

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL** Form ACO-1  
September 1999  
Form Must Be Typed

**WELL COMPLETION FORM**

**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 3293  
 Name: Russell Oil, Inc.  
 Address: PO Box 1469  
 City/State/Zip: Plainfield, IL 60544  
 Purchaser: Coffeyville Resources, LLC  
 Operator Contact Person: LeRoy Holt II  
 Phone: (815) 609-7000  
 Contractor: Name: Shields Oil Producers, Inc.  
 License: 5184  
 Wellsite Geologist: Todd Mogernstern  
 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: \_\_\_\_\_  
 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. \_\_\_\_\_  

|                                   |                 |   |
|-----------------------------------|-----------------|---|
| 4-11-2006                         | 4-18-2006       | 5-5-2006                                |
| Spud Date or<br>Recompletion Date | Date Reached TD | Completion Date or<br>Recompletion Date |

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**WICHITA, KS**

API No. 15 - 065-23164-00-00  
 County: Graham  
 Sec. 36 Twp. 10 S. R. 23  East  West  
1300 feet from S / N (circle one) Line of Section  
1460 feet from E / W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: McCall Well #: 1-36  
 Field Name: Echo (New field discovery well)  
 Producing Formation: Lansing- Kansas City  
 Elevation: Ground: 2263' Kelly Bushing: 2268'  
 Total Depth: 4090' Plug Back Total Depth: 4046'  
 Amount of Surface Pipe Set and Cemented at 219' Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set 1777' Feet  
 If Alternate II completion, cement circulated from 1777'  
 feet depth to surface w/ 200 sx cmt.

**Drilling Fluid Management Plan**  
 (Data must be collected from the Reserve Pit) **ALT II WITHM 8-7-07**  
 Chloride content 28000 ppm Fluid volume 900 bbls  
 Dewatering method used evaporation  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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: 8-7-2006  
 Subscribed and sworn to before me this 7 day of August,  
 2006.  
 Notary Public: Patti Holt  
 Date Commission Expires: 7-23-2008



**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Russell Oil, Inc. Lease Name: McCall Well #: 1-36  
 Sec. 36 Twp. 10 S. R. 23  East  West County: Graham

**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:

Radiation Guard, Micro-Log, BH Comp. Sonic, Sonic Bond

Log Formation (Top), Depth and Datum  Sample

Name Top Datum

See attached geologist report for complete tops.

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| 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'          | 60/40 poz      | 160          | 3% cc., 2% gel             |
| Production  | 7 7/8"            | 5 1/2"                    | 15.5#             | 4088'         | AA-2           | 200          |                            |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD   |                  |                |             |                            |
|---|------------------|----------------|-------------|----------------------------|
| Purpose:  | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate<br><input checked="" type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> Plug Off Zone | surface-1777'    | A-Con          | 200         | PORT COLLAR                |
|   |                  |                |             |                            |

| 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 |
|----------------|---|---|-------|
| 4              | 3694-3698'  | 750 gallons 15% mud acid, 1500 gallons 28% CRA                                    |       |
|                |   |   |       |
|                |   |   |       |
|                |   |   |       |

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**WICHITA, KS**

| TUBING RECORD                                   |           | Size  | Set At      | Packer At     | Liner Run   |
|---|-----------|---|-------------|---------------|---|
|   |           | 2 3/8"  | 4040'       |               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumerd Production, SWD or Enh. |           | Producing Method  |             |               |   |
| 5-10-2006                                       |           | <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   |
|   | 65        | 0   | 0           |               | 33  |

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

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REPORT COPY

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# *GEOLOGICAL REPORT*

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*RUSSELL OIL, INC.*

McCall # 1-36  
1300' FNL & 1460' FEL  
Section 36-10S-23W  
Graham County, Kansas

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AUG 08 2006

**Todd E. Morgenstern**  
Petroleum Geologist  
Sunflower Bank Building  
P.O. Box 251  
Ellinwood, Kansas 67526

CONSERVATION DIVISION  
WICHITA, KS

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OPERATOR: Russell Oil, Inc.

WELL: McCall #1-36 *23164*  
API # 15-065-23-010-00-00

LOCATION: 1300' from the North Line  
1460' from the East Line  
Section 36-10S-23W  
Graham County, Kansas

FIELD: Wildcat

CONTRACTOR: Shields Drilling Company Inc.

DRILLING COMMENCED: 04-11-2006

DRILLING COMPLETED: 04-18-2006

DRILLING TIME: One (1) foot drilling time was recorded  
from 3200' to 4090' RTD.

SAMPLES: Samples were saved and examined from 3200'  
to 4090' RTD.

ELEVATIONS: 2263' Ground Level    2268' Kelly Bushing

MEASUREMENTS: All depths are measured from 2268' K.B.

CASING RECORD: 8 5/8" Surface Casing set @ 219' with 160 sxs. 60/40 poz  
5 1/2" Prod. Casing set @ 4088' 150 sxs AA-2 & 50 sxs scav.

FORMATION TESTING: Two (2) tests were run by Trilobite Testing, Inc

MUD: Mud-Co. (Chemical Mud)

OPEN HOLE LOGS: Log-Tech Inc. (RAG, MEL & Sonic)

PRODUCTION: Oil (Lansing-Kansas City)

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FORMATION TOPS:

| FORMATION          | SAMPLE | LOG   | DATUM  |
|--------------------|--------|-------|--------|
| ANHYDRITE          | 1757'  | 1756' | + 511' |
| BASE ANHYDRITE     | N/A'   | 1802' | + 466' |
| TOPEKA             | 3274'  | 3273' | -1005' |
| HEEBNER SHALE      | 3496'  | 3495' | -1227' |
| TORONTO            | 3518'  | 3518' | -1250' |
| LANSING            | 3532'  | 3532' | -1264' |
| MUNCIE CREEK       | 3659'  | 3657' | -1389' |
| STARK SHALE        | 3724'  | 3721' | -1453' |
| BASE KANSAS CITY   | 3757'  | 3754' | -1486' |
| CONGLOMERATE       | 3932'  | 3930' | -1662' |
| ARBUCKLE           | 4003'  | 4004' | -1736' |
| LOG TOTAL DEPTH    | 4090'  | ***** | -1822' |
| ROTARY TOTAL DEPTH | *****  | 4090' | -1822' |

SAMPLE DESCRIPTIONS AND TEST DATA:

**TOPEKA:**

3308-3316 Limestone, cream, tan and white, finely crystalline, chalky, slightly fossiliferous, no shows of oil were noted.

