



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: _____



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 <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample 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 _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone | | | | |
| | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
| | | | |
| | | | |
| | | | |
| | | | |

| | | | | |
|----------------|-------|---------|------------|---|
| TUBING RECORD: | Size: | Set At: | Packer At: | Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No |
|----------------|-------|---------|------------|---|

| | |
|---|---|
| Date of First, Resumed Production, SWD or ENHR. | Producing Method: |
| | <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____ |

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

| | | |
|--|---|---|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i> | PRODUCTION INTERVAL: _____ _____ |
|--|---|---|



DRILL STEM TEST REPORT

Prepared For: **Dreiling Oil Co.**

PO Box 550
Hays KS 67601+2431

ATTN: Roger Fisher

Rome #3

26-13s-17w Ellis,KS

Start Date: 2013.10.12 @ 18:15:01

End Date: 2013.10.13 @ 00:06:00

Job Ticket #: 53638 DST #: 1

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

Printed: 2013.10.15 @ 15:27:31



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Drilling Oil Co.
 PO Box 550
 Hays KS 67601+2431
 ATTN: Roger Fisher

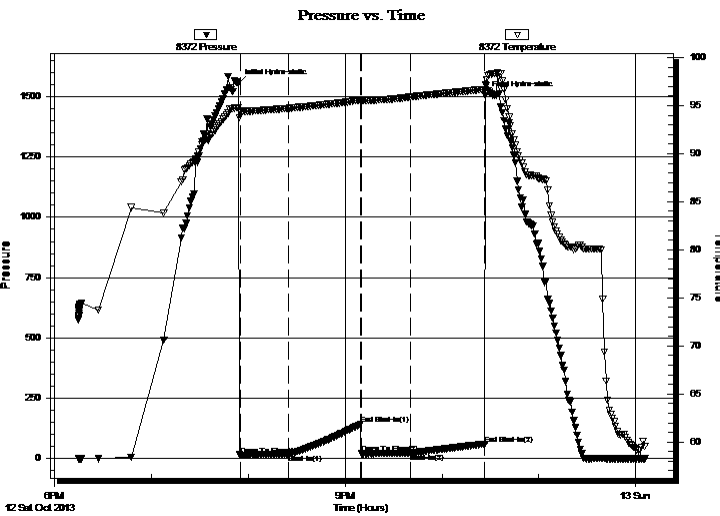
26-13s-17w Ellis,KS
Rome #3
 Job Ticket: 53638 **DST#: 1**
 Test Start: 2013.10.12 @ 18:15:01

GENERAL INFORMATION:

Formation: **Lans. "A-D"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 19:55:00 Tester: Andy Carreira
 Time Test Ended: 00:06:00 Unit No: 68
 Interval: **3240.00 ft (KB) To 3310.00 ft (KB) (TVD)** Reference Elevations: 1984.00 ft (KB)
 Total Depth: 3310.00 ft (KB) (TVD) 1976.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8372 Inside
 Press @ Run Depth: 22.63 psig @ 3245.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.10.12 End Date: 2013.10.13 Last Calib.: 2013.10.13
 Start Time: 18:15:01 End Time: 00:06:00 Time On Btm: 2013.10.12 @ 19:54:00
 Time Off Btm: 2013.10.12 @ 22:27:00

TEST COMMENT: IF:(30min) Surface blow died in 17 min.
 IS:(45min) No Return
 FF:(30min) No Blow
 FS:(45min) No Return



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1554.32 | 94.80 | Initial Hydro-static |
| 1 | 15.49 | 94.45 | Open To Flow (1) |
| 31 | 18.70 | 94.72 | Shut-In(1) |
| 76 | 142.65 | 95.58 | End Shut-In(1) |
| 76 | 20.84 | 95.53 | Open To Flow (2) |
| 107 | 22.63 | 95.89 | Shut-In(2) |
| 153 | 61.11 | 96.69 | End Shut-In(2) |
| 153 | 1504.72 | 97.18 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------|--------------|
| 10.00 | Mud w / oil spks in tool | 0.05 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Drilling Oil Co.

26-13s-17w Ellis,KS

PO Box 550
Hays KS 67601+2431

Rome #3

Job Ticket: 53638

DST#: 1

ATTN: Roger Fisher

Test Start: 2013.10.12 @ 18:15:01

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3185.00 ft | Diameter: 3.80 inches | Volume: 44.68 bbl | Tool Weight: 2500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 2.70 inches | Volume: 0.00 bbl | Weight set on Packer: 24000.00 lb |
| Drill Collar: | Length: 60.00 ft | Diameter: 2.25 inches | Volume: 0.30 bbl | Weight to Pull Loose: 46000.00 lb |
| | | | <u>Total Volume: 44.98 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 25.00 ft | | | String Weight: Initial 40000.00 lb |
| Depth to Top Packer: | 3240.00 ft | | | Final 40000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 70.00 ft | | | |
| Tool Length: | 90.00 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 | | | 3221.00 | |
| Shut In Tool | 5.00 | | | 3226.00 | |
| Hydraulic tool | 5.00 | | | 3231.00 | |
| Packer | 5.00 | | | 3236.00 | 20.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 3240.00 | |
| Stubb | 1.00 | | | 3241.00 | |
| Perforations | 3.00 | | | 3244.00 | |
| Change Over Sub | 1.00 | | | 3245.00 | |
| Recorder | 0.00 | 8372 | Inside | 3245.00 | |
| Recorder | 0.00 | 8321 | Outside | 3245.00 | |
| Drill Pipe | 32.00 | | | 3277.00 | |
| Change Over Sub | 1.00 | | | 3278.00 | |
| Perforations | 29.00 | | | 3307.00 | |
| Bullnose | 3.00 | | | 3310.00 | 70.00 Bottom Packers & Anchor |

Total Tool Length: 90.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dreiling Oil Co.

