

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

Operator: License # 9953

Name: Harris Oil and Gas Company

Address 1125 Seventeenth Street  
Suite 2290

City/State/Zip Denver, CO 80202

Purchaser: N/A

Operator Contact Person: Doug Hoisington

Phone ( 303 ) 293-8838

Contractor: Name: Allen Drilling Company

License: 5418

Wellsite Geologist: Richard Hall

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  S1OW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

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

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

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

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

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

1/22/99 1/31/99 2/4/99  
Spud Date Date Reached TD Completion Date

API NO. 15- 124-21578 0000

County Morton

- -NE - NW Sec. 16 Twp. 32S Rge. 40 X E W

660 Feet from S N (circle one) Line of Section

1980 Feet from E W (circle one) Line of Section

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

Lease Name Rosie Bowker Well # 1-316

Field Name Richfield

Producing Formation N/A

Elevation: Ground 3322 KB 3332

Total Depth 5600' PBTB 5600'

Amount of Surface Pipe Set and Cemented at 1729' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from N/A

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

Drilling Fluid Management Plan PFA, 3-22-99 OR  
(Data must be collected from the Reserve Pit)

Chloride content 1100 ppm Fluid volume 500 bbls

Dewatering method used Air Evaporation

Location of fluid disposal if hauled offsite: N/A

Operator Name INTEL

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter Sec. 1-20-200 Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County Morton Docket No. \_\_\_\_\_

KCC  
FEB 22 1999  
CONFIDENTIAL

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 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 [Signature]  
Title Operations Manager Date 2/22/99

Subscribed and sworn to before me, this 22 day of February, 19 99.

Notary Public Jammy Lynn Adamek

Date Commission Expires March 31, 2001

225-99  
RECEIVED  
KANSAS CORP COM  
FEB 22 1999  
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 Harris Oil and Gas Company Lease Name Rosie Bowker Well # 1-316

Sec. 16 Twp. 32S Rge. 40  East  West  
 County Morton **ORIGINAL**

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<br>(Attach Additional Sheets.) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Name  | Top Datum                       |
| Cores Taken   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | See Attached  |                                 |
| Electric Log Run<br>(Submit Copy.)                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |   |                                 |
| List All E.Logs Run:                                  | MLS<br>DIS<br>CNS/PDS   | KCC<br>FEB 22 1999<br>CONFIDENTIAL  |                                 |

| CASING RECORD <input 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   | 12 1/4"           | 8 5/8"                    | 24#             | 1729'         | Midcon/<br>Premium | 480          | 3% CaCl/<br>2% CaCl        |
|   |                   |                           |                 |               |                    |              |                            |

| ADDITIONAL CEMENTING/SQUEEZE RECORD <b>N/A</b> |                  |                |             |                            |
|--|------------------|----------------|-------------|----------------------------|
| 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<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
|                |   |   |       |
|                |   |   |       |
|                |   |   |       |

| TUBING RECORD | Size | Set At | Packer At | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No |
|---------------|------|--------|-----------|--|
|               |      |        |           |  |

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

|                                   |           |         |             |               |         |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water 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) Dry & Abandoned

Production Interval: D&A

ORIGINAL

| LOG TOPS                |       | DATUM |
|-------------------------|-------|-------|
| Wabunsee                | 2912' | +420  |
| Topeka "A"              | 3210' | +122  |
| Heebner                 | 3625' | -293  |
| Lansing                 | 3741' | -409  |
| Kansas City             | 4104' | -772  |
| Marmaton                | 4373' | -1041 |
| Marmaton $\phi$         | 4466' | -1134 |
| Morrow Shale            | 5010' | -1678 |
| Upper Morrow Sand Stone | 5147' | -1815 |
| Morrow G <sub>2</sub>   | 5312' | -1980 |
| Upper Keyes             | 5385' | -2053 |
| Basal Keyes             | 5462' | -2130 |
| Chester                 | 5474' | -2142 |
| Ste. Genevieve          | 5482' | -2150 |
| St. Louis               | 5518' | -2186 |

KCC

FEB 22 1999

CONFIDENTIAL

RELEASED  
1 28 2011  
FROM CONFIDENTIAL



HALLIBURTON ENERGY SERVICES

1906-Q

CHARGE TO: **HARRIS OIL & GAS**  
 ADDRESS: **P.O. Box 976**  
 CITY, STATE, ZIP CODE: **LIBERTY KS 67905**

ORIGINAL

TICKET No. 384629 - 3

RECEIVED KANSAS CORP. CO.

