

ORIGINAL

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

API NO. 15- 135-238860000

Operator: License # 6039

County Ness

Name: L. D. Drilling, Inc.

NE-SW - NE - Sec. 33 Twp. 18 Rge. 21 XX W

Address RR 1 Box 183 B

3630 Feet from S/N (circle one) Line of Section

1650 Feet from E/W (circle one) Line of Section

City/State/Zip Great Bend, Ks 67530

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

Purchaser: N/A

Lease Name THOMAS Well # #2

Operator Contact Person: L. D. Davis

Field Name Wildcat

Phone (316) 793-3051

Producing Formation None

Contractor: Name: L. D. Drilling, Inc.

Elevation: Ground 2113' KB 2118'

License: 6039

Total Depth 4205 PBDT

Wellsite Geologist: Kim Shoemaker

Amount of Surface Pipe Set and Cemented at 339 Feet

Designate Type of Completion  
 New Well  Re-Entry  Workover

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.

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

Drilling Fluid Management Plan D&A JH 10-16-95  
(Data must be collected from the Reserve Pit)

If Workover:

Chloride content ppm Fluid volume bbls

Dewatering method used

Location of fluid disposal if hauled offsite

Operator Name SEP 27 1995

Lease Name License No.

Quarter Sec. Twp. Wichita, Kansas E/W

County Docket No.

Deepening Re-perf. Conv. to Inj/SWD  
Plug Back PBDT  
Commingle Docket No.  
Dual Completion Docket No.  
Other (SWD or Inj?) Docket No.

5-31-95 6-09-95  
Spud Date Date Reached TD Completion Date

RECEIVED  
STATE CORPORATION COMMISSION

CONSERVATION DIVISION  
Wichita, Kansas

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 L. D. Davis L. D. Davis

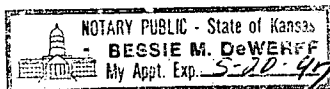
Title President Date

Subscribed and sworn to before me this 13th day of Sept 19 95.

Notary Public Bessie M DeWerff Bessie M DeWerff

Date Commission Expires 5-20-97

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)



**JANIGIAN**

**SIDE TWO**

Operator Name L. D. Drilling, Inc.

Lease Name THOMAS

Well # 2

Sec. 33 Twp. 18 Rge. 21

East

County Ness

West

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

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

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
(Submit Copy.)

List All E.Logs Run:  
Drill Stem Test on page 2 - Attachment

Log       Sample

| Name      | Top       | Datum   |
|-----------|-----------|---------|
| Anhy.     | 1336-1366 | (+782)  |
| Heebner   | 3574      | (-1456) |
| Lansing   | 3617      | (-1499) |
| Base K/C  | 3936      | (-1818) |
| Pawnee    | 4020      | (-1902) |
| Ft. Scott | 4091      | (-1973) |
| Cherokee  | 4105      | (-1987) |
| Miss.     | 4205      | (-2087) |

**CASING RECORD**

New  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              | 339'          | 50/50 Poz      | 190          | 2% Gel, 3% CC              |
|                   |                   |                           |                 |               |                |              |                            |
|                   |                   |                           |                 |               |                |              |                            |

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

| Purpose:                                | Depth |        | Type of Cement | #Sacks Used | Type and Percent Additives |
|---|-------|--------|----------------|-------------|----------------------------|
|   | Top   | Bottom |                |             |                            |
| <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  |  | Acid, Fracture, Shot, Cement Squeeze Record |  |
|----------------|---|--|---|--|
|                | Specify Footage of Each Interval Perforated |  | (Amount and Kind of Material Used)          |  |
|                |   |  |   |  |
|                |   |  |   |  |
|                |   |  |   |  |
|                |   |  |   |  |

| 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 <u>N/A</u> Bbls. | Gas <u>N/A</u> Mcf  | Water <u>N/A</u> Bbls. | Gas-Oil Ratio | Gravity   |  |

Disposition of Gas: **METHOD OF COMPLETION**

Vented  Sold  Used on Lease (If vented, submit ACO-18.)

Open Hole  Perf.  Dually Comp.  Commingled

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

**Production Interval**

ORIGINAL

ACO -1 ATTACHMENT

OPERATOR : L. D. Drilling, Inc.  
RR 1 Box 183 B  
Great Bend, Ks 67530

LEASE: THOMAS #2  
NE SW NE SEC. 33-18S-21W  
Ness County, Ks.

API#15-135-23896

DST #1 4094-4122 Ft Scott & Cherokee

TIMES : 30-30

BLOW: 1st - weak blow died in 6 min.  
2nd - no blow flush tool - no help

RECOVERY: 15' Drilling Mud

IFP: 39 ISIP: 49

DST #2 4102-4165 Cherokee sand

TIMES: 30-45-45-60

BLOW: 1st - bb in 6 min.  
2nd - bb in 13 min.

