



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

OPERATOR: License # \_\_\_\_\_

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

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

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

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., 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       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

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

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that 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.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1069294

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

|   |   |
|---|---|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(If no, Submit Copy)</i><br><br>List All E. Logs Run: | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>Name Top Datum |
|---|---|

| 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 |
|   |                   |                           |                   |               |                |              |                            |
|   |                   |                           |                   |               |                |              |                            |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD  |                  |                |              |                            |
|--|------------------|----------------|--------------|----------------------------|
| Purpose:   | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| _____ Perforate<br>_____ Protect Casing<br>_____ Plug Back TD<br>_____ 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><i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
|                |   |  |       |
|                |   |  |       |
|                |   |  |       |
|                |   |  |       |
|                |   |  |       |

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

|                                   |           |         |             |               |         |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|

|   |  |  |
|---|--|--|
| DISPOSITION OF GAS:<br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION:<br><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____<br><input type="checkbox"/> Other <i>(Specify)</i> _____ | PRODUCTION INTERVAL:<br>_____<br>_____ |
|---|--|--|

|           |                        |
|-----------|------------------------|
| Form      | ACO1 - Well Completion |
| Operator  | McElvain Energy, Inc.  |
| Well Name | Ninemire 1-13 #1       |
| Doc ID    | 1069294                |

Tops

| Name         | Top  | Datum |
|--------------|------|-------|
| Topeka       | 3445 | -1021 |
| Heebner      | 3663 | -1239 |
| Toronto      | 3686 | -1262 |
| Lansing      | 3699 | -1275 |
| Lansing "D"  | 3747 | -1323 |
| Lansing "H"  | 3824 | -1400 |
| Lansing "J"  | 3870 | -1446 |
| Lansing "K"  | 3885 | -1461 |
| Base Lansing | 3923 | -1499 |
| Marmaton     | 3968 | -1544 |
| Pawnee       | 4012 | -1588 |
| Cherokee     | 4050 | -1625 |
| Conglomerate | 4121 | -1697 |
| Arbuckle     | 4183 | -1759 |
| TD           | 4229 | -1805 |



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

McElvain Oil & Gas Properties

**1-10s-23w-Graham**

1050 17TH Street  
Suite 2500  
Denver, CO. 80265  
ATTN: Jeff Lawler

**Ninemire #1-13**

Job Ticket: 43500

**DST#: 3**

Test Start: 2011.10.16 @ 06:58:07

## GENERAL INFORMATION:

Formation: **J**  
 Deviated: **No** Whipstock: **ft (CF)**  
 Time Tool Opened: 08:53:22  
 Time Test Ended: 13:56:22  
 Test Type: **Conventional Bottom Hole (Reset)**  
 Tester: **Jason McLemore**  
 Unit No: **54**  
 Interval: **3869.00 ft (CF) To 3890.00 ft (CF) (TVD)**  
 Reference Elevations: **2424.00 ft (KB)**  
**Total Depth: 3890.00 ft (CF) (TVD)**  
**2419.00 ft (CF)**  
 Hole Diameter: **7.80 inches** Hole Condition: **Good**  
 KB to GR/CF: **5.00 ft**

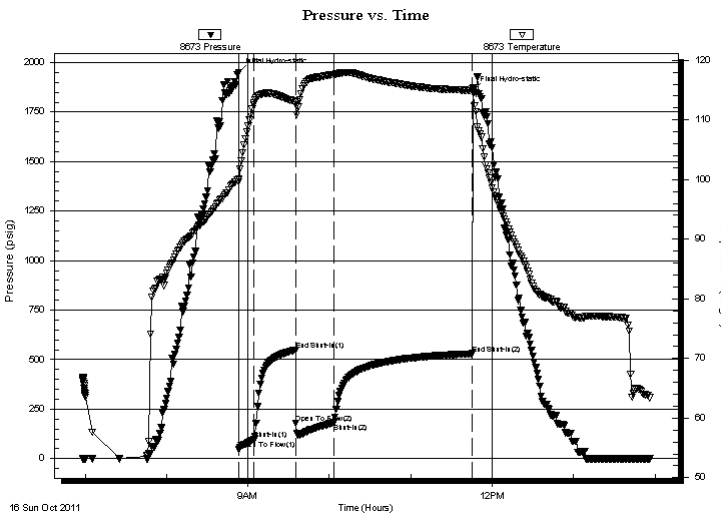
## Serial #: 8673

**Inside**

Press @ Run Depth: **181.36 psig @ 3872.00 ft (CF)** Capacity: **8000.00 psig**  
 Start Date: **2011.10.16** End Date: **2011.10.16** Last Calib.: **2011.10.16**  
 Start Time: **06:58:09** End Time: **13:56:22** Time On Btm: **2011.10.16 @ 08:53:07**  
 Time Off Btm: **2011.10.16 @ 11:45:37**

TEST COMMENT: IFP-Strong, BOB in 3 Min.  
 ISI-Blow back BOB in 16 Min.  
 FFP-Strong, BOB in 2-1/2 Min.  
 FSI-Blow back BOB in 14 Min.

## PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1950.45         | 100.04       | Initial Hydro-static |
| 1           | 48.67           | 99.66        | Open To Flow (1)     |
| 12          | 96.23           | 112.92       | Shut-In(1)           |
| 42          | 547.66          | 113.06       | End Shut-In(1)       |
| 43          | 177.94          | 112.60       | Open To Flow (2)     |
| 71          | 181.36          | 117.59       | Shut-In(2)           |
| 172         | 529.84          | 114.90       | End Shut-In(2)       |
| 173         | 1860.12         | 115.28       | Final Hydro-static   |

## Recovery

| Length (ft) | Description       | Volume (bbl) |
|-------------|-------------------|--------------|
| 105.00      | OCM-10%O-90%M     | 0.52         |
| 360.00      | Free Oil          | 4.91         |
| 0.00        | 1080' Gas In Pipe | 0.00         |
|             |                   |              |
|             |                   |              |

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

McElvain Oil & Gas Properties

**1-10s-23w-Graham**

1050 17TH Street  
Suite 2500  
Denver, CO. 80265  
ATTN: Jeff Lawler

**Ninemire #1-13**

Job Ticket: 43500

**DST#: 3**

Test Start: 2011.10.16 @ 06:58:07

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

| Length<br>ft | Description       | Volume<br>bbl |
|--------------|-------------------|---------------|
| 105.00       | OCM-10%O-90%M     | 0.516         |
| 360.00       | Free Oil          | 4.913         |
| 0.00         | 1080' Gas In Pipe | 0.000         |

Total Length: 465.00 ft      Total Volume: 5.429 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

