

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

**ORIGINAL**

API NO. 15- 007-22,402-00-00

County Barber

C SE SW NE Sec. 15 Twp. 30s Rge. 13w X E W

2970' Feet from S (circle one) Line of Section

1650' Feet from E (circle one) Line of Section

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

Lease Name DAVIS-LAWRENCE Well # 1-15

Field Name Wildcat

Producing Formation Mississippi

Elevation: Ground 1841' KB 1850'

Total Depth 4778' PBTD None

Amount of Surface Pipe Set and Cemented at 234' Feet

Multiple Stage Cementing Collar Used? Yes X 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 DR 12-21-92  
(Data must be collected from the Reserve Pit)

Chloride content 95,000 ppm Fluid volume 50 bbls

Dewatering method used Truck hauling/Evaporation

Location of fluid disposal if hauled offsite:

Operator Name Pratt Well Service

Lease Name WATSON #1-7 SWDW License No. 5893

SE/4 Quarter Sec. 7 Twp. 27s Rng. 13w E/W

County Pratt Docket No. D-19334

Operator: License # 5056

Name: F. G. HOLL COMPANY

Address 6427 E. Kellogg

P.O. Box 780167

City/State/Zip Wichita, KS 67278-0167

Purchaser: NCRA

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

X New Well Re-Entry Workover

X Oil SWD SOW Temp. Abd.

Gas ENHR SIGM

Dry Other (Core, Wash, Export, Cathodic, etc)

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

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

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

Old Total Depth: \_\_\_\_\_

Deepening Re-perf. Conv. to Inj/SWD

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

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

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

8/30/92 9/8/92 10/28/92

Spud Date Date Reached TD Completion Date

FROM CONFIDENTIAL

DEC 02 1992  
12-2-92  
CONSERVATION DIVISION  
WICHITA, KS

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 Managing Partner Date 11/16/92

Subscribed and sworn to before me this 16th day of November, 1992.

Notary Public [Signature]

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

V. JEAN FEIL  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 8-31-93

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

Operator Name F. G. Holl Company

Lease Name DAVIS-LAWRENCE

Well # 1-15

East

County Barber

Sec. 15 Twp. 30s Rge. 13w

West

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
(Submit Copy.)

| Log         |              | Formation (Top), Depth and Datum |              | Sample |
|-------------|--------------|----------------------------------|--------------|--------|
| Name        |              | Top                              | Datum        |        |
| RED EAGLE   | 2695 (- 845) | BKC                              | 4342 (-2492) |        |
| ONAGA SH    | 2820 (- 970) | MARMATON                         | 4350 (-2500) |        |
| INDIAN CAVE | 2832 (- 982) | MISSISSIPP                       | 4419 (-2569) |        |
| STOTLER     | 3024 (-1174) | KINDHK SH                        | 4517 (-2667) |        |
| TARKIO      | 3081 (-1231) | VIOLA                            | 4587 (-2737) |        |
| TOPEKA      | 3350 (-1500) | SIMPSON SH                       | 4634 (-2784) |        |
| HEEBNER     | 3760 (-1910) | SIMPSON SD                       | 4648 (-2798) |        |
| TORONTO     | 3780 (-1930) | ARBUCKLE                         | 4733 (-2883) |        |
| DOUGLAS SH  | 3796 (-1946) | RTD                              | 4778 (-2928) |        |
| BROWN LIME  | 3920 (-2070) | LTD                              | 4777 (-2927) |        |
| LANSTING    | 3940 (-2090) |                                  |              |        |

List All E.Logs Run: Western Atlas

DIFL-GR-CAL  
BHC AC-GR-CAL  
FRACLOG  
ZDL-CN-ML-GR

| PROLOG   |                   |                           |                 |               |                |              |                            |
|--|-------------------|---------------------------|-----------------|---------------|----------------|--------------|----------------------------|
| CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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  | 17"               | 13 3/8" (N)               | 48#             | 234'KB        | 60/40 POZ      | 225          | 2%Gel, 3%CC                |
| Production   | 7 7/8"            | 4 1/2" (U)                | 10.5#           | 4765'KB       | Lite           | 100          | Salt, Gils.                |
|  |                   |                           |                 |               | 50/50 POZ      | 125          |                            |

| 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 |
|----------------|--|---|-------|
| 1 Bullet/ft    | 4420-25, 4427-28, 4430, 4432-33, 4436, 4438, 4441-42, 4444-4445. (Mississippi)         | STOP AC:500galAC, PF, AC:2000 gals 7.5% DSHNP & 24 Sealer balls, SWB:10.44 BFPH, 23%Oil, SIFN, SWB: 2.32 BFPH, 75% Oil, SIFN, FR: 65,000gal THIX WTR & 28,000# 20/40 & 63,000# 12/20 sand, 20,000gals X-Link Pad, Ran | 4445' |

| TUBING RECORD | Size | Set At | Packer At | Tracer Log  |
|---------------|------|--------|-----------|---|
|               | 2"   | 4408'  | None      | <input type="checkbox"/> SIFN <input checked="" type="checkbox"/> SWB:24,44 BFPH, 6%Oil <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No SWB:21.0 BFPH, 25% POP. |

