

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 32429  
Name: CRAWFORD OIL & GAS, INC.  
Address: PO BOX 51  
City/State/Zip: COLDWATER, KS 67029  
Purchaser: EOTT & PRG, INC  
Operator Contact Person: CM CRAWFORD

Phone: (316) 582-2612  
Contractor: Name: DUKE DRILLING CO., INC  
License: 5929  
Wellsite Geologist: DOUG DAVIS

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>10-28-00</u>                   | <u>11-15-00</u> | <u>11-16-00</u>                         |
| Spud Date or<br>Recompletion Date | Date Reached TD | Completion Date or<br>Recompletion Date |

API No. 15-033-21097-0000  
County: COMANCHE  
C NWSE Sec. 31 Twp. 33 S. R. 19  East  West  
1930 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:

(circle one) NE (SE) NW SW  
Lease Name: GIRK TRUST Well #: 1  
Field Name: UNNAMED  
Producing Formation: SWOPE

Elevation: Ground: 1858 Kelly Bushing: 1869  
Total Depth: 6175 Plug Back Total Depth: 4100  
Amount of Surface Pipe Set and Cemented at 690 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

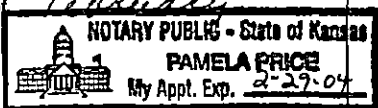
Drilling Fluid Management Plan ALT 1 gjh 8/21/02  
(Data must be collected from the Reserve Pit)  
Chloride content 41000 ppm Fluid volume 700 bbls  
Dewatering method used HAULED OFF  
Location of fluid disposal if hauled offsite:  
Operator Name: GORDON KEANE  
Lease Name: HARMON License No.: 5993

Quarter NW Sec. 11 Twp. 33 S. R. 20  East  West  
County: COMANCHE Docket No.: 22304

**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: [Signature]  
Title: President Date: 2-5-01  
Subscribed and sworn to before me this 5<sup>th</sup> day of February  
2001  
Notary Public: Pamela Price  
Date Commission Expires: Feb. 29, 2004



**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

✓

X

ORIGINAL

Operator Name: CRAWFORD OIL & GAS, INC. Lease Name: GIRK TRUST Well #: 1  
 Sec. 31 Twp. 33 S. R. 19  East  West County: COMANCHE

**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  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

DUEL INDUCTION  
 NEUTRON  
 CEMENT BOND

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 HEEBNER SH 4240  
 LANSING 4410  
 SWOPE 4811  
 BASE OF KANSAS CITY 4935  
 MARMATON 4962  
 CHEROKEE 5102  
 ST. LOUIS 5216  
 SPERGEN 5381  
 VIOLA 6119

| 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 |
| CONDUCTOR   |                   | 20"                       |                  | 40'           | GROUT          | 1            |                            |
| SURFACE   | 12 1/4"           | 8 5/8"                    | 23#              | 690"          | LITE           | 335          | 3%CC60/40 PEI              |
| PRODUCTION  | 7 7/8"            | 5 1/2"                    | 15.5#            | 6170"         | MIDCON H       | 310          | 2%CC,5#GIL                 |

| ADDITIONAL CEMENTING / SQUEEZE RECORD  |                  |                |                            |
|--|------------------|----------------|----------------------------|
| Purpose:   | Depth Top Bottom | Type of Cement | 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 Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|--|--|-------|
| 4 SPF          | 6112-16 CIBP   | 1000 GAL 15% ACID  |       |
| 4 SPF          | 4828-32  | 500 GAL 7 1/2% ACID  |       |
|                |  |  |       |
|                |  |  |       |

| TUBING RECORD | Size   | Set At | Packer At | Liner Run   |
|---------------|--------|--------|-----------|---|
|               | 2 3/3" | 4843   |           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

| Date of First, Resumed Production, SWD or Enhr. | Producing Method  |
|---|---|
| 12-1-000  | <input type="checkbox"/> Flowing <input checked="" 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   |
|   | 50 30 0   |

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Sumit ACO-18.)  
 METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  
 Production Interval 4828' - 4832'  
 Other (Specify)