26-13s-17w Ellis,KS

PO Box 550
Hays KS 67601+2431

Rome #3

Job Ticket: 53638

DST#: 1

ATTN: Roger Fisher

Test Start: 2013.10.12 @ 18:15:01

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|--------------------------|---------------|
| 10.00 | Mud w / oil spks in tool | 0.049 |

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

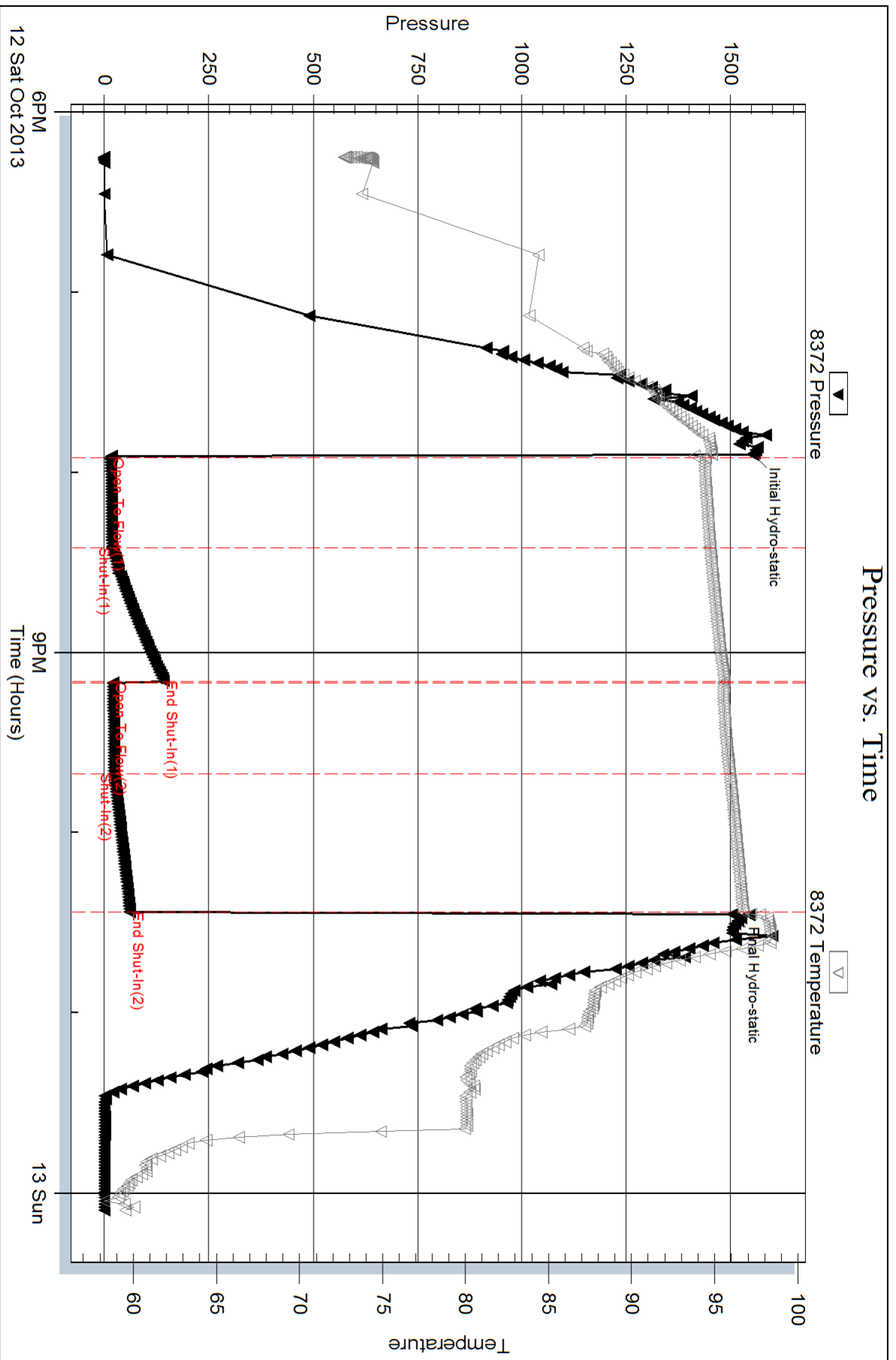
Serial #:

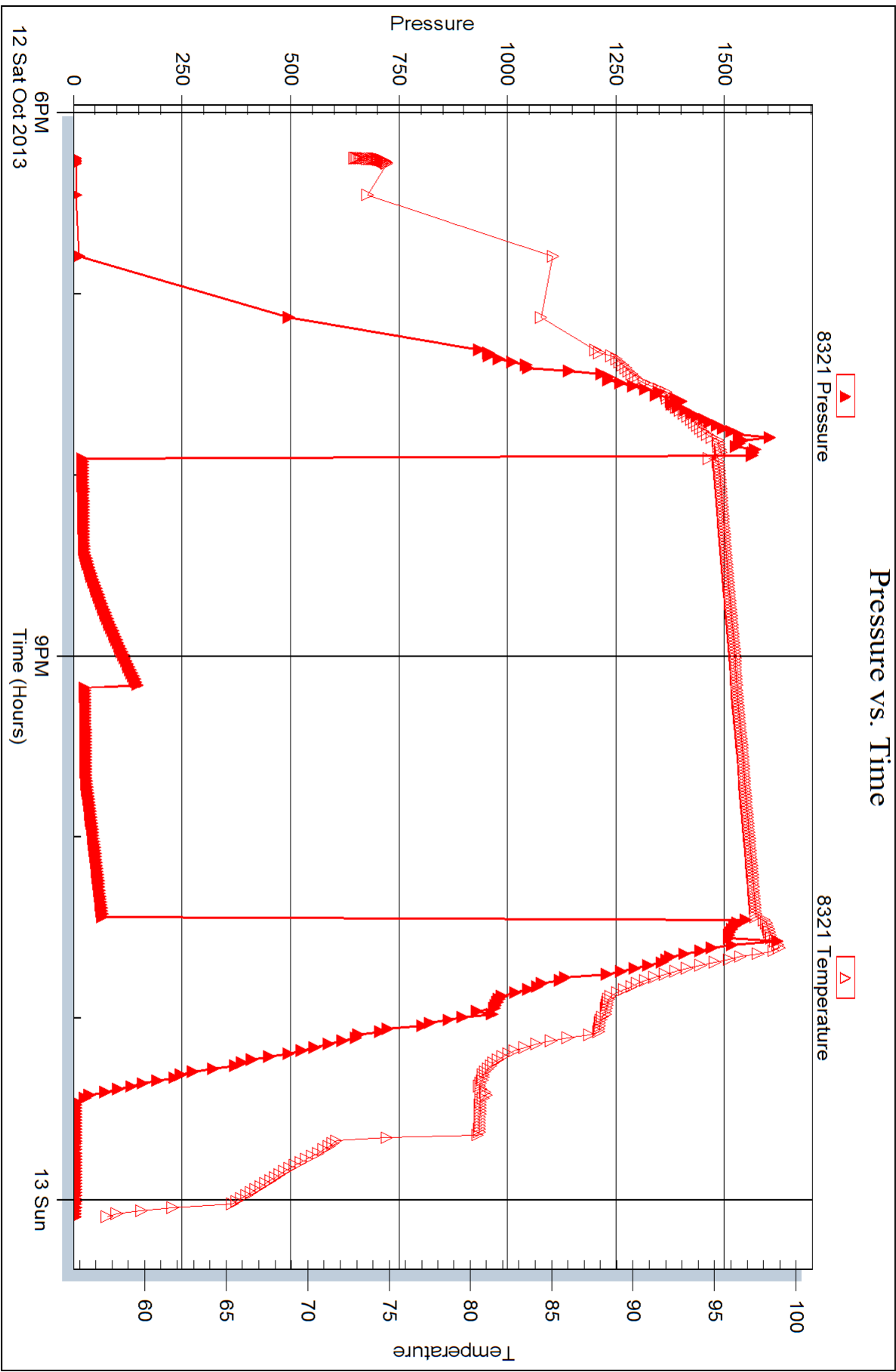
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **Dreiling Oil Co.**

PO Box 550
Hays KS 67601+2431

ATTN: Roger Fisher

Rome #3

26-13s-17w Ellis,KS

Start Date: 2013.10.13 @ 07:06:01

End Date: 2013.10.13 @ 12:51:00

Job Ticket #: 53639 DST #: 2

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

Printed: 2013.10.15 @ 15:27:05



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Drilling Oil Co.
 PO Box 550
 Hays KS 67601+2431
 ATTN: Roger Fisher

26-13s-17w Ellis, KS
Rome #3
 Job Ticket: 53639 **DST#: 2**
 Test Start: 2013.10.13 @ 07:06:01

GENERAL INFORMATION:

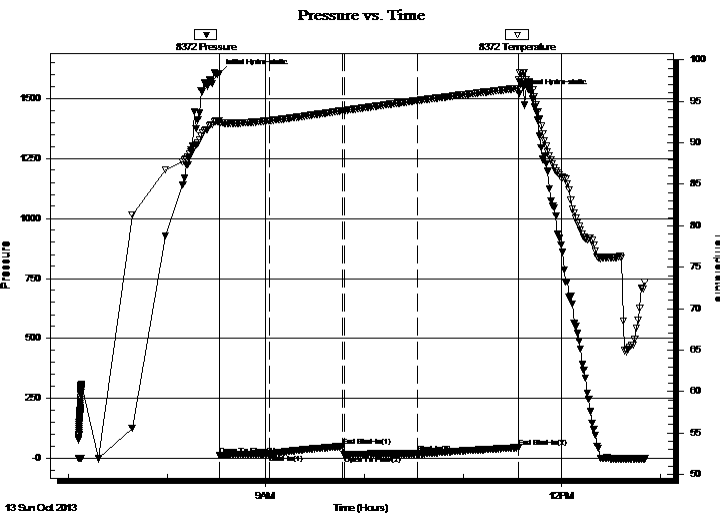
Formation: **LKC"EF"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:32:00
 Time Test Ended: 12:51:00
 Interval: **3316.00 ft (KB) To 3347.00 ft (KB) (TVD)**
 Total Depth: 3347.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Andy Carreira
 Unit No: 68
 Reference Elevations: 1984.00 ft (KB)
 1976.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8372

Inside

Press @ Run Depth: 20.84 psig @ 3317.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.10.13 End Date: 2013.10.13 Last Calib.: 2013.10.13
 Start Time: 07:06:01 End Time: 12:51:00 Time On Btm: 2013.10.13 @ 08:31:30
 Time Off Btm: 2013.10.13 @ 11:34:00

TEST COMMENT: IF:(30min) 1" blow in 9 min. Built to 2" in 29 min.
 IS:(45min) No Return
 FF:(45min) 1" blow in 12 min. Decreased to intermittent surface blow in 20 min.
 FS:(60min) No Return



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1601.36 | 92.63 | Initial Hydro-static |
| 1 | 14.04 | 92.38 | Open To Flow (1) |
| 31 | 18.89 | 92.67 | Shut-In(1) |
| 75 | 51.00 | 93.87 | End Shut-In(1) |
| 76 | 16.34 | 93.89 | Open To Flow (2) |
| 121 | 20.84 | 95.09 | Shut-In(2) |
| 182 | 46.01 | 96.57 | End Shut-In(2) |
| 183 | 1519.12 | 97.59 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------|--------------|
| 5.00 | Mud w / oil in tool | 0.02 |
| | | |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dreiling Oil Co.