PAGE 1 OF 2

|   |  |                             |                         |                |                                       |                 |               |
|---|--|-----------------------------|-------------------------|----------------|---------------------------------------|-----------------|---------------|
| SERVICE LOCATIONS<br>1. 025540<br>2. 025535<br>3.<br>4.   | WELL/PROJECT NO.<br>1-316  | LEASE<br>ROSIE ROWKA        | COUNTY/PARISH<br>Morton | STATE<br>KS    | CITY/OFFSHORE LOCATION<br>1000 FEB 25 | DATE<br>1-23-99 | OWNER<br>SAME |
| TICKET TYPE<br><input checked="" type="checkbox"/> SERVICE JOB? <input type="checkbox"/> YES<br><input type="checkbox"/> SALES <input checked="" type="checkbox"/> NO | NITROGEN<br><input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO | CONTRACTOR<br>ALLEN DASHLEY | RIG NAME/NO.            | SHIPPED<br>YES | DELIVERED TO<br>LOCAT 20W             | ORDER NO.       |               |
| WELL TYPE<br>01   | WELL CATEGORY<br>01  | JOB PURPOSE<br>010          | WELL PERMIT NO.         | WELL LOCATION  |                                       |                 |               |
| REFERRAL LOCATION   | INVOICE INSTRUCTIONS   |                             |                         |                |                                       |                 |               |

| JOB PURPOSE | PRICE REFERENCE | SECONDARY REFERENCE / PART NUMBER | ACCOUNTING |      |    | DESCRIPTION                        | QTY. |     | U/M    |      | UNIT PRICE | AMOUNT  |
|-------------|-----------------|-----------------------------------|------------|------|----|------------------------------------|------|-----|--------|------|------------|---------|
|             |                 |                                   | LOC        | ACCT | DF |                                    |      |     |        |      |            |         |
|             | 000-117         |                                   | 1          |      | 50 | MILEAGE                            | 1    | 0   | 54     | M    | 3 65       | 197 10  |
|             | 000-119         | CONFIDENTIAL                      | 1          |      | 50 | CREW MILEAGE                       | 1    | 0   | 54     | M    | 2 15       | 116 10  |
|             | 001-016         |                                   | 1          |      | 50 | Pump CHARGE                        | 4    | HR  | 1/2000 | FT   |            | 1630 00 |
|             | 045-050         |                                   | 1          |      | 50 | PORTABLE DATA SYSTEM               | 1    | 506 |        | 1 EA |            | 760 00  |
|             | 001-018         |                                   | 1          |      | 50 | ADDITIONAL Hours                   | 1    | HR  | 3      | EA   | 376 00     | 1128 00 |
|             | 16A             | 830-2171                          | 1          |      | 42 | TEXAS PATTERN GUIDE SHEET 8 5/8 IN | 1    |     |        | 1 EA |            | 268 00  |
|             | 24A             | 815-19502                         | 1          |      | 42 | INSERT FLOAT                       |      |     |        | 1 EA |            | 207 00  |
|             | 27              | 815-19415                         | 1          |      | 42 | FILL TUBE KCC                      |      |     |        | 1 EA |            | 81 00   |
|             | 41              | 806-61048                         | 1          |      | 42 | CENTRALIZERS                       |      |     |        | 4 EA | 71 40      | 285 60  |
|             | 320             | 806-71460                         | 1          |      | 42 | CMT BASKET                         |      |     |        | 1 EA |            | 146 00  |
|             | 030-018         |                                   | 1          |      | 50 | 5 WIPER Top Plug                   |      |     |        | 1 EA |            | 143 00  |
|             | 350             | 890-10802                         | 1          |      | 42 | WELD-N                             | 1    | 16  |        | 1 EA |            | 18 48   |

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

x J. Duerken  
DATE SIGNED

TIME SIGNED  
 A.M.  P.M.