Date of First, Resumed Production, SWD or Inj. 10/28/92 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
|                                   | 50        |         | 60          |               |         |

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  
4420-4445  
(Mississippi)

F. G. HOLL COMPANY

ORIGINAL

6427 EAST KELLOGG - P.O. BOX 780167  
WICHITA, KS 67278-0167

DAVIS-LAWRENCE #1-15  
C SE SW NE, Sec 15-30s-13w  
Barber County, KS  
API#: 15-007-22,402

CONFIDENTIAL: "TIGHT HOLE"

\*\*\*DST #1 (4385-4465) MISSISSIPPI

- 1) FB Building to OBOB in 5"
- 2) WB Building to OBOB in 35"

TIMES: 30"60"60"90"

REC: 1080' GIP  
 60' SGCMw/TO (3%G, 97%M)  
 60' SG&OCMw/TO (3%G, 97%O)  
 120' Total Fluid

IHP: 2244# IFP: 96-106#:30" ISIP: 332#:60"  
 FHP: 2157# FFP: 116-148#:60" FSIP: 351#:90"  
 BHT: NA

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\*\*\*DST #2 (4581-4633) VIOLA

- 1) WB Building to OBOB in 11"
- 2) WB Building to OBOB

TIMES: 30"60"60"90"

REC: 780' Watery Mud  
 IHP: 2359# IFP: 129-251#:30" ISIP: 1604#:60"  
 FHP: 2300# FFP: 299-402#:60" FSIP: 1572#:90"  
 BHT: 121F  
 CHL: 82,000ppm

RELEASED

DEC 22 1994

FROM CONFIDENTIAL

WICHITA COUNTY COMMISSION  
 DEC 02 1992  
 OPERATIONS DIVISION  
 WICHITA, KS

ORIGINAL

DALLAS, TX 75395-1048

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

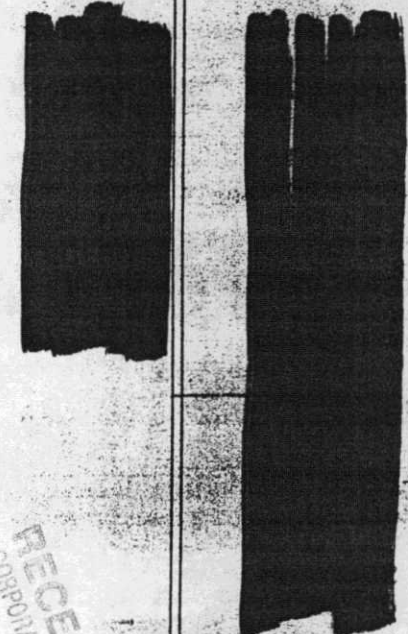
| INVOICE NO. | DATE       |
|-------------|------------|
| 276805      | 08/30/1992 |

|                           |                     |                       |                      |               |          |
|---------------------------|---------------------|-----------------------|----------------------|---------------|----------|
| WELL LEASE NO./PLANT NAME | WELL/PLANT LOCATION | STATE                 | WELL/PLANT OWNER     |               |          |
| DAVIS LAWRENCE 1 15       | BARBER              | KS                    | SAME                 |               |          |
| SERVICE LOCATION          | CONTRACTOR          | JOB PURPOSE           | TICKET DATE          |               |          |
| GREAT MEND                | STEERING DRILLING   | CEMENT SURFACE CASING | 08/30/1992           |               |          |
| ACCT. NO.                 | CUSTOMER AGENT      | VENDOR NO.            | CUSTOMER P.O. NUMBER | SHIPPED VIA   | FILE NO. |
| 292906                    | T S MYRE            |                       |                      | COMPANY TRUCK | 39048    |

F G HOLL  
P O BOX 158  
BELPRE, KS 67519

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5801

| PRICE REF. NO.                         | DESCRIPTION                    | QUANTITY | U/M | UNIT PRICE | AMOUNT |
|--|--------------------------------|----------|-----|------------|--------|
| 000-117                                | MILEAGE                        | 14       | MI  |            |        |
| 001-016                                | CEMENTING CASING               | 235      | FT  |            |        |
| 504-308                                | STANDARD CEMENT                | 135      | SK  |            |        |
| 506-105                                | POZMIX A                       | 6600     | LB  |            |        |
| 506-121                                | HALLIBURTON-GEL 2%             | 4        | LB  |            |        |
| 509-406                                | ANHYDROUS CALCIUM CHLORIDE     | 6        | SK  |            |        |
| 500-207                                | BULK SERVICE CHARGE            | 237      | CMT |            |        |
| 500-306                                | MILEAGE CMTG MAT DEL OR RETURN | 141.52   | THU |            |        |
| INVOICE SUBTOTAL                       |                                |          |     |            |        |
| DISCOUNT-(BID)                         |                                |          |     |            |        |
| INVOICE BID AMOUNT                     |                                |          |     |            |        |
| *--KANSAS STATE SALES TAX              |                                |          |     |            |        |
| *--BARTON COUNTY SALES TAX             |                                |          |     |            |        |
| NOV 1 6                                |                                |          |     |            |        |
| CONFIDENTIAL                           |                                |          |     |            |        |
| INVOICE TOTAL - PLEASE PAY THIS AMOUNT |                                |          |     |            |        |