RECOVERY: 270' MSW, 437' SW

IFP: 156-211 FFP: 271-365

ISIP: 842 FSIP: 788

RECEIVED  
STATE CORPORATION COMMISSION

SEP 27 1995

CONSERVATION DIVISION  
Wichita, Kansas

Phone 913-483-2627, Russell, KS  
 Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS  
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS  
 Phone 913-798-3843, Ness City, KS

# ALLIED CEMENTING CO., INC. 0007148

Home Office P. O. Box 31      Russell, Kansas 67665      ORIGINAL

*New Well*

|                      |                   |                                |                  |                           |                            |                          |                           |
|----------------------|-------------------|--------------------------------|------------------|---------------------------|----------------------------|--------------------------|---------------------------|
| Date <i>06-09-95</i> | Sec. <i>33</i>    | Twp. <i>18</i>                 | Range <i>21W</i> | Called Out <i>3:00/AM</i> | On Location <i>5:45/AM</i> | Job Start <i>8:00/AM</i> | Finishing <i>10:20/AM</i> |
| Lease <i>THOMAS</i>  | Well No. <i>2</i> | Location <i>2 1/2 S RAZINE</i> |                  |                           | County <i>NESS</i>         | State <i>KS.</i>         |                           |

|                                |                   |
|--------------------------------|-------------------|
| Contractor <i>L.D. DEVLING</i> |                   |
| Type Job <i>ROTARY DRILL</i>   |                   |
| Hole Size <i>7 7/8"</i>        | T.D. <i>4210'</i> |
| Csg. <i>8 5/8"</i>             | Depth <i>339'</i> |
| Tbg. Size                      | Depth             |
| Drill Pipe                     | Depth             |
| Tool                           | Depth             |
| Cement Left in Csg.            | Shoe Joint        |
| Press Max.                     | Minimum           |
| Meas Line                      | Displace          |
| Perf.                          |                   |

|   |
|---|
| Owner <i>L.D. DAVIS</i>   |
| To Allied Cementing Co., Inc.<br>You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. |
| Charge To <i>L.D. DAVIS</i>   |
| Street  |
| City <i>GREAT BEND</i> State <i>KS</i>  |
| The above was done to satisfaction and supervision of owner agent or contractor.  |
| Purchase Order No.  |
| <i>X</i> <i>L.D. DAVIS</i>  |
| <b>CEMENT</b>   |

| EQUIPMENT          |          |            |
|--------------------|----------|------------|
| No.                | Cementer | <i>BUD</i> |
| Pumptrk <i>120</i> | Helper   | <i>JD</i>  |
| No.                | Cementer |            |
| Pumptrk            | Helper   |            |
|                    | Driver   | <i>REN</i> |
| Bulktrk <i>69</i>  | Driver   |            |

|  |
|--|
| Amount Ordered <i>200.00 60/40 lbs 6% Gel 1/4 Fee Seal</i> |
| Consisting of  |
| Common   |
| Poz. Mix   |
| Gel  |
| Chloride   |
| Quickset   |
| Sales Tax  |
| Handling   |
| Mileage  |

| DEPTH of Job |                          |
|--------------|--------------------------|
| Reference:   | <i>PUMP TRUCK CHARGE</i> |
|              | <i>PUMP TRUCK MILES</i>  |
| <i>1</i>     | <i>8 5/8" DRY HOLE</i>   |
|              | Sub Total                |
|              | Tax                      |
|              | Total                    |

Remarks: *1st hole 1360' - 50 lb*  
*2nd hole 630' - 75 lb*  
*3rd hole 340' - 50 lb*  
*0-40 10 lb*  
*RTA HOLE 15 lb*

|                    |   |
|--------------------|---|
| Floating Equipment | Sub Total<br><b>RECEIVED</b><br>STATE CORPORATION COMMISSION<br>Total<br><b>SEP 27 1995</b><br>CONSERVATION DIVISION<br>Wichita, Kansas |
|--------------------|---|

## 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 willful 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.

## CEMENTING LOG

STAGE NO. \_\_\_\_\_

Date 06-09-95 District CB/Dress City Ticket No. 7148  
 Company L.D. DAVIS Rig COTCOCK  
 Lease THOMAS Well No. 2  
 County NESS 33-B-2140 State KS  
 Location BAZINE 2E 1/2 Field \_\_\_\_\_

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size \_\_\_\_\_ Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

Casing Depths: Top \_\_\_\_\_ Bottom \_\_\_\_\_

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size \_\_\_\_\_ T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

**CAPACITY FACTORS:**

Casing: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. 0.1422 Lin. ft./Bbl. 70.42  
 Annulus: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