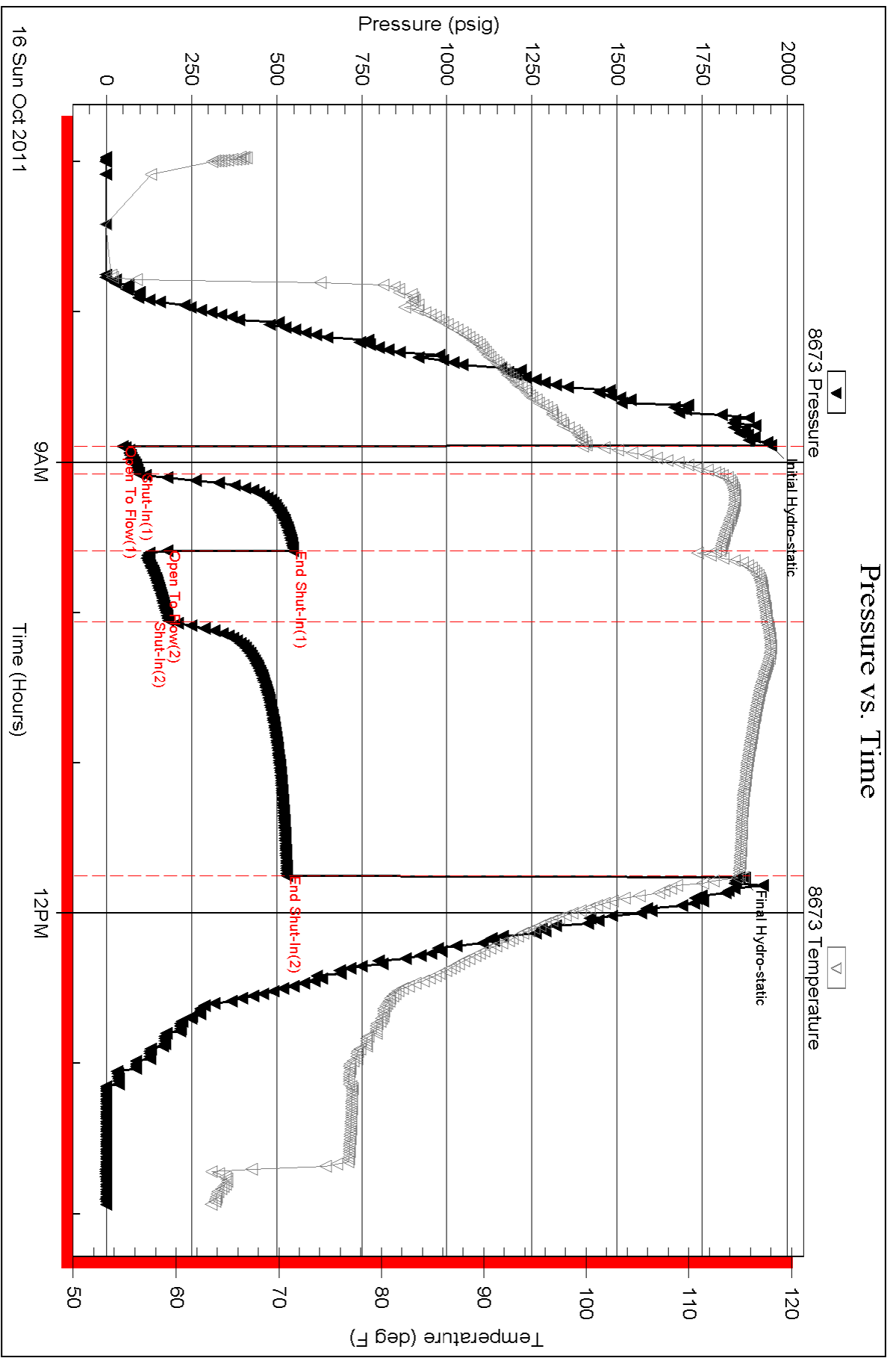
Serial #: 8673

Inside

McElvain Oil & Gas Properties

Ninerite #1-13

DST Test Number: 3





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

McElvain Oil & Gas Properties

**1-10s-23w-Graham**

1050 17TH Street  
Suite 2500  
Denver, CO. 80265  
ATTN: Jeff Lawler

**Ninemire #1-13**

Job Ticket: 43499

**DST#: 2**

Test Start: 2011.10.15 @ 18:54:47

## GENERAL INFORMATION:

Formation: **I**  
 Deviated: No Whipstock: ft (CF)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 20:56:02 Tester: Jason McLemore  
 Time Test Ended: 01:02:17 Unit No: 54  
 Interval: **3848.00 ft (CF) To 3870.00 ft (CF) (TVD)** Reference Elevations: 2424.00 ft (KB)  
 Total Depth: 3870.00 ft (CF) (TVD) 2419.00 ft (CF)  
 Hole Diameter: 7.80 inches Hole Condition: Good KB to GR/CF: 5.00 ft

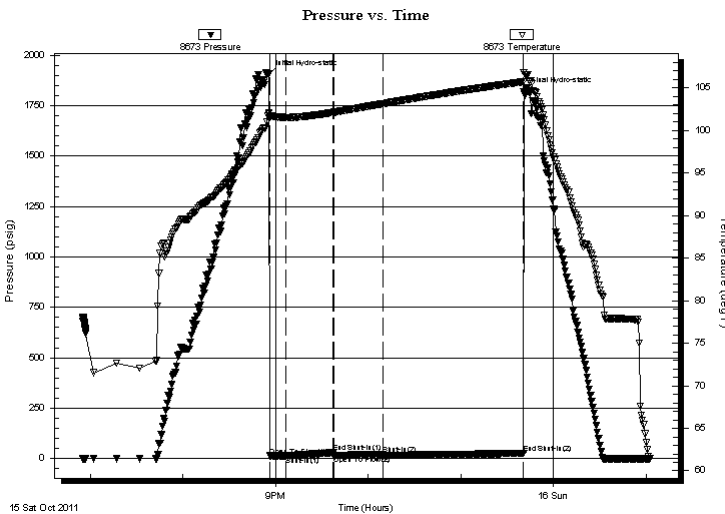
## Serial #: 8673

Inside

Press @ Run Depth: 23.18 psig @ 3852.00 ft (CF) Capacity: 8000.00 psig  
 Start Date: 2011.10.15 End Date: 2011.10.16 Last Calib.: 2011.10.16  
 Start Time: 18:54:49 End Time: 01:02:17 Time On Btm: 2011.10.15 @ 20:55:17  
 Time Off Btm: 2011.10.15 @ 23:40:47

TEST COMMENT: IFP-Weak Blow ,Built to 1/8"  
 ISI-Dead  
 FFP-Dead  
 FSI-Dead

## PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1906.32         | 102.00       | Initial Hydro-static |
| 1           | 13.54           | 101.52       | Open To Flow (1)     |
| 12          | 14.09           | 101.53       | Shut-In(1)           |
| 42          | 29.25           | 102.13       | End Shut-In(1)       |
| 43          | 15.12           | 102.13       | Open To Flow (2)     |
| 75          | 23.18           | 103.14       | Shut-In(2)           |
| 166         | 25.94           | 105.74       | End Shut-In(2)       |
| 166         | 1818.40         | 106.83       | Final Hydro-static   |

## Recovery

| Length (ft) | Description      | Volume (bbl) |
|-------------|------------------|--------------|
| 2.00        | Mud W/ Oil Spots | 0.01         |
|             |                  |              |
|             |                  |              |
|             |                  |              |
|             |                  |              |

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE**  
TESTING, INC.