|           |  |                 |            |
|-----------|--|-----------------|------------|
| TYPE LOCK | SUB SURFACE SAFETY VALVE WAS:<br><input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN |                 |            |
| BEAN SIZE | TYPE OF EQUALIZING SUB.  | CASING PRESSURE |            |
| DEPTH     | TUBING SIZE  | TUBING PRESSURE | WELL DEPTH |
| SPACERS   | TREE CONNECTION  | TYPE VALVE      |            |

PAGE TOTAL 4980 23  
 FROM CONTINUATION PAGE(S) 11353 54  
 16333 72  
 SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

|   |  |  |                 |                            |
|---|--|--|-----------------|----------------------------|
| CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT)<br>TV Duerken | CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)<br>x J. Duerken | HALLIBURTON OPERATOR/ENGINEER<br>ROBERT ELWOOD | EMP #<br>D-4360 | HALLIBURTON APPROVAL<br>on |
|---|--|--|-----------------|----------------------------|

ORIGINAL



TICKET CONTINUATION

TICKET No. **384629**

HALLIBURTON ENERGY SERVICES

CUSTOMER: Harris Oil & Gas

WELL: rosie rowka 1-316

9:33 AM  
1/23/99

PAGE **2** OF **2**

ORIGINAL

| TRUCK# (S)      | 52823-6610                        | ACCOUNTING |      |    | DESCRIPTION         | QTY | UM  | QTY          | UM      | UNIT PRICE   | AMOUNT     |
|-----------------|-----------------------------------|------------|------|----|---------------------|-----|-----|--------------|---------|--------------|------------|
| PRICE REFERENCE | SECONDARY REFERENCE / PART NUMBER | LOC        | ACCT | DF |                     |     |     |              |         |              |            |
| 504-050         |                                   | 1          |      | 50 | Premium Plus        | 100 | sk  |              |         | \$15.69      | \$1,569.00 |
| 504-282         |                                   | 2          |      | 50 | Premium Plus Midcon | 380 | sk  |              |         | \$18.48      | \$7,022.40 |
| 509-406         |                                   | 1          |      | 50 | Calcium Chloride    | 13  | sk  |              |         | \$46.90      | \$609.70   |
| 507-210         |                                   | 2          |      | 50 | Flocele             | 215 | lb. |              |         | \$2.09       | \$449.35   |
| 500-207         |                                   | 2          |      | 50 | SERVICE CHARGE      |     |     | CUBIC FEET   | 540     | 1.66         | \$896.40   |
| 500-306         |                                   | 2          |      | 50 | MILEAGE CHARGE      |     |     | TOTAL WEIGHT | 47,804  | LOADED MILES | 27         |
|                 |                                   |            |      |    |                     |     |     | TON MILES    | 645.354 | 1.25         | \$806.69   |

KCC

FEB 22 1999

CONFIDENTIAL

28 200

CONTINUATION TOTAL \$ 11,353.54

No. B 330427

ORIGINAL

## JOB SUMMARY 4239-1

|                                     |                                   |                                    |                         |
|-------------------------------------|-----------------------------------|------------------------------------|-------------------------|
| REGION<br>North America             | NWA/COUNTRY<br>U.S.A.             | TICKET #<br>384629                 | TICKET DATE<br>1-23-99  |
| MBU ID / EMP #<br>MCL10105 D-4360   | EMPLOYEE NAME<br>ROBERT ELWOOD    | BDA / STATE<br>KANSAS              | COUNTY<br>MORTON        |
| LOCATION<br>LIBERAL KANSAS          | COMPANY<br>HARRIS Oil & GAS       | PSL DEPARTMENT<br>5001             | ORIGINAL                |
| TICKET AMOUNT<br>15,205.77          | WELL TYPE<br>01                   | CUSTOMER REP / PHONE<br>Tom DISKER |                         |
| WELL LOCATION<br>RICHFIELD KS       | DEPARTMENT<br>5001                | API / UWI #                        | JOB PURPOSE CODE<br>010 |
| LEASE / WELL #<br>ROSEE ROWKA 1-316 | SEC / TWP / RNG<br>16 32 S. 40 W. |                                    |                         |

| HES EMP NAME/EMP#(EXPOSURE HOURS) | HRS | HES EMP NAME/EMP#(EXPOSURE HOURS) | HRS | HES EMP NAME/EMP#(EXPOSURE HOURS) | HRS | HES EMP NAME/EMP#(EXPOSURE HOURS) | HRS |
|-----------------------------------|-----|-----------------------------------|-----|-----------------------------------|-----|-----------------------------------|-----|
| R. ELWOOD D-4360                  | 13  |                                   |     |                                   |     |                                   |     |
| S. EDDEL J 0482                   | 13  |                                   |     |                                   |     |                                   |     |
| R. FERGUSON J 5602                | 13  |                                   |     |                                   |     |                                   |     |
| J BUNDA M 5870                    | 13  |                                   |     |                                   |     |                                   |     |

