

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

Operator: License # 3293

Name: Russell Oil, Inc.

Address P.O. Box 272

City/State/Zip Russell, KS 67665

Purchaser: Farmland Industries

Operator Contact Person: LeRoy Holt II

Phone (913) 483-3954

Contractor: Name: Shields Oil Producers

License: 5184

Wellsite Geologist: Francis Whisler

Designate Type of Completion

New Well  Re-Entry  Workover

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

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

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

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

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

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

7-11-94 7-17-94 8-2-94  
Spud Date Date Reached TD Completion Date

API NO. 15- 141-20284-60-00 ORIGINAL

County Osborne

SE NW SW Sec. 2 Twp. 10 Rge. 12 X <sup>E</sup> <sub>W</sub>

1650 Feet from (S)N (circle one) Line of Section

4290 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 Sigle Trust Well # 1

Field Name Wildcat

Producing Formation Kansas City

Elevation: Ground 1821' KB 1826'

Total Depth 3401' PBDT \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 219 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 886' Feet

If Alternate II completion, cement circulated from 886'

feet depth to surface w/ 125 sx cmt.

Drilling Fluid Management Plan ALT II 1-9-96 JK  
(Data must be collected from the Reserve Pit)

Chloride content 60,000 ppm Fluid volume 370 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite:

Operator Name \_\_\_\_\_

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

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

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

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 LeRoy Holt II

Title Vice-President

Date 12-19-94

Subscribed and sworn to before me this 19<sup>th</sup> day of December, 19 94.

Notary Public Carolyn Gnad

Date Commission Expires 10-22-97

CAROLYN GNAD  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT EXPIRES 10-22-97

STATE CORPORATION COMMISSION RECEIVED  
DEC 21 1994  
12-21-94  
CONFIDENTIALITY TICKETS  
WICHITA, KANSAS

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

Operator Name Russell Oil, Inc. Lease Name Sigle Trust Well # 1  
 Sec. 2 Twp. 10 Rge. 12  East  West  
 County Osborne

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 Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey                     | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Name                                    | Top                              | Datum                           |
| Cores Taken   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Anhyd.                                  | 868'                             | + 958                           |
| Electric Log Run<br>(Submit Copy.)                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Topeka                                  | 2748'                            | - 922                           |
| List All E.Logs Run: Radiation Guard<br>Cement Bond   |   | Heebner                                 | 2982'                            | -1156                           |
|   |   | Toronto                                 | 3007'                            | -1181                           |
|   |   | Kansas City                             | 3039'                            | -1213                           |
|   |   | Base KC                                 | 3370'                            | -1544                           |
|   |   | LTD                                     | 3401'                            | -1575                           |

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used  |                   |                           |                 |               |                |              |                            |
|---|-------------------|---------------------------|-----------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. |                   |                           |                 |               |                |              |                            |
| Purpose of String   | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs./Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| Surface   | 12 1/4"           | 8 5/8"                    | 20#             | 219'          | 60/40poz       | 140          | 3% C.C. gel                |
| Production  | 7 7/8"            | 4 1/2"                    | 9.5#            | 3399'         | common         | 225          | 10% salt                   |

new used

| ADDITIONAL CEMENTING/SQUEEZE RECORD               |                  |                |             |                            |
|---|------------------|----------------|-------------|----------------------------|
| Purpose:  | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate                | 3087-91          | common         | 150         | none                       |
| <input type="checkbox"/> Protect Casing           | 3100-02          |                |             |                            |
| <input type="checkbox"/> Plug Back TD             |                  |                |             |                            |
| <input checked="" 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 |
|----------------|---|---------|---|-----------------|-------|
|                | 2   | 3087-91 |   | 500 gal. 15% NE |       |
| 2              | 3100-02   |         | squeeze as shown above  |                 |       |
| 4              | 3088-90 re-perf zone  |         | 500 gal. 15% NE   |                 |       |

|                      |                |                 |                   |   |
|----------------------|----------------|-----------------|-------------------|---|
| <b>TUBING RECORD</b> | Size<br>2 3/8" | Set At<br>3295' | Packer At<br>none | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|----------------------|----------------|-----------------|-------------------|---|

