

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

API NO. 15-185-22,952-0000 **CONFIDENTIAL**

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: None

Operator Contact Person: Elwyn H. Nagel

Phone (316) 684-8481

Contractor: Name: Sterling Drilling Company

License: 5142 **KCC**

Wellsite Geologist: Jeff Klock **MAR 14**

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SUD  SIOU  SIOU  SIOU

Gas  ENHR  ENHR  ENHR

Dry  Other (Core, Well Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SUD

Plug Back  PBTB

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SUD or Inj?)  Docket No. \_\_\_\_\_

2/7/94 2/12/94 2/14/94

Spud Date 2/7/94 Date Reached TD 2/12/94 Completion Date 2/14/94

County Stafford

50'S - E/2 - E/2 - SE Sec. 2 Twp. 21S Rgo. 11W

1270' FSL Foot from S/W (circle one) Line of Section

330' FEL Foot from E/W (circle one) Line of Section

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

Lease Name MANNING Well # 1-2

Field Name Wildcat

Producing Formation None

Elevation: Ground 1744 KB 1753

Total Depth 3475 PBTB NA

Amount of Surface Pipe Set and Cemented at 259' Foot

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Foot

Alternate II completion, cement circulated from \_\_\_\_\_

foot depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cat.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)

Chloride content 48,000 ppm Fluid volume NA bbls

Dewatering method used Truck hauling/Evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name F. G. Holl Company L.L.C.

Lease Name Rader License No. 5056

NE Quarter Sec. 18 Twp. 21S S Rng. 11W E/W

County Stafford Docket No. D-26.046

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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.

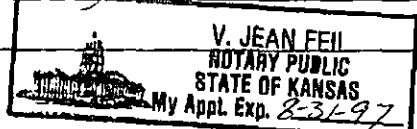
Signature Elwyn H. Nagel

Title Elwyn H. Nagel, Manager Date 3-14-94

Subscribed and sworn to before me this 14 day of March 19 94.

Notary Public [Signature]

Date Commission Expires \_\_\_\_\_



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
G  Geologist Report Received  
Distribution  
 KCC  SUD/Rep  NGPA  
 KGS  Plug  Other (Specify)

SIDE TWO

JAN 1970

Operator Name F. G. Holl Company L.L.C. Lease Name MANNING Well # 1-2

Soc. 2 Twp. 21 Rgo. 11W  East  West County Stafford

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 Shoots.)	<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	HEEBNER	2912	(-1159)
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BROWN LIME	3039	(-1286)
List All E.Logs Run:		LANSING	3058	(-1305)
ZDLC/CN/GR		BKC	3295	(-1542)
DIFL		CONGLOMERATE CHERT	3322	(-1569)
ML/CAL		VIOLA CHERT	3344	(-1591)
		SIMPSON SHALE	3358	(-1605)
		SIMPSON SAND	3379	(-1626)
		ARBUCKLE	3389	(-1636)
		RTD	<del>4375</del> 3475	(-1722)

CASING RECORD <input checked="" type="checkbox"/> Now <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"	24#	259'	60/40 Poz	225	2%gel, 3%cc

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SUD or Inj. <u>D&amp;A</u>	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas:	<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	METHOD OF COMPLETION	Production Interval
		<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	<u>D&amp;A</u>

ORIGINAL

15.185.22952.0000  
P.O. BOX 951046  
DALLAS, TX 75395-1046



HALLIBURTON

CONFIDENTIAL

FEB 24 REC'D

INVOICE

INVOICE NO.	DATE
641903	02/07/1994

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
MANNING 1-2		STAFFORD		KS	SAME
SERVICE LOCATION	CONTRACTOR		JOB PURPOSE		TICKET #
PRATT	STERLING DRILLING CO		CEMENT SURFACE CASING		02/07/1994
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
392900	V.L. THOMPSON			COMPANY TRUCK	63802

ORIGINAL

F G HOLL  
P O BOX 158  
BELPRE, KS 67519

DIRECT CORRESPONDENCE TO:  
OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2000  
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	27	MI	2.75	74.25
		1	UNT		
001-016	CEMENTING CASING	263	FT	575.00	575.00
		1	UNT		
030-503	WOODEN TOP PLUG	8	5/8 IN	95.00	95.00
		1	EA		
504-136	CEMENT - 40/60 POZMIX STANDARD	225	SK	5.68	1,278.00
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	28.25	169.50
500-207	BULK SERVICE CHARGE	237	CFT	1.35	319.95
500-306	MILEAGE CMTG MAT DEL OR RETURN	265.491	TMI	.95	252.22
INVOICE SUBTOTAL					2,763.92
DISCOUNT-(BID)					552.78-
INVOICE BID AMOUNT					2,211.14
*-KANSAS STATE SALES TAX					79.17
*-PRATT COUNTY SALES TAX					16.16
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,306.47

