

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

API NO. 15- 185-23, 031-0000 *Plugged 8/22/96*

County Stafford **ORIGINAL**  
S/2 S/2 NW Sec. 35 Twp. 24S Rge. 15  E  W

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

2970 Feet from (S)N (circle one) Line of Section  
3960 Feet from (E)W (circle one) Line of Section

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

Purchaser: \_\_\_\_\_  
Operator Contact Person: Elwyn H. Nagel  
Phone (316) 684-8481

Lease Name Scott Well # 1-35  
Field Name Farmington

Producing Formation None  
Elevation: Ground 2016 XB 2025

Contractor: Name: Sterling Drilling Co. Rig 4  
License: 5142

Total Depth 4461 PBDT \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 230 Feet

Wellsite Geologist: W. Bryce Bidleman

Multiple Stage Cementing Collar Used?  Yes  No

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  S10W  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

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

If Alternate II completion, cement circulated from NA

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cnt.

If Workover/Re-Entry: old well info for \_\_\_\_\_

Drilling Fluid Management Plan D&A 97 7-22-97  
(Data must be collected from the Reserve Pit)

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Operator: \_\_\_\_\_  
Well Name: DEC 10 1996  
Comp. Date: 12-10-96  
CONSERVATION DIVISION  
WICHITA, KS  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBDT  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) Docket No. \_\_\_\_\_  
8/13/96 8/21/96 8/22/96  
Spud Date Date Reached TD Completion Date

Chloride content 3,000 ppm Fluid volume 160 bbls

Dewatering method used Water was hauled.

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

Operator Name F. G. Holl Co., LLC.

Lease Name McBurney License No. 1-22

NE Quarter Sec. 22 Twp. 24 S Rng. 17 E/W

County Stafford Docket No. D-24,542

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 Manager Date 12/10/96  
Subscribed and sworn to before me this 10th day of December, 1996.  
Notary Public V. Jean Feil  
Date Commission Expires \_\_\_\_\_

| K.C.C. OFFICE USE ONLY              |                                     |                                    |
|-------------------------------------|-------------------------------------|------------------------------------|
| F                                   | <input checked="" type="checkbox"/> | Letter of Confidentiality Attached |
| C                                   | <input checked="" type="checkbox"/> | Wireline Log Received              |
| C                                   | <input checked="" type="checkbox"/> | Geologist Report Received          |
| Distribution                        |                                     |                                    |
| <input checked="" type="checkbox"/> | KCC                                 | <input type="checkbox"/> SWD/Rep   |
| <input type="checkbox"/>            | KGS                                 | <input type="checkbox"/> Plug      |
|                                     |                                     | <input type="checkbox"/> NGPA      |
|                                     |                                     | <input type="checkbox"/> Other     |
|                                     |                                     | (Specify)                          |



Operator Name F. G. Holl Company, L.L.C. Lease Name Scott Well # 1-35

Sec. 35 Twp. 24S Rge. 15  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  Yes  No  
(Attach Additional Sheets.)  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No  
Electric Log Run  Yes  No  
(Submit Copy.)  
List All E.Logs Run:

Western Atlas  
DIFL/GR/ZDL/CN/ML

| Name          | Top  | Datum   |
|---------------|------|---------|
| Herington     | 2039 | (-14)   |
| Red Eagle     | 2664 | (-639)  |
| Howard        | 3112 | (-1087) |
| Heebner       | 3588 | (-1563) |
| Brown Lime    | 3739 | (-1714) |
| Base/KC       | 4001 | (-1976) |
| Viola         | 4158 | (-2133) |
| Simpson Shale | 4327 | (-2302) |
| Simpson Sand  | 4346 | (-2321) |
| Arbuckle      | 4414 | (-2389) |
| RTD           | 4461 | (-2436) |
| LTD           | 4458 | (-2433) |

**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"                    | 23#             | 230' KB       | 60/40 Poz      | 180          | 2% Gel, 3% CC              |

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

| 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  Yes  No

Date of First, Resumed Production, SWD or Inj. D&A Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil N/A Bbls. Gas N/A Mcf Water N/A Bbls. Gas-Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.) **METHOD OF COMPLETION**  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_ **Production Interval** \_\_\_\_\_