**CEMENT DATA:**

Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

LEAD: Pump Time \_\_\_\_\_ hrs. Type 60/40 Doc  
60/40 Doc Excess \_\_\_\_\_  
 Amt. 200 Skys Yield 1.56 ft<sup>3</sup>/sk Density 13.4 PPG \_\_\_\_\_

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls. \_\_\_\_\_

Pump Trucks Used 120  
 Bulk Equip. 69

**ORIGINAL**

Floater Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Floater: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG \_\_\_\_\_  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG \_\_\_\_\_

COMPANY REPRESENTATIVE GREG DALINSON

CEMENTER BUD

| TIME<br>AM/PM | PRESSURES PSI     |         | FLUID PUMPED DATA |                        |                | REMARKS                               |
|---------------|-------------------|---------|-------------------|------------------------|----------------|---------------------------------------|
|               | DRILL PIPE CASING | ANNULUS | TOTAL FLUID       | Pumped Per Time Period | RATE Bbls Min. |                                       |
| 5:45/AM       |                   |         |                   |                        |                | ARRIVE ON LOC.                        |
| 6:15/AM       |                   |         |                   |                        |                | RIGGED UP AND SAFETY MEETING          |
| 8:05/AM       |                   |         |                   |                        |                | 1st Plug 1360' SOLID 60/40 6% 1/4" ES |
| 8:45/AM       |                   |         |                   |                        |                | 2nd Plug 630' SOLID 60/40 6% 1/4" ES  |
| 9:05/AM       |                   |         |                   |                        |                | 3rd Plug 360' SOLID 60/40 6% 1/4" ES  |
| 9:55/AM       |                   |         |                   |                        |                | 4th Plug 40' 0' 1000 60/40 6% 1/4" ES |
| 10:05/AM      |                   |         |                   |                        |                | Out Hole 1500 60/40 6% 1/4" ES        |
| 10:15/AM      |                   |         |                   |                        |                | JOB COMPLETE + RELEASED               |

RECEIVED  
 STATE CORPORATION COMMISSION

SEP 27 1995

CONSERVATION DIVISION  
 Wichita, Kansas

# ALLIED CEMENTING CO., INC.

1716

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

SERVICE POINT: Neos City

|                     |                 |                                |                 |                          |                           |                         |                          |
|---------------------|-----------------|--------------------------------|-----------------|--------------------------|---------------------------|-------------------------|--------------------------|
| DATE <u>5-31-95</u> | SEC <u>33</u>   | TWP <u>18</u>                  | RANGE <u>21</u> | CALLED OUT <u>3:00PM</u> | ON LOCATION <u>4:30PM</u> | JOB START <u>7:30PM</u> | JOB FINISH <u>8:00PM</u> |
| LEASE <u>Thomas</u> | WELL # <u>2</u> | LOCATION <u>Bayne 2E-Sinto</u> |                 |                          | COUNTY <u>Wess</u>        | STATE <u>Ks</u>         |                          |

OLD OR NEW (Circle one)

**ORIGINAL**

CONTRACTOR L D Dullney

TYPE OF JOB Surface

HOLE SIZE 12 1/4" T.D. 339'

CASING SIZE 8 5/8" 24" DEPTH 339'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

OWNER Same

CEMENT

AMOUNT ORDERED 190 50/50 223

|          |            |   |              |               |
|----------|------------|---|--------------|---------------|
| COMMON   | <u>95</u>  | @ | <u>6.10</u>  | <u>579.50</u> |
| POZMIX   | <u>95</u>  | @ | <u>3.15</u>  | <u>299.25</u> |
| GEL      | <u>3</u>   | @ | <u>9.50</u>  | <u>28.50</u>  |
| CHLORIDE | <u>6</u>   | @ | <u>28.00</u> | <u>168.00</u> |
|          |            | @ |              |               |
|          |            | @ |              |               |
|          |            | @ |              |               |
|          |            | @ |              |               |
|          |            | @ |              |               |
| HANDLING | <u>190</u> | @ | <u>1.05</u>  | <u>199.50</u> |
| MILEAGE  | <u>15</u>  |   |              | <u>114.00</u> |

TOTAL \$ 1388.75

**EQUIPMENT**

PUMP TRUCK CEMENTER Mike

# 224 HELPER Bob

BULK TRUCK

# 69 DRIVER Bill

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

Ran 9 hrs 8 5/8" 24" 28" used casing  
Pump truck with rig. Mixed 190SK 50/50 223  
displaced with 205 B31 fresh H2O. Cement  
did circulate.