Date of First, Resumed Production, SWD or Inj. 8-3-94 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

|                                   |                     |                  |                      |               |                    |
|-----------------------------------|---------------------|------------------|----------------------|---------------|--------------------|
| Estimated Production Per 24 Hours | Oil Bbls. <u>42</u> | Gas Mcf <u>0</u> | Water Bbls. <u>4</u> | Gas-Oil Ratio | Gravity <u>35°</u> |
|-----------------------------------|---------------------|------------------|----------------------|---------------|--------------------|

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval 3088-90'

# TR. LOBITE TESTING, L.L.C. ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data API# 15-141-20284-00-00

Well Name SIGLE TRUST #1 Test No. 1 Date 7/16/94  
Company RUSSELL OIL, INC. Zone LKC  
Address P.O. BOX 272 RUSSELL KS 67665 Elevation 1827 GL  
Co. Rep./Geo. FRANCIS WHISLER Cont. SHIELDS DRLG Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 2 Twp. 10S Rge. 12W Co. OSBORNE State KS

|                     |                  |                             |                          |
|---------------------|------------------|-----------------------------|--------------------------|
| Interval Tested     | <u>3043-3080</u> | Drill Pipe Size             | <u>4.5" FH</u>           |
| Anchor Length       | <u>37</u>        | Wt. Pipe I.D. - 2.7 Ft. Run | <u>882</u>               |
| Top Packer Depth    | <u>3038</u>      | Drill Collar - 2.25 Ft. Run | _____                    |
| Bottom Packer Depth | <u>3043</u>      | Mud Wt.                     | <u>8.8</u> lb/Gal.       |
| Total Depth         | <u>3080</u>      | Viscosity                   | <u>48</u> Filtrate _____ |

Tool Open @ 7:02 A.M. Initial Blow 1/2" BLOW BUILDING TO 7"

Final Blow 1" BLOW BUILDING TO BOTTOM OF BUCKET IN  
41 MIN (SURFACE BLOW ON SHUT-IN)

Recovery - Total Feet 100 Flush Tool? NO

|                 |         |                                    |
|-----------------|---------|------------------------------------|
| Rec. <u>200</u> | Feet of | <u>GAS IN PIPE</u>                 |
| Rec. <u>100</u> | Feet of | <u>MUD CUT OIL 50% OIL/50% MUD</u> |
| Rec. _____      | Feet of | _____                              |
| Rec. _____      | Feet of | _____                              |
| Rec. _____      | Feet of | _____                              |

BHT 96 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides \_\_\_\_\_ ppm System

(A) Initial Hydrostatic Mud 1422.5 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 37.7 PSI @ (depth) 3049 w / Clock No. 25109

(C) First Final Flow Pressure 41.4 PSI AK1 Recorder No. 24174 Range 3050

(D) Initial Shut-in Pressure 1111.0 PSI @ (depth) 3076 w / Clock No. 23839

(E) Second Initial Flow Pressure 69.7 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

(F) Second Final Flow Pressure 64.5 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure 1138.2 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 1442.8 PSI Initial Shut-in 30 Final Shut-in 60

Our Representative PAUL SIMPSON

RECEIVED  
STATE CORPORATION COMMISSION  
DEC 21 1994  
CONSERVATION DIVISION  
WICHITA, KANSAS

# TRILOBITE TESTING, L.L.C.

ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data API #15-141-20284-00-00

Well Name SIGLE TRUST #1 Test No. 2 Date 7/16/94  
 Company RUSSELL OIL, INC. Zone LKC 'C'  
 Address P.O. BOX 272 RUSSELL KS 67665 Elevation 1827 GL  
 Co. Rep./Geo. FRANCIS WHISLER Cont. SHIELDS DRLG Est. Ft. of Pay 6  
 Location: Sec. 2 Twp. 10S Rge. 12W Co. OSBORNE State KS

|                                  |  |
|----------------------------------|--|
| Interval Tested <u>3084-3095</u> | Drill Pipe Size <u>4.5" FH</u>         |
| Anchor Length <u>11</u>          | Wt. Pipe I.D. - 2.7 Ft. Run <u>882</u> |
| Top Packer Depth <u>3079</u>     | Drill Collar - 2.25 Ft. Run _____      |
| Bottom Packer Depth <u>3084</u>  | Mud Wt. <u>8.9</u> lb/Gal.             |
| Total Depth <u>3095</u>          | Viscosity <u>42</u> Filtrate <u>8</u>  |