KCC

MAR 14

CONFIDENTIAL



RECEIVED

KANSAS CORPORATION COMMISSION

MAR 15 1994

CONSERVATION DIVISION  
WICHITA, KS

950-902-06

Cement Surface Cg

*[Handwritten signature]*

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

ORIGINAL

CONFIDENTIAL

API# 15-185-22952

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 2-11-1994 Location 50'S-612-1/2-SR 1-21'S-11"N Elevation 1753 K.B. 1744 G.L. 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 67278-0167

Drilling Contractor STERLING DRILLING RIG #4

Length Drill Pipe 2888 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 397 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 3257 Bottom Packer Depth 3262 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3262 TO 3345 ANCHOR LENGTH 83 TOTAL DEPTH 3345 Hole Size 7 7/8"

LEASE & WELL NO. MANNING # 132 FORMATION TESTED LANSING "KEL" E CONGLOMERATE CH TEST NO. 1

Mud Weight 9.9 Viscosity 47 Water Loss 9.4 Chlorides - Pits 4000 D.S.T. \_\_\_\_\_

Maximum Temp. 107 °F Initial Hydrostatic Pressure (A) 1682 P.S.I. Final Hydrostatic Pressure (H) 1660 P.S.I.

Tool Open I.F.P. from <u>2:00 P.m</u> to <u>2:15 P.m</u> <u>15</u> min	from [B] <u>89</u> P.S.I. to [C] <u>89</u> P.S.I.
Tool Closed I.C.I.P. from <u>2:15 P.m</u> to <u>2:45 P.m</u> <u>30</u> min	[D] <u>133</u> P.S.I.
Tool Open F.F.P. from <u>2:45 P.m</u> to <u>3:00 P.m</u> <u>15</u> min	from [E] <u>89</u> P.S.I. to [F] <u>89</u> P.S.I.
Tool Closed F.C.I.P. from <u>3:00 P.m</u> to <u>3:30 P.m</u> <u>30</u> min	[G] <u>111</u> P.S.I.

Initial Blow VERY WEAK 1/2 inch blow DECREASED TO VERY WEAK SURFACE blow

Final Blow VERY WEAK INTERMITTANT blow FOR 7 minutes & DIED

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

5 Feet of Drilling mud - with a few spots of oil % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of BETWEEN THE TOOLS % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of KCC % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of MAR 14 % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of RECEIVED % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of KANSAS CORPORATION CO % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of CONFIDENTIAL % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of MAR 15 1994 % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of CONSERVATION DIVISION % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of WICHITA, KS % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

Remarks \_\_\_\_\_

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

Top Recorder No. 11088 Clock No. 47441 Depth 3339 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11087 Clock No. 47442 Depth 3342 Insurance NONE

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

Tool Operator Jane Audig

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

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.

No 11128

ORIGINAL

API#15-185-22952

Superior Testers Enterprises, Inc.

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

CONFIDENTIAL

Date 2-11-1994 Location 50°S-52-1/2°N 1-21°W Elevation 1753 R.L. County Stafford

Company F.G. HOLL COMPANY L.L.C. Number of Copies 5

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

Drilling Contractor Sterling Drilling Rig #4

Length Drill Pipe 412923 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 397 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 11

Top Packer Depth 3336 Bottom Packer Depth 3341 Number of Packers 2 Packer Size 6 5/4"

TESTED FROM 3341 TO 3365 ANCHOR LENGTH 24 TOTAL DEPTH 3365 Hole Size 7 1/8

LEASE & WELL NO. Wichita # 1-2 FORMATION TESTED Viola chert TEST NO. 26

Mud Weight 9.5 Viscosity 47 Water Loss 9.4 Chlorides - Pits 4000 D.S.T. 28000

Maximum Temp. 109 °F Initial Hydrostatic Pressure (A) 1693 P.S.I. Final Hydrostatic Pressure (H) 1671 P.S.I.

Tool Open I.F.P. from 11:30 P.m to 12:00 A.m 30 min

Tool Closed I.C.I.P. from 12:00 A.m to 1:00 A.m 60 min

Tool Open F.F.P. from 1:00 A.m to 2:00 A.m 60 min

Tool Closed F.C.I.P. from 2:00 A.m to 3:30 A.m 90 min

from [B] 55 P.S.I. to [C] 111 P.S.I.  
[D] 998 P.S.I.  
from [E] 144 P.S.I. to [F] 222 P.S.I.  
[G] (APPROX 60 min) 932 965 P.S.I.

