

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 # 31088
Name: Colt Resources Corporation
Address: 16701 Greenspoint Park Dr. - Suite 225
City/State/Zip: Houston, Texas 77060
Purchaser: Oil-TEPPCO; Gas-KP&L
Operator Contact Person: Ed Childers
Phone: (281) 876-1209
Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: Jerry Smith
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Add.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows: 7-24-00
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. _____
04-08-00 04-13-00 04-14-00
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 095-21766 0000
County: Kingman County, Kansas
C-W/2 NW NE Sec. 35 Twp. 30 S. R. 9 East West
660 feet from S / (N) (circle one) Line of Section
2310 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Morris & Wolf Well #: 3-35
Field Name: Spivey-Grabs
Producing Formation: Mississippi
Elevation: Ground: 1657' Kelly Bushing: 1665'
Total Depth: 4540' Plug Back Total Depth: 4490'
Amount of Surface Pipe Set and Cemented at 292' @ 302' 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 Att. 1, 9-15-00 UC.
(Data must be collected from the Reserve Pit)
Chloride content 41,000 ppm Fluid volume 700 bbls
Dewatering method used trucked/evaporated
Location of fluid disposal if hauled offsite: _____
Operator Name: Messenger Petroleum
Lease Name: Nicholas SWD License No.: 4706
Quarter NE Sec. 20 Twp. 30 S. R. 8 East West
County: Kingman Docket No.: 025073

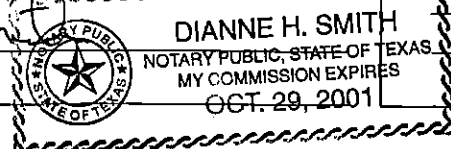
STATE CORPORATION COMMISSION

CONSERVATION DIVISION
Wichita, Kansas
JUL 24 2000

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: Ed Childers
Division Engineer Date: 7-13-00
Title: _____ Date: _____
Subscribed and sworn to before me this 13th day of July,
2000
Notary Public: Dianne H. Smith
Date Commission Expires: 10-29-01



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

X

Operator Name: Colt Resources Corporation Lease Name: Morris & Wolf Well #: 3-35
 Sec. 35 Twp. 30 S. R. 9 East West County: Kingman County, Kansas

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: <u>DIL, COL/CML</u> | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th style="width:15%;">Top</th> <th style="width:15%;">Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner Shale</td> <td>3413</td> <td>(-1748)</td> </tr> <tr> <td>Lansing</td> <td>3624</td> <td>(-1950)</td> </tr> <tr> <td>Drum Porosity</td> <td>3944</td> <td>(-2270)</td> </tr> <tr> <td>Dennis Porosity</td> <td>4028</td> <td>(-2363)</td> </tr> <tr> <td>Swope Porosity</td> <td>4054</td> <td>(-2380)</td> </tr> <tr> <td>Hertha Porosity</td> <td>4083</td> <td>(-2418)</td> </tr> <tr> <td>Base Kansas City</td> <td>4146</td> <td>(-2481)</td> </tr> <tr> <td>Cherokee Lime</td> <td>4200</td> <td>(-2625)</td> </tr> <tr> <td>Mississippian</td> <td>4356</td> <td>(-2691)</td> </tr> <tr> <td>Base Miss Chat</td> <td>4439</td> <td>(-2774)</td> </tr> </tbody> </table> | Name | Top | Datum | Heebner Shale | 3413 | (-1748) | Lansing | 3624 | (-1950) | Drum Porosity | 3944 | (-2270) | Dennis Porosity | 4028 | (-2363) | Swope Porosity | 4054 | (-2380) | Hertha Porosity | 4083 | (-2418) | Base Kansas City | 4146 | (-2481) | Cherokee Lime | 4200 | (-2625) | Mississippian | 4356 | (-2691) | Base Miss Chat | 4439 | (-2774) |
|--|--|---------|-----|-------|---------------|------|---------|---------|------|---------|---------------|------|---------|-----------------|------|---------|----------------|------|---------|-----------------|------|---------|------------------|------|---------|---------------|------|---------|---------------|------|---------|----------------|------|---------|
| Name | Top | Datum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heebner Shale | 3413 | (-1748) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lansing | 3624 | (-1950) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Drum Porosity | 3944 | (-2270) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dennis Porosity | 4028 | (-2363) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Swope Porosity | 4054 | (-2380) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hertha Porosity | 4083 | (-2418) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Base Kansas City | 4146 | (-2481) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cherokee Lime | 4200 | (-2625) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mississippian | 4356 | (-2691) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Base Miss Chat | 4439 | (-2774) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 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 | # Sacs Used | Type and Percent Additives |
| Surface | 12-1/4" | 8-5/8" | 24# | 302' | 60/40 Poz | 195 | 3%cc 2%gel |
| Production | 7-7/8" | 5-1/2" | 15.5# | 4535' | Premium | 200 | 10%salt |