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

McElvain Oil & Gas Properties

**1-10s-23w-Graham**

1050 17TH Street  
Suite 2500  
Denver, CO. 80265  
ATTN: Jeff Lawler

**Ninemire #1-13**

Job Ticket: 43499

**DST#: 2**

Test Start: 2011.10.15 @ 18:54:47

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 6.39 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 3800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

## Recovery Information

Recovery Table

| Length<br>ft | Description      | Volume<br>bbl |
|--------------|------------------|---------------|
| 2.00         | Mud W/ Oil Spots | 0.010         |

Total Length: 2.00 ft      Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8673

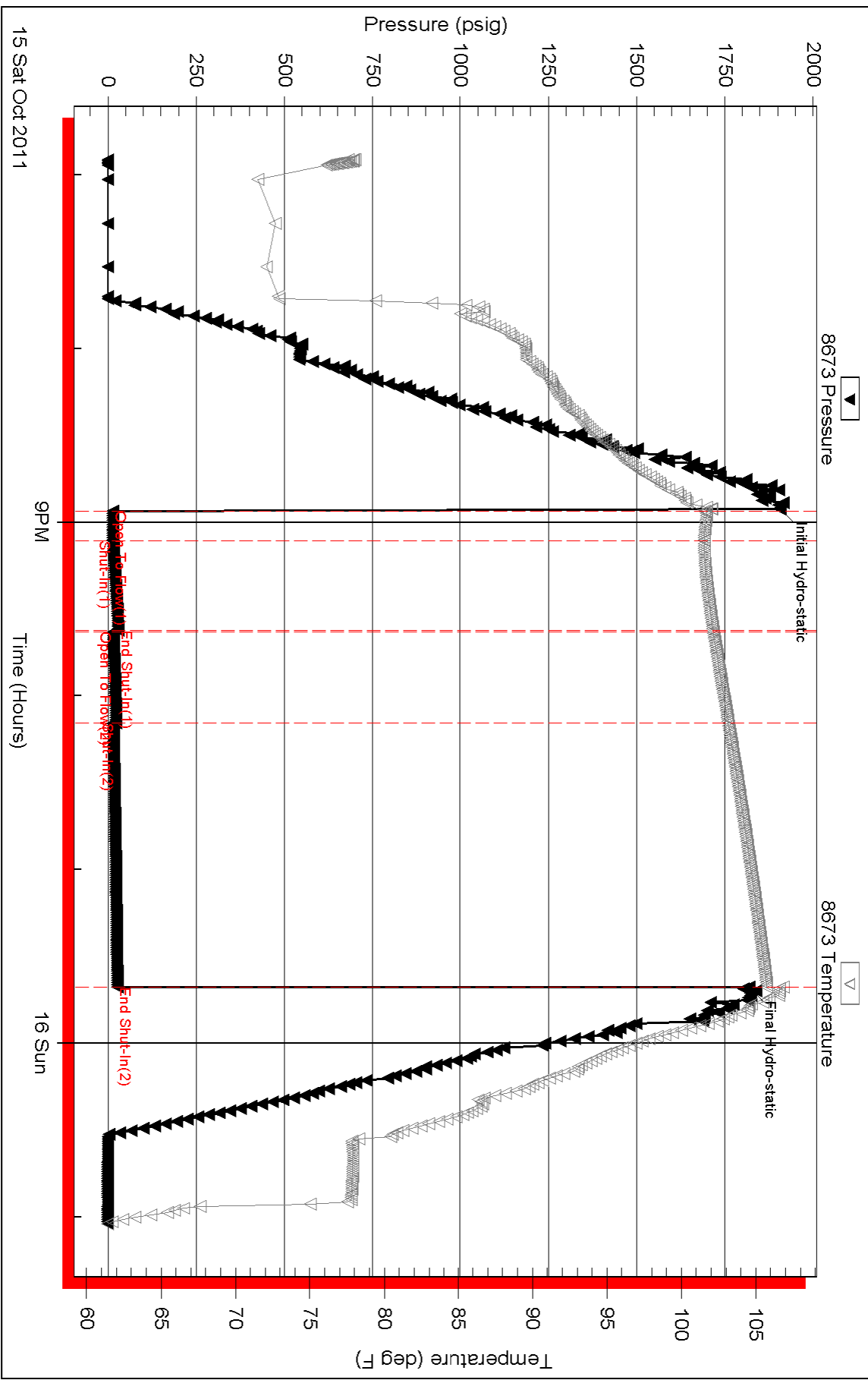
Inside

McElvain Oil & Gas Properties

Minerite #1-13

DST Test Number: 2

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 43499

Printed: 2011.10.16 @ 11:25:33



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

McElvain Oil & Gas Properties

**1-10s-23w-Graham**

1050 17TH Street  
Suite 2500  
Denver, CO. 80265  
ATTN: Jeff Lawler

**Ninemire #1-13**

Job Ticket: 43498

**DST#: 1**

Test Start: 2011.10.15 @ 03:41:41

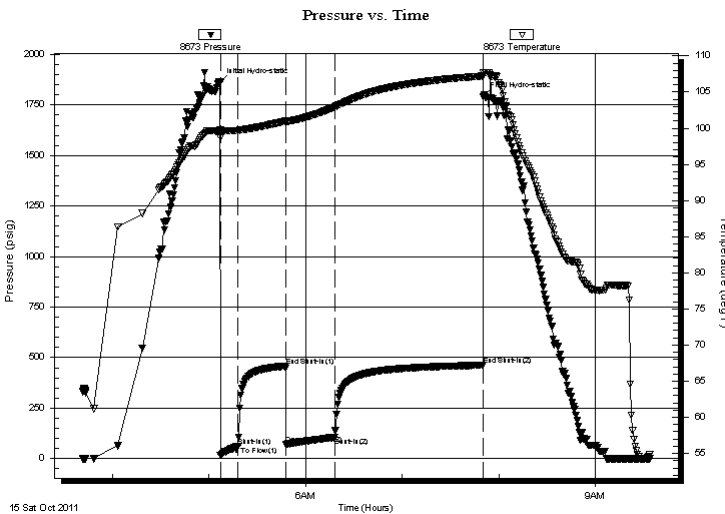
## GENERAL INFORMATION:

Formation: **E-F**  
 Deviated: No Whipstock: ft (CF)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 05:07:11 Tester: Jason McLemore  
 Time Test Ended: 09:33:26 Unit No: 54  
 Interval: **3766.00 ft (CF) To 3804.00 ft (CF) (TVD)** Reference Elevations: 2424.00 ft (KB)  
 Total Depth: 3804.00 ft (CF) (TVD) 2419.00 ft (CF)  
 Hole Diameter: 7.80 inches Hole Condition: Good KB to GR/CF: 5.00 ft

**Serial #: 8673 Inside**  
 Press @ Run Depth: 106.59 psig @ 3770.00 ft (CF) Capacity: 8000.00 psig  
 Start Date: 2011.10.15 End Date: 2011.10.15 Last Calib.: 2011.10.15  
