

**ORIGINAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

RECEIVED

JAN 14 2003

Form ACO-1  
September 1999  
Form Must Be Typed

KCC WICHITA

Operator: License # 5062  
Name: Geo. R. Shaw  
Address: 150 N. Main, Suite 1001  
City/State/Zip: Wichita, Kansas 67202  
Purchaser: ONEOK  
Operator Contact Person: Ron Osterbuhr  
Phone: (620) 275-7888  
Contractor: Name: Cheyenne Drilling, Inc.  
License: 5382  
Wellsite Geologist: Ron Osterbuhr

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     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>10/29/2002</u>                 | <u>10/31/2002</u> | <u>01/06/2003</u>                       |
| Spud Date or<br>Recompletion Date | Date Reached TD   | Completion Date or<br>Recompletion Date |

API No. 15 - 093-21717-0000  
County: Kearny  
SW - \_\_\_\_\_ Sec. 34 Twp. 24 S. R. 38  East  West  
1650 feet from (S) / N (circle one) Line of Section  
1550 feet from E / (W) (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: Smalley Well #: 5-34  
Field Name: Hugoton  
Producing Formation: Chase Group  
Elevation: Ground: 3192' Kelly Bushing: 3197'  
Total Depth: 2635' Plug Back Total Depth: 2626'  
Amount of Surface Pipe Set and Cemented at 267 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 2632  
feet depth to surface w/ 395 sx cmt.

Drilling Fluid Management Plan ALT 2 gfk 3/19/03  
(Data must be collected from the Reserve Pit)  
Chloride content 68,000 ppm Fluid volume 1050 bbls  
Dewatering method used haul off free water, then evaporation  
Location of fluid disposal if hauled offsite:  
Operator Name: Geo. R. Shaw  
Lease Name: Smalley #3-34 License No.: 5062  
Quarter NW Sec. 34 Twp. 24 S. R. 38 East  West  
County: Kearny Docket No.: 18215

**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: Ronald G. Osterbuhr

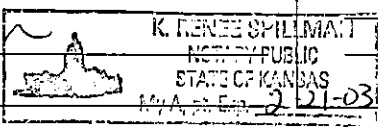
Title: AGENT Date: 1-12-03

Subscribed and sworn to before me this 12<sup>th</sup> day of January

in 2003

Notary Public: K. Renee Spillman

Date Commission Expires: 2-21-03



**KCC Office Use ONLY**

Letter of Confidentiality Attached

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

# ORIGINAL

Side Two

Operator Name: Geo. R. Shaw Lease Name: Smalley Well #: 5-34  
 Sec. 34 Twp. 24 S. R. 38 East  West County: Kearny

**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<br><i>(Attach Additional Sheets)</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <b>RECEIVED</b><br><b>JAN 14 2003</b><br><b>KCC WICHITA</b> | <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | Sample |
| Samples Sent to Geological Survey                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |   | Name                                    | Top                              | Datum  |
| Cores Taken   | Yes <input checked="" type="checkbox"/> No                          |   | T/Permian                               | 660'                             | +2537' |
| Electric Log Run<br><i>(Submit Copy)</i>                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |   | B/Stone Corral                          | 1932'                            | +1265' |
| List All E. Logs Run:<br><br>DSN-G/R-CCL (cased-hole only)  |   |   | T/Hollenberg                            | 2408'                            | + 789' |
|   |   | T/Chase   | 2438'                                   | + 759'                           |        |
|   |   | T/Winfield  | 2503'                                   | + 694'                           |        |

| CASING RECORD <input checked="" type="checkbox"/> New <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   | 12.250"           | 8.625"                    | 24#               | 267'          | Prem+ C        | 195sx        | 2%CC,.25# FC               |
| Production  | 7.875"            | 5.500"                    | 14#               | 2632'         | Midcon C       | 320sx        | 2%CC,.25# FC               |
|   |                   |                           |                   | 2632'         | Prem+          | 75sx         | .5%HA,2%CC                 |

| ADDITIONAL CEMENTING / SQUEEZE RECORD  |                  |                |             |                            |
|--|------------------|----------------|-------------|----------------------------|
| Purpose:   | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> Plug Off Zone |                  |                |             |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth     |
|----------------|---|---|-----------|
| 4/spf          | 2452'-2462', 2504'-2514', 2564'-2572'   | 2500 gallons of 15% FE/MSA acid;  | all perf. |
|                |   | 317bbbls gelled water; 240,000scf N2;   |           |
|                |   | 99,000# 12-20 "Brady" sand  |           |

|               |        |        |           |  |
|---------------|--------|--------|-----------|--|
| TUBING RECORD | Size   | Set At | Packer At | Liner Run                                  |
|               | 2.375" | 2603'  | none      | Yes <input checked="" type="checkbox"/> No |

|   |   |
|---|---|
| Date of First, Resumed Production, SWD or Enhr.<br>01/06/2003 | Producing Method  |
|   | <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |

|                                   |           |         |             |               |         |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|                                   |           | 240 mcf | 0           |               |         |