Initial Blow WEAK building blow built to 9 inches into the water

Final Blow WEAK building blow built to 10 inches into the water

Total Feet Recovered 375 **KCC** Gravity of Oil \_\_\_\_\_ Correc \_\_\_\_\_

935 Feet of MUDDY WATER % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wa \_\_\_\_\_

120 Feet of SLIGHTLY MUDDY WATER **MAR 1 4** % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wa \_\_\_\_\_

120 Feet of MUDDY WATER WITH A TRACE OF MUD **CONFIDENTIAL** % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wa \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ **RECEIVED** % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wa \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ **KANSAS CORPORATION COMMISSION** % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wa \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wa \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ **MAR 15 1994** % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wa \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wa \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ **CONSERVATION DIVISION** % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wa \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ **WICHITA, KS** % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wa \_\_\_\_\_

Remarks RESISTIVITY .37 AT 64 DEGREES

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

Top Recorder No. 11088 Clock No. 47441 Depth 3359 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11087 Clock No. 47442 Depth 3362 Insurance NONE

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

Tool Operator Lee Rudy

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

No 11129

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.

ORIGINAL

API # 15-185-22952

Superior Testers Enterprises, Inc.

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

CONFIDENTIAL

Date 2-12-1993 Location S 1/2 - 1/2 - 3/4 1-21-11 W Elevation 1753 RB County Stafford

Company F.G. Hall Company Number of Copies 5

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

Drilling Contractor Sterling Drilling Rig #4

Length Drill Pipe 2949 I.D. Drill Pipe 4.380 Tool Joint Size 4 1/2" X.H.

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

Length Drill Collars 397 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 3362 Bottom Packer Depth 3367 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3367 TO 3396 ANCHOR LENGTH 29 TOTAL DEPTH 3396 Hole Size 7 7/8

LEASE & WELL NO. MANNING # 122 FORMATION TESTED Sinesau Sand & Nubuckles RESTINO

Mud Weight 9.3 Viscosity 85 Water Loss 94 Chlorides - Pits 9000 D.S.T.

Maxlimum Temp. 109 °F Initial Hydrostatic Pressure (A) 1693 P.S.I. Final Hydrostatic Pressure (H) 1660 P.S.

Tool Open I.F.P. from 3:30 P.m to 4:00 P.m 30 min from [B] 66 P.S.I. to [C] 66 P.S.I.

Tool Closed I.C.I.P. from 4:00 P.m to 5:00 P.m 60 min [D] 523 P.S.I.

Tool Open F.F.P. from 5:00 P.m to 5:30 P.m 30 min from [E] 66 P.S.I. to [F] 66 P.S.I.

Tool Closed F.C.I.P. from 5:30 P.m to 6:30 P.m 60 min [G] 321 P.S.I.

Initial Blow WEAK blow built to 1 inch DECREASED & DIED IN 25 MINUTES

Final Blow NO BLOW

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

5 Feet of DRILLING MUD with a good show of oil % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wat \_\_\_\_\_

Feet of ON THE BLANKED OFF OUTSIDE RECORDER % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wat \_\_\_\_\_

Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wat \_\_\_\_\_

Feet of KCC RECEIVED % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wat \_\_\_\_\_

Feet of MAR 14 KANSAS CORPORATION COMMISSION % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wat \_\_\_\_\_

Feet of CONFIDENTIAL MAR 15 1994 % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wat \_\_\_\_\_

Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wat \_\_\_\_\_

Feet of CONSERVATION DIVISION % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wat \_\_\_\_\_

Feet of WICHITA, KS % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wat \_\_\_\_\_

Remarks \_\_\_\_\_

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

Top Recorder No. 11088 Clock No. 47441 Depth 3390 Clr. Sub. NONE Sampler NONE

Bottom Recorder No. 11087 Clock No. 47442 Depth 3393 Insurance NONE

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

Tool Operator Gene Audig

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

No 11130

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.

ORIGINAL

API #15-185-22952

Superior Testers Enterprises, Inc.