  

| HES UNIT NUMBERS | R/T MILES | HES UNIT NUMBERS | R/T MILES | HES UNIT NUMBERS | R/T MILES | HES UNIT NUMBERS | R/T MILES |
|------------------|-----------|------------------|-----------|------------------|-----------|------------------|-----------|
| 420041 P.U.      | 54        |                  |           |                  |           |                  |           |
| 53552-78202      | 54        |                  |           |                  |           |                  |           |
| 52823-6610       | 27        |                  |           |                  |           |                  |           |

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

### TOOLS AND ACCESSORIES

| TYPE AND SIZE | QTY | MAKE |
|---------------|-----|------|
| Float Collar  |     |      |
| Float Shoe    |     |      |
| Guide Shoe    |     |      |
| Centralizers  |     |      |
| Bottom Plug   |     |      |
| Top Plug      |     |      |
| Head          |     |      |
| Packer        |     |      |
| Other         |     |      |

### MATERIALS

|  |  |
|--|--|
| Treat Fluid _____ 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 _____      |  |
| Perpac Balls _____ Qty. _____          |  |
| Other                                  |  |
| Other                                  |  |
| Other                                  |  |

| DATE    | CALLED OUT | ON LOCATION | JOB STARTED | JOB COMPLETED |
|---------|------------|-------------|-------------|---------------|
| 1-23-99 | 10:00      | 1-23-99     | 12:40       | 1-24-99       |
|         |            |             | 10:1        | 2:30          |

### WELL DATA

|              | NEW/USED | WEIGHT | SIZE   | FROM | TO   | MAX ALLOW |
|--------------|----------|--------|--------|------|------|-----------|
| Casing       | N        | 24     | 8 5/8  | K.B. | 1234 |           |
| Liner        |          |        |        |      |      |           |
| Liner        |          |        |        |      |      |           |
| Tbg/D.P.     |          |        |        |      |      |           |
| Tbg/D.P.     |          |        |        |      |      |           |
| Open Hole    |          |        | 12 1/4 | 6.6  | 1734 | SHOTS/FT. |
| Perforations |          |        |        |      |      |           |
| Perforations |          |        |        |      |      |           |
| Perforations |          |        |        |      |      |           |

| HOURS ON LOCATION |       | OPERATING HOURS |       | DESCRIPTION OF JOB |
|-------------------|-------|-----------------|-------|--------------------|
| DATE              | HOURS | DATE            | HOURS |                    |
|                   |       |                 |       | 5 3/8 SURFACE      |
|                   |       |                 |       |                    |
| TOTAL             |       | TOTAL           |       |                    |

### HYDRAULIC HORSEPOWER

ORDERED \_\_\_\_\_ Avail. \_\_\_\_\_ Used \_\_\_\_\_  
 TREATED \_\_\_\_\_ AVERAGE RATES IN BPM \_\_\_\_\_  
 FEET 44.72 \_\_\_\_\_ Disp. \_\_\_\_\_ Overall \_\_\_\_\_  
 CEMENT LEFT IN PIPE \_\_\_\_\_ Reason 5 HOE JOINT

### CEMENT DATA

| STAGE | SACKS | CEMENT     | BULK/SKS | ADDITIVES               | YIELD | LBS/GAL |
|-------|-------|------------|----------|-------------------------|-------|---------|
|       | 380   | M. max PP  | B.       | 3% C.C. , 1/2 # Floccle | 3.22  | 11.1    |
|       | 100   | Green Plus | B.       | 2% C.C. , 1/4 # Floccle | 1.34  | 14.8    |

|                        |                          |                              |                       |
|------------------------|--------------------------|------------------------------|-----------------------|
| Circulating _____      | Displacement _____       | Preflush: Gal - BBI _____    | Type _____            |
| Breakdown _____        | Maximum _____            | Load & Bkdn: Gal - BBI _____ | Pad: BBI - Gal _____  |
| Average _____          | Frac Gradient _____      | Treatment Gal - BBI _____    | Disp: BBI - Gal _____ |
| Shut In: Instant _____ | 5 Min _____ 15 Min _____ | Cement Slurr Gal - BBI _____ |                       |
|                        |                          | Total Volume Gal - BBI _____ |                       |