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KANSAS CORPORATION COMMISSION  
DEC 0 2 1992  
CONSERVATION DIVISION  
WICHITA, KS

RELEASED  
DEC 2 2 1994  
FROM CONFIDENTIAL  
*hlu*

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER SHALL PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY A LAWYER TO ENFORCE COLLECTION OF SAID ACCOUNT CUSTOMER AGREES TO PAY ALL COSTS AND



# HALLIBURTON SERVICES

P.O. BOX 952046  
DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

|             |            |
|-------------|------------|
| INVOICE NO. | DATE       |
| 253863      | 09/09/1992 |

|                           |                     |                          |                      |
|---------------------------|---------------------|--------------------------|----------------------|
| WELL LEASE NO./PLANT NAME | WELL/PLANT LOCATION | STATE                    | WELL/PLANT OWNER     |
| DAVID LAWRENCE 1-15       | BARBER              | KS                       | SAME                 |
| SERVICE LOCATION          | CONTRACTOR          | JOB PURPOSE              | TICKET DATE          |
| PRATT                     | STERLING DRLG       | CEMENT PRODUCTION CASING | 09/09/1992           |
| ACCT. NO.                 | CUSTOMER AGENT      | VENDOR NO.               | CUSTOMER P.O. NUMBER |
| 392900                    | V L THOMPSON        |                          |                      |
|                           |                     |                          | SHIPPED VIA          |
|                           |                     |                          | COMPANY TRUCK        |
|                           |                     |                          | FILE NO.             |
|                           |                     |                          | 39539                |

F G HOLL  
P O BOX 158  
BELFRE, KS 67519

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

| PRICE REF. NO. | DESCRIPTION                     | QUANTITY | U/M | UNIT PRICE | AMOUNT |
|----------------|---------------------------------|----------|-----|------------|--------|
|                | PRICING AREA - EASTERN AREA 1   | 14       | MI  |            |        |
| 000-117        | MILEAGE                         | 1        | UNT |            |        |
|                |                                 | 4767     | FT  |            |        |
| 001-016        | CEMENTING CASING                | 1        | UNT |            |        |
| 030-016        | CEMENTING PLUG SW ALUM TOP      | 4 1/2    | IN  |            |        |
| 019-241        | CASING SWIVEL W/O WALL CLEANER  | 1        | JOB |            |        |
| 018-317        | SUPER FLUSH                     | 12       | SK  |            |        |
| 12A            | GUIDE SHOE - 4 1/2" 8RD THD.    | 1        | EA  |            |        |
| 825.201        |                                 | 1        | EA  |            |        |
| 24A            | INSERT FLOAT VALVE - 4 1/2" 8RD | 1        | EA  |            |        |
| 815.19101      |                                 | 5        | EA  |            |        |
| 40             | CENTRALIZER 4-1/2" X 7 7/8"     | 1        | EA  |            |        |
| 807.93004      |                                 | 1        | EA  |            |        |
| 27             | FILL-UP UNIT 4 1/2"-5"          | 100      | SK  |            |        |
| 815.19113      |                                 | 63       | SK  |            |        |
| 504-316        | HALLIBURTON LIGHT W/STANDARD    | 4588     | LB  |            |        |
| 504-308        | STANDARD CEMENT                 | 210      | LB  |            |        |
| 506-105        | POZMIX A                        | 1100     | LB  |            |        |
| 506-121        | HALLIBURTON-GEL 2X              | 400      | LB  |            |        |
| 509-968        | SALT                            | 79       | LB  |            |        |
| 509-968        | SALT                            | 16       | LB  |            |        |
| 507-153        | CFR-3                           | 625      | LB  |            |        |
| 507-210        | FLOCELE                         | 255      | CPT |            |        |
| 508-291        | GILSONITE BULK                  | 152.33   | TMI |            |        |
| 500-207        | BULK SERVICE CHARGE             |          |     |            |        |
| 500-306        | MILEAGE CMTG MAT DEL OR RETURN  |          |     |            |        |
|                | INVOICE SUBTOTAL                |          |     |            |        |

\*\*\*\*\* CONTINUED ON NEXT PAGE \*\*\*\*\*

TERMS: INVOICES PAYABLE NET BY THE 30TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EMPLOY AN ATTORNEY TO

*[Handwritten Signature]*