3440-3448 Limestone, cream and tan, finely crystalline, fossiliferous, slightly oolitic, chalky in part, no shows of oil were noted.

3462-3468 Limestone, gray, finely crystalline, oolitic, chalky, no shows of oil were noted.

**TORONTO:**

3518-3526 Limestone, gray and cream, finely crystalline, mostly dense, with poor visible porosity, minor tan and bone chert, no shows of oil were noted.

**LANSING:**

3534-3540 Limestone, cream and white, finely crystalline, oolitic and slightly oolitic, with scattered vugular porosity, trace of spotted staining, no show of free oil.

3570-3576 Limestone, cream and tan, finely crystalline, slightly oolitic, chalky in part, with fair visible interparticle porosity, rare staining, no show of free oil, no odor.

- 3586-3594 Limestone, cream, tan and gray, finely crystalline, slightly fossiliferous and oolitic, chalky, with poor visible porosity, light spotted staining, slight show of free oil on break, no odor.
- 3610-3614 Limestone, gray and tan, dense, finely crystalline, with poor visible intercrystalline porosity, no shows of oil were noted.
- 3619-3626 Limestone, cream and tan, finely crystalline, fossiliferous, with fair visible interparticle porosity, scattered spotted staining, very slight show of oil on break, no odor.
- 3633-3642 Limestone, gray and tan, finely crystalline, microfossiliferous, slightly oolitic, chalky in part, with fair visible porosity, no shows of oil were noted.
- 3670-3678 Limestone, white and cream, finely crystalline, slightly vugular, with trace of dead staining, poor porosity, no shows of oil were noted.
- 3692-3698 Limestone, tan and white, finely crystalline, fossiliferous, with a few pieces having complete saturation, fair interparticle porosity, no show of free oil, no odor. (Covered by D.S.T. No. 1)
- 3704-3710 Limestone, white and tan, finely crystalline, slightly fossiliferous, mostly dense, chalky in part, with poor visible porosity, no shows of oil were noted. (Covered by D.S.T. No. 1)

| <b>FORMATION TEST NO. 1</b>                                |   |                 |              |
|--|---|-----------------|--------------|
| Lansing-K.C (160' & 180' Zones)<br>Tested from 3686'-3725' |   |                 |              |
| <i>Strong-BOB in 3 min.</i>                                | 45 min.   | I.H.P.          | 1835#        |
| <i>BOB in 6 min.</i>                                       | 45 min.   | I.F.P.          | 56# -304#    |
| <i>BOB instantly</i>                                       | 45 min.   | <u>I.S.I.P.</u> | <u>1133#</u> |
| <i>BOB in 6 min.</i>                                       | 45 min.   | F.F.P.          | 322# -455#   |
|  |   | F.S.I.P.        | <u>1055#</u> |
|  |   | F.H.P.          | 1811#        |
| <b>(SEE PRESSURE CHARTS AT END OF REPORT)</b>              |   |                 |              |
| RECOVERY:  | 2139' Gas in Pipe<br>1457' Clean Gassy Oil (31 Gravity) |                 |              |
| TEMPERATURE:   | N/A   |                 |              |
| CHLORIDES:   | N/A ppm (Recovery) 4,100 ppm (System)                   |                 |              |

- 3728-3733 Limestone, gray and tan, fossiliferous and oolitic, with poor visible interoolitic porosity, slight spotted staining, with very slight show of heavy, free oil on break, no odor. (Covered by D.S.T. No. 2)

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| <u>FORMATION TEST NO. 2</u>                        |                                       |                 |            |
|--|---------------------------------------|-----------------|------------|
| Lansing-K.C (200' Zone)<br>Tested from 3722'-3742' |                                       |                 |            |
|  |                                       | I.H.P.          | 1813#      |
| Weak Blow, Died in 25 min.                         | 30 min.                               | I.F.P.          | 10# -10#   |
| No blow-back                                       | 30 min.                               | <u>I.S.I.P.</u> | <u>12#</u> |
| No blow  | 30 min.                               | F.F.P.          | 10# -10#   |
| No blow-back                                       | 30 min.                               | F.S.I.P.        | <u>12#</u> |
|  |                                       | F.H.P.          | 1778#      |
| (SEE PRESSURE CHARTS AT END OF REPORT)             |                                       |                 |            |
| RECOVERY:  | 1' Drilling Mud                       |                 |            |
| TEMPERATURE:                                       | 103*                                  |                 |            |
| CHLORIDES:   | N/A ppm (Recovery) 4,100 ppm (System) |                 |            |

**CONGLOMERATE:**

3930-3946 Varied colored chert and shale.

3951-3970 Chert, mostly white to varied colored, mostly fresh, no shows of oil were noted.

**ARBUCKLE:**

4004-4018 Dolomite, gray and white, fine to medium crystalline, with poor to fair visible intercrystalline porosity, no shows of oil were noted.

4021-4035 Dolomite, gray and white, fine to coarsely crystalline, with fair to good visible intercrystalline porosity, no shows of oil were noted.


**SUMMARY:**

The No. 1-36 McCall was under geological supervision from 3250' to 4090' RTD. With the positive structural position and results of D.S.T. No. 1, it was decided to run 5 1/2" production casing and complete this well through perforations.