**JOB SUMMARY** 70006

|   |                                |
|---|--------------------------------|
| TICKET #<br><b>952500</b>                             | TICKET DATE<br><b>10-28-00</b> |
| BDA / STATE<br><b>Ks</b>                              | COUNTY<br><b>Comanche</b>      |
| PSL DEPARTMENT<br><b>ZP</b>                           |                                |
| CUSTOMER REP / PHONE                                  |                                |
| API / UWI #   |                                |
| JOB PURPOSE CODE<br><b>010</b>                        |                                |
| HES FACILITY (CLOSEST TO WELL SITE)<br><b>Liberal</b> |                                |

|  |  |
|--|--|
| REGION<br><b>North America</b>           | NWA / COUNTRY<br><b>Mid Continent</b>    |
| MBU ID / EMP #<br><b>MCL10101 106322</b> | EMPLOYEE NAME<br><b>D. McKane</b>        |
| LOCATION<br><b>Liberal</b>               | COMPANY<br><b>Crawford Oil &amp; Gas</b> |
| TICKET AMOUNT                            | WELL TYPE<br><b>01</b>                   |
| WELL LOCATION<br><b>Protection</b>       | DEPARTMENT<br><b>ZP</b>                  |
| LEASE / WELL #<br><b>Geek 1</b>          | SEC / TWP / RNG<br><b>31 33S 19W</b>     |

| 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 |
|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|
| <b>D. McKane 106322</b>             |     |                                     |     |                                     |     |                                     |     |
| <b>S. Tate 105913</b>               |     |                                     |     |                                     |     |                                     |     |
| <b>J. Suller 207238</b>             |     |                                     |     |                                     |     |                                     |     |
| <b>J. Wood 213686</b>               |     |                                     |     |                                     |     |                                     |     |

| HES UNIT NUMBERS    | RT MILES   | HES UNIT NUMBERS | RT MILES | HES UNIT NUMBERS | RT MILES | HES UNIT NUMBERS | RT MILES |
|---------------------|------------|------------------|----------|------------------|----------|------------------|----------|
| <b>420995</b>       | <b>140</b> |                  |          |                  |          |                  |          |
| <b>54038-77941</b>  | <b>140</b> |                  |          |                  |          |                  |          |
| <b>152920-77031</b> | <b>70</b>  |                  |          |                  |          |                  |          |

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

| DATE            | TIME        | CALLED OUT      | ON LOCATION | JOB STARTED     | JOB COMPLETED |
|-----------------|-------------|-----------------|-------------|-----------------|---------------|
| <b>10-28-00</b> | <b>0800</b> | <b>10-28-00</b> | <b>1200</b> | <b>10-28-00</b> | <b>1830</b>   |

**TOOLS AND ACCESSORIES**

| TYPE AND SIZE                      | QTY      | MAKE     |
|------------------------------------|----------|----------|
| Float Collar <b>6 5/8 Jk 8 1/2</b> | <b>1</b> | <b>H</b> |
| Float Shoe                         |          |          |
| Guide Shoes                        |          | <b>0</b> |
| Centralizers <b>8 1/2</b>          | <b>2</b> |          |
| Bottom Plug                        |          | <b>0</b> |
| Top Plug <b>5 1/2 8 1/2</b>        | <b>1</b> |          |
| Head <b>PIC 8 1/2</b>              | <b>1</b> | <b>C</b> |
| Packer                             |          |          |
| Other <b>Basket 8 1/2</b>          | <b>2</b> | <b>0</b> |

**WELL DATA**

|              | NEW/USED | WEIGHT    | SIZE         | FROM      | TO         | MAX ALLOW |
|--------------|----------|-----------|--------------|-----------|------------|-----------|
| Casing       | <b>0</b> | <b>24</b> | <b>8 1/2</b> | <b>KB</b> | <b>690</b> |           |
| Liner        |          |           |              |           |            |           |
| Liner        |          |           |              |           |            |           |
| Tbg/D.P.     |          |           |              |           |            |           |
| Tbg/D.P.     |          |           |              |           |            | SHOTS/FT. |
| Open Hole    |          |           |              |           |            |           |
| Perforations |          |           |              |           |            |           |
| Perforations |          |           |              |           |            |           |
| Perforations |          |           |              |           |            |           |