26-13s-17w Ellis,KS

PO Box 550
Hays KS 67601+2431

Rome #3

Job Ticket: 53639

DST#: 2

ATTN: Roger Fisher

Test Start: 2013.10.13 @ 07:06:01

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3249.00 ft | Diameter: 3.80 inches | Volume: 45.57 bbl | Tool Weight: 2500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 2.70 inches | Volume: 0.00 bbl | Weight set on Packer: 24000.00 lb |
| Drill Collar: | Length: 60.00 ft | Diameter: 2.25 inches | Volume: 0.30 bbl | Weight to Pull Loose: 48000.00 lb |
| | | | <u>Total Volume: 45.87 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 13.00 ft | | | String Weight: Initial 40000.00 lb |
| Depth to Top Packer: | 3316.00 ft | | | Final 40000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 31.00 ft | | | |
| Tool Length: | 51.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|---------------------------|--------------|------------|----------|------------|-------------------------------|
| Change Over Sub | 1.00 | | | 3297.00 | |
| Shut In Tool | 5.00 | | | 3302.00 | |
| Hydraulic tool | 5.00 | | | 3307.00 | |
| Packer | 5.00 | | | 3312.00 | 20.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 3316.00 | |
| Stubb | 1.00 | | | 3317.00 | |
| Recorder | 0.00 | 8372 | Inside | 3317.00 | |
| Recorder | 0.00 | 8321 | Outside | 3317.00 | |
| Perforations | 27.00 | | | 3344.00 | |
| Bullnose | 3.00 | | | 3347.00 | 31.00 Bottom Packers & Anchor |
| Total Tool Length: | 51.00 | | | | |



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dreiling Oil Co.

26-13s-17w Ellis,KS

PO Box 550
Hays KS 67601+2431

Rome #3

Job Ticket: 53639

DST#: 2

ATTN: Roger Fisher

Test Start: 2013.10.13 @ 07:06:01

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------------|---------------|
| 5.00 | Mud w / oil in tool | 0.025 |

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

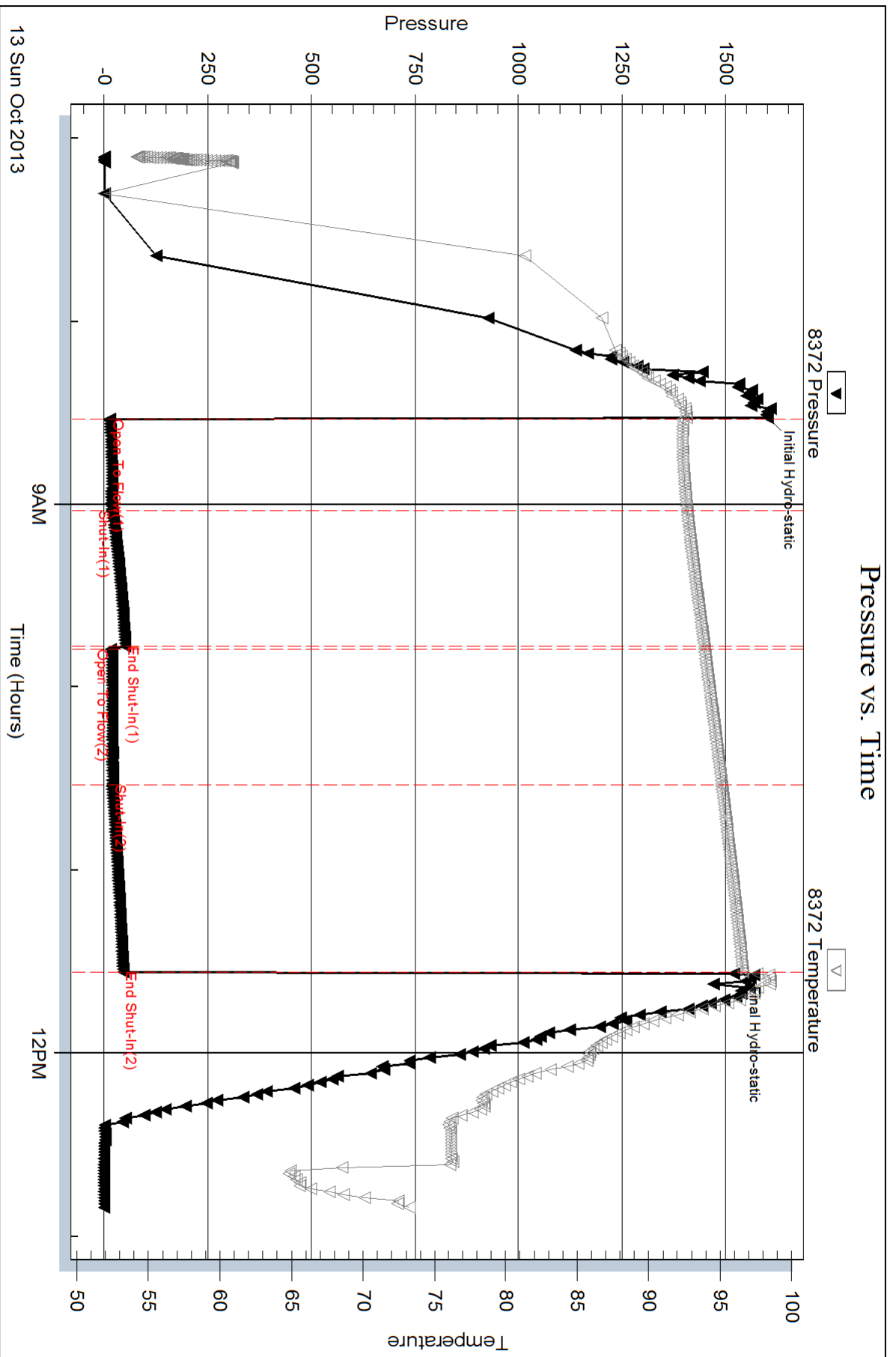
Num Gas Bombs: 0

Serial #:

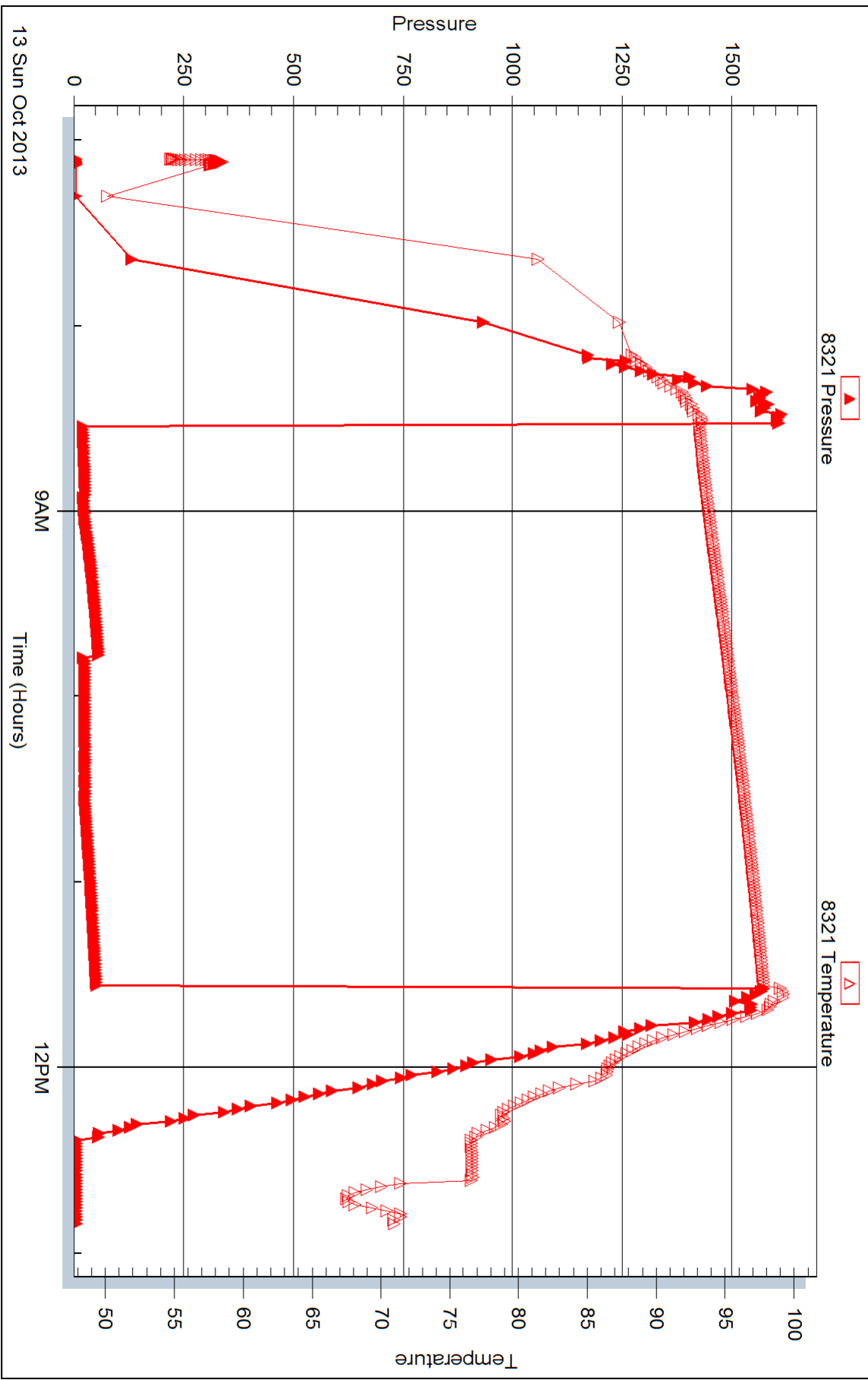
Laboratory Name:

Laboratory Location:

Recovery Comments:



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Dreiling Oil Co.**

PO Box 550
Hays KS 67601+2431

ATTN: Roger Fisher

Rome #3

26-13s-17w Ellis,KS

Start Date: 2013.10.13 @ 23:14:01

End Date: 2013.10.14 @ 04:39:30

Job Ticket #: 53640 DST #: 3

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

Printed: 2013.10.15 @ 15:26:37



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Drilling Oil Co.
 PO Box 550
 Hays KS 67601+2431
 ATTN: Roger Fisher

26-13s-17w Ellis, KS
Rome #3
 Job Ticket: 53640 **DST#: 3**
 Test Start: 2013.10.13 @ 23:14:01

GENERAL INFORMATION:

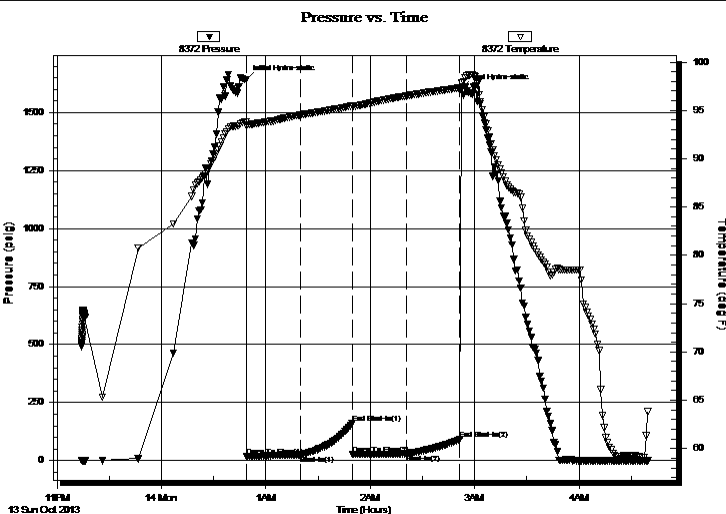
Formation: **LKC"H,I,J"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:49:00
 Time Test Ended: 04:39:30
Interval: 3372.00 ft (KB) To 3442.00 ft (KB) (TVD)
 Total Depth: 3442.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Andy Carreira
 Unit No: 68
 Reference Elevations: 1984.00 ft (KB)
 1976.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8372

Inside

Press @ Run Depth: 28.52 psig @ 3377.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.10.13 End Date: 2013.10.14 Last Calib.: 2013.10.14
 Start Time: 23:14:01 End Time: 04:39:30 Time On Btm: 2013.10.14 @ 00:48:30
 Time Off Btm: 2013.10.14 @ 02:52:30

TEST COMMENT: IF:(30min) Weak surface blow
 IS:(30min) No Return
 FF:(30min) Weak surface blow
 FS:(30min) No Return



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1642.52 | 93.85 | Initial Hydro-static |
| 1 | 16.99 | 93.39 | Open To Flow (1) |
| 32 | 25.27 | 94.51 | Shut-In(1) |
| 61 | 159.81 | 95.48 | End Shut-In(1) |
| 62 | 27.85 | 95.43 | Open To Flow (2) |
| 92 | 28.52 | 96.48 | Shut-In(2) |
| 123 | 91.39 | 97.32 | End Shut-In(2) |
| 124 | 1600.90 | 97.80 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 10.00 | OSM | 0.05 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Dreiling Oil Co.
 PO Box 550
 Hays KS 67601+2431
 ATTN: Roger Fisher

26-13s-17w Ellis,KS
Rome #3
 Job Ticket: 53640 **DST#: 3**
 Test Start: 2013.10.13 @ 23:14:01

GENERAL INFORMATION:

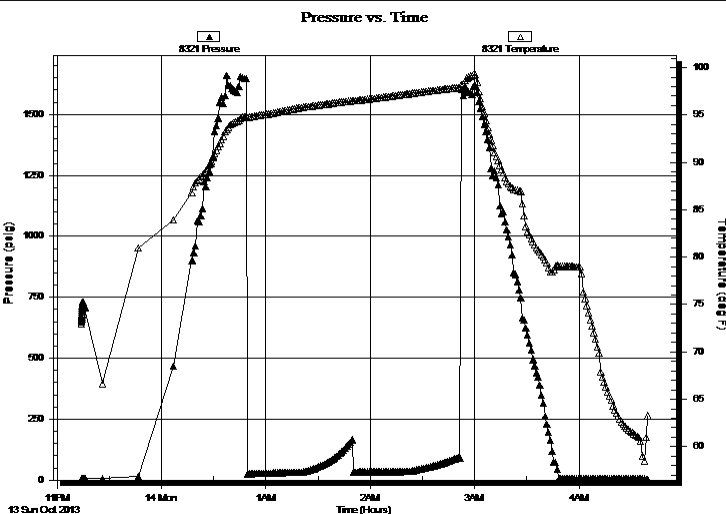
Formation: **LKC"H,I,J"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:49:00
 Time Test Ended: 04:39:30
Interval: 3372.00 ft (KB) To 3442.00 ft (KB) (TVD)
 Total Depth: 3442.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Andy Carreira
 Unit No: 68
 Reference Elevations: 1984.00 ft (KB)
 1976.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8321

Outside

Press @RunDepth: psig @ 3377.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.10.13 End Date: 2013.10.14 Last Calib.: 2013.10.14
 Start Time: 23:14:01 End Time: 04:39:30 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF:(30min) Weak surface blow
 IS:(30min) No Return
 FF:(30min) Weak surface blow
 FS:(30min) No Retrun



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|------------|
| | | | |
| | | | |
| | | | |
| | | | |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 10.00 | OSM | 0.05 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Drilling Oil Co.

26-13s-17w Ellis,KS

PO Box 550
Hays KS 67601+2431

Rome #3

Job Ticket: 53640

DST#: 3

ATTN: Roger Fisher

Test Start: 2013.10.13 @ 23:14:01

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3313.00 ft | Diameter: 3.80 inches | Volume: 46.47 bbl | Tool Weight: 2500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 2.70 inches | Volume: 0.00 bbl | Weight set on Packer: 24000.00 lb |
| Drill Collar: | Length: 60.00 ft | Diameter: 2.25 inches | Volume: 0.30 bbl | Weight to Pull Loose: 64000.00 lb |
| | | | <u>Total Volume: 46.77 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 21.00 ft | | | String Weight: Initial 42000.00 lb |
| Depth to Top Packer: | 3372.00 ft | | | Final 42000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 70.00 ft | | | |
| Tool Length: | 90.00 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 | | | 3353.00 | |
| Shut In Tool | 5.00 | | | 3358.00 | |
| Hydraulic tool | 5.00 | | | 3363.00 | |
| Packer | 5.00 | | | 3368.00 | 20.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 3372.00 | |
| Stubb | 1.00 | | | 3373.00 | |
| Perforations | 3.00 | | | 3376.00 | |
| Change Over Sub | 1.00 | | | 3377.00 | |
| Recorder | 0.00 | 8372 | Inside | 3377.00 | |
| Recorder | 0.00 | 8321 | Outside | 3377.00 | |
| Drill Pipe | 32.00 | | | 3409.00 | |
| Change Over Sub | 1.00 | | | 3410.00 | |
| Perforations | 29.00 | | | 3439.00 | |
| Bullnose | 3.00 | | | 3442.00 | 70.00 Bottom Packers & Anchor |

Total Tool Length: 90.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dreiling Oil Co.