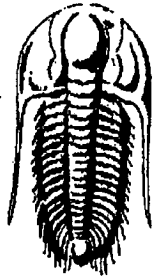
**RECOMMENDED PERFORATIONS:**

3694-3698 (Lansing 160' Zone)  
3620-3624 (Lansing 90' Zone)

Respectfully submitted,

  
Todd E. Morgenstern

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**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Russell Oil Inc**

PO Box 1469  
Plainfield IL 60544

ATTN: Russell Oil Inc

**36 10 23 Graham KS**

**McCall #1-36**

Start Date: 2006.04.16 @ 07:00:54

End Date: 2006.04.16 @ 15:25:18

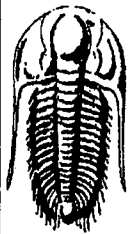
Job Ticket #: 24719                      DST #: 1

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

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WICHITA, KS

Russell Oil Inc  
McCall #1-36  
36 10 23 Graham KS  
DST # 1  
LKC 'I-J'  
2006.04.16





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Russell Oil Inc

PO Box 1469  
Plainfield IL 60544

ATTN: Russell Oil Inc

McCall #1-36

36 10 23 Graham KS

Job Ticket: 24719

DST#: 1

Test Start: 2006.04.16 @ 07:00:54

### GENERAL INFORMATION:

Formation: **LKC 'I-J'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:42:04

Time Test Ended: 15:25:18

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 25

Interval: **3686.00 ft (KB) To 3725.00 ft (KB) (TVD)**

Total Depth: 3725.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2268.00 ft (KB)

2263.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **6667**

Inside

Press@RunDepth: 455.47 psig @ 3687.00 ft (KB)

Start Date: 2006.04.16

End Date:

2006.04.16

Start Time: 07:00:54

End Time:

15:20:18

Capacity: 7000.00 psig

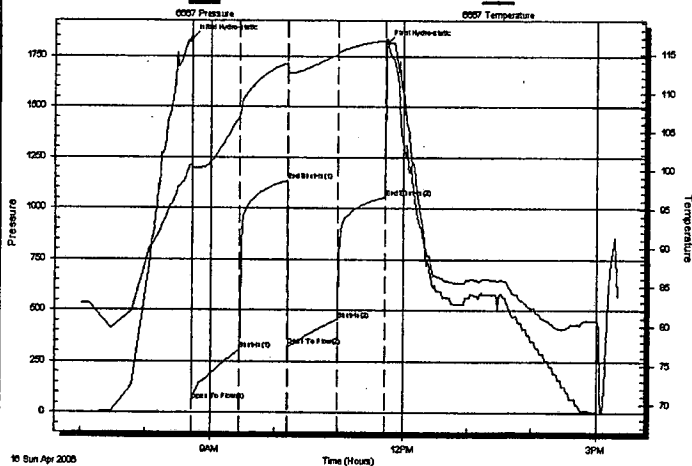
Last Calib.: 2006.04.16

Time On Btm: 2006.04.16 @ 08:41:49

Time Off Btm: 2006.04.16 @ 11:44:04

TEST COMMENT: BOB in 3"  
BOB return blow in 6"  
BOB @ open  
BOB return blow in 6"

Pressure vs. Time



PRESSURE SUMMARY

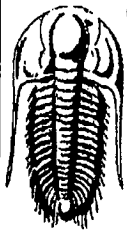
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1835.25         | 100.71       | Initial Hydro-static |
| 1           | 56.21           | 100.30       | Open To Flow (1)     |
| 45          | 304.83          | 106.98       | Shut-in(1)           |
| 89          | 1133.76         | 113.78       | End Shut-in(1)       |
| 91          | 322.92          | 112.81       | Open To Flow (2)     |
| 137         | 455.47          | 114.91       | Shut-in(2)           |
| 182         | 1055.82         | 116.72       | End Shut-in(2)       |
| 183         | 1811.05         | 116.95       | Final Hydro-static   |

Recovery

| Length (ft) | Description          | Volume (bbl) |
|-------------|----------------------|--------------|
| 1395.00     | CGO 30%G 70%O        | 19.57        |
| 62.00       | SMCGO 10%M 30%G 60%O | 0.87         |
|             |                      |              |
|             |                      |              |
|             |                      |              |

Gas Rates

|  | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
|  |                |                 |                  |



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Russell Oil Inc

McCall #1-36

PO Box 1469  
 Plainfield IL 60544

36 10 23 Graham KS

Job Ticket: 24719

DST#: 1

ATTN: Russell Oil Inc

Test Start: 2006.04.16 @ 07:00:54

**Tool Information**

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 3694.00 ft | Diameter: 3.80 inches | Volume: 51.82 bbl              | Tool Weight: 1500.00 lb            |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 0.00 inches | Volume: 0.00 bbl               | Weight set on Packer: 20000.00 lb  |
| Drill Collar:             | Length: 0.00 ft    | Diameter: 0.00 inches | Volume: 0.00 bbl               | Weight to Pull Loose: 50000.00 lb  |
|                           |                    |                       | <u>Total Volume: 51.82 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 28.00 ft           |                       |                                | String Weight: Initial 32000.00 lb |
| Depth to Top Packer:      | 3686.00 ft         |                       |                                | Final 36000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 39.00 ft           |                       |                                |                                    |
| Tool Length:              | 59.00 ft           |                       |                                |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                                |                                    |

