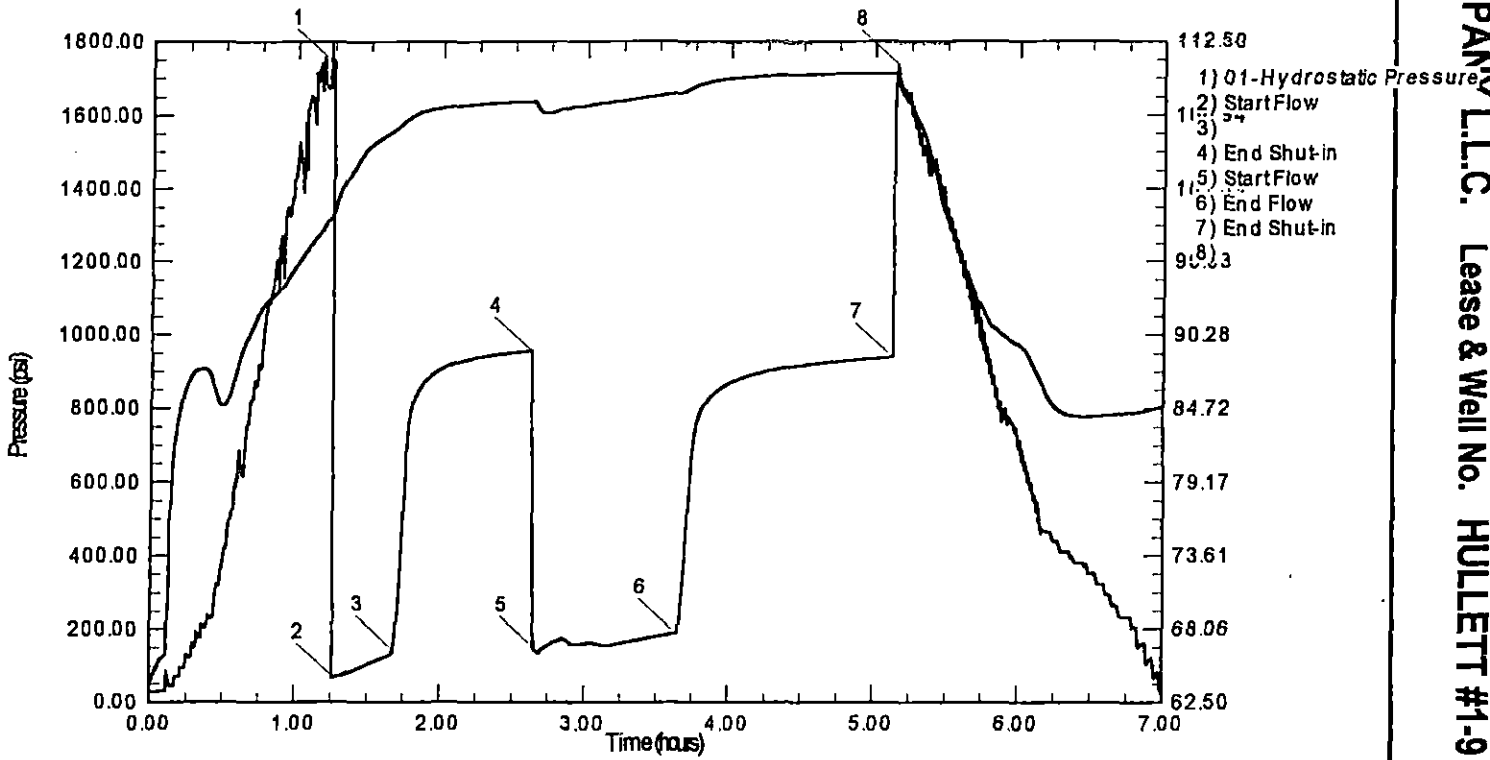
Great Bend, Kansas

CHART DATA

(316) 792-6902

State KANSAS
 County STAFFORD
 Field

Test Date August 14, 2001
 Sec Town Range 9-21S-14W
 Report Number 12039



Field Reading

(1)	Initial Hydrostatic Pressure	1741
(2)	Initial Flow Pressure	68
(3)	Final Initial Flow Pressure	144
(4)	Initial Shut-In Pressure	956
(5)	Initial Final Flow Pressure	142
(6)	Final Flow Pressure	189
(7)	Final Shut-In Pressure	939
(8)	Final Hydrostatic Pressure	1736

ELECTRONIC RECORDER DEPTH 3498 FT, RECORDER NUMBER 78225

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. HULLETT #1-9 Test #: 2 Date: 8-14-2001 SEC. 9 TWP. 21S
 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	HULLETT #1-9
TEST DATE	8/14/01	FORMATION TESTED	KANSAS CITY "I"
SECTION-TOWN-RANGE	9-21S-14W	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	12039
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1941
ELEVATION GROUND LEVEL	1932	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	BILL REA		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	3493	TOP PACKER DEPTH	3488
TEST INTERVAL (to)	3505	BOTTOM PACKER DEPTH	3493
ANCHOR LENGTH	12	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	3505	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

<i>INITIAL OPEN</i>	
TOOL OPEN (from)	8:30
TOOL OPEN (to)	9:00
DURATION (min.)	30
<i>INITIAL SHUT-IN</i>	
TOOL CLOSED (from)	9:00
TOOL CLOSED (to)	10:00
DURATION (min.)	60
<i>FINAL OPEN</i>	
TOOL OPEN (from)	10:00
TOOL OPEN (to)	11:00
DURATION (min.)	60
<i>FINAL SHUT-IN</i>	
TOOL CLOSED (from)	11:00
TOOL CLOSED (to)	12:30
DURATION (min.)	90

PRESSURE READINGS

INITIAL HYDROSTATIC	1741
INITIAL FLOW	68
FINAL INITIAL FLOW	144
INITIAL SHUT-IN	956
INITIAL FINAL FLOW	142
FINAL FLOW	189
FINAL SHUT-IN	939
FINAL HYDROSTATIC	1736
MAXIMUM TEMPERATURE	110
TOP RECORDER DEPTH	3498
RECORDER NUMBER	78225
BOTTOM RECORDER DEPTH	3503
RECORDER NUMBER	13189

INITIAL BLOW

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

FINAL BLOW

GOOD BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET IN 3 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 #1**

DRILL PIPE LENGTH **2985**

DRILL PIPE I.D. **3.8**

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

DRILL COLLAR LENGTH **487**

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 **9.2**

VISCOSITY **44**

WATER LOSS **12.4**

CHLORIDES-PITS **12,500**

CHLORIDES-DST

FEET OF RECOVERY		RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	2656	GAS IN THE PIPE	100	0	0	0
2)	850	CLEAN GASSY OIL GRAVITY 28 CORRECTED	30	70	0	0
3)						
4)						
5)						
6)						
7)						
8)						
9)						
10)						
11)						
12)						
13)						
14)						
15)						

TOTAL RECOVERY

COMMENTS

SUPERIOR TESTERS ENTERPRISES INC.