Tool Open @ 5:56 P.M. Initial Blow 1" BLOW BUILDING TO BOTTOM OF BUCKET IN 10 MIN (SURFACE BLOW ON SHUT-IN)  
 Final Blow 1 1/2" BLOW BUILDING TO BOTTOM OF BUCKET IN 10 MIN

Recovery - Total Feet 220 Flush Tool? NO

Rec. 730 Feet of GAS IN PIPE  
 Rec. 160 Feet of GASSY OIL 5% GAS/ 95% OIL  
 Rec. 60 Feet of MUDDY OIL 70% OIL/ 30% MUD  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 96 °F Gravity 36 °API @ 80 °F Corrected Gravity 34 °API  
 RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides \_\_\_\_\_ ppm System

(A) Initial Hydrostatic Mud 1452.7 PSI AK1 Recorder No. 22150 Range 3925  
 (B) First Initial Flow Pressure 40.7 PSI @ (depth) 3086 w / Clock No. 25109  
 (C) First Final Flow Pressure 39.2 PSI AK1 Recorder No. 24174 Range 3050  
 (D) Initial Shut-in Pressure 1171.4 PSI @ (depth) 3091 w / Clock No. 23839  
 (E) Second Initial Flow Pressure 64.5 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_  
 (F) Second Final Flow Pressure 77.9 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_  
 (G) Final Shut-in Pressure 1149.5 PSI Initial Opening 15 Final Flow 45  
 (H) Final Hydrostatic Mud 1405.1 PSI Initial Shut-in 45 Final Shut-in 45

Our Representative PAUL SIMPSON

RECEIVED  
 STATE CORPORATION COMMISSION  
 DEC 21 1994  
 CONSERVATION DIVISION  
 WICHITA, KANSAS

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

15-141-20284-00-00

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

ORIGINAL

**ALLIED CEMENTING CO., INC.**

4019

Home Office P. O. Box 31

Russell, Kansas 67665

New

|                     |              |      |            |      |    |          |                          |            |         |             |         |           |          |        |          |  |
|---------------------|--------------|------|------------|------|----|----------|--------------------------|------------|---------|-------------|---------|-----------|----------|--------|----------|--|
| Date                | 7-12-94      | Sec. | 2          | Twp. | 10 | Range    | 12                       | Called Out | 8:00 AM | On Location | 9:30 AM | Job Start | 10:00 AM | Finish | 10:30 AM |  |
| Lease               | Single Trust |      | Well No.   | 1    |    | Location | Lunay SW 3 1/2 E 1 1/2 N |            | County  | Osborne     |         | State     | Kan      |        |          |  |
| Contractor          | Shields      |      |            |      |    | Owner    | Same                     |            |         |             |         |           |          |        |          |  |
| Type Job            | Surface      |      |            |      |    |          |                          |            |         |             |         |           |          |        |          |  |
| Hole Size           | 12 1/4       |      | T.D.       | 222  |    |          |                          |            |         |             |         |           |          |        |          |  |
| Csg.                | 8 5/8        |      | Depth      | 221  |    |          |                          |            |         |             |         |           |          |        |          |  |
| Tbg. Size           |              |      | Depth      |      |    |          |                          |            |         |             |         |           |          |        |          |  |
| Drill Pipe          |              |      | Depth      |      |    |          |                          |            |         |             |         |           |          |        |          |  |
| Tool                |              |      | Depth      |      |    |          |                          |            |         |             |         |           |          |        |          |  |
| Cement Left in Csg. |              |      | Shoe Joint |      |    |          |                          |            |         |             |         |           |          |        |          |  |
| Press Max.          |              |      | Minimum    |      |    |          |                          |            |         |             |         |           |          |        |          |  |
| Meas Line           |              |      | Displace   | ✓    |    |          |                          |            |         |             |         |           |          |        |          |  |
| Perf.               |              |      |            |      |    |          |                          |            |         |             |         |           |          |        |          |  |

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 listed.