**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  |        |
| Perfpac Balls  | Qty     |        |
| Other          |         |        |
| Other          |         |        |
| Other          |         |        |
| Other          |         |        |

| HOURS ON LOCATION |       | OPERATING HOURS |             | DESCRIPTION OF JOB |
|-------------------|-------|-----------------|-------------|--------------------|
| DATE              | HOURS | DATE            | HOURS       |                    |
|                   |       | <b>10-28-00</b> | <b>7:20</b> | <b>See Job Log</b> |
|                   |       |                 |             |                    |
| <b>TOTAL</b>      |       | <b>TOTAL</b>    |             |                    |

ORDERED \_\_\_\_\_ HYDRAULIC HORSEPOWER \_\_\_\_\_ Used \_\_\_\_\_  
 TREATED \_\_\_\_\_ AVERAGE RATES IN BPM \_\_\_\_\_ Overall \_\_\_\_\_  
 FEET **42.06** CEMENT LEFT IN PIPE \_\_\_\_\_ Shoe Joint \_\_\_\_\_  
 Reason \_\_\_\_\_

**CEMENT DATA**

| STAGE | SACKS      | CEMENT               | BULK/SKS | ADDITIVES                 | YIELD       | LBS/GAL     |
|-------|------------|----------------------|----------|---------------------------|-------------|-------------|
|       | <b>185</b> | <b>HAC "C"</b>       | <b>B</b> | <b>3% CC 1/2" Stacole</b> | <b>2.06</b> | <b>12.3</b> |
|       | <b>150</b> | <b>40/100 62 "H"</b> | <b>B</b> | <b>3% CC 1/4" Stacole</b> | <b>1.53</b> | <b>14.1</b> |

Circulating \_\_\_\_\_ Displacement \_\_\_\_\_ Preflush: Gal-BBL \_\_\_\_\_ Type \_\_\_\_\_  
 Breakdown \_\_\_\_\_ Maximum \_\_\_\_\_ Load & Bkdn: Gal-BBI \_\_\_\_\_ Pad: BBI-Gal \_\_\_\_\_  
 Average \_\_\_\_\_ Frac Gradient \_\_\_\_\_ Treatment Gal-BBI \_\_\_\_\_ Disp: BBI-Gal **41**  
 Shut In: Instant \_\_\_\_\_ 5 Min \_\_\_\_\_ 15 Min \_\_\_\_\_ Cement Slurr Gal-BBI **2.6 67.8 T.C. 35.5**  
 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  
*Mike Adkins*



**JOB LOG**

ORDER NO. 70006

TICKET #

7575000

**ORIGINAL**

TICKET DATE

2-28-2001

|                           |                               |   |
|---------------------------|-------------------------------|---|
| REGION<br>North America   | NWA / COUNTRY<br>Mid East     | BDA / STATE<br>KS                               |
| MBU ID / EMP #<br>106377  | EMPLOYEE NAME<br>D. Miller    | PSL DEPARTMENT<br>7T                            |
| LOCATION<br>L. Creek      | COMPANY<br>General Oil Co.    | CUSTOMER REP / PHONE                            |
| TICKET AMOUNT             | WELL TYPE<br>OI               | API / UWI #                                     |
| WELL LOCATION<br>Kendrick | DEPARTMENT<br>7T              | JOB PURPOSE CODE<br>017                         |
| LEASE / WELL #<br>Creek 1 | SEC / TWP / RNG<br>31 33S 11W | HES FACILITY (CLOSEST TO WELL SITE)<br>L. Creek |

| 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 |
|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|
| D. Miller 106377                    |     |                                     |     |                                     |     |                                     |     |
| S. T. 105953                        |     |                                     |     |                                     |     |                                     |     |
| T. S. 70271                         |     |                                     |     |                                     |     |                                     |     |
| T. W. 213526                        |     |                                     |     |                                     |     |                                     |     |