 Start Time: 03:41:43 End Time: 09:33:26 Time On Btm: 2011.10.15 @ 05:06:56  
 Time Off Btm: 2011.10.15 @ 07:50:26

**TEST COMMENT:** IFP-Fair Blow ,Built to 3-1/2"  
 ISI-Dead  
 FFP-Fair Blow ,Built to 8"  
 FSI-Dead

## PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1862.06         | 99.78        | Initial Hydro-static |
| 1           | 17.73           | 98.71        | Open To Flow (1)     |
| 12          | 62.80           | 99.66        | Shut-In(1)           |
| 41          | 458.45          | 100.97       | End Shut-In(1)       |
| 41          | 72.10           | 100.85       | Open To Flow (2)     |
| 72          | 106.59          | 102.93       | Shut-In(2)           |
| 163         | 462.28          | 107.20       | End Shut-In(2)       |
| 164         | 1793.15         | 107.71       | Final Hydro-static   |

## Recovery

| Length (ft) | Description           | Volume (bbl) |
|-------------|-----------------------|--------------|
| 195.00      | Muddy Water-60%W-40%M | 1.64         |
|             |                       |              |
|             |                       |              |
|             |                       |              |
|             |                       |              |

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

McElvain Oil & Gas Properties

**1-10s-23w-Graham**

1050 17TH Street  
Suite 2500  
Denver, CO. 80265  
ATTN: Jeff Lawler

**Ninemire #1-13**

Job Ticket: 43498

**DST#: 1**

Test Start: 2011.10.15 @ 03:41:41

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 6.40 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 3800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity: 58000 ppm

## Recovery Information

Recovery Table

| Length<br>ft | Description           | Volume<br>bbl |
|--------------|-----------------------|---------------|
| 195.00       | Muddy Water-60%W-40%M | 1.642         |