Charge To: Russell Oil  
 Street: Box 272  
 City: Russell State: Kansas  
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

X *Burton Beery*  
**CEMENT**

Amount Ordered: 140 40/100 342

Consisting of

|          |           |        |
|----------|-----------|--------|
| Common   | 84 @ 5.75 | 483.00 |
| Poz. Mix | 56 @ 3.00 | 168.00 |
| Gel.     | 2 @ 9.00  | 18.00  |
| Chloride | 4 @ 25.00 | 100.00 |
| Quickset |           |        |

**EQUIPMENT**

|             |          |                |
|-------------|----------|----------------|
| No.         | Cementer | <i>MacAdoo</i> |
| Pumptrk 177 | Helper   | <i>Glenn</i>   |
| No.         | Cementer |                |
| Pumptrk     | Helper   |                |
|             | Driver   |                |
| Bulktrk 213 | Driver   | <i>Jason</i>   |
| Bulktrk     | Driver   |                |

**DEPTH of Job**

|            |              |        |
|------------|--------------|--------|
| Reference: | Pump Truck   | 430.00 |
|            | Plug         | 43.00  |
|            | 225 Per Mile | 72.00  |
|            | Sub Total    |        |
|            | Tax          |        |
|            | Total        | 545.00 |

|          |             |         |
|----------|-------------|---------|
| Handling | @ 1.00      | 140.00  |
| Mileage  | 4¢/Stk/Mile | 179.20  |
| 32       |             |         |
|          | Sub Total   |         |
|          | Total       | 1088.20 |

Floating Equipment

Remarks:

*Cement did circ.*

RECEIVED  
 STATE CORPORATION COMMISSION

DEC 21 1994  
 12-21-94  
 CONSERVATION DIVISION  
 WIGHT, KANSAS

Phone 913-460-2017, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

15-141-20248-00-00  
 Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

**ALLIED CEMENTING CO., INC.**

Home Office P. O. Box 31

Russell, Kansas 67665

4474

New

|       |         |          |   |          |                  |       |    |            |         |             |         |           |  |        |      |
|-------|---------|----------|---|----------|------------------|-------|----|------------|---------|-------------|---------|-----------|--|--------|------|
| Date  | 7-18-94 | Sec.     | 2 | Twp.     | 10               | Range | 12 | Called Out |         | On Location | 5:30 AM | Job Start |  | Finish | 9 AM |
| Lease | Single  | Well No. | 1 | Location | Luray 5N 35E 12N |       |    | County     | Osborne | State       | Kan     |           |  |        |      |

|                     |             |                |
|---------------------|-------------|----------------|
| Contractor          | Shields     |                |
| Type Job            | Prod String |                |
| Hole Size           | 7 7/8       | T.D. 3401      |
| Csg.                | 4 1/2       | Depth 3399     |
| Tbg. Size           |             | Depth          |
| Drill Pipe          |             | Depth          |
| Tool                | Port collar | Depth 886'     |
| Cement Left in Csg. |             | Shoe Joint 33' |
| Press Max.          |             | Minimum        |
| Meas Line           | ✓           | Displace       |
| Perf.               |             |                |

Owner  
 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 listed.

Charge To Russell Oil  
 Street P.O. Box 272  
 City Russell State Kan 67665  
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.  
 X Benton Beery

**CEMENT**

Amount Ordered 225 com 10% salt

|               |     |                |
|---------------|-----|----------------|
| Consisting of |     |                |
| Common        | 225 | 5.75 = 1293.75 |
| Poz. Mix      |     |                |
| Gel.          |     |                |
| Chloride      |     |                |
| Quickset      |     |                |
| Salt 22       |     | 5.25 = 115.50  |
| Sales Tax     |     |                |

|            |      |         |
|------------|------|---------|
| Handling   | 1.00 | 225.00  |
| Mileage 32 | .04  | 288.00  |
| Sub Total  |      | 1922.25 |
| Total      |      |         |

|                          |           |
|--------------------------|-----------|
| Floating Equipment 4 1/2 |           |
| 1- Guide Shoe            | \$ 109.00 |
| 1- Insert                | 169.00    |
| 9-cent                   | 477.00    |
| 1- Basket                | 113.00    |
| 1- Port Collar           | 1680.00   |
| \$ 2548.00               |           |