GREAT BEND, KANSAS

SUPERPOSITION ANALYSIS

(316) 792-6902

1ST SHUT-IN

State

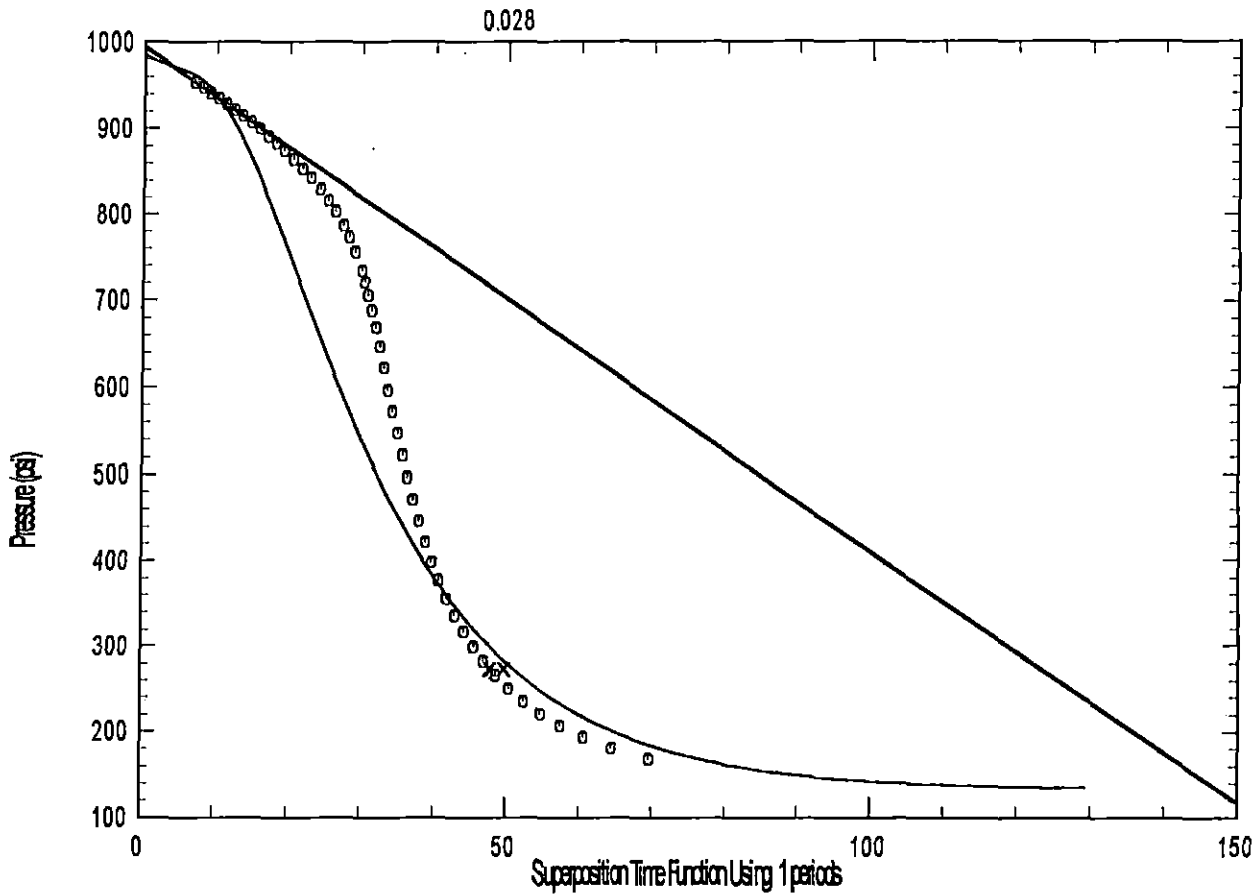
Test Date

County

Sec Town Range

Field

Report Number



MODEL RESULTS

Constant Storage
C1 : 3.000E-4 bbl/psi

Skin Model
Skin : 4.00

Homogeneous
k : 16.798 md
Est Pi: 985.1 psi

No Boundaries

h : 10 ft
mu : 5.477 cp
phi : 18.0%
ct : 1.270E-03 1/psi
rw : 3.208 ft
FVF : 1.10

Field :
County or Parish :
State :

Date Printed: 08/17/01 08:23:27
Analysis Period : End Flow - 05-End 1st Shut-in
Comment : Line #

Superposition Slope -> m' -5.844991
Horner Slope -> m -246.658609
Intercept 994.248
P(dt=1 hr) 958.511
Pwf 132.070
R Sqr 0.9995

k (md) 16.73007
kh (md-ft) 167.30067
k/u (md/cp) 3.05449
kh/uB (md-ft/cp) 27.81869

Skin 3.988
DP Skin 855.779
Total DP 862.178
Percent DP 99.26%

Radius Invest (ft) 4
Radius Time (hrs) 0.96

Delta Q = 42
h (ft)= 10
mu = 5.477
B = 1.098

First Point # 99
Second Point # 300
Start Real Time 0.300
End Real Time 0.957
Start SF Time 15.423

SUPERIOR TESTERS ENTERPRISES INC.