Tool Comments:

| Tool Description          | Length (ft)  | Serial No. | Position | Depth (ft) | Accum. Lengths                |
|---------------------------|--------------|------------|----------|------------|-------------------------------|
| Change Over Sub           | 1.00         |            |          | 3667.00    |                               |
| Shut In Tool              | 5.00         |            |          | 3672.00    |                               |
| Hydraulic tool            | 5.00         |            |          | 3677.00    |                               |
| Packer                    | 5.00         |            | Fluid    | 3682.00    | 20.00 Bottom Of Top Packer    |
| Packer                    | 4.00         |            |          | 3686.00    |                               |
| Stubb                     | 1.00         |            |          | 3687.00    |                               |
| Recorder                  | 0.00         | 6667       | Inside   | 3687.00    |                               |
| Perforations              | 33.00        |            |          | 3720.00    |                               |
| Recorder                  | 0.00         | 11058      | Inside   | 3720.00    |                               |
| Bullnose                  | 5.00         |            |          | 3725.00    | 39.00 Bottom Packers & Anchor |
| <b>Total Tool Length:</b> | <b>59.00</b> |            |          |            |                               |



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Russell Oil Inc

**McCall #1-36**

PO Box 1469  
Plainfield IL 60544

**36 10 23 Graham KS**

Job Ticket: 24719

**DST#: 1**

ATTN: Russell Oil Inc

Test Start: 2006.04.16 @ 07:00:54

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4100.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

| Length<br>ft | Description          | Volume<br>bbl |
|--------------|----------------------|---------------|
| 1395.00      | CGO 30%G 70%O        | 19.568        |
| 62.00        | SMCGO 10%M 30%G 60%O | 0.870         |

Total Length: 1457.00 ft      Total Volume: 20.438 bbl

Num Fluid Samples: 0

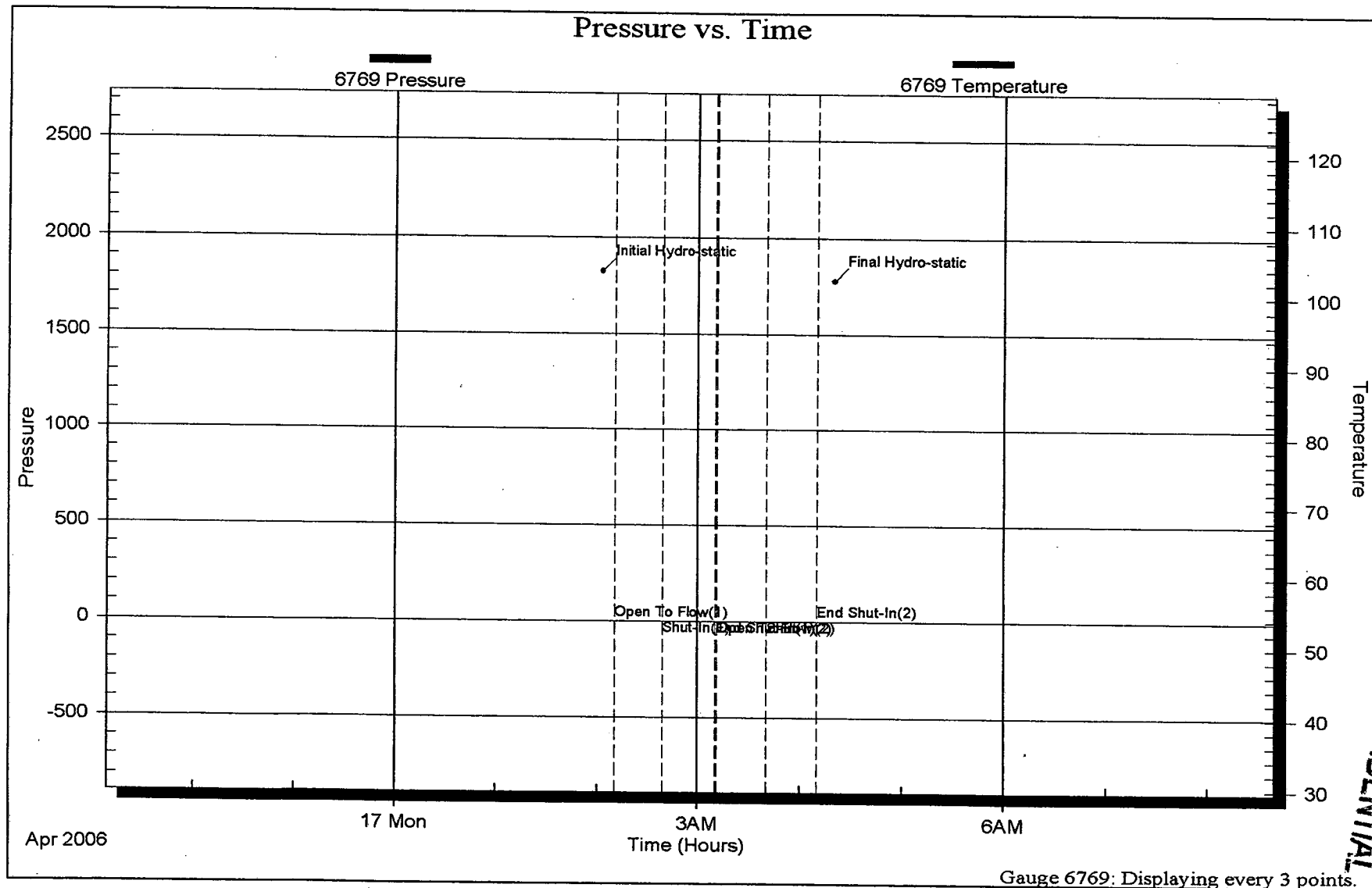
Num Gas Bombs: 0

Serial #:

Laboratory Name:

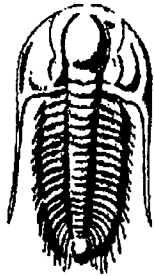
Laboratory Location:

Recovery Comments:



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**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

PO Box 1469  
Plainfield IL 60544

ATTN: Russell Oil Inc

**36 10 23 Graham KS**

**McCall #1-36**

Start Date: 2006.04.16 @ 23:56:25

End Date: 2006.04.17 @ 05:51:38

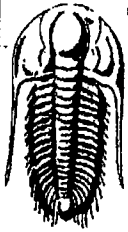
Job Ticket #: 24776                      DST #: 2