**EQUIPMENT**

|             |          |         |
|-------------|----------|---------|
| No.         | Cementer | McAdoo  |
| Pumptrk 153 | Helper   | Dave F  |
| No.         | Cementer |         |
| Pumptrk     | Helper   |         |
|             | Driver   | Steve W |
| Bulktrk 282 | Driver   |         |

|                     |                    |         |
|---------------------|--------------------|---------|
| <b>DEPTH of Job</b> |                    |         |
| Reference:          | Pump Truck         | 980.00  |
|                     | Plug               | 33.00   |
|                     | 2 3/4 Perm. la 32m | 22.00   |
|                     | Sub Total          | 1085.00 |
|                     | Tax                |         |
|                     | Total              |         |

Remarks: Plug Rat Hole with 15 sks  
 mouse Hole with 10 sks  
 Rotate Pipe while Cementing  
 Float Held

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

15-141-28248-00-00  
 Phone 316-886-5926, Medicine Lodge, KS  
 Phone 913-798-3843, Ness City, KS

# ALLIED CEMENTING CO., INC.

7728

Home Office P. O. Box 31

Russell, Kansas 67665

ORIGINAL

*New*

|                     |                     |      |          |      |    |          |                        |  |   |             |         |           |        |        |        |
|---------------------|---------------------|------|----------|------|----|----------|------------------------|--|---|-------------|---------|-----------|--------|--------|--------|
| Date                | 7-28-94             | Sec. | 2        | Twp. | 10 | Range    | 12                     | Called Out   | 10:00AM   | On Location | 12:30PM | Job Start | 2:00PM | Finish | 3:45PM |
| Lease               | SIGLE               |      | Well No. | #1   |    | Location | LURAY 5N 3 1/2 E 1/2 N |  |   | County      | OSBORNE | State     | KANSAS |        |        |
| Contractor          | RHIMA Well SERVICE  |      |          |      |    |          |                        | Owner  | 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. |             |         |           |        |        |        |
| Type Job            | SQUEEZE (PERF)      |      |          |      |    |          |                        | Charge To  | RUSSELL OIL   |             |         |           |        |        |        |
| Hole Size           | 4 1/2"              |      |          |      |    |          |                        | Street   | P.O. Box 272  |             |         |           |        |        |        |
| Csg.                | 2"                  |      |          |      |    |          |                        | City   | Russell State Kan 67665   |             |         |           |        |        |        |
| Tbg. Size           | (RICK)              |      |          |      |    |          |                        | The above was done to satisfaction and supervision of owner agent or contractor. |   |             |         |           |        |        |        |
| Drill Type          | REINHARDT Oil Tools |      |          |      |    |          |                        | Purchase Order No.   | X <i>[Signature]</i>  |             |         |           |        |        |        |
| Tool                | 3066                |      |          |      |    |          |                        | <b>CEMENT</b>  |   |             |         |           |        |        |        |
| Cement Left in Csg. | Shoe Joint          |      |          |      |    |          |                        | Amount Ordered   | 150 st COM.   |             |         |           |        |        |        |
| Press Max.          | Minimum             |      |          |      |    |          |                        | Consisting of  | Common 150 575 862.50   |             |         |           |        |        |        |
| Meas Line           | Displace            |      |          |      |    |          |                        | Poz. Mix   |   |             |         |           |        |        |        |
| Perf.               | @ 3087-91 3100-3102 |      |          |      |    |          |                        | Gel.   |   |             |         |           |        |        |        |

**EQUIPMENT**

|         |         |          |                    |
|---------|---------|----------|--------------------|
| Pumptrk | No. 221 | Cementer | <i>[Signature]</i> |
|         |         | Helper   | <i>[Signature]</i> |
| Pumptrk | No.     | Cementer | <i>[Signature]</i> |
|         |         | Helper   |                    |
| Bulktrk | #160    | Driver   | Paul               |
| Bulktrk |         | Driver   |                    |

**DEPTH of Job**

|            |                   |        |
|------------|-------------------|--------|
| Reference: | Pump Truck Charge | 525.00 |
|            | 235 Per mile 32m  | 72.00  |
|            | Sub Total         | 597.00 |
|            | Tax               |        |
|            | Total             |        |

|             |           |         |
|-------------|-----------|---------|
| Handling    | 100       | 150.00  |
| Mileage 32m | .04       | 192.00  |
|             | Sub Total | 1204.50 |
|             | Total     |         |