Total Length: 195.00 ft      Total Volume: 1.642 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

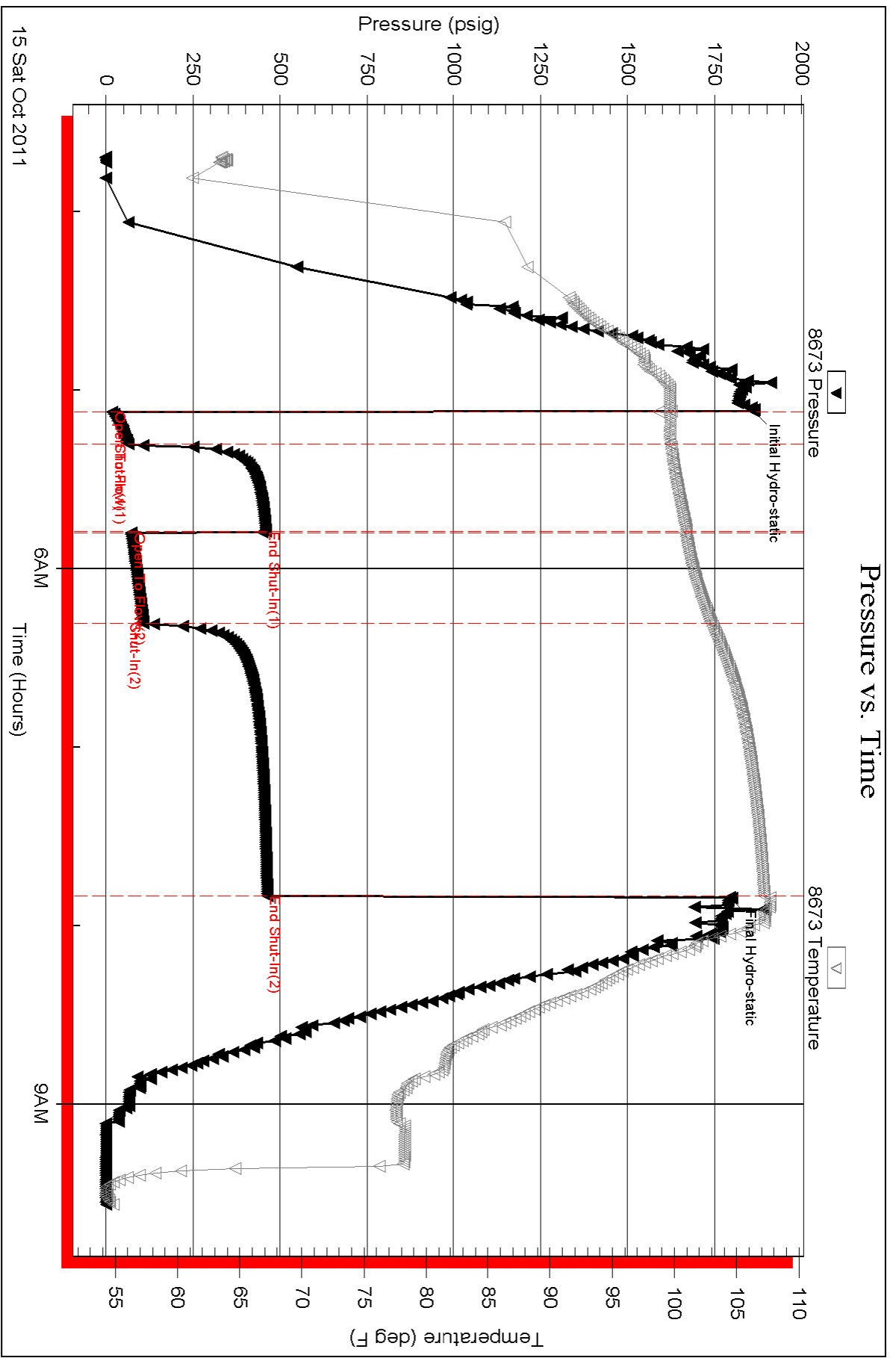
Serial #: 8673

Inside

McElvain Oil & Gas Properties

Minerite #1-13

DST Test Number: 1





# QUALITY OILWELL CEMENTING, INC.

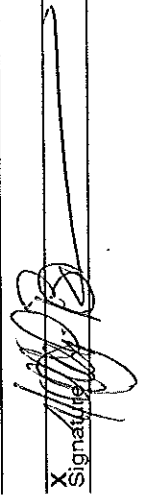
Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 5198