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL)(GAL) | PUMPS |   | PRESS (psi) |     | JOB DESCRIPTION/REMARKS  |
|-----------|------|------------|-------------------|-------|---|-------------|-----|--|
|           |      |            |                   | T     | C | Tbg         | Csg |  |
|           | 0800 |            |                   |       |   |             |     | Called for Job   |
|           | 1200 |            |                   |       |   |             |     | on location held safety meeting set up pump truck rig shell drilling |
|           | 1400 |            |                   |       |   |             |     | Rig then drilling on bottom circulating                              |
|           | 1445 |            |                   |       |   |             |     | Rig tripping out O.P.  |
|           | 1527 |            |                   |       |   |             |     | O.P. outside hole  |
|           | 1537 |            |                   |       |   |             |     | Rig up to run 8 5/8 Csg  |
|           | 1600 |            |                   |       |   |             |     | Start running Csg & Start Equip                                      |
|           | 730  |            |                   |       |   |             |     | Csg on bottom  |
|           | 731  |            |                   |       |   |             |     | Hook up P.H. & circulating Iron                                      |
|           | 735  |            |                   |       |   |             |     | Start circulating  |
|           | 740  |            |                   |       |   |             |     | Run circulating  |
|           | 741  |            |                   |       |   |             |     | Hook up to pump truck  |
|           |      |            |                   |       |   |             |     | Job Procedure 9 5/8 S. Face  |
|           | 743  |            |                   |       |   | 9/250       |     | Pressure test lines  |
|           | 745  | 5.5        | 67.8              |       |   | 9/100       |     | Start head cement @ 123"   |
|           | 759  | 5.5        | 25.5              |       |   | 100         |     | Start Tail cement @ 141"   |
|           | 1803 |            |                   |       |   |             |     | then mixing cement   |
|           | 1804 |            |                   |       |   |             |     | Shut down & Release p/STATE  |
|           | 1805 | 5          | 41                |       |   | 9/100       |     | Start Displacement   |
|           | 1813 |            |                   |       |   | 9/140       |     | Displacement caught cement   |
|           | 1815 | 1          |                   |       |   | 140/120     |     | Slow down rate   |
|           | 1827 |            |                   |       |   | 195/200     |     | Plug landeaf   |
|           | 1830 |            |                   |       |   | 200/0       |     | Shut in head & Release   |

RECEIVED  
STATE CORPORATION COMMISSION  
FEB - 7 2001  
CONSERVATION DIVISION  
Wichita, Kansas

Circulate to 10 Bbls to p.t

Thank You For Calling Halliburton

Danny & Sonny & Crew



Halliburton Energy Services, Inc.

**SOLD TO**

CRAWFORD OIL & GAS INC  
 PO BOX 51  
 COLDWATER KS 67029  
 USA

**SHIP TO**

WELL OPERATOR  
 CRAWFORD O&G GERK  
 LEASE NAME / OFFSHORE AREA  
 GERK  
 WELL NUMBER  
 #1  
 WELL PERMIT NO.  
 SEC 31-33S-19W  
 ADDRESS  
 \*  
 CITY, STATE, ZIP CODE  
 PROTECTION KS 67127

|                   |              |                       |
|-------------------|--------------|-----------------------|
| TICKET TYPE       | COMPANY CODE | HALLIBURTON ORDER NO. |
| Services          | 1100         | 952500                |
| CUSTOMER P.O. NO. | JOB DATE     | PRIMARY SERVICE LOC.  |
| N/A               | 10/28/2000   | Liberal, KS, USA      |

|                  |           |               |                        |
|------------------|-----------|---------------|------------------------|
| SALES OFFICE     | WELL TYPE | WELL CATEGORY | RIG NAME / NO.         |
| Mid-Continent BD | Oil       | Development   | CRAWFORD OIL & GAS INC |

| ITEM | MATERIAL | DESCRIPTION                         | QTY  | UNIT | UNIT PRICE |
|------|----------|-------------------------------------|------|------|------------|
| 10   | 7521     | CEMENT SURFACE CASING - BOM         |      |      |            |
|      |          | Liberal, KS, USA Hwy 54 West        | 1.00 | JOB  | 0.00       |
|      |          | JP010                               |      |      |            |
| 20   | 1        | MILEAGE FROM NEAREST HES BASE,/UNIT |      |      |            |
|      |          | Liberal, KS, USA Hwy 54 West        | 140  | MI   | 4.05       |
|      |          |                                     | 140  | MI   | 1.62-      |
|      |          |                                     | 140  | MI   | 2.43       |
|      |          | 000-117                             |      |      |            |
|      |          | With the following configuration:   |      |      |            |
|      |          | Number of Units                     | 1    | unit |            |
| 30   | 2        | MILEAGE FOR CEMENTING CREW,ZI       |      |      |            |
|      |          | Liberal, KS, USA Hwy 54 West        | 140  | MI   | 2.38       |
|      |          |                                     | 140  | MI   | 0.95-      |
|      |          |                                     | 140  | MI   | 1.43       |
|      |          | 000-119                             |      |      |            |
|      |          | With the following configuration:   |      |      |            |
|      |          | Number of Units                     | 1    | unit |            |