# HALLIBURTON ORIGINAL

REMIT TO:  
P.O. BOX 951046  
DALLAS, TX 75395-1046

DUPLICATE INVOICE

| INVOICE NO. | DATE       |
|-------------|------------|
| 968610      | 08/13/1996 |

| WELL LEASE NO./PROJECT | WELL/PROJECT LOCATION | STATE | OWNER |
|------------------------|-----------------------|-------|-------|
| COTT 1-35              | STAFFORD              | KS    | SAME  |

| SERVICE LOCATION | CONTRACTOR        | JOB PURPOSE           | TICKET DATE |
|------------------|-------------------|-----------------------|-------------|
| PRATT            | STERLING DRILLING | CEMENT SURFACE CASING | 08/13/1996  |

| ACCT. NO. | CUSTOMER AGENT | VENDOR NO. | CUSTOMER P.O. NUMBER | SHIPPED VIA   | FILE NO. |
|-----------|----------------|------------|----------------------|---------------|----------|
| 92900     | V L THOMPSON   |            |                      | COMPANY TRUCK | 12219    |

F G HOLL  
P O BOX 158  
BELPRE, KS 67519

DIRECT CORRESPONDENCE TO:  
P O BOX 428  
HAYS KS 67601  
913-625-3431

| REFERENCE NO. | DESCRIPTION                    | QUANTITY | UM  |
|---------------|--------------------------------|----------|-----|
|               | PRICING AREA - MID CONTINENT   |          |     |
| 000-117       | MILEAGE CEMENTING ROUND TRIP   | 66       | MI  |
|               |                                | 1        | UNT |
| 001-016       | CEMENTING CASING               | 233      | FT  |
|               |                                | 1        | UNT |
| 030-503       | TOP WOODEN PLUG                | 8 5/8    | IN  |
|               |                                | 1        | EA  |
| 504-136       | CEMENT - 40/60 POZMIX STANDARD | 180      | SK  |
| 509-406       | ANHYDROUS CALCIUM CHLORIDE     | 5        | SK  |
| 500-207       | BULK SERVICE CHARGE            | 188      | CFT |
| 500-306       | MILEAGE CMTG MAT DEL OR RETURN | 259.842  | TMI |

INVOICE SUBTOTAL

DISCOUNT-(BID)  
INVOICE BID AMOUNT

ENTERED S

- \*- KANSAS STATE SALES TAX
- \*- PRATT COUNTY SALES TAX

RECEIVED  
KANSAS CORPORATION COMMISSION

DEC 10 1996

CONSERVATION DIVISION  
WICHITA, KS



INVOICE TOTAL -- PLEASE PAY THIS AMOUNT -----

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable 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, 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.



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

|             |            |
|-------------|------------|
| INVOICE NO. | DATE       |
| 968616      | 08/22/1996 |

|                        |                       |                 |                      |
|------------------------|-----------------------|-----------------|----------------------|
| WELL LEASE NO./PROJECT | WELL/PROJECT LOCATION | STATE           | OWNER                |
| ST 1-35                | STAFFORD              | KS              | SAME                 |
| SERVICE LOCATION       | CONTRACTOR            | JOB PURPOSE     | TICKET DATE          |
| PRATT                  | STERLING DRILLING     | PLUG TO ABANDON | 08/22/1996           |
| ACCT. NO.              | CUSTOMER AGENT        | VENDOR NO.      | CUSTOMER P.O. NUMBER |
| 392900                 | V L THOMPSON          |                 |                      |
|                        |                       | SHIPPED VIA     | FILE NO.             |
|                        |                       | COMPANY TRUCK   | 12651                |

ORIGINAL

F G HOLL  
P O BOX 158  
BELPRE, KS 67519

DIRECT CORRESPONDENCE TO:  
P O BOX 428  
HAYS KS 67601  
913-625-3431

| REFERENCE NO.                | DESCRIPTION                    | QUANTITY | UM  | UNIT PRICE | AMOUNT |
|------------------------------|--------------------------------|----------|-----|------------|--------|
| PRICING AREA - MID CONTINENT |                                |          |     |            |        |
| 000-117                      | MILEAGE CEMENTING ROUND TRIP   | 60       | MI  |            |        |
|                              |                                | 1        | UNT |            |        |
| 090-910                      | MISCELLANEOUS PUMPING JOB      | 1        | TRK |            |        |
| 030-503                      | TOP WOODEN PLUG                | 8 5/8    | IN  |            |        |
|                              |                                | 1        | EA  |            |        |
| 504-136                      | CEMENT - 40/60 POZMIX STANDARD | 125      | SK  |            |        |
| 507-277                      | HALLIBURTON-GEL BENTONITE      | 4        | SK  |            |        |
| 500-207                      | BULK SERVICE CHARGE            | 133      | CFT |            |        |
| 500-306                      | MILEAGE CMTG MAT DEL OR RETURN | 182.325  | TMI |            |        |