|                                   |  |      |          |              |    |       |    |        |         |       |    |             |          |
|-----------------------------------|--|------|----------|--------------|----|-------|----|--------|---------|-------|----|-------------|----------|
| Date                              | 10-18-11   | Sec. | 1        | Twp.         | 10 | Range | 23 | County | Cocaham | State | KS | On Location | 12:45 PM |
| Lease                             | Nine mile Well No. 1-13 #1 Location <u>Waikerey, ks - 10 to E Rd, 1E, 1N, 14E</u>  |      |          |              |    |       |    |        |         |       |    |             |          |
| Contractor                        | w-w #6 Owner <u>MS</u>   |      |          |              |    |       |    |        |         |       |    |             |          |
| Type Job                          | Production top To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. |      |          |              |    |       |    |        |         |       |    |             |          |
| Hole Size                         | 7 7/8" T.D. 4230'  |      |          |              |    |       |    |        |         |       |    |             |          |
| Csg.                              | 4 1/2" Depth <del>4230'</del> 4219.15'   |      |          |              |    |       |    |        |         |       |    |             |          |
| Tbg. Size                         | DO Tool Depth 1944'  |      |          |              |    |       |    |        |         |       |    |             |          |
| Cement Left in Csg.               | 2230' Shoe Joint 2230'   |      |          |              |    |       |    |        |         |       |    |             |          |
| Meas Line                         | Displace 30 BLS Cement Amount Ordered <u>380 QMDC 44E S.</u>   |      |          |              |    |       |    |        |         |       |    |             |          |
| <b>EQUIPMENT</b>                  |  |      |          |              |    |       |    |        |         |       |    |             |          |
| Pumptirk                          | 1  | No.  | Cementer | <u>Cisto</u> |    |       |    |        |         |       |    |             |          |
| Bulkirk                           | 12   | No.  | Driver   | <u>Brett</u> |    |       |    |        |         |       |    |             |          |
| Bulkirk                           | p.u.   | No.  | Driver   | <u>Rick</u>  |    |       |    |        |         |       |    |             |          |
| <b>JOB SERVICES &amp; REMARKS</b> |  |      |          |              |    |       |    |        |         |       |    |             |          |
| Remarks:                          | Hulls  |      |          |              |    |       |    |        |         |       |    |             |          |
| Rat Hole                          | 36 5X Salt   |      |          |              |    |       |    |        |         |       |    |             |          |
| Mouse Hole                        | Flowseal <u>95A</u>  |      |          |              |    |       |    |        |         |       |    |             |          |
| Centralizers                      | Kol-Seal   |      |          |              |    |       |    |        |         |       |    |             |          |
| Baskets                           | Mud CLR 48   |      |          |              |    |       |    |        |         |       |    |             |          |
| or Port Collar                    | 56 - 1944' CFL-117 or CD110 CAF 38   |      |          |              |    |       |    |        |         |       |    |             |          |
| pipe on bottom                    | break Circulation  |      |          |              |    |       |    |        |         |       |    |             |          |
| plug Rathole                      | with 30 5X QMDC  |      |          |              |    |       |    |        |         |       |    |             |          |
| mix 350 5X QMDC                   | shut down  |      |          |              |    |       |    |        |         |       |    |             |          |
| wash pump & lines                 | Released plug  |      |          |              |    |       |    |        |         |       |    |             |          |
| Displaced with 30 BLS oil         | water. Released & held.  |      |          |              |    |       |    |        |         |       |    |             |          |
| Lift pressure                     | 500 #  |      |          |              |    |       |    |        |         |       |    |             |          |
| Land plug                         | to 1400 #  |      |          |              |    |       |    |        |         |       |    |             |          |
| Cement did                        | Circulate.   |      |          |              |    |       |    |        |         |       |    |             |          |
| Pumptirk Charge                   | <u>Quad Long String</u>  |      |          |              |    |       |    |        |         |       |    |             |          |
| Mileage                           | <u>49</u>  |      |          |              |    |       |    |        |         |       |    |             |          |
| Tax                               |  |      |          |              |    |       |    |        |         |       |    |             |          |
| Discount                          |  |      |          |              |    |       |    |        |         |       |    |             |          |
| Total Charge                      |  |      |          |              |    |       |    |        |         |       |    |             |          |