GREAT BEND, KANSAS

SUPERPOSITION ANALYSIS

(316) 792-6902

2ND SHUT-IN

State

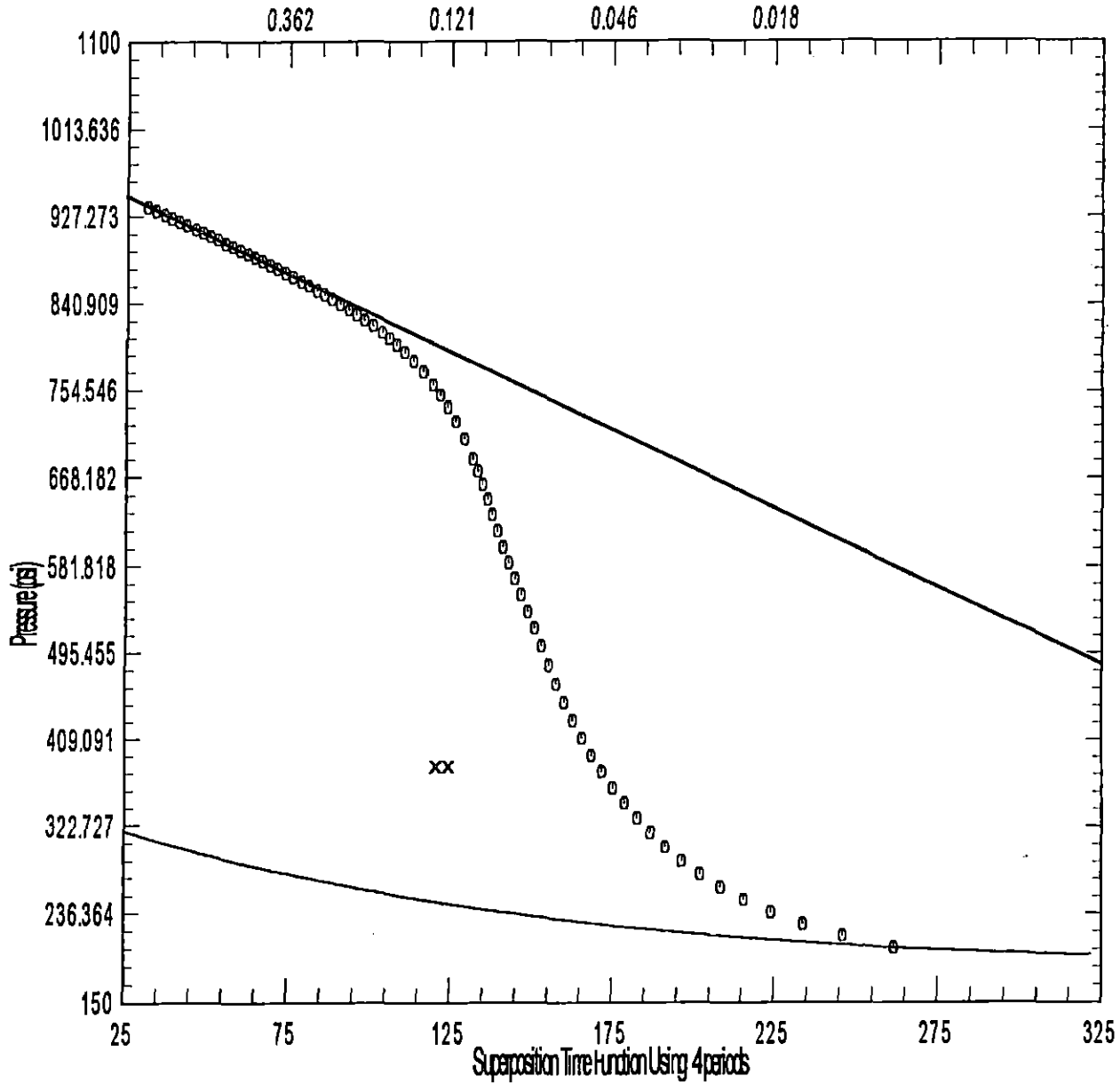
Test Date

County

Sec Town Range

Field

Report Number



Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 8-14-2001 Location N 1/2 - 9 1/2 - 1/2 9 21 - 14 W Elevation 1941 ft County Shelton

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

Charts Mailed to 6427 East Kellogg P.O. Box 780167 Wichita Kansas 67228

Drilling Contractor Stirling Drilling Rig #1

Length Drill Pipe 3034 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 487 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X H

Top Packer Depth 3577 Bottom Packer Depth 3542 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3542 TO 3568 ANCHOR LENGTH 26 TOTAL DEPTH 3568 Hole Size 7 7/8

LEASE & WELL NO. HULLERS #1-9 FORMATION TESTED KANSAS C.H TEST NO. 3

Mud Weight 9.7 Viscosity 44 Water Loss 12.4 Chlorides - Pits 12500 D.S.T.

Maximum Temp. 104 °F Initial Hydrostatic Pressure (A) 1793 P.S.I. Final Hydrostatic Pressure (H) 1723 P.S.I.

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

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

Tool Open F.F.P. from 2:15 A.M. to 2:30 A.M. 15 min

Tool Closed F.C.I.P. from 2:30 A.M. to 3:00 A.M. 30 min

Initial Blow WEAK SURFACE BLOW FOR 6 MINUTES & DIED

Final Blow NO BLOW

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 _____

_____ 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 3561 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 47441 Depth 3565 Insurance NONE

Price of Job _____

Tool Operator Gene Kelly

Approved By _____

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NO 12040

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR **STERLING DILLING RIG #1**

DRILL PIPE LENGTH **3046**

DRILL PIPE I.D. **3.8**

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

DRILL COLLAR LENGTH **487**

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 **58**

WATER LOSS **16.8**

CHLORIDES-PITS **15000**

CHLORIDES-DST

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

TOTAL RECOVERY

COMMENTS

SUPERIOR TESTERS ENTERPRISES INC.