Disposition of Gas      METHOD OF COMPLETION      Production Interval

Vented     Sold     Used on Lease    Open Hole     Perf.    Dually Comp.     Commingled    2452' - 2572' OA

Other (Specify) \_\_\_\_\_



# HALLIBURTON JOB SUMMARY

|   |  |  |  |   |  |   |  |
|---|--|--|--|---|--|---|--|
| REGION<br><b>Central Operations</b>       |  | NWA / COUNTRY<br><b>Mid Contintent/USA</b>   |  | SALES ORDER NUMBER<br><b>2115331</b>                  |  | TICKET DATE<br><b>10/29/02</b>                            |  |
| MBU ID / EMTL #<br><b>MCL10110 198516</b> |  | H.E.S. EMPLOYEE NAME<br><b>JASON CLEMENS</b> |  | BDA / STATE<br><b>MC/Ks</b>                           |  | COUNTY<br><b>Kearny County</b>                            |  |
| LOCATION<br><b>Liberal, KS</b>            |  | COMPANY<br><b>George R. Shaw</b>             |  | PSL DEPARTMENT<br><b>ZI</b>                           |  | CUSTOMER REP / PHONE<br><b>Ron Osterbuhr 620-272-1232</b> |  |
| TICKET AMOUNT<br><b>\$5,367.60</b>        |  | WELL TYPE<br><b>GAS</b>                      |  | API/UVI #<br><b>15-093-21717-0000</b>                 |  | SAP BOMB NUMBER<br><b>7521</b>                            |  |
| WELL LOCATION<br><b>LAKIN</b>             |  | DEPARTMENT<br><b>ZI</b>                      |  | HES FACILITY (CLOSEST TO WELL SITE)<br><b>LIBERAL</b> |  | Cement Surface Casing                                     |  |
| LEASE NAME<br><b>Smalley</b>              |  | Well No.<br><b>5-34</b>                      |  | SEC / TWP / RNG<br><b>34-24S-38W</b>                  |  |   |  |

| HES EMP NAME / EMP # / (EXPOSURE HOURS) | HRS | HRS | HRS | HRS |
|---|-----|-----|-----|-----|
| Clemens, A 198516                       | 5.0 |     |     |     |
| Cochran, M 217398                       | 5.0 |     |     |     |
| Ferguson, R 106154                      | 5.0 |     |     |     |

| H.E.S. UNIT #S / (R / T MILES) | R / T MILES | R / T MILES | R / T MILES | R / T MILES |
|--------------------------------|-------------|-------------|-------------|-------------|
| 10251403                       | 100         |             |             |             |
| 421269                         | 100         |             |             |             |
| 10240236/10240244              | 50          |             |             |             |

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form. Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_

| Date | Called Out | On Location | Job Started | Job Completed |
|------|------------|-------------|-------------|---------------|
|      | 10/29/2002 | 10/29/2002  | 10/29/2002  | 10/29/2002    |
| Time | 1300       | 1700        | 2024        | 2043          |

**Tools and Accessories**

| Type and Size | Qty | Make |
|---------------|-----|------|
| Float Collar  |     |      |
| Float Shoe    |     |      |
| Centralizers  | 2   |      |
| Top Plug      | 1   |      |
| HEAD          | 1   |      |
| Limit clamp   |     |      |
| Weld-A        | 1   |      |
| Guide Shoe    |     |      |
| BTM PLUG      |     |      |