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

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|------------|
| 2 | 4378-4410 | 41,102 gal 25# Delta Frac | 4378-4410' |
| | | | |
| | | | |
| | | | |

| | | | | |
|--|------------------------|--|-------------|---|
| TUBING RECORD | Size <u>2- 3/8"</u> | Set At <u>4460'</u> | Packer At | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumerd Production, SWD or Enhr. <u>6-15-00</u> | | Producing Method <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. <u>18</u> | Gas Mcf <u>217</u> | Water Bbls. | Gas-Oil Ratio <u>11813</u> |

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 4378-4410'
(If vented, Sumit ACO-18.) Other (Specify) _____

ALLIED CEMENTING CO., INC.

Federal Tax I.D. # 48-0727860

APR 25 2000

ORIGINAL 1132

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

SERVICE POINT:
MEDICINE LODGE

| | | | | | | | |
|-------------------------|-------------------|------------------------------------|-----------------------|---------------------------|----------------------------|--------------------------|---------------------------|
| DATE <i>4-8-00</i> | SEC. <i>35</i> | TWP. <i>30s</i> | RANGE <i>9W</i> | CALLED OUT <i>1:45 PM</i> | ON LOCATION <i>2:45 PM</i> | JOB START <i>4:15 PM</i> | JOB FINISH <i>7:30 PM</i> |
| LEASE <i>182126</i> | WELL# <i>3-35</i> | LOCATION <i>KEYSTONE CHURCH IN</i> | | | COUNTY <i>KENNESAW</i> | STATE <i>KANSAS</i> | |
| OLD OR NEW (Circle one) | | | <i>1E, 1N, 1/4 NW</i> | | | | |

CONTRACTOR *DUKE DALC. #2* OWNER *POLT RESOURCES CORP.*

TYPE OF JOB *DRIFT*

HOLE SIZE *12 1/4"* T.D. *303'*

CASING SIZE *3 1/2"* DEPTH *302'*

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. *15'*

PERFS. _____

DISPLACEMENT *18 1/4 BBL. H₂O*

CEMENT AMOUNT ORDERED *195 x 60:40:2 + 31.11*

EQUIPMENT

PUMP TRUCK CEMENTER *KEVIN BRUNBAUDT*

343 HELPER *MARK BRUNBAUDT*

BULK TRUCK DRIVER *DAVID WEST*

242

BULK TRUCK DRIVER _____

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING *195* @ *1.1*

MILEAGE *195 x .04*

TOTAL _____

REMARKS:

Run 3 1/2" P.C. + 1/2" BBL. CEMENTATION

195 x 60:40:2 + 31.11

DISPLACEMENT 18 1/4 BBL. H₂O

CEMENT DID CEMENT! ✓

SERVICE

DEPTH OF JOB *302'*

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE *30* @ _____

PLUG *3 1/2" TWP* @ _____

_____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: *POLT RESOURCES CORP.*

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

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.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE *John J. Ombuster*

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.