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

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**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Russell Oil Inc

McCall #1-36

PO Box 1469  
Plainfield IL 60544

36 10 23 Graham KS

Job Ticket: 24776

DST#: 2

ATTN: Russell Oil Inc

Test Start: 2006.04.16 @ 23:56:25

### GENERAL INFORMATION:

Formation: 200'  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 02:10:23  
Time Test Ended: 05:51:38

Test Type: Conventional Bottom Hole  
Tester: Brian Fairbank  
Unit No: 24

Interval: 3722.00 ft (KB) To 3742.00 ft (KB) (TVD)  
Total Depth: 3742.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good

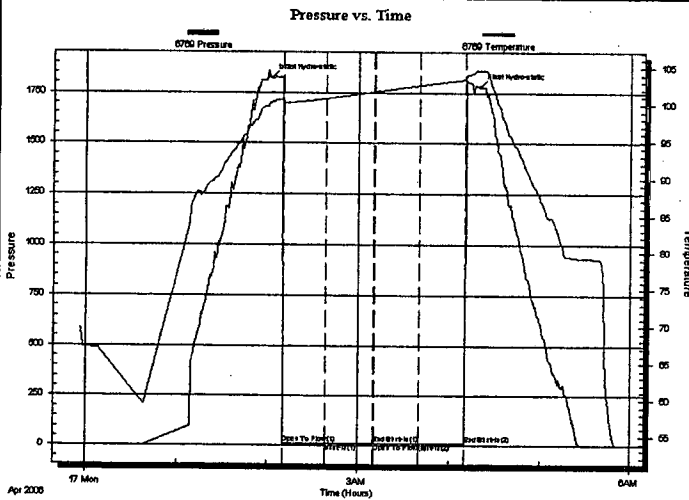
Reference Elevations: 2268.00 ft (KB)  
2263.00 ft (CF)  
KB to GR/CF: 5.00 ft

Serial #: 6769 Inside

Press@RunDepth: 10.38 psig @ 3724.01 ft (KB)  
Start Date: 2006.04.16 End Date: 2006.04.17  
Start Time: 23:56:25 End Time: 05:51:38

Capacity: 7000.00 psig  
Last Calib.: 2006.04.17  
Time On Btm: 2006.04.17 @ 02:02:23  
Time Off Btm: 2006.04.17 @ 04:19:38

TEST COMMENT: IFP Weak blow throughout died after 25" sur 1/4in  
ISI No blow back  
FFP No blow  
FSI No blow back



### PRESSURE SUMMARY

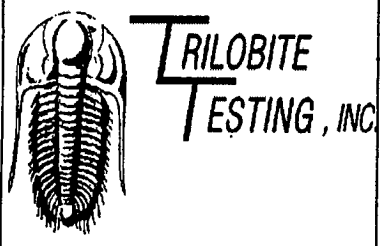
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1823.20         | 100.31       | Initial Hydro-static |
| 8           | 9.64            | 100.05       | Open To Flow (1)     |
| 37          | 10.37           | 100.81       | Shut-In (1)          |
| 68          | 11.55           | 101.73       | End Shut-In (1)      |
| 69          | 10.46           | 101.75       | Open To Flow (2)     |
| 98          | 10.38           | 102.61       | Shut-In (2)          |
| 128         | 11.87           | 103.41       | End Shut-In (2)      |
| 138         | 1778.20         | 104.60       | Final Hydro-static   |

### Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 1.00        | M 100%M     | 0.00         |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

### Gas Rates

| Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|-----------------|------------------|
|                |                 |                  |



## DRILL STEM TEST REPORT

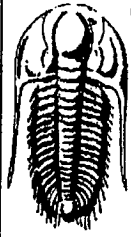
|  |   |
|--|---|
| Russell Oil Inc<br><br>PO Box 1469<br>Plainfield IL 60544<br><br>ATTN: Russell Oil Inc | McCall #1-36<br><br>36 10 23 Graham KS<br>Job Ticket: 24776 <b>DST#: 2</b><br><br>Test Start: 2006.04.16 @ 23:56:25 |
|--|---|

### Tool Information

|  |  |   |
|--|--|---|
| Drill Pipe:      Length: 3355.00 ft    Diameter: 3.80 inches<br>Heavy Wt. Pipe: Length: 370.00 ft    Diameter: 2.25 inches<br>Drill Collar:    Length: 0.00 ft      Diameter: 2.25 inches  | Volume: 47.06 bbl<br>Volume: 1.82 bbl<br>Volume: 0.00 bbl<br><hr/> Total Volume: 48.88 bbl | Tool Weight: 2500.00 lb<br>Weight set on Packer: 25000.00 lb<br>Weight to Pull Loose: 40000.00 lb<br>Tool Chased 0.00 ft<br>String Weight: Initial 32000.00 lb<br>Final 33000.00 lb |
| Drill Pipe Above KB: 23.00 ft<br>Depth to Top Packer: 3722.00 ft<br>Depth to Bottom Packer: ft<br>Interval between Packers: 20.02 ft<br>Tool Length: 40.02 ft<br>Number of Packers: 2      Diameter: 6.75 inches<br>Tool Comments: |  |   |

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|----------------|
|------------------|-------------|------------|----------|------------|----------------|

|                           |              |       |         |         |                                    |
|---------------------------|--------------|-------|---------|---------|------------------------------------|
| S.I. Tool                 | 5.00         |       |         | 3707.00 |                                    |
| HYD S.I. Tool             | 5.00         |       |         | 3712.00 |                                    |
| Packer                    | 5.00         |       |         | 3717.00 | 20.00      Bottom Of Top Packer    |
| Packer                    | 5.00         |       |         | 3722.00 |                                    |
| Stubb                     | 1.00         |       |         | 3723.00 |                                    |
| Perforations              | 1.00         |       |         | 3724.00 |                                    |
| Recorder                  | 0.01         | 6769  | Inside  | 3724.01 |                                    |
| Perforations              | 15.00        |       |         | 3739.01 |                                    |
| Recorder                  | 0.01         | 13548 | Outside | 3739.02 |                                    |
| Bullnose                  | 3.00         |       |         | 3742.02 | 20.02      Bottom Packers & Anchor |
| <b>Total Tool Length:</b> | <b>40.02</b> |       |         |         |                                    |