**Well Data**

|              | New/Used | Weight | Size    | Grade | From | To  | Max. Allow |
|--------------|----------|--------|---------|-------|------|-----|------------|
| Casing       | N        | 24#    | 8 5/8"  |       | GL   | 261 |            |
| Liner        |          |        |         |       |      |     |            |
| Liner        |          |        |         |       |      |     |            |
| Tubing       |          |        |         |       |      |     |            |
| Drill Pipe   |          |        |         |       |      |     |            |
| Open Hole    |          |        | 12 1/4" |       |      |     | Shots/Ft.  |
| Perforations |          |        |         |       |      |     |            |
| Perforations |          |        |         |       |      |     |            |
| Perforations |          |        |         |       |      |     |            |

**Materials**

| Mud Type       | Density | Lb/Gal |
|----------------|---------|--------|
| Disp. Fluid    | Density | Lb/Gal |
| Prop. Type     | Size    | Lb     |
| Prop. Type     | Size    | Lb     |
| Acid Type      | Gal.    | %      |
| Acid Type      | Gal.    | %      |
| Surfactant     | Gal.    | in     |
| NE Agent       | Gal.    | in     |
| Fluid Loss     | Gal/Lb  | in     |
| Gelling Agent  | Gal/Lb  | in     |
| Fric. Red.     | Gal/Lb  | in     |
| Breaker        | Gal/Lb  | in     |
| Blocking Agent | Gal/Lb  |        |
| Perfpac Balls  | Qty.    |        |
| Other          |         |        |
| Other          |         |        |
| Other          |         |        |
| Other          |         |        |

| Hours On Location |       | Operating Hours |       | Description of Job    |
|-------------------|-------|-----------------|-------|-----------------------|
| Date              | Hours | Date            | Hours |                       |
| 10/29             | 5.0   | 10/29           | 2.0   | Cement Surface Casing |
|                   |       |                 |       |                       |
|                   |       |                 |       |                       |
|                   |       |                 |       |                       |
|                   |       |                 |       |                       |
|                   |       |                 |       |                       |
|                   |       |                 |       |                       |
|                   |       |                 |       |                       |
|                   |       |                 |       |                       |
| Total             | 5.0   | Total           | 2.0   |                       |

Ordered \_\_\_\_\_ Hydraulic Horsepower \_\_\_\_\_  
 Avail. \_\_\_\_\_ Used \_\_\_\_\_  
 Treating \_\_\_\_\_ Average Rates in BPM \_\_\_\_\_  
 Disp. \_\_\_\_\_ Overall \_\_\_\_\_  
 Feet 40 \_\_\_\_\_ Cement Left in Pipe \_\_\_\_\_  
 Reason \_\_\_\_\_ SHOE JOINT