INVOICE SUBTOTAL

DISCOUNT-(BID)  
INVOICE BID AMOUNT

ENTERED SEP 10 11

- \*-KANSAS STATE SALES TAX
- \*-PRATT COUNTY SALES TAX

1234  
A  
SEP  
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31/15/1996  
RLL

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>

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.

15-185-23031

# Superior Testers Enterprises, Inc.

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

(316) 792-6902

## ORIGINAL

Date 8-21-1996 Location 1/2-3/2-4/2 32-24-15 W Elevation 2025 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 67278-0167

Drilling Contractor Sterling Drilling Rig #4

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

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

Length Drill Collars 546 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 4"

Top Packer Depth 4414 Boltom Packer Depth 4419 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4419 TO 4426 ANCHOR LENGTH 7 TOTAL DEPTH 4426 Hole Size 7 7/8"

LEASE & WELL NO. Scott #1-35 FORMATION TESTED ARBuckle TEST NO. 5

Mud Weight 9.2 Viscosity 56 Water Loss 8.8 Chlorides - Pits 6500 D.S.T. 26000

Maximum Temp. 128 °F Initial Hydrostatic Pressure (A) 2130 P.S.I. Final Hydrostatic Pressure (H) 2120 P.S.I.

Tool Open I.F.P. from 2:00 A.m to 2:30 A.m 30 min from [B] 37 P.S.I. to [C] 68 P.S.I.

Tool Closed I.C.I.P. from 2:30 A.m to 3:30 A.m 60 min [D] 1519 P.S.I.

Tool Open F.F.P. from 3:30 A.m to 4:30 A.m 60 min from [E] 71 P.S.I. to [F] 134 P.S.I.

Tool Closed F.C.I.P. from 4:30 A.m to 6:00 A.m 90 min [G] 1513 P.S.I.

Initial Blow VERY WEAK building blow built to 2 inches into the water

Final Blow VERY WEAK building blow built to 3 inches into the water

Total Feet Recovered 200 Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

15 Feet of VERY SLIGHTLY GAS CUT CLEAN O.I. % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

185 Feet of SLIGHTLY MUDDY water with a slight % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

Feet of Show of o.i. % 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. 47441 Clock No. 11088 Depth 4406 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 78225 Clock No. Elton Depth 4422 Insurance NONE

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

Tool Operator Stone Bushy

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

No 11292

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.

15-185-23031

# Superior Testers Enterprises, Inc.

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

(316) 792-6902

## ORIGINAL

Date 8-20-1996 Location 42-92-11W 35-24-15<sup>W</sup> Elevation 2016.6 L County Stafford 2025 K.B.

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 3804 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" N.H.

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

Length Drill Collars 546 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" N.H.

Top Packer Depth 4366 Bottom Packer Depth 4371 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4371 TO 4421 ANCHOR LENGTH 50 TOTAL DEPTH 4421 Hole Size 7 7/8"

LEASE & WELL NO. Scott # 1-35 FORMATION TESTED Arbuckle TEST NO. 4

Mud Weight 9.2 Viscosity 56 Water Loss 8.8 Chlorides - Pits 6500 D.S.T. \_\_\_\_\_

Maximum Temp. 115 °F Initial Hydrostatic Pressure (A) 2165 P.S.I. Final Hydrostatic Pressure (H) 2116 P.S.I.