Great Bend, Kansas

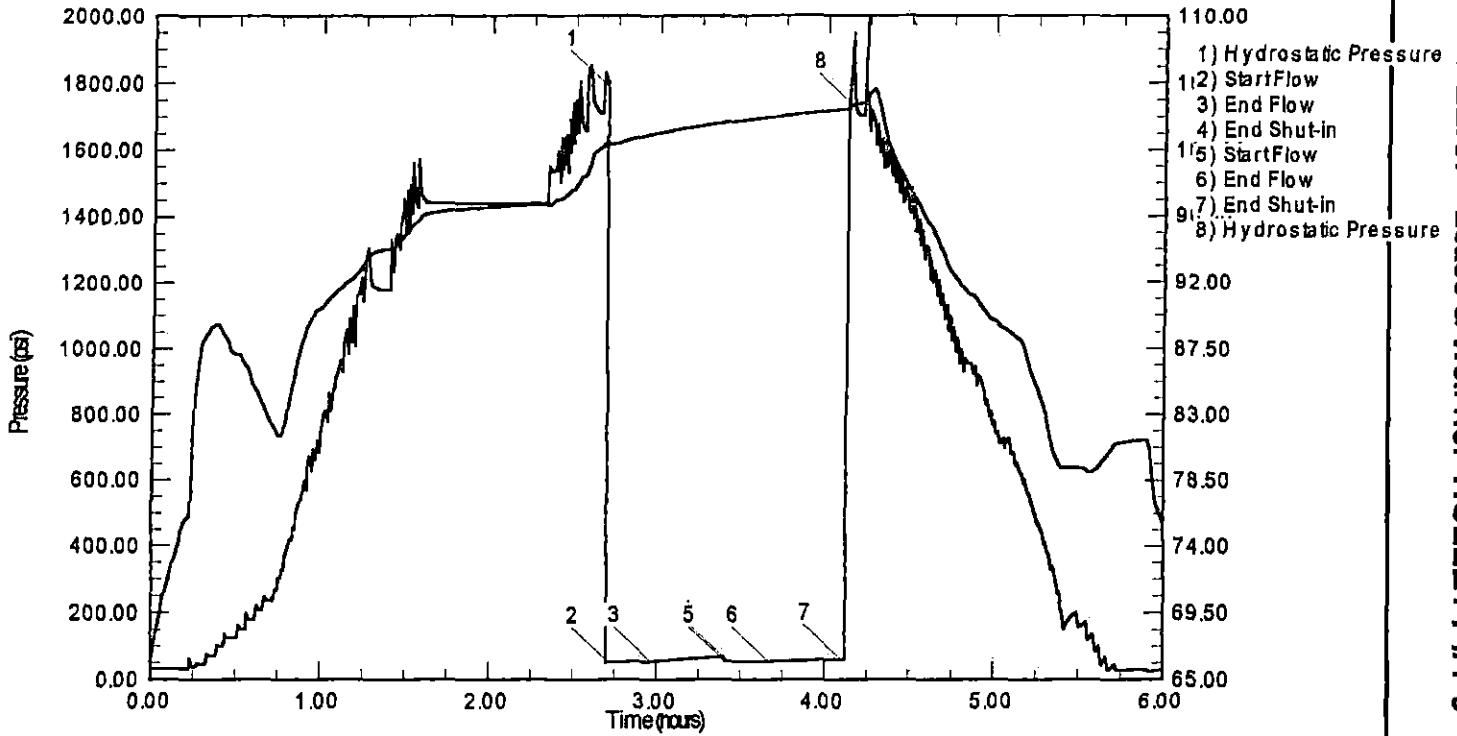
CHART DATA

(316) 792-6902

State KANSAS
County STAFFORD
Field

Test Date August 14, 2001
Sec Town Range 9-21S-14W
Report Number 12040

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. HULLETT #1-9 Test #: 3 Date: 8-14-2000 SEC. 9 TWP. 21S RGE. 14W



Field Reading

(1)	Initial Hydrostatic Pressure	1793
(2)	Initial Flow Pressure	52
(3)	Final Initial Flow Pressure	54
(4)	Initial Shut-In Pressure	68
(5)	Initial Final Flow Pressure	54
(6)	Final Flow Pressure	54
(7)	Final Shut-In Pressure	60
(8)	Final Hydrostatic Pressure	1723

ELECTRONIC RECORDER DEPTH 3561 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	.....	HULLETT #1-9
TEST DATE	.....	8/14/01	FORMATION TESTED	.....	KANSAS CITY
SECTION-TOWN-RANGE	.....	9-21S-14W	DRILL STEM TEST NUMBER	.....	3
STATE	.....	KANSAS	REPORT NUMBER	.....	12040
COUNTY	.....	STAFFORD	ELEVATION KELLY BUSHINGS	.....	1941
ELEVATION GROUND LEVEL	.....	1932	TESTING ENGINEER	.....	GENE BUDIG
COMPANY REPRESENTATIVE	.....	BILL REA			

TOOL SETTING INFORMATION

TEST INTERVAL (From)	.....	3542	TOP PACKER DEPTH	.....	3537
TEST INTERVAL (to)	.....	3568	BOTTOM PACKER DEPTH	.....	3542
ANCHOR LENGTH	.....	26	NUMBER OF PACKERS	.....	2
TOTAL DEPTH (ft)	.....	3568	PACKER SIZE	.....	6 3/4
			HOLE SIZE	.....	7 7/8

FLOW TIMES

INITIAL OPEN

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

INITIAL SHUT-IN

TOOL CLOSED (from)	.....	1:45
TOOL CLOSED (to)	.....	2:15
DURATION (min.)	.....	30

FINAL OPEN

TOOL OPEN (from)	.....	2:15
TOOL OPEN (to)	.....	2:30
DURATION (min.)	.....	15

FINAL SHUT-IN

TOOL CLOSED (from)	.....	2:30
TOOL CLOSED (to)	.....	3:00
DURATION (min.)	.....	30

PRESSURE READINGS

INITIAL HYDROSTATIC	.....	1793
INITIAL FLOW	.....	52
FINAL INITIAL FLOW	.....	54
INITIAL SHUT-IN	.....	68
INITIAL FINAL FLOW	.....	54
FINAL FLOW	.....	54
FINAL SHUT-IN	.....	60
FINAL HYDROSTATIC	.....	1723
MAXIMUM TEMPERATURE	.....	104
TOP RECORDER DEPTH	.....	3561
RECORDER NUMBER	.....	78225
BOTTOM RECORDER DEPTH	.....	3565
RECORDER NUMBER	.....	13189

INITIAL BLOW

WEAK SURFACE BLOW FOR 6 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.

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

(316) 792-6902

Date 8-15-01 Location 1/4 Sec 9-21-14 Elevation 1932 County Stafford

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

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

Drilling Contractor Sterling Drilling Rig #1

Length Drill Pipe 3046 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 487 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 11

Top Packer Depth 3549 Bottom Packer Depth 3554 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3554 TO 3610 ANCHOR LENGTH 56 TOTAL DEPTH 3610 Hole Size 7 7/8"

EASE & WELL NO. HULL #1-9 FORMATION TESTED UIC TEST NO. 4

Mud Weight 9.31 Viscosity 58 Water Loss 10 Chlorides - Pits 15000 D.S.T. _____

Maximum Temp. 102 °F Initial Hydrostatic Pressure (A) 1731 P.S.I. Final Hydrostatic Pressure (H) 1732 P.S.I.

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

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

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

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

Initial Blow WEAK blow for 5 minutes & DIED

Final Blow no blow

from [B] <u>67</u> P.S.I. to [C] <u>69</u> P.S.I.
[D] <u>107</u> P.S.I.
from [E] <u>70</u> P.S.I. to [F] <u>71</u> P.S.I.
[G] <u>85</u> P.S.I.