**Cement Data**

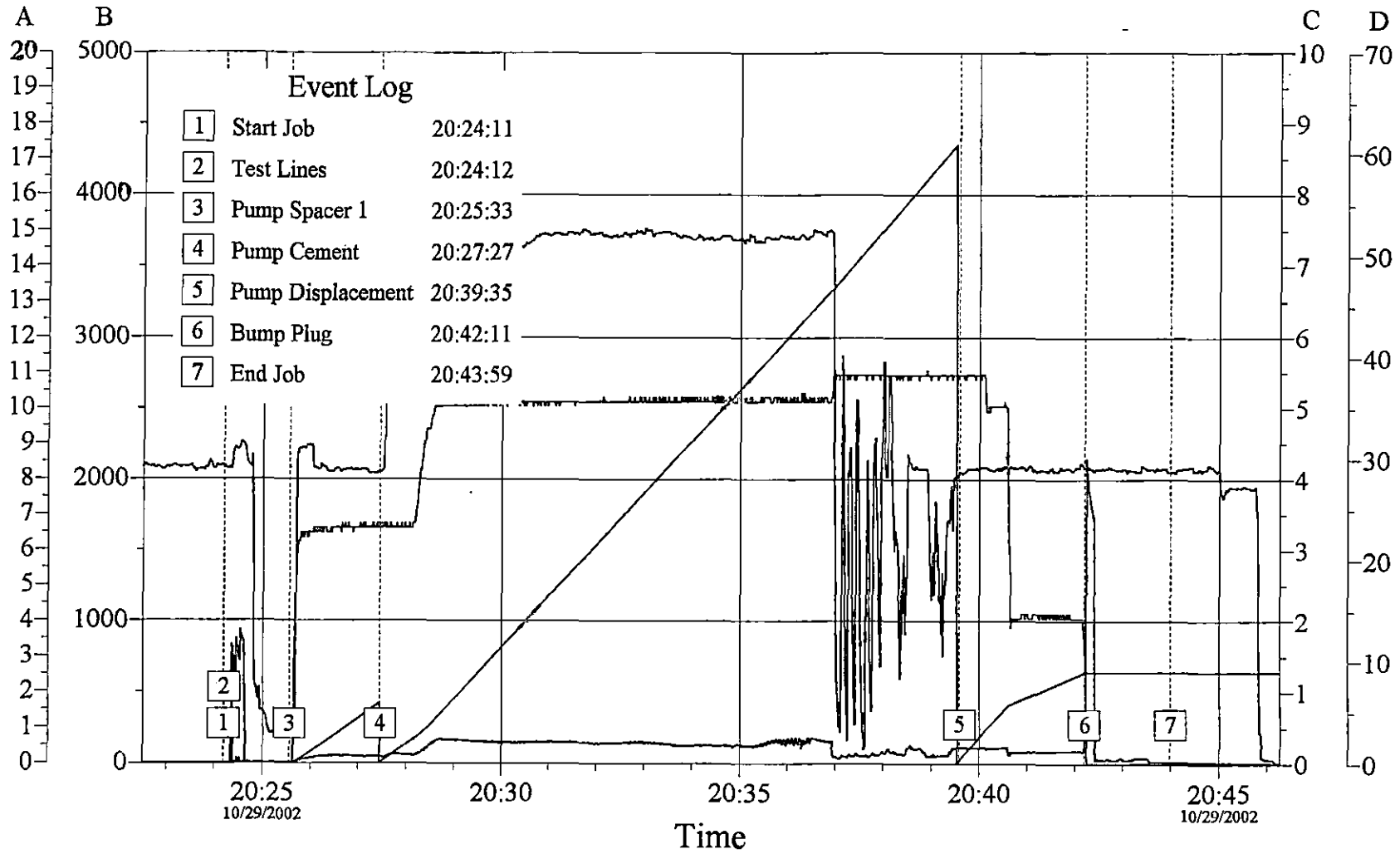
| Stage | Sacks | Cement      | Bulk/Sks | Additives              | W/Rq.   | Yield    | Lbs/Gal |
|-------|-------|-------------|----------|------------------------|---------|----------|---------|
| 1     | 195   | PREM PLUS C |          | 2% CC, 1/4#/sk Flocele | 6.3 gal | 1.34 ft3 | 14.8 #  |
| 2     |       |             |          |                        |         |          |         |
| 3     |       |             |          |                        |         |          |         |
| 4     |       |             |          |                        |         |          |         |

**Summary**

|                       |                |                |           |       |               |       |
|-----------------------|----------------|----------------|-----------|-------|---------------|-------|
| Circulating Breakdown | Displacement   | Preflush:      | BBI       | 5.00  | Type:         | FRESH |
| Lost Returns-)        | MAXIMUM        | Load & Bkdn:   | Gal - BBI |       | Pad:Bbl -Gal  |       |
| Cmt Rtrn#Bbl          | Actual TOC     | Excess /Return | BBI       |       | Calc.Disp Bbl |       |
| Average               | Frac. Gradient | Calc. TOC:     |           |       | Actual Disp.  | 14    |
| Shut In: Instant      | 5 Min.         | Treatment:     | Gal - BBI |       | Disp:Bbl      |       |
|                       | 15 Min.        | Cement Slurry  | BBI       | 47.0  |               |       |
|                       |                | Total Volume   | BBI       | 66.00 |               |       |

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_

THE INFORMATION STATED HEREIN IS CORRECT  
 CUSTOMER REPRESENTATIVE \_\_\_\_\_  
 Signature: *Ron Osterbuhr*  
 SIGNATURE



DHole Density (lb/gal) ———— Stages ———— Pressure (psi) ———— B  
 Rate (bpm) ———— C ———— Total (bbl) ———— D

|                   |           |           |
|-------------------|-----------|-----------|
| Customer:         | Job Date: | Ticket #: |
| Well Description: | UWI:      |           |