Thank you  
Allied Cementing  
Mike, Bob, Bill

**SERVICE**

|                   |               |   |              |               |
|-------------------|---------------|---|--------------|---------------|
| DEPTH OF JOB      | <u>339'</u>   |   |              |               |
| PUMP TRUCK CHARGE | <u>0-300'</u> |   |              | <u>445.00</u> |
| EXTRA FOOTAGE     | <u>39'</u>    | @ | <u>.41</u>   | <u>15.99</u>  |
| MILEAGE           | <u>15</u>     | @ | <u>2.35</u>  | <u>35.25</u>  |
| PLUG              | <u>TWP</u>    | @ | <u>45.00</u> | <u>45.00</u>  |
|                   |               | @ |              |               |
|                   |               | @ |              |               |

TOTAL \$ 541.24

CHARGE TO: L. D Dullney, Inc.

STREET RR. 1 Box 183 B

CITY Great Bend STATE Ks ZIP 67530

**FLOAT EQUIPMENT**

|  |   |  |  |
|--|---|--|--|
|  | @ |  |  |
|  | @ |  |  |
|  | @ |  |  |
|  | @ |  |  |
|  | @ |  |  |

TOTAL \_\_\_\_\_

TAX - 0 -

TOTAL CHARGE \$ 1929.99

DISCOUNT \$ 386.00 IF PAID IN 30 DAYS

Net \$ 1543.99

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 Diane Biff

RECEIVED  
STATE CORPORATION COMMISSION

SEP 27 1995

CONSERVATION DIVISION  
Wichita, Kansas

SEP 27 1995





P.O. BOX 31  
RUSSELL, KS 67665

CEMENTING LOG

STAGE NO.

**ORIGINAL**

Date 5-31-95 District Miss Ticket No. 1716  
Company L D Rig L D  
Lease Thomas Well No. 2  
County Miss State KS  
Location Byrne SE Section Field \_\_\_\_\_

CEMENT DATA:

Spacer Type: \_\_\_\_\_  
Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time 50/50 2+3 hrs. Type \_\_\_\_\_ Excess \_\_\_\_\_  
Amt. 190 Sks Yield 1.22 ft<sup>3</sup>/sk Density 14.7 PPG

CASING DATA: PTA  Squeeze   
Surface  Intermediate  Production  Liner   
Size 8 1/2 Type \_\_\_\_\_ Weight 24 28 Collar \_\_\_\_\_

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_ Excess \_\_\_\_\_  
Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

Collaps - 950 - 1640  
Burst - 1340 - 2470

WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls.

Casing Depths: Top \_\_\_\_\_ Bottom 339'

Pump Trucks Used 224# - Bob Norton  
Bulk Equip. 69# - Bill White

Drill Pipe: Size 4 1/2 Weight 16.60 Collars \_\_\_\_\_  
Open Hole: Size 124" TD 339 ft. P.B. to \_\_\_\_\_ ft.

Float Equip: Manufacturer \_\_\_\_\_  
Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
Float: Type \_\_\_\_\_ Depth \_\_\_\_\_

CAPACITY FACTORS:  
Casing: Bbls/Lin. ft. 0.0637 - 0.0624 Lin. ft./Bbl. 1570 - 16.02  
Open Holes: Bbls/Lin. ft. 0.1458 Lin. ft./Bbl. 6.8587  
Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
Annulus: Bbls/Lin. ft. 0.6735 Lin. ft./Bbl. 13.6054  
Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
Stage Collars \_\_\_\_\_  
Special Equip. \_\_\_\_\_  
Disp. Fluid Type H<sub>2</sub>O Amt. \_\_\_\_\_ Bbls. Weight 8.35 PPG  
Mud Type Chemical Weight 8.96 PPG

Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

COMPANY REPRESENTATIVE Diane O'Neil

CEMENTER Michael Mear

| TIME<br>AM/PM | PRESSURES PSI        |         | FLUID PUMPED DATA |                           |                   | REMARKS   |
|---------------|----------------------|---------|-------------------|---------------------------|-------------------|---|
|               | DRILL PIPE<br>CASING | ANNULUS | TOTAL<br>FLUID    | Pumped Per<br>Time Period | RATE<br>Bbls Min. |   |
| 7:40          | 100*                 |         | 5801              | 1 min                     | 5801              | Arrived on location - held safety<br>Meeting - set up<br>Wash spacer<br>Cement slurry<br>H <sub>2</sub> O displacement<br>Plug down - cement duct - Circulate |
| 7:42          | 150*                 |         | 245381            | 10 min                    | 245381            |   |
| 7:53          | 175*                 |         | 205581            | 4 min                     | 51395             |   |
| 8:00          | 175*                 |         |                   |                           |                   |   |

**RECEIVED**  
STATE CORPORATION COMMISSION  
SEP 27 1995  
CONSERVATION DIVISION  
Wichita, Kansas

FINAL DISP. PRESS: \_\_\_\_\_ PSI BUMP PLUG TO \_\_\_\_\_ PSI BLEEDBACK \_\_\_\_\_ BBLs.

Taylor Printing, Inc., Pratt, KS

THANK YOU