Total Feet Recovered 5 Gravity of Oil _____ Corrected _____

5	Feet of <u>Drilling Mud with a show of oil</u>	% Gas	% Oil	% Mud	% Water
_____	Feet of <u>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
_____	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. RECHANCE Depth 3604 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 42441 Depth 3607 Insurance NONE

Price of Job _____

Tool Operator Don Buddy

Approved By _____

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No. 12041

SUPERIOR TESTERS ENTERPRISES INC.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR **STERLING DRILLING RIG #1**

DRILL PIPE LENGTH **3154**

DRILL PIPE I.D. **3.8**

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

DRILL COLLAR LENGTH **447**

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 **9.1**

VISCOSITY **45**

WATER LOSS **10.4**

CHLORIDES-PITS **19000**

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.

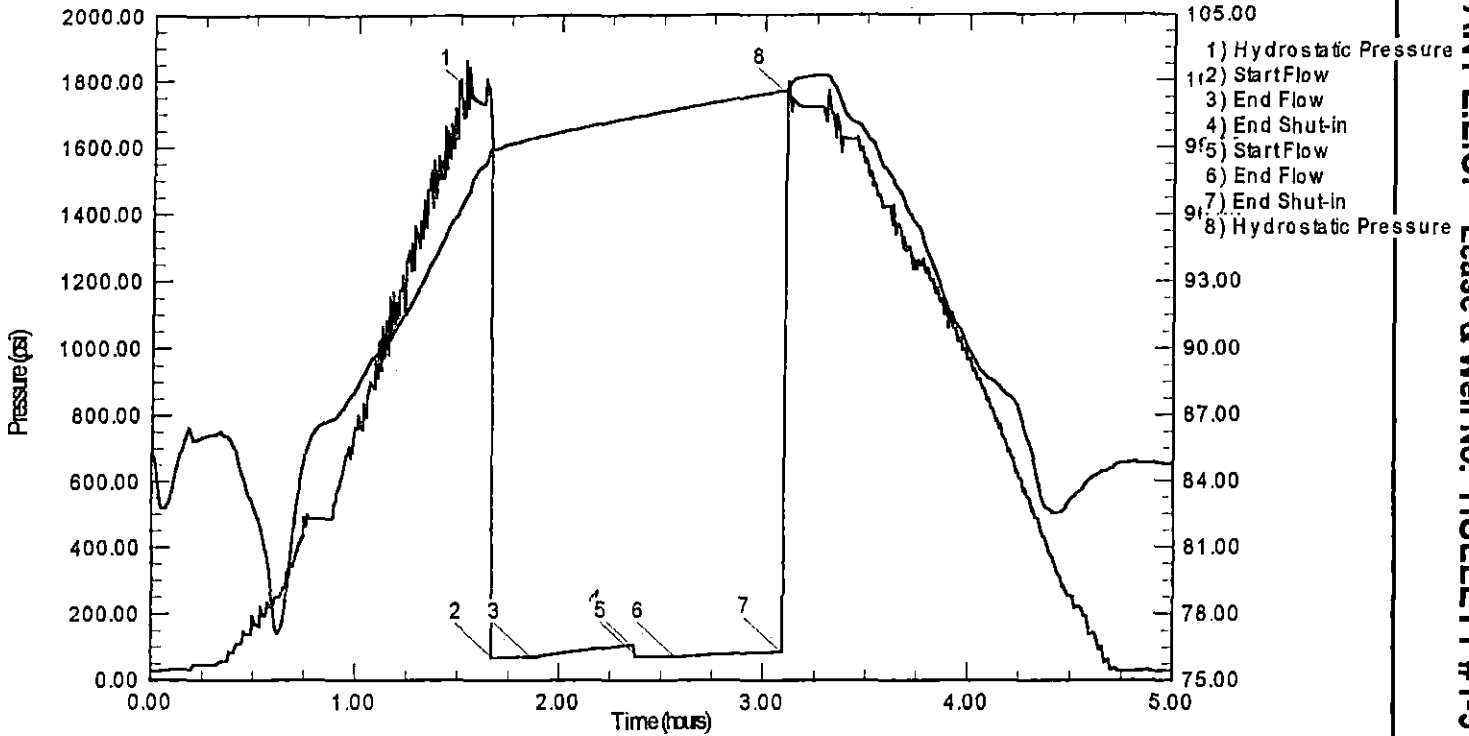
Great Bend, Kansas

CHART DATA

(316) 792-6902

State KANSAS
 County STAFFORD
 Field

Test Date August 15, 2001
 Sec Town Range 9-21S-14W
 Report Number 12041



Field Reading

(1)	Initial Hydrostatic Pressure	1731
(2)	Initial Flow Pressure	67
(3)	Final Initial Flow Pressure	69
(4)	Initial Shut-In Pressure	107
(5)	Initial Final Flow Pressure	70
(6)	Final Flow Pressure	71
(7)	Final Shut-In Pressure	85
(8)	Final Hydrostatic Pressure	1732

ELECTRONIC RECORDER DEPTH 3604 FT, RECORDER NUMBER 78225

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. HULLETT #1-9 Test #: 4 Date: 8-15-2001 SEC. 9 TWP. 21S
 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	HULLETT #1-9
TEST DATE	8/15/01	FORMATION TESTED	VIOLA
SECTION-TOWN-RANGE	9-21S-14W	DRILL STEM TEST NUMBER	4
STATE	KANSAS	REPORT NUMBER	12041
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1941
ELEVATION GROUND LEVEL	1932	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	BILL REA		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	3554	TOP PACKER DEPTH	3549
TEST INTERVAL (to)	3610	BOTTOM PACKER DEPTH	3554
ANCHOR LENGTH	56	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	3610	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

<i>INITIAL OPEN</i>	
TOOL OPEN (from)	4:00
TOOL OPEN (to)	4:15
DURATION (min.)	15
<i>INITIAL SHUT-IN</i>	
TOOL CLOSED (from)	4:15
TOOL CLOSED (to)	4:45
DURATION (min.)	30
<i>FINAL OPEN</i>	
TOOL OPEN (from)	4:45
TOOL OPEN (to)	5:00
DURATION (min.)	15
<i>FINAL SHUT-IN</i>	
TOOL CLOSED (from)	5:00
TOOL CLOSED (to)	5:30
DURATION (min.)	30

PRESSURE READINGS

INITIAL HYDROSTATIC	1731
INITIAL FLOW	67
FINAL INITIAL FLOW	69
INITIAL SHUT-IN	107
INITIAL FINAL FLOW	70
FINAL FLOW	71
FINAL SHUT-IN	85
FINAL HYDROSTATIC	1732
MAXIMUM TEMPERATURE	102
TOP RECORDER DEPTH	3604
RECORDER NUMBER	78225
BOTTOM RECORDER DEPTH	3607
RECORDER NUMBER	13189

INITIAL BLOW

WEAK BLOW FOR 5 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.