**H** HALLIBURTON  
 CemWin v1.3.0  
 29-Oct-02 20:51

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JAN 14 2003

|  |   |   |                             |
|--|---|---|-----------------------------|
| <b>HALLIBURTON JOB LOG</b>                             |   | TICKET # <b>2118122</b>                                   | TICKET DATE <b>10/31/02</b> |
| REGION<br><b>Central Operations</b>                    | NWA / COUNTRY<br><b>Mid Continent/USA</b>   | BDA / STATE<br><b>MC/Ks</b>                               | COUNTY<br><b>KEARNY</b>     |
| MSU ID / EMPL #<br><b>MCL10110 212723</b>              | H.E.S EMPLOYEE NAME<br><b>JERRAKO EVANS</b> | PSL DEPARTMENT<br><b>CEMENT</b>                           |                             |
| LOCATION<br><b>LIBERAL, KS</b>                         | COMPANY<br><b>GEORGE R SHAW</b>             | CUSTOMER REP / PHONE<br><b>Ron Osterbuhr 620-272-1232</b> |                             |
| TICKET AMOUNT<br><b>\$9,666.93</b>                     | WELL TYPE<br><b>OIL</b>                     | API/UWI #<br><b>15-093-21717-0000</b>                     |                             |
| WELL LOCATION<br><b>LAKIN, KS</b>                      | DEPARTMENT<br><b>CEMENT</b>                 | JOB PURPOSE CODE<br><b>Cement Production Casing</b>       |                             |
| LEASE NAME<br><b>SMALLEY</b>                           | Well No.<br><b>5-34</b>                     | SEC 7/TWP / RNG<br><b>34-24S-38W</b>                      |                             |
| HES FACILITY (CLOSEST TO WELL S)<br><b>LIBERAL, KS</b> |   |   |                             |

| HES EMP NAME/EMPL # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMPL # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMPL # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMPL # (EXPOSURE HOURS) | HRS |
|--------------------------------------|-----|--------------------------------------|-----|--------------------------------------|-----|--------------------------------------|-----|
| Evans, J 212723                      | 8   |                                      |     |                                      |     |                                      |     |
| King, K 105942                       | 8   |                                      |     |                                      |     |                                      |     |
| Kelly, C 259395                      | 8   |                                      |     |                                      |     |                                      |     |
| Delatorra, A 259520                  | 8   |                                      |     |                                      |     |                                      |     |

| Chart No. | Time | Rate (BPM) | Volume (BBL)(GAL) | Rate |       |     | Job Description / Remarks                  |
|-----------|------|------------|-------------------|------|-------|-----|--|
|           |      |            |                   | N2   | CSG.  | Tbg |  |
|           | 1030 |            |                   |      |       |     | JOB READY                                  |
|           | 0630 |            |                   |      |       |     | CALLED OUT FOR JOB                         |
|           | 0800 |            |                   |      |       |     | PRE-TRIP SAFETY MEETING                    |
|           | 1000 |            |                   |      |       |     | PUMP TRUCK ON LOCATION/ JOB SITE ASSESMENT |
|           | 1015 |            |                   |      |       |     | RIG UP TRUCKS                              |
|           |      |            |                   |      |       |     | RIG PULLING DP                             |
|           | 1145 |            |                   |      |       |     | PRE-JOB SAFETY MEETING                     |
|           | 1200 |            |                   |      |       |     | START RUNNING CASING & FLOAT EQUIP (5 1/5) |
|           | 1430 |            |                   |      |       |     | CASING ON BOTTOM (2636 FT)                 |
|           | 1435 |            |                   |      |       |     | HOOK UP PLUG CONT & CIRC IRON              |
|           | 1445 |            |                   |      |       |     | CIRC WITH RIG PUMP                         |
|           | 1500 |            |                   |      |       |     | THROUGH CIRC / HOOK UP TO PUMP TRUCK       |
|           | 1502 |            |                   |      | 2000  |     | TEST LINES                                 |
|           | 1503 | 6.0        | 10.0              |      | 0-500 |     | PUMP MUD FLUSH                             |
|           | 1513 | 6.0        | 172.0             |      | 0-500 |     | START MIXING LEAD CMT @11.3#               |
|           | 1605 | 6.0        | 18.0              |      | 250   |     | START MIXING TAIL CMT @ 14.8#              |
|           | 1612 |            |                   |      |       |     | THROUGH MIXING CMT/ SHUT DOWN/ DROP PLUG   |
|           |      |            |                   |      |       |     | WASH PUMP & LINES                          |
|           | 1614 | 6.0        |                   |      | 0-325 |     | START DISP WITH FRESH WATER                |
|           | 1625 | 2.0        | 54.0              |      | 500   |     | SLOW RATE                                  |
|           | 1632 | 2.0        | 64.0              |      | 1000  |     | BUMP PLUG                                  |
|           |      |            |                   |      |       |     | RELEASE LD BAFFLE HELD                     |
|           |      |            |                   |      |       |     |  |
|           |      |            |                   |      |       |     | CIRC CMT TO PIT                            |
|           |      |            |                   |      |       |     |  |
|           |      |            |                   |      |       |     | THANKS FOR CALLIG HALLIBURTON              |
|           |      |            |                   |      |       |     | JERRAKO & CREW                             |