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Russell Oil Inc

**McCall #1-36**

PO Box 1469  
Plainfield IL 60544

**36 10 23 Graham KS**

Job Ticket: 24776

**DST#: 2**

ATTN: Russell Oil Inc

Test Start: 2006.04.16 @ 23:56:25

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4100.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

| Length<br>ft | Description | Volume<br>bbl |
|--------------|-------------|---------------|
| 1.00         | M 100%M     | 0.005         |

Total Length: 1.00 ft      Total Volume: 0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

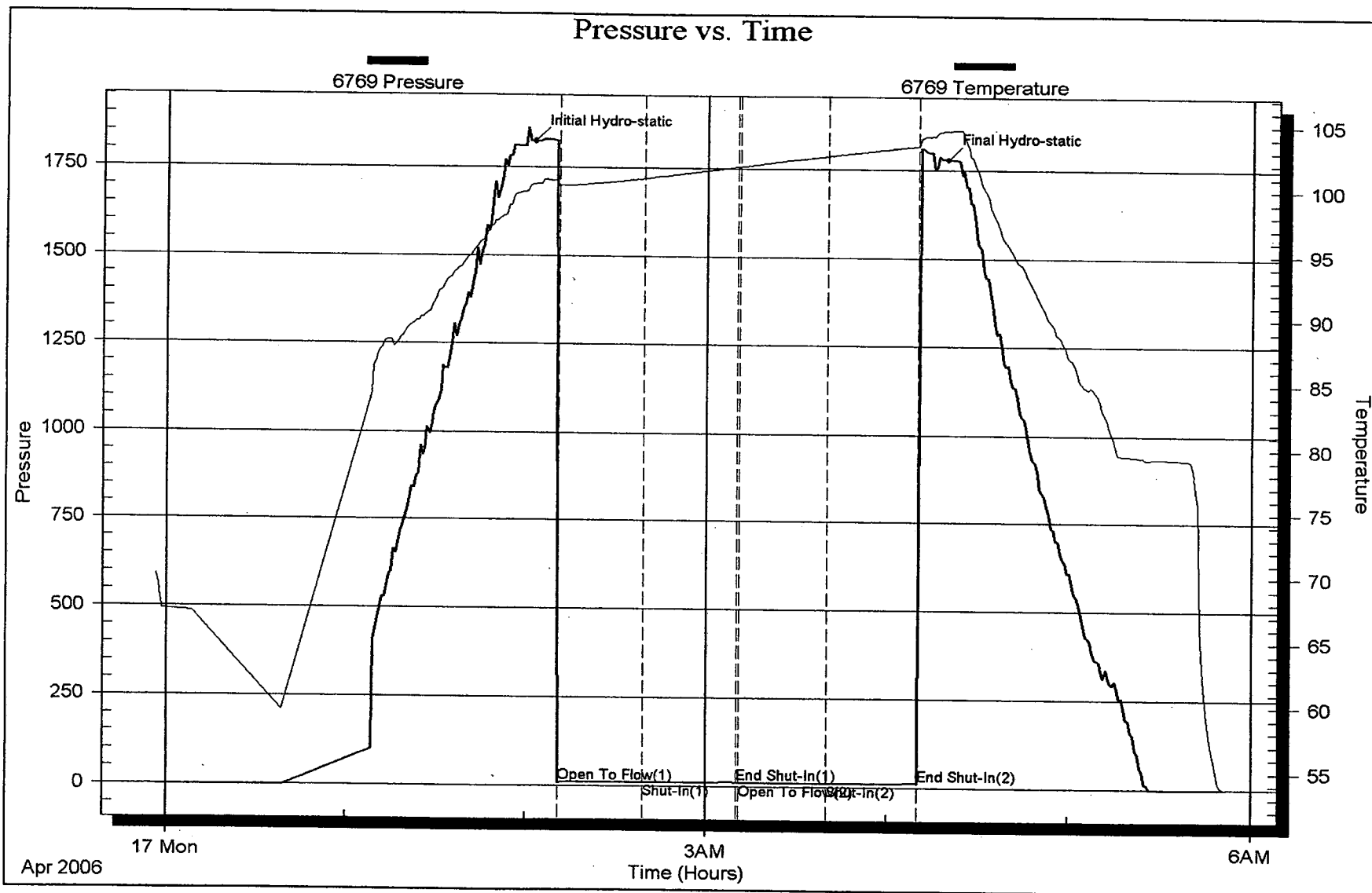
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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**TREATMENT REPORT**

**CONFIDENTIAL**

|   |                                  |  |
|---|----------------------------------|--|
| Customer<br><i>Russell Oil</i>          | Lease No.<br><b>CONFIDENTIAL</b> | Date<br><i>5-5-06</i>                  |
| Lease<br><i>McCall</i>                  | Well #<br><i>1-36</i>            |  |
| Field Order #<br><i>13203</i>           | Station<br><i>Pratt</i>          | Casing<br><i>5 1/2</i>                 |
| Type Job<br><i>Port Collar New Well</i> | Formation                        | Legal Description<br><i>36-105-23w</i> |
|   | Depth                            | County<br><i>Graham</i>                |
|   |                                  | State<br><i>Ks.</i>                    |