Tool Open I.F.P. from 2:45 P.M. to 3:00 P.M. 15 min

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

Tool Open F.F.P. from 3:30 P.M. to 3:45 P.M. 15 min

Tool Closed F.C.I.P. from 3:45 P.M. to 4:15 P.M. 30 min

Initial Blow VERY WEAK SURFACE BLOW FOR 7 MINUTES & D.I.E.D

Final Blow VERY FEW BUBBLES & D.I.E.D

Total Feet Recovered 20 Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

|                                      |       |       |       |         |
|--------------------------------------|-------|-------|-------|---------|
| <u>20</u> Feet of <u>oil cut 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 |

|   |
|---|
| from [B] <u>53</u> P.S.I. to [C] <u>61</u> P.S.I. |
| [D] <u>1337</u> P.S.I.                            |
| from [E] <u>61</u> P.S.I. to [F] <u>62</u> P.S.I. |
| [G] <u>1256</u> P.S.I.                            |

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CONSERVATION DIVISION  
WICHITA, KS

Remarks \_\_\_\_\_

Extra Equipment - Jars NONE Safety Joint yes Extra Packer none Straddle none Hook Wall none

Top Recorder No. 78225 Clock No. Electronic Depth 4418 Cir. Sub none Sampler none

Bottom Recorder No. 11088 Clock No. 47441 Depth 4414 Insurance none

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

Tool Operator Dave Budig

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

No. 11291

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.

15-185-23031

# Superior Testers Enterprises, Inc. ORIGINAL

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

Date 8-18-1996 Location 3/2-3/2-NW35-24-15 Elevation 2025 K.B. County Stafford

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

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

Drilling Contractor Steeling Drilling Rig #4

Length: Drill Pipe 3302 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 546 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 3864 Bottom Packer Depth 3869 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3869 TO 3890 ANCHOR LENGTH 21 TOTAL DEPTH 3890 Hole Size 7 7/8"

LEASE & WELL NO. Scott # 1-35 FORMATION TESTED Kansas C. 14" H TEST NO. 1

Mud Weight 9.3 Viscosity 58 Water Loss 12.8 Chlorides - Pits 9000 D.S.T. 88000

Maximum Temp. 115 °F Initial Hydrostatic Pressure (A) 1898 P.S.I. Final Hydrostatic Pressure (H) 1897 P.S.I.

Tool Open I.F.P. from 11:45 A.M. to 12:15 P.M. 30 min from [B] 45 P.S.I. to [C] 66 P.S.I.

Tool Closed I.C.I.P. from 12:15 P.M. to 1:15 P.M. 60 min [D] 918 P.S.I.

Tool Open F.F.P. from 1:15 P.M. to 2:15 P.M. 60 min from [E] 65 P.S.I. to [F] 99 P.S.I.

Tool Closed F.C.I.P. from 2:15 P.M. to 3:15 P.M. 60 min [G] 696 P.S.I.

Initial Blow Strong blow built to the bottom of a 5 Gallon bucket in 10 seconds

Final Blow Strong blow built to the bottom of a 5 Gallon bucket immediately

Total Feet Recovered 125 Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

65 Feet of Gassy mud % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

60 Feet of Gassy slightly water cut mud % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

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

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

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

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

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

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

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

Remarks \_\_\_\_\_

Extra Equipment - Jars NONE Safety Joint yes Extra Packer none Straddle none Hook Wall none

Top Recorder No. 78225 Clock No. Electronic Depth 3889 Cir. Sub none Sampler None

Bottom Recorder No. 11088 Clock No. 47441 Depth 3887 Insurance none

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

Tool Operator Gene Budig

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

No 11290

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.

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KANSAS CORPORATION COMMISSION

DEC 10 1996

CONSERVATION DIVISION  
WICHITA, KS

# SUPERIOR TESTERS ENTERPRISES INC.

GREAT BEND, KANSAS

GAS FLOW RATE

(316) 792-6902

SCOTT#1-35 KANSAS CITY"H"

State ..... KANSAS  
 County ..... STAFFORD  
 Field ..... WILDCAT

Test Date ..... August 18, 1996  
 Sec Town Range ..... 35-24S-15W  
 Report Number ..... 11290

## Initial Flow

ORIGINAL

| Comments | Time<br>(hh:mm:ss) | Period<br>dt (min) | Inches H2O<br>Orifice Tester | PSI on<br>Orifice Tester | PSI on<br>Pitot Tube | Choke<br>Size (in) | Gas Rate<br>(MCF/Day) |
|----------|--------------------|--------------------|------------------------------|--------------------------|----------------------|--------------------|-----------------------|
|          |                    |                    |                              |                          |                      |                    |                       |