# HALLIBURTON JOB SUMMARY

|   |  |  |  |   |  |  |  |
|---|--|--|--|---|--|--|--|
| REGION<br><b>Central Operations</b>       |  | NWA / COUNTRY<br><b>Mid Continent/USA</b>    |  | SALES ORDER NUMBER<br><b>2118122</b>                      |  | TICKET DATE<br><b>10/31/02</b>                           |  |
| SUBJOB / EMPL #<br><b>MCL10110 212723</b> |  | H.E.S. EMPLOYEE NAME<br><b>JERRAKO EVANS</b> |  | BDA / STATE<br><b>MC/Ks</b>                               |  | COUNTY<br><b>KEARNY</b>                                  |  |
| LOCATION<br><b>LIBERAL, KS</b>            |  | COMPANY<br><b>GEORGE R SHAW</b>              |  | PSL DEPARTMENT<br><b>CEMENT</b>                           |  | CUSTOMER REP / PHONE<br><b>Ron Osterbuh 620-272-1232</b> |  |
| TICKET AMOUNT<br><b>\$9,666.93</b>        |  | WELL TYPE<br><b>OIL</b>                      |  | API/UNI #<br><b>15-093-21717-0000</b>                     |  | SAP BOMB NUMBER<br><b>7523</b>                           |  |
| WELL LOCATION<br><b>LAKIN, KS</b>         |  | DEPARTMENT<br><b>CEMENT</b>                  |  | HES FACILITY (CLOSEST TO WELL SITE)<br><b>LIBERAL, KS</b> |  | Cement Production Casing                                 |  |
| LEASE NAME<br><b>SMALLEY</b>              |  | Well No.<br><b>5-34</b>                      |  | SEC / TWP / RANG<br><b>34-24S-38W</b>                     |  |  |  |

| HES EMP NAME / EMP # / (EXPOSURE HOURS) | HRS | HRS | HRS | HRS |
|---|-----|-----|-----|-----|
| Evans, J 212723                         | 6.0 |     |     |     |
| King, K 105942                          | 6.0 |     |     |     |
| Kelly, C 259395                         | 6.0 |     |     |     |
| Delatorra, A 259520                     | 6.0 |     |     |     |

| H.E.S. UNIT #S / (R/T MILES) | R / T MILES | R / T MILES | R / T MILES | R / T MILES |
|------------------------------|-------------|-------------|-------------|-------------|
| 10010930                     | 100         |             |             |             |
| 10251403                     | 100         |             |             |             |
| 54029-6610                   | 50          |             |             |             |
| 10243558-10286731            | 50          |             |             |             |

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form. Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_

| Date | Called Out | On Location | Job Started | Job Completed |
|------|------------|-------------|-------------|---------------|
|      | 10/31/2002 | 10/31/2002  | 10/31/2002  | 10/31/2002    |
| Time | 0630       | 1000        | 1500        | 1630          |

Tools and Accessories

| Type and Size          | Qty | Make  |
|------------------------|-----|-------|
| Float Collar LD BAFFLE | 1   | HOWCO |
| Float Shoe             |     |       |
| Centralizers           | 8   |       |
| Top Plug               |     |       |
| HEAD                   | 1   |       |
| Limit clamp            |     |       |
| Weld-A                 | 1   |       |
| Guide Shoe             | 1   |       |
| BTM PLUG               |     |       |

Well Data

|              | New/Used | Weight | Size     | Grade | From | To    | Max. Allow |
|--------------|----------|--------|----------|-------|------|-------|------------|
| Casing       | NEW      | 14#    | 5 1/2"   |       | KB   | 2,636 |            |
| Liner        |          |        |          |       |      |       |            |
| Liner        |          |        |          |       |      |       |            |
| Tubing       |          |        |          |       |      |       |            |
| Drill Pipe   |          |        |          |       |      |       |            |
| Open Hole    |          |        | 7 7/8" + |       | KB   | 2,642 | Shots/Ft.  |
| Perforations |          |        |          |       |      |       |            |
| Perforations |          |        |          |       |      |       |            |