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

(316) 792-6902

Date 8-16-2000 Location N 1/2 Sec 9 T25 N R14 W Elevation 1941 KB County Sheppard

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 Steelcase Drilling P/O #1

Length Drill Pipe 3132 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 447 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 1 1/2"

Top Packer Depth 3595 Bottom Packer Depth 3600 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3600 TO 3637 ANCHOR LENGTH 37 TOTAL DEPTH 3637 Hole Size 7 7/8"

LEASE & WELL NO. HULLS #1-9 FORMATION TESTED Simpson TEST NO. 05

Mud Weight 9.1 Viscosity 45 Water Loss 10.4 Chlorides - Pits 19000 D.S.T. _____

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

Tool Open I.F.P. from 6:20 A.M. to _____ m _____ min

Tool Closed I.C.I.P. from _____ m to _____ m _____ min

Tool Open F.F.P. from _____ m to _____ m _____ min

Tool Closed F.C.I.P. from _____ m to _____ m _____ min

from [B] _____ P.S.I. to [C] _____ P.S.I.
[D] _____ P.S.I.
from [E] _____ P.S.I. to [F] _____ P.S.I.
[G] _____ P.S.I.

Initial Blow _____

Final Blow _____

Total Feet Recovered _____ Gravity of Oil _____ Corrected

Feet of <u>Miss Run Packer Pointers</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 3609 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 47442 Depth 3633 Insurance NONE

Price of Job _____

Tool Operator Deane Budig

Approved By _____

NO 12042

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 August 16, 2001
Sec Town Range 9-21S-14W
Report Number 12042

Field Reading

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

**MISS RUN
PAKER FAILURE**

ELECTRONIC RECORDER DEPTH FT, RECORDER NUMBER 78225

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. HULLETT #1-9 Test #: 5 Date: 8-16-2001 SEC. 9 TWP. 21S
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	HULLETT #1-9
TEST DATE	8/16/01	FORMATION TESTED	SIMPSON
SECTION-TOWN-RANGE	9-21S-14W	DRILL STEM TEST NUMBER	5
STATE	KANSAS	REPORT NUMBER	12042
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1941
ELEVATION GROUND LEVEL	1932	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	BILL REA		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	3600	TOP PACKER DEPTH	3595
TEST INTERVAL (to)	3637	BOTTOM PACKER DEPTH	3600
ANCHOR LENGTH	37	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	3637	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

<i>INITIAL OPEN</i>	
TOOL OPEN (from)	6:20
TOOL OPEN (to)	
DURATION (min.)	
<i>INITIAL SHUT-IN</i>	
TOOL CLOSED (from)	0:00
TOOL CLOSED (to)	
DURATION (min.)	
<i>FINAL OPEN</i>	
TOOL OPEN (from)	0:00
TOOL OPEN (to)	
DURATION (min.)	
<i>FINAL SHUT-IN</i>	
TOOL CLOSED (from)	0:00
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	78225
BOTTOM RECORDER DEPTH	
RECORDER NUMBER	13189

INITIAL BLOW

MISS RUN PACKER FAILURE

FINAL 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 #1**

DRILL PIPE LENGTH **3132**

DRILL PIPE I.D. **3.8**

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

DRILL COLLAR LENGTH **447**

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 **9.1**

VISCOSITY **45**

WATER LOSS **10.4**

CHLORIDES-PITS **19000**

CHLORIDES-DST

FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	350 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 8-16-2001 Location N¹E-S¹W-S¹W 9-21^S-14^W Elevation 1941^{ft} 1932^{ft} County St. Francis

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

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

Drilling Contractor Steering Drilling Rig #1

Length Drill Pipe 3154 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 447 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 4"

Top Packer Depth 3607 Bottom Packer Depth 3622 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3622 TO 3637 ANCHOR LENGTH 15 TOTAL DEPTH 3637 Hole Size 2 7/8"

EASE & WELL NO. Hullett #1-9 FORMATION TESTED Simpson TEST NO. 6

Mud Weight 9' Viscosity 45 Water Loss 10.4 Chlorides - Pits 1900 D.S.T. _____

Maximum Temp. 106 °F Initial Hydrostatic Pressure (A) 1830 P.S.I. Final Hydrostatic Pressure (H) 1752 P.S.I.

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

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

Tool Open F.F.P. from 11:45 am to 12:00 pm 15 min

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

Initial Blow WEAK Blow for 15 minutes & DIED

Final Blow no blow

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 _____

_____ 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. TECHNIC Depth 3629 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 47442 Depth 3633 Insurance NONE

Price of Job _____

Tool Operator Don Sully

Approved By _____

No 12043

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.