JOB SUMMARY

ORDER NO. 70006

TICKET # 562632
TICKET DATE 4-14-00

| | | | |
|---------------------------------------|-----------------------------|--------------------------------------|-------------------|
| REGION North America | NW/COUNTRY USA | BDA / STATE KS. | COUNTY Kearney |
| MBU ID / EMP # MCL10103 106304 | EMPLOYEE NAME Tyle Davis | PSL DEPARTMENT ZJ | ORIGINAL |
| LOCATION Liberal KS. | COMPANY J.W. Exploration | CUSTOMER REP / PHONE K. V. Payley | |
| TICKET AMOUNT | WELL TYPE 02 | API / UWI # | |
| WELL LOCATION Land S.E. Zenda. | DEPARTMENT ZJ | JOB PURPOSE CODE 025 | |
| LEASE / WELL # Morris & Wolfe 3-35 | SEC / TWP / RNG 35-30-9 | | |

| 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 |
|------------------------------------|-------|------------------------------------|-----|------------------------------------|-----|------------------------------------|-----|
| T. Davis 106304 | 6 1/2 | | | | | | |
| S. ENRI 106099 | 6 1/2 | | | | | | |
| J. Lopez 198514 | 3 1/2 | | | | | | |

| HES UNIT NUMBERS | R/T MILES | HES UNIT NUMBERS | R/T MILES | HES UNIT NUMBERS | R/T MILES | HES UNIT NUMBERS | R/T MILES |
|------------------|-----------|------------------|-----------|------------------|-----------|------------------|-----------|
| 54216-78202 | 84 | | | | | | |
| 52920-6611 | 84 | | | | | | |

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

| DATE | CALLED OUT | ON LOCATION | JOB STARTED | JOB COMPLETED |
|---------|------------|-------------|-------------|---------------|
| 4-14-00 | 0500 | 4-14-00 | 4-14-00 | 4-1400 |
| TIME | | 1030 | | |

TOOLS AND ACCESSORIES

| TYPE AND SIZE | QTY | MAKE |
|--------------------|-----|------|
| Float Collar 5 1/2 | 1 | H |
| Float Shoe | | |
| Guide Shoe 108 | 1 | O |
| Centralizers 54 | 10 | |
| Bottom Plug | | W |
| Top Plug 5W | 1 | |
| Head 8.0 | 1 | C |
| Packer | | |
| Other | | O |

WELL DATA

| | NEW/USED | WEIGHT | SIZE | FROM | TO | MAX ALLOW |
|--------------|----------|--------|-------|------|------|-----------|
| Casing | N | 15.5 | 5 1/2 | KB | 4537 | |
| Liner | | | | | | |
| Liner | | | | | | |
| Tbg/D.P. | | | | | | |
| Tbg/D.P. | | | | | | |
| Open Hole | | | | | | SHOTS/FT. |
| 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 | |
| | | | | CMF 6 1/2 L.S. |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| TOTAL | | TOTAL | | |

| ORDERED | HYDRAULIC HORSEPOWER | Used |
|---------|----------------------|---------|
| | Avail. | |
| TREATED | AVERAGE RATES IN BPM | Overall |
| | Disp. | |
| FEET 44 | CEMENT LEFT IN PIPE | S.J |
| | Reason | |

CEMENT DATA

| STAGE | SACKS | CEMENT | BULK/SKS | ADDITIVES | YIELD | LBS/GAL |
|-------|-------|--------|----------|---|-------|---------|
| 1 | 200 | PREM | 6 | 10% Sulfate, 5% Colloidal, -75% H9104 322 | 1.29 | 186 |
| 1 | 25 | " | " | " plus Nat. 5 ml. | " | " |

| | | | |
|------------------------|--------------------------|------------------------------|----------------------|
| Circulating _____ | Displacement _____ | Preflush: Gal - (BB) 12 | Type _____ |
| Breakdown _____ | Maximum _____ | Load & Bkdn: Gal - BBI _____ | Pad: BBI - Gal _____ |
| Average _____ | Frac Gradient _____ | Treatment Gal - BBI _____ | Disp (BB) Gal 109 |
| Shut In: Instant _____ | 5 Min _____ 15 Min _____ | Cement Slurr Gal - (BB) 46 | 6 min. 10 min. etc. |
| | | 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
[Signature]