| PIPE DATA       |              | PERFORATING DATA |    | FLUID USED         |            | TREATMENT RESUME |                  |  |
|-----------------|--------------|------------------|----|--------------------|------------|------------------|------------------|--|
| Casing Size     | Tubing Size  | Shots/Ft         |    | Acid               | RATE       | PRESS            | ISIP             |  |
| <i>5 1/2</i>    | <i>2 3/8</i> | <i>Cent.-</i>    |    | <i>200% A-lean</i> |            |                  |                  |  |
| Depth           | Depth        | From             | To | Pre Pad            | Max        |                  | 5 Min.           |  |
| Volume          | Volume       | From             | To | Pad                | Min        |                  | 10 Min.          |  |
| Max Press       | Max Press    | From             | To | Frac               | Avg        |                  | 15 Min.          |  |
| Well Connection | Annulus Vol. | From             | To |                    | HHP Used   |                  | Annulus Pressure |  |
| Plug Depth      | Packer Depth | From             | To | Flush              | Gas Volume |                  | Total Load       |  |

|  |                                      |                               |
|--|--------------------------------------|-------------------------------|
| Customer Representative<br><i>Leroy Holt</i> | Station Manager<br><i>Dave Scott</i> | Treater<br><i>Bobby Drake</i> |
| Service Units<br><i>123</i>                  | <i>305</i>                           | <i>303</i>                    |
| Driver Names<br><i>Drake</i>                 | <i>Rose</i>                          | <i>Andrew</i>                 |

| Time         | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate       | Service Log                              |
|--------------|-----------------|-----------------|--------------|------------|--|
| <i>12:30</i> |                 |                 |              |            | <i>On location - Safety Meeting</i>      |
| <i>1:38</i>  |                 | <i>300</i>      |              | <i>5.5</i> | <i>Pump H2O to circ. oil out of Hole</i> |
| <i>1:50</i>  |                 | <i>800</i>      | <i>55</i>    | <i>4.7</i> | <i>Circulation</i>                       |
| <i>2:04</i>  |                 |                 | <i>120</i>   |            | <i>Oil Clean - Shut Down</i>             |
| <i>3:10</i>  |                 | <i>1000</i>     |              |            | <i>Test Plug</i>                         |
| <i>3:15</i>  |                 |                 |              |            | <i>Open Port Collar</i>                  |
| <i>3:20</i>  |                 | <i>250</i>      |              | <i>2.0</i> | <i>Pump H2O</i>                          |
| <i>3:27</i>  |                 | <i>300</i>      | <i>15</i>    | <i>3.0</i> | <i>Mix Cement @ 11.6#/gal</i>            |
| <i>4:00</i>  |                 | <i>500</i>      | <i>110</i>   | <i>3.0</i> | <i>Cement Circulated to pit</i>          |
| <i>4:04</i>  |                 | <i>650</i>      | <i>115</i>   | <i>2.0</i> | <i>Start Disp.</i>                       |
| <i>4:08</i>  |                 | <i>300</i>      | <i>8.5</i>   |            | <i>Shut Down</i>                         |
| <i>4:00</i>  |                 |                 |              |            | <i>Close Port Collar</i>                 |
| <i>4:12</i>  |                 | <i>1000</i>     |              |            | <i>Test</i>                              |
| <i>4:15</i>  |                 |                 |              |            | <i>Run 5jts</i>                          |
| <i>4:20</i>  |                 | <i>500</i>      | <i>13</i>    | <i>3.0</i> | <i>Reverse Out</i>                       |
| <i>4:29</i>  |                 |                 | <i>18</i>    |            | <i>Shut Down</i>                         |
|              |                 |                 |              |            | <i>Job Complete</i>                      |

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WICHITA, KS

*Thanks, Bobby*



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**TREATMENT REPORT**

|                                    |                                  |  |
|------------------------------------|----------------------------------|--|
| Customer<br><b>Russell Oil Inc</b> | Lease No.<br><b>CONFIDENTIAL</b> | Date<br><b>4-18-06</b>                 |
| Lease<br><b>mccall</b>             | Well #<br><b>1-36</b>            |  |
| Field Order #<br><b>12652</b>      | Station<br><b>Pratt</b>          | Casing<br><b>5 1/2</b>                 |
|                                    |                                  | Depth<br><b>4088</b>                   |
| Type Job<br><b>Longstring u.w.</b> | Formation                        | County<br><b>Graham</b>                |
|                                    |                                  | State<br><b>KS</b>                     |
|                                    |                                  | Legal Description<br><b>36-105-23w</b> |

| PIPE DATA                   |                      | PERFORATING DATA        |                 | FLUID USED                               |                      | TREATMENT RESUME     |                  |
|-----------------------------|----------------------|-------------------------|-----------------|--|----------------------|----------------------|------------------|
| Casing Size<br><b>5 1/2</b> | Tubing Size          | Shots/Ft<br><b>1.44</b> | <b>15.0</b>     | Acid<br><b>150ski AA-2 108 salts #67</b> | #RATE<br><b>1500</b> | PRESS<br><b>1500</b> | ISIP             |
| Depth<br><b>4059</b>        | Depth<br><b>PBTD</b> | From                    | To              | Pre Pad<br><b>.8 FLA-322 .75GB</b>       | Max<br><b>125CF</b>  |                      | 5 Min.           |
| Volume<br><b>96.6</b>       | Volume               | From                    | To              | Pad #<br><b>3 #61</b>                    | Min                  |                      | 10 Min.          |
| Max Press                   | Max Press            | From<br><b>2.0</b>      | To<br><b>11</b> | Frac<br><b>50ski Scavenger</b>           | Avg                  |                      | 15 Min.          |
| Well Connection             | Annulus Vol.         | From                    | To              |  | HHP Used             |                      | Annulus Pressure |
| Plug Depth                  | Packer Depth         | From                    | To              | Flush<br><b>H2O</b>                      | Gas Volume           |                      | Total Load       |

|  |                                   |                          |
|--|-----------------------------------|--------------------------|
| Customer Representative<br><b>Bart</b> | Station Manager<br><b>D Scott</b> | Treater<br><b>Scotty</b> |
|--|-----------------------------------|--------------------------|