RECEIVED  
STATE CORPORATION COMMISSION

FFR - 7 2001

CONTRACT EVALUATION DIVISION

ORIGINAL

|                                 |                      |
|---------------------------------|----------------------|
| INVOICE INSTRUCTIONS            |                      |
| PAYMENT TERMS                   | HALLIBURTON APPROVAL |
| Net due in 20 days              |                      |
| HALLIBURTON OPERATOR / ENGINEER | CUSTOMER SIGNATURE   |

|                         |
|-------------------------|
| TOTAL FROM THIS PAGE    |
| TOTAL FROM NEXT PAGE(S) |
| SUBTOTAL                |
| TAXES                   |
| GRAND TOTAL             |



Halliburton Energy Services, Inc.

| ITEM | MATERIAL  | DESCRIPTION                           | QTY  | UNIT | UNIT PRICE |
|------|-----------|---------------------------------------|------|------|------------|
| 40   | 16091     | CSG PUMPING,0-4 HRS,ZI                |      |      |            |
|      |           | Liberal, KS, USA Hwy 54 West          | 1.00 | EA   | 1,963.00   |
|      |           |                                       | 1.00 | EA   | 785.20-    |
|      |           |                                       | 1.00 | EA   | 1,177.80   |
|      |           | 001-016                               |      |      |            |
|      |           | With the following configuration:     |      |      |            |
|      |           | DEPTH                                 | 685  |      |            |
|      |           | FEET/METRES (FT/M)                    | FT   |      |            |
| 50   | 132       | PORTABLE DAS,/DAY/JOB,ZI              |      |      |            |
|      |           | Liberal, KS, USA Hwy 54 West          | 1.00 | JOB  | 916.00     |
|      |           |                                       | 1.00 | JOB  | 366.40-    |
|      |           |                                       | 1.00 | JOB  | 549.60     |
|      |           | 045-050                               |      |      |            |
|      |           | With the following configuration:     |      |      |            |
|      |           | NUMBER OF DAYS                        | 1    | Days |            |
| 60   | 7         | ENVIRONMENTAL SURCHARGE,/JOB,ZI       |      |      |            |
|      |           | Liberal, KS, USA Hwy 54 West          | 1.00 | JOB  | 66.24      |
|      |           |                                       | 1.00 | JOB  | 26.50-     |
|      |           |                                       | 1.00 | JOB  | 39.74      |
|      |           | 000-150                               |      |      |            |
| 70   | 100003163 | PLUG-CMTG-TOP PLASTIC-8-5/8           |      |      |            |
|      |           | Liberal, KS, USA Hwy 54 West          | 1.00 | EA   | 196.00     |
|      |           |                                       | 1.00 | EA   | 78.40-     |
|      |           |                                       | 1.00 | EA   | 117.60     |
|      |           | 402.15781                             |      |      |            |
|      |           | PLUG - CMTG - TOP PLASTIC - 8-5/8     |      |      |            |
|      |           | 24-49#                                |      |      |            |
| 80   | 100004521 | CENTRALIZER ASSY - 8-5/8 CSG X 12-1/4 |      |      |            |
|      |           | Liberal, KS, USA Hwy 54 West          | 2.00 | EA   | 88.00      |
|      |           |                                       | 2.00 | EA   | 35.20-     |
|      |           |                                       | 2.00 | EA   | 52.80      |
|      |           | 40806.61048                           |      |      |            |
|      |           | CENTRALIZER ASSY - 8-5/8 CSG X 12-1/4 |      |      |            |
|      |           | HOLE - HINGED - W/WELDED STANDARD     |      |      |            |

ORIGINAL



Halliburton Energy Services, Inc.