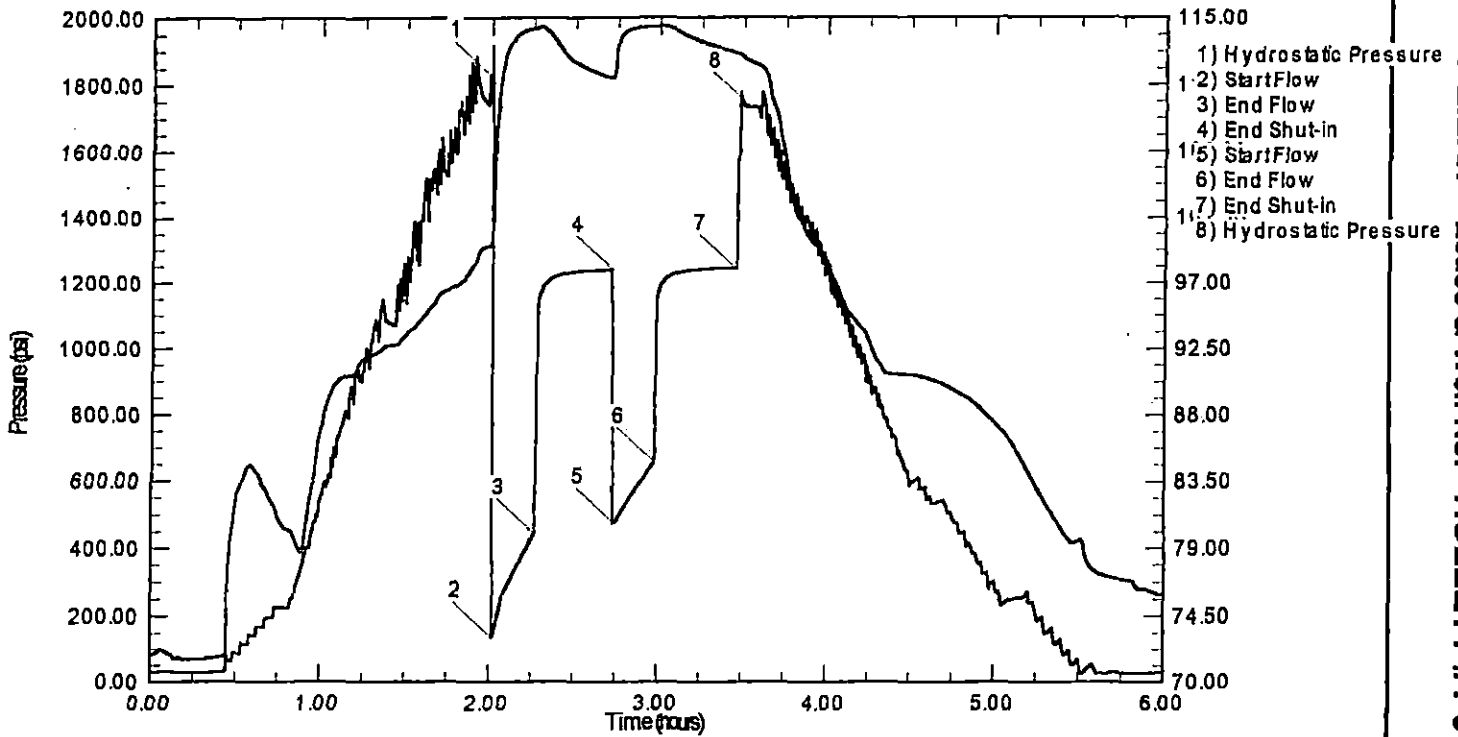
Great Bend, Kansas

CHART DATA

(316) 792-6902

State KANSAS
 County STAFFORD
 Field

Test Date August 17, 2001
 Sec Town Range 9-21S-14W
 Report Number 12044



Field Reading

(1)	Initial Hydrostatic Pressure	1832
(2)	Initial Flow Pressure	138
(3)	Final Initial Flow Pressure	443
(4)	Initial Shut-In Pressure	1241
(5)	Initial Final Flow Pressure	476
(6)	Final Flow Pressure	657
(7)	Final Shut-In Pressure	1243
(8)	Final Hydrostatic Pressure	1732

ELECTRONIC RECORDER DEPTH 3650 FT, RECORDER NUMBER 78225

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. HULLETT #1-9 Test #: 7 Date: 8-17-2001 SEC. 9 TWP. 21S
 RGE. 14W

SUPERIOR TESTERS ENTERPRISES INC.

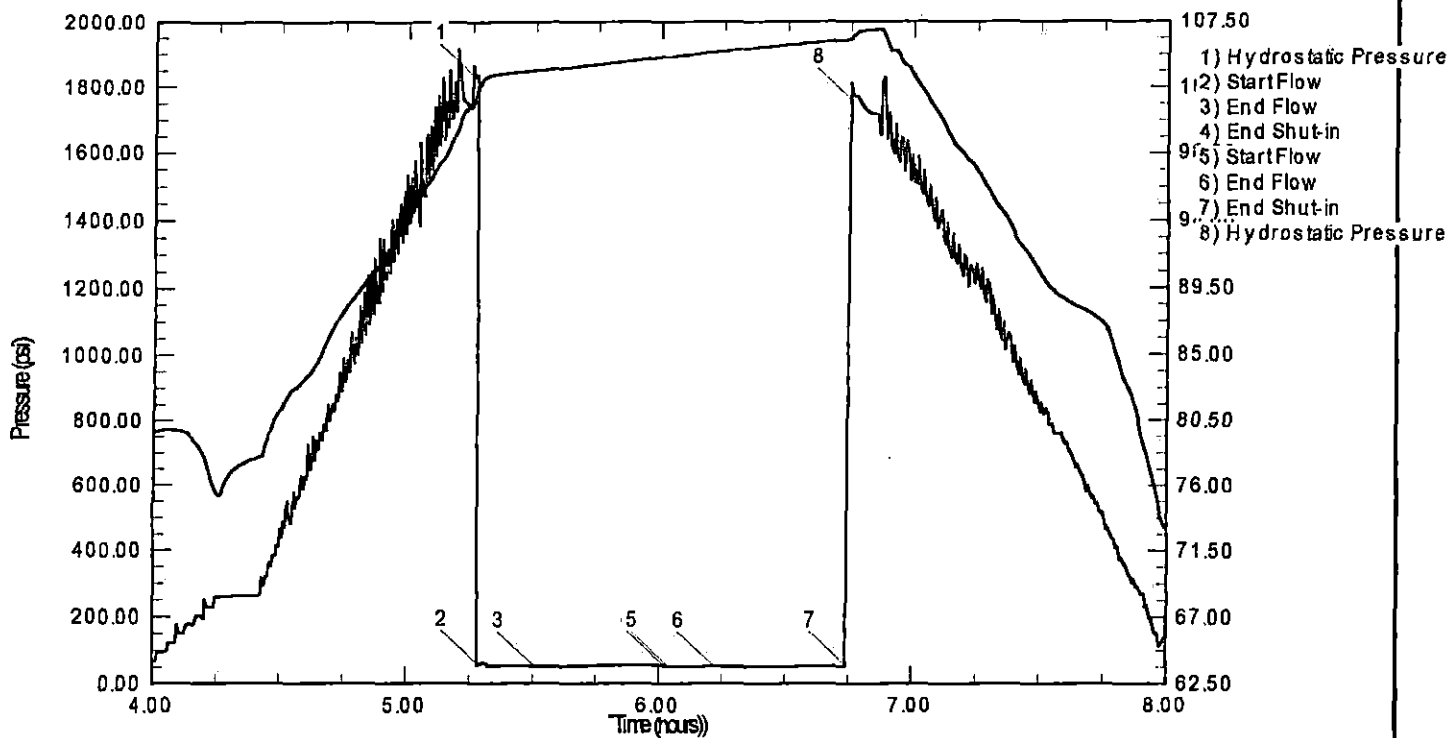
Great Bend, Kansas

CHART DATA

(316) 792-6902

State KANSAS
 County STAFFORD
 Field

Test Date August 16, 2001
 Sec Town Range 9-21S-14W
 Report Number 12043



Field Reading

(1)	Initial Hydrostatic Pressure	1830
(2)	Initial Flow Pressure	55
(3)	Final Initial Flow Pressure	52
(4)	Initial Shut-In Pressure	56
(5)	Initial Final Flow Pressure	51
(6)	Final Flow Pressure	52
(7)	Final Shut-In Pressure	53
(8)	Final Hydrostatic Pressure	1752