CONFIDENTIAL

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

(316) 792-6902

Date 12-13-1994 Location 50's-42-5/2-5/2 1-21 1/2" Elevation 1753 K.B. County Stafford

Company F.G. HOLL COMPANY Number of Copies 5

Charts Mailed to 6427 EAST KELLONG P.O. Box 780167 WICHITA KANSAS 67278-0167

Drilling Contractor Steeling Rig #4

Length Drill Pipe 3973 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 397 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 3386 Bottom Packer Depth 3391 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3391 TO 3401 ANCHOR LENGTH 10 TOTAL DEPTH 3401 Hole Size 7 7/8"

LEASE & WELL NO. ~~MORNING STAR~~ FORMATION TESTED ARBUCKLE TEST NO. 54

Mud Weight 9.3 Viscosity 85 Water Loss 9.4 Chlorides - Pits 9000 D.S.T. 21000

Maximum Temp. 112 °F Initial Hydrostatic Pressure (A) 1704 P.S.I. Final Hydrostatic Pressure (H) 1471 P.S.I.

Tool Open I.F.P. from 2:15 Am to 2:45 Am 30 min

Tool Closed I.C.I.P. from 2:45 Am to 3:45 Am 60 min

Tool Open F.F.P. from 3:45 Am to 4:45 Am 60 min

Tool Closed F.C.I.P. from 4:45 Am to 6:15 Am 90 min

Initial Blow WEAK building Blow built to 7 1/2 inches into the water

Final Blow WEAK building Blow built to 10 inches into the water

Total Feet Recovered 370 Gravity of Oil Correct

2 Feet of CLEAN OIL % Gas % Oil % Mud % Wa

38 Feet of SLIGHTLY OIL CUT WATERY MUD 0 % Gas 2 % Oil 73 % Mud 25 % Wa

330 Feet of SLIGHTLY MUDDY WATER WITH A TRACE OF OIL 0 % Gas 0 % Oil 5 % Mud 95 % Wa

Feet of LESS THAN 1% OIL % Gas % Oil % Mud % Wa

Feet of KCC RECEIVED % Gas % Oil % Mud % Wa

Feet of KANSAS CORPORATION COMMISSION % Gas % Oil % Mud % Wa

Feet of MAR 14 % Gas % Oil % Mud % Wa

Feet of CONFIDENTIAL MAR 15 1994 % Gas % Oil % Mud % Wa

Feet of .48 CONSERVATION DIVISION % Gas % Oil % Mud % Wa

Remarks Resistivity at 50 DEGREES WICHITA, KS

CORRECTED RW @ 112 DEGREES .218

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

Top Recorder No. 11088 Clock No. 47441 Depth 3995 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11087 Clock No. 47442 Depth 3998 Insurance NONE

Price of Job

Tool Operator Gene Budj

Approved By

No. 11131

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 sustained, directly or indirectly, through the use of its equipment, or its statement 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.

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

**COPY**

**CONFIDENTIAL**  
**CONFIDENTIAL**

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: None

Operator Contact Person: Elwyn H. Nagel

Phone (316) 684-8481

Contractor: Name: Sterling Drilling Company

License: 5142

Wellsite Geologist: Jeff Klock

Designate Type of Completion 3-15-1994

New Well  Re-Entry  Workover

Oil  SWD  SIOU  
 Gas  ENHR  
 Dry  Other (Core,  Expl.,  Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBTD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

2/7/94 2/12/94 2/14/94  
Spud Date Date Reached TD Completion Date

API NO. 15-185-22,952-0000

County Stafford

50'S - E/2-E/2 - SE Sec. 2 Twp. 21S Rge. 11W

1270' FSL Feet from S/W (circle one) Line of Section

330' FEL Feet from E/W (circle one) Line of Section

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

Lease Name MANNING Well # 1-2

Field Name Wildcat

Producing Formation None

Elevation: Ground 1744 KS 1753

Total Depth 3475 PBTD NA

Amount of Surface Pipe Set and Cemented at 259' 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 cat.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)

Chloride content 48,000 ppm Fluid volume NA bbls

Dewatering method used Truck hauling/Evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name F. G. Holl Company L.L.C.

Lease Name Rader License No. 5056

NE Quarter Sec. 18 Twp. 21S S Rng. 11W E/W

County Stafford Docket No. D-26.046

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado  
[Dorby Building, 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 Elwyn H. Nagel, Manager Date 3-14-94

Subscribed and sworn to before me this 14 day of March  
1994.

Notary Public [Signature]

Date Commission Expires \_\_\_\_\_

**V. JEAN FEIL**  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appl. Exp. 8-31-97

**K.C.C. OFFICE USE ONLY**  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
  
Distribution  
\_\_\_\_ KCC \_\_\_\_\_ SUD/Rep \_\_\_\_\_ NGPA  
\_\_\_\_ KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other  
(Specify)