**Remarks:**

PERF @ 3087-3091 & 3100-3102. SET Packer @ 3066' load BACKSIDE & SHOT IN @ 600#. TOOK RATE DOWN TUBING @ 884/PER MIN @ #, Mixed 150SK COM. Cement, STAGGED & SQUEEZED @ 1500#. REIN Packer & WASHED TUBING CLEAN. Rechecked squeeze to 1500# & (Held) WASHED CSG CLEAN TO APPROX. 3096' CAME OUT OF HOLE w/ Packer

*[Signature]*

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

15-141-20248-00-00

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

ORIGINAL  
**ALLIED CEMENTING CO., INC.**

4045

Home Office P. O. Box 31

Russell, Kansas 67665

*New*

|       |             |          |   |          |                          |       |    |            |             |           |        |
|-------|-------------|----------|---|----------|--------------------------|-------|----|------------|-------------|-----------|--------|
| Date  | 9-1-94      | Sec.     | 2 | Twp.     | 10                       | Range | 12 | Called Out | On Location | Job Start | Finish |
|       |             |          |   |          |                          |       |    |            | 9 AM        |           | 10 AM  |
| Lease | Sigel Trust | Well No. | 1 | Location | Luray SW 3 1/2 E 1 1/2 N |       |    | County     | Osborne     | State     | Kan    |

|                     |            |                |  |
|---------------------|------------|----------------|--|
| Contractor          |            | Rapid Well Ser |  |
| Type Job            |            | Port Collar    |  |
| Hole Size           | T.D.       |                |  |
| Csg.                | 4 1/2      | Depth          |  |
| Tbg. Size           | 2"         | Depth 860'     |  |
| Drill Pipe          | Depth      |                |  |
| Tool                | Depth      |                |  |
| Cement Left in Csg. | Shoe Joint |                |  |
| Press Max.          | Minimum    |                |  |
| Meas Line           | Displace   |                |  |
| Perf.               |            |                |  |

**Owner**  
 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 listed.

**Charge To** Russell Oil Co.  
**Street** P.O. Box 272  
**City** Russell **State** Kan 67665

The above was done to satisfaction and supervision of owner agent or contractor.

**Purchase Order No.**  
 X *Jeffrey Helwig - Russell Del*

**CEMENT**

|                       |  |      |        |
|-----------------------|--|------|--------|
| <b>Amount Ordered</b> | 200 <sup>60</sup> / <sub>40</sub> 60 lb cgl      |      |        |
| <b>Consisting of</b>  | Used 125 <sup>60</sup> / <sub>40</sub> 60 lb cgl |      |        |
| Common                | 75   | 5.75 | 431.25 |
| Poz. Mix              | 50   | 3.00 | 150.00 |
| Gel.                  | 7  | 9.00 | 63.00  |
| Chloride              |  |      |        |
| Quickset              |  |      |        |

**EQUIPMENT**

|         |     |          |        |
|---------|-----|----------|--------|
| Pumptrk | No. | Cementer | McAdoo |
|         | 177 | Helper   |        |
| Pumptrk | No. | Cementer |        |
|         |     | Helper   |        |
| Bulktrk | 213 | Driver   | Paul   |
|         |     | Driver   |        |

|                  |      |           |
|------------------|------|-----------|
| <b>Handling</b>  | 1.00 | 125.00    |
| <b>Mileage</b>   | 31 m | 04 155.00 |
| <b>Sub Total</b> |      | 24.25     |
| <b>Total</b>     |      |           |

**DEPTH of Job**

|                   |                                 |        |
|-------------------|---------------------------------|--------|
| <b>Reference:</b> | Pump Truck                      | 525.00 |
|                   | <del>2</del> 2 3/4 per mile 3 m | 69.75  |
|                   | <b>Sub Total</b>                | 594.75 |
|                   | <b>Tax</b>                      |        |
|                   | <b>Total</b>                    |        |

**Remarks:**  
 Cement Did Cir.  
 Bill McAdoo Allied  
 Jay Calam Jr. Rapid Well Ser.

**Floating Equipment**

*Jeffrey Helwig*