X Signature 

Top Stage

# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

Federal Tax I.D.# 20-2886107

No. 5197

|   |                               |      |          |          |    |       |    |        |        |       |    |              |         |
|---|-------------------------------|------|----------|----------|----|-------|----|--------|--------|-------|----|--------------|---------|
| Date  | 10-18-11                      | Sec. | 1        | Twp.     | 10 | Range | 23 | County | Graham | State | Ks | On Location  | 9:45 AM |
| Lease   | Nine mile                     |      |          |          |    |       |    |        |        |       |    |              |         |
| Contractor  | W-W #6                        |      |          |          |    |       |    |        |        |       |    |              |         |
| Type Job  | Production                    |      |          |          |    |       |    |        |        |       |    |              |         |
| Hole Size   | 7 7/8"                        |      |          |          |    |       |    |        |        |       |    |              |         |
| Csg.  | 11.50# 4 1/2" new             |      |          |          |    |       |    |        |        |       |    |              |         |
| Tbg. Size   |                               |      |          |          |    |       |    |        |        |       |    |              |         |
| Tool  | DU Tool                       |      |          |          |    |       |    |        |        |       |    |              |         |
| Cement Left in Csg.   | 22.30'                        |      |          |          |    |       |    |        |        |       |    |              |         |
| Meas Line   | Displace 65 BUS               |      |          |          |    |       |    |        |        |       |    |              |         |
| EQUIPMENT   |                               |      |          |          |    |       |    |        |        |       |    |              |         |
| Pumptrk   | 1                             | No.  | Cementer |          |    |       |    |        |        |       |    |              |         |
| Bulktrk   | 8                             | No.  | Driver   | Brian S. |    |       |    |        |        |       |    |              |         |
| Bulktrk   | 4                             | No.  | Driver   | Rick     |    |       |    |        |        |       |    |              |         |
| JOB SERVICES & REMARKS  |                               |      |          |          |    |       |    |        |        |       |    |              |         |
| Remarks:  |                               |      |          |          |    |       |    |        |        |       |    |              |         |
| Rat Hole  | Y will plug on top stage      |      |          |          |    |       |    |        |        |       |    |              |         |
| Mouse Hole  | N/A                           |      |          |          |    |       |    |        |        |       |    |              |         |
| Centralizers  | 1, 3, 5, 7, 9, 11, 13, 15, 57 |      |          |          |    |       |    |        |        |       |    |              |         |
| Baskets   | 15, 56                        |      |          |          |    |       |    |        |        |       |    |              |         |
| D/V or Port Collar  | 56 - 1944'                    |      |          |          |    |       |    |        |        |       |    |              |         |
| pipe on bottom break circulation  |                               |      |          |          |    |       |    |        |        |       |    |              |         |
| <del>2000</del> pump 500 gal mud clean  |                               |      |          |          |    |       |    |        |        |       |    |              |         |
| 48 pump 1 SBL of freshwater.  |                               |      |          |          |    |       |    |        |        |       |    |              |         |
| mix 260 sx Common 3/4 CL, 29.6el  |                               |      |          |          |    |       |    |        |        |       |    |              |         |
| 1/4H F.S., shut down, wash pump   |                               |      |          |          |    |       |    |        |        |       |    |              |         |
| 4 lines Released plug + displaced   |                               |      |          |          |    |       |    |        |        |       |    |              |         |
| with 32 BUS oil water, 33 BUS   |                               |      |          |          |    |       |    |        |        |       |    |              |         |
| of mud, 65 BUS total,   |                               |      |          |          |    |       |    |        |        |       |    |              |         |
| 'Lift pressure 600#   |                               |      |          |          |    |       |    |        |        |       |    |              |         |
| Land plug to 1300#  |                               |      |          |          |    |       |    |        |        |       |    |              |         |
| Drop Dato + open tool w/ 800#   |                               |      |          |          |    |       |    |        |        |       |    |              |         |
| Break Circulation   |                               |      |          |          |    |       |    |        |        |       |    |              |         |
| The above was done to satisfaction and supervision of owner agent or contractor.<br>Cement Amount Ordered 260 SX Common 3/4 CL<br>2 1/2 Gal 1/4H F.S. 500 Mud Clear 48<br>Common 260<br>Poz. Mix<br>Gel. 59<br>Calcium<br>Hulls<br>Salt<br>Flowseal 65#<br>Koh-Seal<br>Mud CLR 48 500<br>CFL-117 or CD110 CAF 38<br>Sand<br>Handling 274<br>Mileage<br>Guide Shoe<br>Centralizer 9 + wbs<br>Baskets 2<br>AFU Inserts<br>Float Shoe<br>Latch Down<br>1-DU Tool w/ L. Down<br>Plug<br>Pumptrk Charge 1000 Long String<br>Mileage 49 |                               |      |          |          |    |       |    |        |        |       |    |              |         |
|   |                               |      |          |          |    |       |    |        |        |       |    | Tax          |         |
|   |                               |      |          |          |    |       |    |        |        |       |    | Discount     |         |
|   |                               |      |          |          |    |       |    |        |        |       |    | Total Charge |         |

X Signature 