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

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE \_\_\_\_\_



**JOB LOG** 4239-5

|                      |          |                 |                  |
|----------------------|----------|-----------------|------------------|
| TICKET #             | 384629   | TICKET DATE     | 1-23-99          |
| BDA / STATE          | KANSAS   | COUNTY          | MORTON           |
| PSL DEPARTMENT       | SR1      | <b>ORIGINAL</b> |                  |
| CUSTOMER REP / PHONE | Tom D... |                 |                  |
| WELL LOCATION        | 77       | DEPARTMENT      | JOB PURPOSE CODE |
| WELL TYPE            | SI       | SEC / TWP / RNG | 010              |

|                |               |               |               |
|----------------|---------------|---------------|---------------|
| REGION         | North America | NWA/COUNTRY   | USA           |
| MBU ID / EMP # |               | EMPLOYEE NAME | Robert Elwood |
| LOCATION       | 12499         | COMPANY       | HALLIBURTON   |
| TICKET AMOUNT  |               | WELL TYPE     | SI            |

| HES EMP NAME/EMP#/(EXPOSURE HOURS) | HRS | HES EMP NAME/EMP#/(EXPOSURE HOURS) | HRS | HES EMP NAME/EMP#/(EXPOSURE HOURS) | HRS | HES EMP NAME/EMP#/(EXPOSURE HOURS) | HRS |
|------------------------------------|-----|------------------------------------|-----|------------------------------------|-----|------------------------------------|-----|
| Robert Elwood                      | 13  |                                    |     |                                    |     |                                    |     |
|                                    | 13  |                                    |     |                                    |     |                                    |     |
|                                    | 13  |                                    |     |                                    |     |                                    |     |
|                                    | 13  |                                    |     |                                    |     |                                    |     |

| CHART NO. | TIME  | RATE (BPM) | VOLUME (BBL)(GAL) | PUMPS |   | PRESS. (psi) |     | JOB DESCRIPTION / REMARKS                 |
|-----------|-------|------------|-------------------|-------|---|--------------|-----|---|
|           |       |            |                   | T     | C | Tbg          | Csg |   |
|           | 1000  |            |                   |       |   |              |     | Called out Perry 14:00                    |
|           | 11:00 |            |                   |       |   |              |     | DEPART BASE                               |
|           | 13:40 |            |                   |       |   |              |     | ON LOC Rig MARTIN BIT TRIP                |
|           | 1730  |            |                   |       |   |              |     | BIT ON Bottom START DRILLING              |
|           | 2050  |            |                   |       |   |              |     | T.O.                                      |
|           | 2120  |            |                   |       |   |              |     | T.O.O.H.                                  |
|           | 2245  |            |                   |       |   |              |     | Rig up CASING CREW                        |
|           | 03:00 |            |                   |       |   |              |     | START MEETING                             |
|           | 03:10 |            |                   |       |   |              |     | START Csg                                 |
| 1-24-99   | 06:30 |            |                   |       |   |              |     | Csg ON Bottom                             |
|           | 0045  |            |                   |       |   |              |     | CIRCULATE WITH Rig                        |
|           | 1:00  |            |                   |       |   |              |     | HOOK to HALLIBURTON                       |
|           | 101   |            |                   |       |   | 3000         |     | PRESSURE TEST LINES                       |
|           | 106   | 5          | 218               |       |   | 50           |     | START LEAD CMT @ 11.1#/gal                |
|           | 148   | 3          | 24                |       |   | 100          |     | START TAIL CMT @ 14.8#/gal                |
|           | 156   |            |                   |       |   | WAC          |     | SHUT DOWN                                 |
|           | 156   |            |                   |       |   | WAC          |     | DROP 5 WIPER Top Plug                     |
|           | 157   | 4 1/4      | 107               |       |   | WAC          |     | START H2O Displacement / WASH PUMP & LINE |
|           | 222   |            |                   |       |   | 400          |     | Plug Down                                 |
|           | 223   |            |                   |       |   | 1000         |     | RELEASE BACK FLAT HOLDING                 |
|           | 230   |            |                   |       |   | 0            |     | Job COMPLETE.                             |