ELECTRONIC RECORDER DEPTH 3629 FT, RECORDER NUMBER 78225

Company: F.G.HOLL COMPANY L.L.C. Lease & Well No. HULLETT #1-9 Test #: 6 Date: 8-16-2001 SEC. 9 TWP. 21S
 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	HULLETT #1-9
TEST DATE	8/16/01	FORMATION TESTED	SIMPSON
SECTION-TOWN-RANGE	9-21S-14W	DRILL STEM TEST NUMBER	6
STATE	KANSAS	REPORT NUMBER	12043
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1941
ELEVATION GROUND LEVEL	1932	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	BILL REA		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	3622	TOP PACKER DEPTH	3617
TEST INTERVAL (to)	3637	BOTTOM PACKER DEPTH	3622
ANCHOR LENGTH	15	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	3637	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

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

PRESSURE READINGS

INITIAL HYDROSTATIC	1830
INITIAL FLOW	55
FINAL INITIAL FLOW	52
INITIAL SHUT-IN	56
INITIAL FINAL FLOW	51
FINAL FLOW	52
FINAL SHUT-IN	53
FINAL HYDROSTATIC	1752
MAXIMUM TEMPERATURE	106
TOP RECORDER DEPTH	3629
RECORDER NUMBER	78225
BOTTOM RECORDER DEPTH	3633
RECORDER NUMBER	13189

INITIAL BLOW

WEAK BLOW FOR 5 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.

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

(316) 792-6902

Date 8-17-2001 Location N¹/₂-S¹/₂ S¹/₂-9-21-14^W Elevation 1941 K.B. County St. Louis
193266

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

Address Mailed to 6427 East Kellogg P.O. Box 700107 Wichita, Kansas 67278-0167

Drilling Contractor Steelwing Drilling Rig #1

Length Drill Pipe 3190 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 447 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 4

Top Packer Depth 3659 Bottom Packer Depth 3664 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3664 TO 3670 ANCHOR LENGTH 6 TOTAL DEPTH 3670 Hole Size 7 7/8

Case & Well No. HULL #1-9 FORMATION TESTED Arbuckle TEST NO. 7

Fluid Weight 9.4 Viscosity 45 Water Loss 10.4 Chlorides - Pits 19000 D.S.T. 22000

Maximum Temp. 114 °F Initial Hydrostatic Pressure (A) 1828 P.S.I. Final Hydrostatic Pressure (H) 1732 P.S.I.

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

from [B] 138 P.S.I. to [C] 443 P.S.I.

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

[D] 1241 P.S.I.

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

from [E] 476 P.S.I. to [F] 657 P.S.I.

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

[G] 1243 P.S.I.

Initial Blow Good 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 3 minutes

Total Feet Recovered 1420 Gravity of Oil _____ Corrected _____

420 Feet of SALT WATER 22000 Chlorides % 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 NONE Safety Joint YES Extra Packer NONE Straddle NONE Hook Wall NONE

Log Recorder No. Electron Clock No. 78625 Depth 3650 Cir. Sub NONE Sampler NONE

Bottom Recorder No. _____ Clock No. _____ Depth 3667 Insurance NONE

Title of Job _____

Tool Operator Gene Bailey

Approved By _____

NO 12044

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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	HULLETT #1-9
TEST DATE	8/17/01	FORMATION TESTED	ARBUCKLE
SECTION-TOWN-RANGE	9-21S-14W	DRILL STEM TEST NUMBER	7
STATE	KANSAS	REPORT NUMBER	12044
COUNTY	STAFFORD	ELEVATION KELLY BUSHINGS	1941
ELEVATION GROUND LEVEL	1932	TESTING ENGINEER	GENE BUDIG
COMPANY REPRESENTATIVE	BILL REA		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	3664	TOP PACKER DEPTH	3659
TEST INTERVAL (to)	3670	BOTTOM PACKER DEPTH	3664
ANCHOR LENGTH	6	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	3670	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from)	3:00
TOOL OPEN (to)	3:16
DURATION (min.)	15

INITIAL SHUT-IN

TOOL CLOSED (from)	3:15
TOOL CLOSED (to)	3:45
DURATION (min.)	30

FINAL OPEN

TOOL OPEN (from)	3:45
TOOL OPEN (to)	4:00
DURATION (min.)	15

FINAL SHUT-IN

TOOL CLOSED (from)	4:00
TOOL CLOSED (to)	4:30
DURATION (min.)	30

PRESSURE READINGS

INITIAL HYDROSTATIC	1832
INITIAL FLOW	138
FINAL INITIAL FLOW	443
INITIAL SHUT-IN	1241
INITIAL FINAL FLOW	476
FINAL FLOW	657
FINAL SHUT-IN	1243
FINAL HYDROSTATIC	1732
MAXIMUM TEMPERATURE	114
TOP RECORDER DEPTH	3650
RECORDER NUMBER	78226
BOTTOM RECORDER DEPTH	
RECORDER NUMBER	13189

INITIAL BLOW **GOOD 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 3 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**

DRILL PIPE LENGTH **2894**

DRILL PIPE I.D. **3.8**

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

DRILL COLLAR LENGTH **487**

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 **9.2**

VISCOSITY **44**

WATER LOSS **8.8**

CHLORIDES-PITS **7000**

CHLORIDES-DST

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

TOTAL RECOVERY

COMMENTS

SUPERIOR TESTERS ENTERPRISES INC.
DRILL STEM TEST REPORT
 GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR	STERLING DRILLING RIG #1	DRILL COLLAR LENGTH	447
DRILL PIPE LENGTH	3190	DRILL COLLAR I.D.	2.25
DRILL PIPE I.D.	3.8	TOOL JOINT SIZE	4 1/2 X.H.
TOOL JOINT SIZE	4 1/2 X.H.	TOOL JOINT SIZE	4 1/2 X.H.
WEIGHT PIPE LENGTH		MUD WEIGHT #GAL	9.1
WEIGHT PIPE I.D.	2.25	VISCOSITY	45
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	10.4
		CHLORIDES-PITS	19000
		CHLORIDES-DST	22000

FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1) 1400	SALT WATER CHLORIDES 22000				
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					

TOTAL RECOVERY

COMMENTS

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 29 2001

CONSERVATION DIVISION
WICHITA, KS

1 1

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1 1

1 1

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