|                              |                |            |                 |  |  |  |  |  |  |
|------------------------------|----------------|------------|-----------------|--|--|--|--|--|--|
| Service Units<br><b>124</b>  | <b>226</b>     | <b>381</b> | <b>572</b>      |  |  |  |  |  |  |
| Driver Names<br><b>Scott</b> | <b>Anthony</b> | <b>E</b>   | <b>McKalsky</b> |  |  |  |  |  |  |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log  |
|------|-----------------|-----------------|--------------|------|--|
| 1900 |                 |                 |              |      | On Loc w/ Trks Safety mtg<br>G.S. Bottom ISFV top SJ<br>Cent 1-3-6-9-10-11-12-13-14-15<br>Basket's 7x49 P.C. Top 49 = 1823'<br>Csg on Bottom Drop Ball + Circ w/ Rig |
| 2423 | 200             |                 | 24           | 5    | St Super Flush II  |
| 2428 | 200             |                 | 3            | 5    | H2O spacer   |
| 2431 | 300             |                 | 8            | 5    | mix 25ski Scavenger Cmt @ 11.0 ppg   |
| 2432 | 300             |                 | 37.4         | 4.7  | mix Tail Cmt @ 13.0 ppg 150ski   |
| 2441 | Ø               |                 | 10           | 5    | Close In Wash Pump + line  |
| 2443 | 100             |                 |              | 6    | Release Plug & St Disp w/ H2O  |
| 2452 | 400             |                 | 62           | 6    | 62 Bbl's Disp Out 2.4ft Cmt  |
| 2458 | 1100            |                 | 96.8         | Ø    | Plug Down & psi Test Csg   |
| 2459 | Ø               |                 |              |      | Release psi float Held<br>Good Circ Thru Job<br>Rotated Csg  |

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WICHITA, KS

Plug R. H. a m. H. w/ 25 skipoz  
Job Complete  
Thank you  
Scotty

# ALLIED CEMENTING CO., INC. 25250

Federal Tax I.D.

KCC

AUG 07 2006

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

SERVICE POINT:  
Russell

CONFIDENTIAL

|                      |              |     |        |      |    |          |                  |            |         |             |         |           |         |            |         |
|----------------------|--------------|-----|--------|------|----|----------|------------------|------------|---------|-------------|---------|-----------|---------|------------|---------|
| DATE                 | 4-11-06      | SEC | 36     | TWP  | 10 | RANGE    | 22               | CALLED OUT | 4:00 AM | ON LOCATION | 6:30 AM | JOB START | 7:00 AM | JOB FINISH | 7:30 AM |
| LEASE                | MCCALL       |     | WELL # | 1-36 |    | LOCATION | Wakeeney 6 N 2 E |            |         | COUNTY      | GRAHAM  |           | STATE   | KANSAS     |         |
| OLD OR NEW           | (Circle one) |     | NEW    |      |    |          |                  |            |         |             |         |           |         |            |         |
| IN 1/4 E 1/2 N 1/4 W |              |     |        |      |    |          |                  |            |         |             |         |           |         |            |         |

|                     |                      |            |        |                |                   |
|---------------------|----------------------|------------|--------|----------------|-------------------|
| CONTRACTOR          | Shields Dalg. Rig #2 |            | OWNER  |                |                   |
| TYPE OF JOB         | SURFACE              |            | CEMENT |                |                   |
| HOLE SIZE           | 12 1/4               | T.D.       | 222    | AMOUNT ORDERED | 165 SK Com-       |
| CASING SIZE         | 8 5/8                | DEPTH      | 219    |                | 2% GEL            |
| TUBING SIZE         | 20# CSG.             | DEPTH      |        |                | 3% CC             |
| DRILL PIPE          |                      | DEPTH      |        | COMMON         | 165 @ 960 1584.00 |
| TOOL                |                      | DEPTH      |        | POZMIX         | @                 |
| PRES. MAX           |                      | MINIMUM    |        | GEL            | 3 @ 1500 4500     |
| MEAS. LINE          |                      | SHOE JOINT |        | CHLORIDE       | 5 @ 4200 21000    |
| CEMENT LEFT IN CSG. | 15'                  |            |        | ASC            | @                 |
| PERFS.              |                      |            |        |                | @                 |
| DISPLACEMENT        | 13 1/2 / BBL         |            |        |                | @                 |

EQUIPMENT

|            |          |       |
|------------|----------|-------|
| PUMP TRUCK | CEMENTER | Glenn |
| # 398      | HELPER   | GARY  |
| BULK TRUCK |          |       |
| # 378      | DRIVER   | Doug  |
| BULK TRUCK |          |       |
| # -        | DRIVER   |       |

|          |             |   |     |         |
|----------|-------------|---|-----|---------|
| HANDLING | 173         | @ | 170 | 294.10  |
| MILEAGE  | 70 Ton Mile | @ |     | 847.00  |
| TOTAL    |             |   |     | 2980.00 |

REMARKS:

Cement CIRCULATED

*Shank*

SERVICE

|                   |    |   |            |
|-------------------|----|---|------------|
| DEPTH OF JOB      |    |   |            |
| PUMP TRUCK CHARGE |    |   | 725.00     |
| EXTRA FOOTAGE     | @  |   |            |
| MILEAGE           | 70 | @ | 500 350.00 |
| MANIFOLD          | @  |   |            |
| TOTAL             |    |   | 1025.00    |

CHARGE TO: Russell Oil Inc.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

|                  |   |  |       |
|------------------|---|--|-------|
| 8 5/8 Wiper Plug |   |  | 55.00 |
|                  | @ |  |       |
|                  | @ |  |       |
|                  | @ |  |       |
|                  | @ |  |       |
| TOTAL            |   |  | 55.00 |

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WICHITA, KS

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 Burton Beery

Burton Beery  
PRINTED NAME