## Final Flow

| Comments                  | Time<br>(hh:mm:ss) | Period<br>dt (min) | Inches H2O<br>Orifice Tester | PSI on<br>Orifice Tester | PSI on<br>Pitot Tube | Choke<br>Size (in) | Gas Rate<br>(MCF/Day) |
|---------------------------|--------------------|--------------------|------------------------------|--------------------------|----------------------|--------------------|-----------------------|
| TOOL OPENED               | 1:30:00            | 15                 | 3.50                         |                          |                      | 0.13               | 0.975                 |
| 1:15 WITH GAS             | 1:40:00            | 25                 | 8.00                         |                          |                      | 0.13               | 1.500                 |
| TO SURFACE                | 1:50:00            | 35                 | 10.00                        |                          |                      | 0.13               | 1.670                 |
| GAS WAS TO                | 2:00:00            | 45                 | 9.00                         |                          |                      | 0.13               | 1.590                 |
| SMALL TO                  | 2:10:00            | 55                 | 7.00                         |                          |                      | 0.13               | 1.390                 |
| MEASURE FOR<br>15 MINUTES | 2:15:00            | 60                 | 6.00                         |                          |                      | 0.13               | 1.290                 |



15-185-23031

# Superior Testers Enterprises, Inc ORIGINAL

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

(316) 792-6902

Date 8-16-1996 Location 9-5/2-NW 35-24-15 W Elevation 2025 K.B. 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 67228-0167

Drilling Contractor STERLING Drilling Rig #4

Length Drill Pipe 2532 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" K.H.

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

Length Drill Collars 546 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" K.H.

Top Packer Depth 3094 Bottom Packer Depth 3099 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3099 TO 3130 ANCHOR LENGTH 31 TOTAL DEPTH 3130 Hole Size 7 7/8"

LEASE & WELL NO. Scott #1-35 FORMATION TESTED HOWARD TEST NO. 2

Mud Weight 9.9 Viscosity 45 Water Loss 9.6 Chlorides - Pits 6000 D.S.T. 114000

Maximum Temp. 106 °F Initial Hydrostatic Pressure (A) 1484 P.S.I. Final Hydrostatic Pressure (H) 1463 P.S.I.

Tool Open I.F.P. from 6:45 P.m to 7:15 P.m 30 min

Tool Closed I.C.I.P. from 7:15 P.m to 8:15 P.m 60 min

Tool Open F.F.P. from 8:15 P.m to 9:15 P.m 60 min

Tool Closed F.C.I.P. from 9:15 P.m to 10:15 P.m 60 min

Initial Blow STRONG Blow - GAS to SURFACE in 10 minutes

Final Blow STRONG Blow - SEE GAS REPORT

Total Feet Recovered 750 Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

30 Feet of GASSY MUD % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

120 Feet of GASSY MUDDY WATER % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

120 Feet of GASSY SLIGHTLY MUDDY WATER % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

120 Feet of GASSY <sup>VERY</sup> SLIGHT MUDDY WATER % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

360 Feet of GASSY WATER % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

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

\_\_\_\_\_ Feet of 720' MW SW % 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 NONE Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 78225 Clock No. Electronic Depth 3124 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11088 Clock No. 47441 Depth 3128 Insurance NONE

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

Tool Operator Gene Burley

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

NO 11289

|          |            |               |            |        |
|----------|------------|---------------|------------|--------|
| from [B] | <u>102</u> | P.S.I. to [C] | <u>211</u> | P.S.I. |
| [D]      | <u>942</u> |               |            | P.S.I. |
| from [E] | <u>245</u> | P.S.I. to [F] | <u>398</u> | P.S.I. |
| [G]      | <u>911</u> |               |            | P.S.I. |

RECEIVED  
KANSAS CORPORATION COMMISSION  
DEC 10 1996  
CONSERVATION DIVISION  
WICHITA, KS

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.