| ITEM | MATERIAL                     | DESCRIPTION                             | QTY    | UNIT | UNIT PRICE |
|------|------------------------------|---|--------|------|------------|
|      |                              | BOWS                                    |        |      |            |
| 90   | 100004721                    | BAF,PL,AL,8 5/8 GID SHOE                |        |      |            |
|      | Liberal, KS, USA Hwy 54 West |   | 1.00   | EA   | 201.60     |
|      |                              |   | 1.00   | EA   | 80.64      |
|      |                              |   | 1.00   | EA   | 120.96     |
|      |                              | 597825.1269                             |        |      |            |
|      |                              | PLATE - BAFFLE - AL - 8-5/8 GUIDE SHOE  |        |      |            |
| 100  | 100004616                    | BASKET-CMT-8-5/8 CSG-SLIP-ON-S          |        |      |            |
|      | Liberal, KS, USA Hwy 54 West |   | 2.00   | EA   | 299.00     |
|      |                              |   | 2.00   | EA   | 119.60     |
|      |                              |   | 2.00   | EA   | 179.40     |
|      |                              | 806.71460                               |        |      |            |
|      |                              | BASKET - CEMENT - 8-5/8 CSG - SLIP-ON   |        |      |            |
|      |                              | - STEEL BOWS - CANVAS                   |        |      |            |
| 110  | 14241                        | SBM Halliburton Light Premium Plus      |        |      |            |
|      | Hugoton, KS, USA             |   | 185.00 | SK   | 14.75      |
|      |                              |   | 185.00 | SK   | 5.90       |
|      |                              |   | 185.00 | SK   | 8.85       |
|      |                              | 504-120                                 |        |      |            |
| 180  | 101216940                    | Chemical - Poly-E-Flake (25# bag)       |        |      |            |
|      | Hugoton, KS, USA             |   | 66.00  | LB   | 2.71       |
|      |                              |   | 66.00  | LB   | 1.08       |
|      |                              |   | 66.00  | LB   | 1.63       |
|      |                              | NO PART NUMBER PRIOR TO SAP             |        |      |            |
| 190  | 100005053                    | Chemical - Calcium Chloride Hi Test Plt |        |      |            |
|      | Hugoton, KS, USA             |   | 9.00   | SK   | 54.00      |
|      |                              |   | 9.00   | SK   | 21.60      |
|      |                              |   | 9.00   | SK   | 32.40      |
|      |                              | 509-406890.50812                        |        |      |            |
|      |                              | CALCIUM CHLORIDE - HI TEST PELLETT -    |        |      |            |
|      |                              | 94-97% CACL 2 - 80# BAG                 |        |      |            |

ORIGINAL



Halliburton Energy Services, Inc.

| ITEM                              | MATERIAL                  | DESCRIPTION                              | QTY.    | UNIT | UNIT PRICE |
|-----------------------------------|---------------------------|--|---------|------|------------|
| 200                               | 15075<br>Hugoton, KS, USA | SBM 40/60 POZ PREMIUM                    | 150.00  | SK   | 12.21      |
|                                   |                           |  | 150.00  | SK   | 4.88-      |
|                                   |                           |  | 150.00  | SK   | 7.33       |
|                                   |                           |  | 504-137 |      |            |
| 210                               | 3965<br>Hugoton, KS, USA  | HANDLE&DUMP SVC CHRГ, CMT&ADDITIVES,ZI   | 371.00  | CF   | 1.94       |
|                                   |                           |  | 371.00  | CF   | 0.78-      |
|                                   |                           |  | 371.00  | CF   | 1.16       |
|                                   |                           |  | 500-207 |      |            |
| With the following configuration: |                           |  |         |      |            |
| NUMBER OF EACH                    |                           |  | 1       | each |            |
| 220                               | 16119<br>Hugoton, KS, USA | MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN | 1,085   | MI   | 1.39       |
|                                   |                           |  | 1,085   | MI   | 0.56-      |
|                                   |                           |  | 1,085   | MI   | 0.83       |
|                                   |                           |  | 500-306 |      |            |
| With the following configuration: |                           |  |         |      |            |
| NUMBER OF TONS                    |                           |  | 1       | ton  |            |
| INVOICE AMOUNT                    |                           |  |         |      |            |
| Sales Tax - State                 |                           |  |         |      |            |
| Sales Tax - County                |                           |  |         |      |            |
| Sales Tax - City/Loc              |                           |  |         |      |            |
| INVOICE TOTAL                     |                           |  |         |      |            |

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