26-13s-17w Ellis,KS

PO Box 550
Hays KS 67601+2431

Rome #3

Job Ticket: 53640

DST#: 3

ATTN: Roger Fisher

Test Start: 2013.10.13 @ 23:14:01

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 10.00 | OSM | 0.049 |

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8372

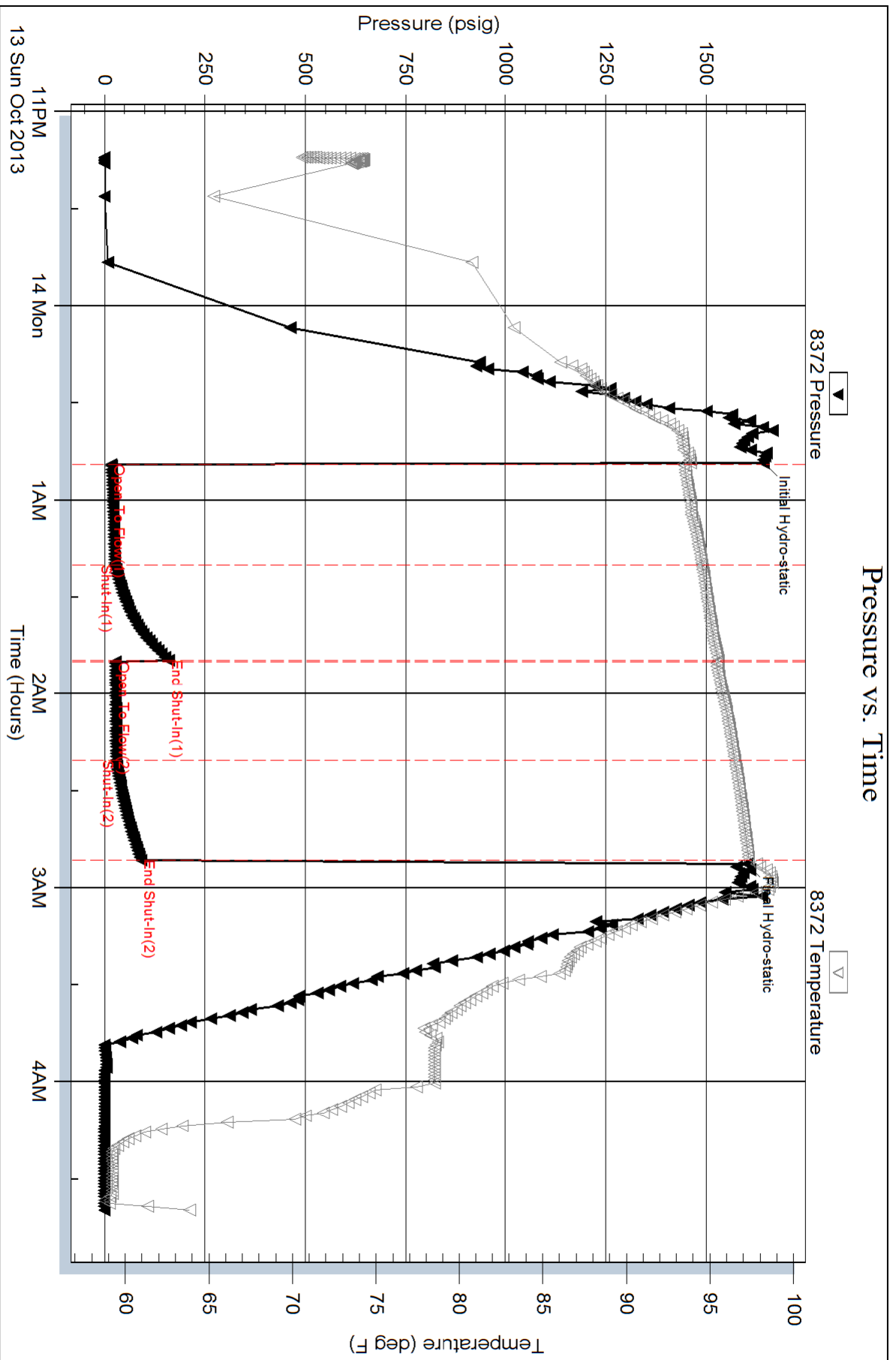
Inside

Dreiling Oil Co.