Materials

| Mud Type       | Density | Lb/Gal |
|----------------|---------|--------|
| Disp. Fluid    | Density | Lb/Gal |
| Prop. Type     | Size    | Lb     |
| Prop. Type     | Size    | Lb     |
| Acid Type      | Gal.    | %      |
| Acid Type      | Gal.    | %      |
| Surfactant     | Gal.    | In     |
| NE Agent       | Gal.    | In     |
| Fluid Loss     | Gal/Lb  | In     |
| Gelling Agent  | Gal/Lb  | In     |
| Fric. Red.     | Gal/Lb  | In     |
| Breaker        | Gal/Lb  | In     |
| Blocking Agent | Gal/Lb  |        |
| Perfpac Balls  | Qty.    |        |
| Other          |         |        |
| Other          |         |        |
| Other          |         |        |
| Other          |         |        |

| Hours On Location |       | Operating Hours |       | Description of Job       |
|-------------------|-------|-----------------|-------|--------------------------|
| Date              | Hours | Date            | Hours |                          |
| 10/31             | 6.0   | 10/31           | 1.5   | Cement Production Casing |
|                   |       |                 |       |                          |
|                   |       |                 |       |                          |
|                   |       |                 |       |                          |
|                   |       |                 |       |                          |
|                   |       |                 |       |                          |
|                   |       |                 |       |                          |
|                   |       |                 |       |                          |
| Total             | 6.0   | Total           | 1.5   |                          |

Ordered \_\_\_\_\_ Hydraulic Horsepower \_\_\_\_\_  
 Avail. \_\_\_\_\_ Used \_\_\_\_\_  
 Treating \_\_\_\_\_ Average Rates in BPM \_\_\_\_\_  
 Disp. \_\_\_\_\_ Overall \_\_\_\_\_  
 Feet \_\_\_\_\_ Cement Left in Pipe \_\_\_\_\_  
 Reason \_\_\_\_\_ SHOE JOINT

Cement Data

| Stage | Sacks | Cement    | Bulk/Sks | Additives                              | W/Rq. | Yield | Lbs/Gal |
|-------|-------|-----------|----------|--|-------|-------|---------|
| 1     | 320   | MIDCON C  |          | 2% CC, 1/4#/sk Flocele                 | 18.61 | 3.01  | 11.30   |
| 2     | 75    | PREM PLUS |          | 0.5% Halad-322, 2% CC, 1/4#/sk Flocele | 6.28  | 1.34  | 14.80   |
| 3     |       |           |          |  |       |       |         |
| 4     |       |           |          |  |       |       |         |