WILDCAT BEND, KANSAS

GAS FLOW RATE

(316) 792-6902

SCOTT #1-35 HOWARD

State ..... KANSAS  
 County ..... STAFFORD  
 Field ..... WILDCAT

Test Date ..... August 16, 1996  
 Sec Town Range ..... 35-24S-15W  
 Report Number ..... 11289

ORIGINAL

## Initial Flow

| Comments                            | Time<br>(hh:mm:ss) | Period<br>dt (min) | Inches H2O<br>Office Tester | PSI on<br>Office Tester | PSI on<br>Pitot Tube | Choke<br>Size (in) | Gas Rate<br>(MCF/Day) |
|-------------------------------------|--------------------|--------------------|-----------------------------|-------------------------|----------------------|--------------------|-----------------------|
| TOOL OPENED                         | 6:55:00            | 10                 | 2.000                       |                         |                      | 0.50               | 8.870                 |
| AT 6:45 WITH                        | 7:00:00            | 15                 | 5.00                        |                         |                      | 0.38               | 7.980                 |
| GAS TO                              | 7:05:00            | 20                 | 4.50                        |                         |                      | 0.38               | 7.580                 |
| SURFACE IN 10<br>MINUTES AT<br>6:55 | 7:15:00            | 30                 | 4.00                        |                         |                      | 0.38               | 7.140                 |

## Final Flow

| Comments    | Time<br>(hh:mm:ss) | Period<br>dt (min) | Inches H2O<br>Office Tester | PSI on<br>Office Tester | PSI on<br>Pitot Tube | Choke<br>Size (in) | Gas Rate<br>(MCF/Day) |
|-------------|--------------------|--------------------|-----------------------------|-------------------------|----------------------|--------------------|-----------------------|
| TOOL OPENED | 8:25:00            | 10                 | 10.00                       |                         |                      | 0.13               | 1.670                 |
| AT 8:15     | 8:35:00            | 20                 | 8.00                        |                         |                      | 0.13               | 1.500                 |
|             | 8:45:00            | 30                 | 6.00                        |                         |                      | 0.13               | 1.290                 |
|             | 8:55:00            | 40                 | 18.00                       |                         |                      | 0.13               | 2.240                 |
|             | 9:05:00            | 50                 | 26.00                       |                         |                      | 0.13               | 2.690                 |
|             | 9:15:00            | 60                 | 34.00                       |                         |                      | 0.13               | 3.080                 |

15-185-23031

# Superior Testers Enterprises, Inc. ORIGINAL

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

(316) 792-6902

Date 8-15-1996 Location S/2-S/2-W/4 36-24-15" Elevation 2025 K5 County STAFFORD

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

Charts Mailed to 6427 East KENOGG PO. Box 780167 Wichita Kansas 67228-0167

Drilling Contractor STERLING Drilling Rig #4

Length Drill Pipe 2099 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 546 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 2661 Bottom Packer Depth 2666 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 2666 TO 2694 ANCHOR LENGTH 28 TOTAL DEPTH 2694 Hole Size 7 7/8"

LEASE & WELL NO. Scott #1-35 FORMATION TESTED RED EAGLE TEST NO. 1

Mud Weight 8.9 Viscosity 48 Water Loss 8.8 Chlorides - Pits 2000 D.S.T. 42000

Maximum Temp. 94 °F Initial Hydrostatic Pressure (A) 1230 P.S.I. Final Hydrostatic Pressure (H) 1209 P.S.I.

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

from [B] 59 P.S.I. to [C] 124 P.S.I.

Tool Closed I.C.I.P. from 5:30 P m to 6:30 P m 60 min

[D] 945 P.S.I.

Tool Open F.F.P. from 6:30 P m to 7:30 P m 60 min

from [E] 76 P.S.I. to [F] 182 P.S.I.

Tool Closed F.C.I.P. from 7:30 P m to 9:00 P m 90 min

[G] 738 P.S.I.

Initial Blow Spews blow built to the bottom of a 5 Gallon bucket in 20 SECONDS

Final Blow Strong Blow

Total Feet Recovered 21 Gravity of Oil 1 Corrected

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

200 Feet of Gassy Muddy water % Gas % Oil % Mud % Water

200 Feet of Gassy very slightly mud cat water % Gas % Oil % Mud % Water

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

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

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

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

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

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

Remarks \_\_\_\_\_

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

Top Recorder No. 78225 Clock No. Electronic Depth 2687 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11088 Clock No. 47441 Depth 2691 Insurance NONE

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

Tool Operator Gene Rudy

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

No 11288

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

GAS FLOW RATE

(316) 792-6902

SCOTT#1-35 RED EAGLE

|                       |                                 |
|-----------------------|---------------------------------|
| State ..... KANSAS    | Test Date ..... August 15, 1996 |
| County ..... STAFFORD | Sec Town Range ..... 35-24S-15W |
| Field ..... WILDCAT   | Report Number ..... 11288       |