CMT CIRCULATED to PET  
 BALS 600  
 SKS 104

THANK YOU FOR CALLING  
 HALLIBURTON  
 ROBERT & CREW

# ALLIED CEMENTING CO., INC. ORIGINAL

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
OAKLEY

|  |                |                     |                  |                                     |                            |                          |                           |
|--|----------------|---------------------|------------------|-------------------------------------|----------------------------|--------------------------|---------------------------|
| DATE <u>2-4-99</u>                                       | SEC. <u>16</u> | TWP. <u>32S</u>     | RANGE <u>40W</u> | CALLED OUT                          | ON LOCATION <u>3:30 PM</u> | JOB START <u>5:30 AM</u> | JOB FINISH <u>7:30 PM</u> |
| ROSE BOWKER LEASE  |                | WELL # <u>1-316</u> |                  | LOCATION <u>RICHFIELD 7E-1N-34W</u> |                            | COUNTY <u>Morton</u>     | STATE <u>KS</u>           |
| OLD OR <input checked="" type="radio"/> NEW (Circle one) |                |                     |                  |                                     |                            | KCC                      |                           |

CONTRACTOR ALLEN DALL. RIL # 2 OWNER SAME 533 2.9.1999

TYPE OF JOB PTA  
 HOLE SIZE 7 7/8" T.D. 5600'  
 CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2" DEPTH 1740'  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_

CEMENT CONFIDENTIAL  
 AMOUNT ORDERED 125 SKS 60/40 P2 62.68L

|          |                          |   |                 |                          |
|----------|--------------------------|---|-----------------|--------------------------|
| COMMON   | <u>25 SKS</u>            | @ | <u>7 55/100</u> | <u>566 25/100</u>        |
| POZMIX   | <u>50 SKS</u>            | @ | <u>3 25/100</u> | <u>162 50/100</u>        |
| GEL      | <u>7 SKS</u>             | @ | <u>9 50/100</u> | <u>66 50/100</u>         |
| CHLORIDE | _____                    | @ | _____           | _____                    |
| _____    | _____                    | @ | _____           | _____                    |
| _____    | _____                    | @ | _____           | _____                    |
| _____    | _____                    | @ | _____           | _____                    |
| _____    | _____                    | @ | _____           | _____                    |
| HANDLING | <u>125 SKS</u>           | @ | <u>1 05/100</u> | <u>131 25/100</u>        |
| MILEAGE  | <u>844 PER SK / MILE</u> |   |                 | <u>140 80/100</u>        |
|          |                          |   |                 | TOTAL <u>1066 50/100</u> |

**EQUIPMENT**

PUMP TRUCK CEMENTER TERRY  
 # 300 HELPER WAYNE  
 BULK TRUCK  
 # 218 DRIVER ANDREW  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

FROM CONTRACTOR

**SERVICE**

50 SKS AT 1740'  
40 SKS AT 630'  
10 SKS AT 40'  
15 SKS RAT HOLE  
10 SKS MOUSE HOLE

DEPTH OF JOB 1740'  
 PUMP TRUCK CHARGE \_\_\_\_\_ 560 50/100  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE 60 MI. @ 2 85/100 171 80/100  
 PLUG 8 5/8 O.H. @ \_\_\_\_\_ 23 80/100

THANK YOU

CHARGE TO: HARRIS OIL & GAS, CO.  
 STREET 1025 17th St # 2290  
 CITY Denver STATE Colo ZIP 80202

**FLOAT EQUIPMENT**

RECEIVED  
 HARRIS OIL & GAS CORP  
 1999 FEB 11  
 TOTAL 754 80/100  
 A 8:38

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Richard Stevenson

TAX \_\_\_\_\_  
 TOTAL CHARGE 1820 50/100  
 DISCOUNT 273 00/100 IF PAID IN 30 DAYS  
 PRICE AFTER DISC. 1547 50/100

PRINTED NAME \_\_\_\_\_



# GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—PRICES AND TAXES: All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—TOWING CHARGES: ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—SERVICE CONDITIONS AND LIABILITIES: 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.