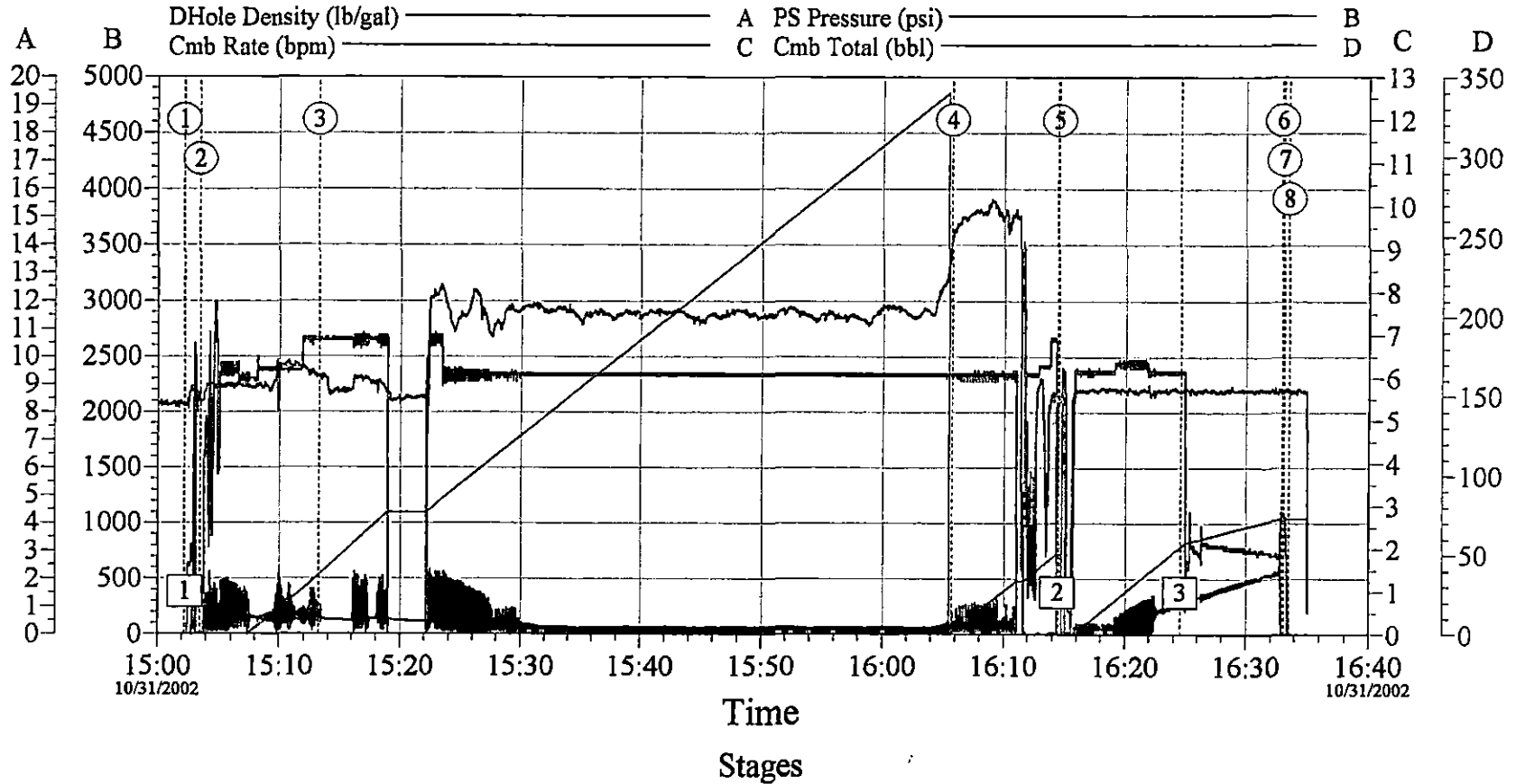
Summary

|                       |                |                |           |               |
|-----------------------|----------------|----------------|-----------|---------------|
| Circulating Breakdown | Displacement   | Preflush:      | BBI       | Type:         |
| Lost Returns          | MAXIMUM        | Load & Bkdn:   | Gal - BBI | Pad:Bbl -Gal  |
| Cmt Rtrn#Bbl          | Actual TOC     | Excess /Return | BBI       | Calc.Disp Bbl |
| Average               | Frac. Gradient | Calc. TOC:     |           | Actual Disp.  |
| Shut In: Instant      | 5 Min. 15 Min. | Treatment:     | Gal - BBI | Disp:Bbl      |
|                       |                | Cement Slurry  | BBI       |               |
|                       |                | Total Volume   | BBI       |               |
|                       |                |                |           | 192.0         |
|                       |                |                |           | 256.00        |

Frac Ring #1 \_\_\_\_\_ | Frac Ring #2 \_\_\_\_\_ | Frac Ring #3 \_\_\_\_\_ | Frac Ring #4 \_\_\_\_\_

THE INFORMATION STATED HEREIN IS CORRECT  
 CUSTOMER REPRESENTATIVE *Ronald Osterbuh*  
 SIGNATURE

# GEORGE R SHAW



|                    |          |                     |          |                    |          |
|--------------------|----------|---------------------|----------|--------------------|----------|
| ① Start Job        | 15:02:12 | ② Pump Spacer 1     | 15:03:31 | ③ Pump Lead Cement | 15:13:16 |
| ④ Pump Tail Cement | 16:05:44 | ⑤ Pump Displacement | 16:14:32 | ⑥ Bump Plug        | 16:32:56 |
| ⑦ Bump Plug        | 16:33:05 | ⑧ End Job           | 16:33:32 |                    |          |

|                            |                    |                   |
|----------------------------|--------------------|-------------------|
| Customer: GEORGE R SHAW    | Job Date: 10-31-02 | Ticket #: 2118122 |
| Well Description: 5 1/2 LS | UWI:               |                   |

**HALLIBURTON**  
CemWin v1.4.0  
31-Oct-02 16:35

RECEIVED  
 JAN 14 2003  
 KCC MICHITA