ORIGINAL

**Initial Flow**

| Comments  | Time<br>(hh:mm:ss) | Period<br>dt (min) | Inches H2O<br>Orifice Tester | PSI on<br>Orifice Tester | PSI on<br>Pitot Tube | Choke<br>Size (in) | Gas Rate<br>(MCF/Day) |
|---|--------------------|--------------------|------------------------------|--------------------------|----------------------|--------------------|-----------------------|
| NO ODOR OF GAS WAS DETECTED DURING THE Initial Flow |                    |                    |                              |                          |                      |                    |                       |

**Final Flow**

| Comments   | Time<br>(hh:mm:ss) | Period<br>dt (min) | Inches H2O<br>Orifice Tester | PSI on<br>Orifice Tester | PSI on<br>Pitot Tube | Choke<br>Size (in) | Gas Rate<br>(MCF/Day) |
|--|--------------------|--------------------|------------------------------|--------------------------|----------------------|--------------------|-----------------------|
| TOOL OPENED  | 6:35:00            | 5                  | 22.00                        |                          |                      | 0.50               | 29.400                |
| AT 6:30 WITH   | 6:45:00            | 15                 | 35.00                        |                          |                      | 0.50               | 37.600                |
| GAS TO   | 6:55:00            | 25                 | 9.00                         |                          |                      | 0.75               | 42.500                |
| SURFACE NO   | 7:05:00            | 35                 | 12.00                        |                          |                      | 0.75               | 49.300                |
| ODOR OF GAS  | 7:15:00            | 45                 | 15.00                        |                          |                      | 0.75               | 55.200                |
| WAS EVER   | 7:25:00            | 55                 | 17.00                        |                          |                      | 0.75               | 58.500                |
| DETECTED BUT GAS WOULD BURN FROM 7:25 TO 7:30 A GAS SAMPLE WAS TAKEN |                    |                    |                              |                          |                      |                    |                       |

**Sterling Drilling Company, Rig #4**

Box 1006, Pratt, Kansas 67124-1006

Office Phone (316) 672-9508, Fax 672-9509

ORIGINAL

**SAMPLE LOG**

**API# 15-185-23031,0000**

**Scott 1-35**

**LOCATION: C S/2 S/2 Nw**

**Section 35 T 24s R 15W  
Stafford County, Kansas**

**OWNER:** F.G. Holl Company L.L.C.  
**CONTRACTOR:** Sterling Drilling Company, Rig #4

**COMMENCED:** 13-Aug-96  
**COMPLETED:** 22-Aug-96

**TOTAL DEPTH:** **DRILLER** 4461 **FEET** **ELEVATIONS:** **G.L.** 2021  
**LOGGER** 4458 **FEET** **K.B.** 2030

**LOG**

- 0 - 170 **FEET** Surface soil and sand
- 170 - 235 **FEET** Shale
- 235 - 1126 **FEET** Shale and Redbeds
- 1126 - 1144 **FEET** Anhydrite
- 1144 - 3450 **FEET** Lime/Shales/Dolomite

Note: Lost some mud volume at 1200'.

**CASING RECORDS**

Spud @ 7:45 am on 8-13-96. Drilled 235' 12-1/4" hole, ran 5 jts 23# 8-5/8" casing. 218.47' set at 230' KB. Cement with 180 sx. 60/40 Poz, 2% Gel, 3% CC. Plug down at 11:00 am on 8-13-96 by HOWCO, Ticket # 968610. Good Returns.

Received plugging orders on 8-16-96 from Steve Middleton. Started plugging at 3:00 am on 8-22-96. Plugged using 60/40 Poz and 6% Gel as follows: 50 sacks at 980', 40 sacks at 260', 10 sacks at 40', 15 sacks in rathole, 10 sacks in mousehole. Plug down at 5:00 am on 8-22-96. Plugged by HOWCO, ticket # 968616.

**DEVIATION SURVEYS**

- 1/4 DEG. @ 235 **FEET**
- 3/4 DEG. @ 2694 **FEET**
- 1 DEG. @ 3130 **FEET**
- 1.25 DEG. @ 4421 **FEET**