Rome #3

DST Test Number: 3

Pressure vs. Time

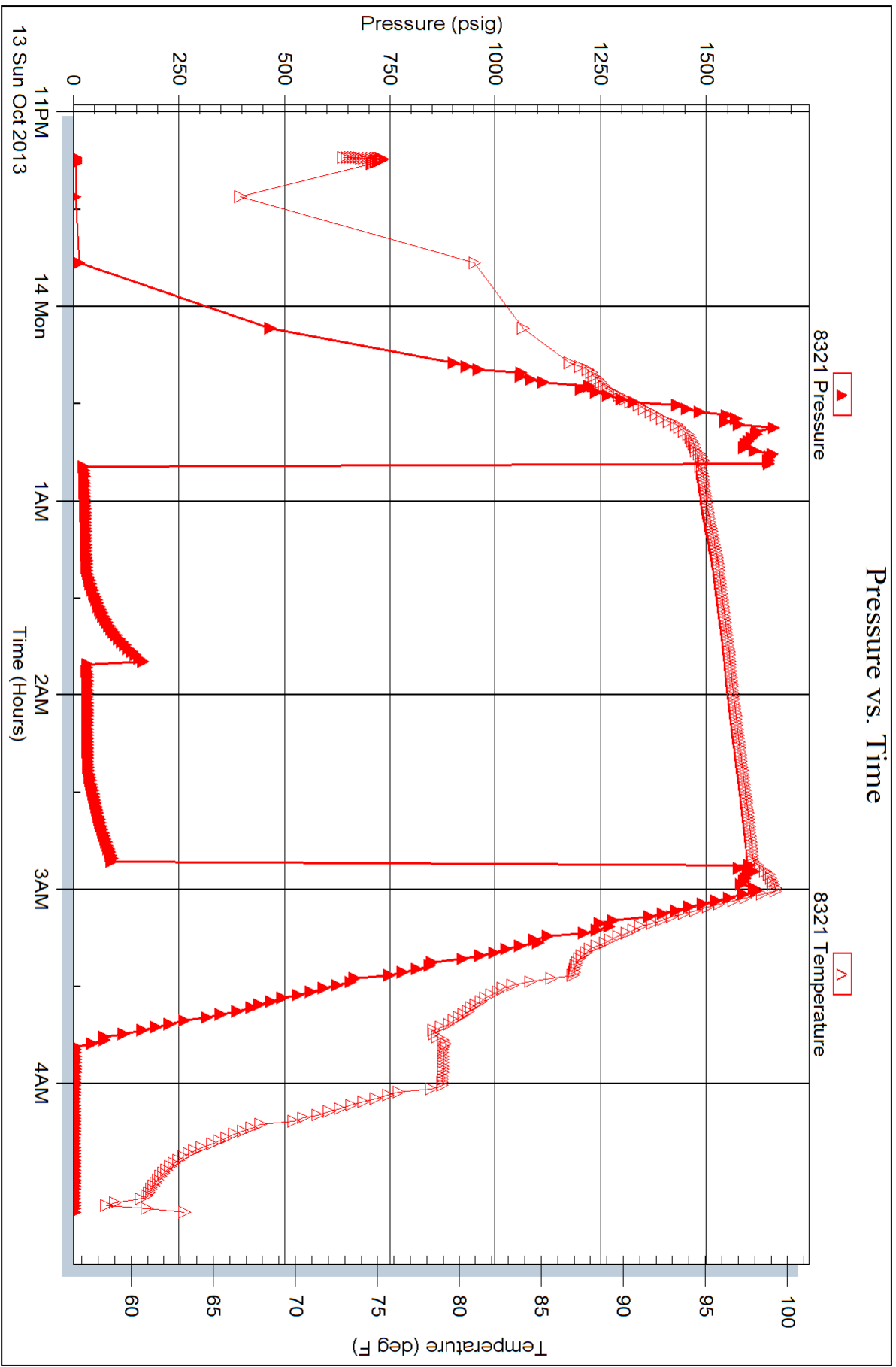


Serial #: 8321

Outside Drilling Oil Co.

Rome #3

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53638

Well Name & No. Romez #3 Test No. 1 Date 10-12-13
 Company DREILING Oil Co Elevation 1984 est KB 1976 est GL
 Address PO Box 550 Hays Ks 67601 + 2431
 Co. Rep / Geo. Rogee Fisher Rig DISCOVERY #1
 Location: Sec. 26 Twp. 13s Rge. 17w Co. Ellis State Ks

Interval Tested 3240-3310 Zone Tested LANS. A-D
 Anchor Length 70 Drill Pipe Run 3185 Mud Wt. 8.7
 Top Packer Depth 2235 Drill Collars Run 60 Vis 54
 Bottom Packer Depth 3240 Wt. Pipe Run 0 WL 7.2
 Total Depth 3310 Chlorides 2500 ppm System LCM 2 #s

Blow Description IF: SURFACE blow died in 17min.
ISI: NO RETURN
FF: NO BLOW
FSL: NO RETURN

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------|-----------------------------|------|------|--------|------|
| <u>10</u> | <u>Mud/oil spks in tool</u> | | | | |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |

Rec Total 10 BHT 96° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

| | | |
|-------------------------------------|---|--|
| (A) Initial Hydrostatic <u>1554</u> | <input checked="" type="checkbox"/> Test <u>1150</u> | T-On Location <u>15:45</u> |
| (B) First Initial Flow <u>15</u> | <input type="checkbox"/> Jars _____ | T-Started <u>18:15</u> |
| (C) First Final Flow <u>18</u> | <input type="checkbox"/> Safety Joint _____ | T-Open <u>19:55</u> |
| (D) Initial Shut-In <u>142</u> | <input type="checkbox"/> Circ Sub _____ | T-Pulled <u>22:25</u> |
| (E) Second Initial Flow <u>20</u> | <input type="checkbox"/> Hourly Standby _____ | T-Out <u>00:06</u> |
| (F) Second Final Flow <u>22</u> | <input checked="" type="checkbox"/> Mileage <u>22RT</u> 34.10 | Comments _____ |
| (G) Final Shut-In <u>61</u> | <input type="checkbox"/> Sampler _____ | |
| (H) Final Hydrostatic <u>1504</u> | <input type="checkbox"/> Straddle _____ | <input type="checkbox"/> Ruined Shale Packer _____ |
| Initial Open <u>30</u> | <input type="checkbox"/> Shale Packer _____ | <input type="checkbox"/> Ruined Packer _____ |
| Initial Shut-In <u>45</u> | <input type="checkbox"/> Extra Packer _____ | <input type="checkbox"/> Extra Copies _____ |
| Final Flow <u>30</u> | <input type="checkbox"/> Extra Recorder _____ | Sub Total <u>0</u> |
| Final Shut-In <u>45</u> | <input type="checkbox"/> Day Standby _____ | Total <u>1184.10</u> |
| | <input type="checkbox"/> Accessibility _____ | MP/DST Disc't _____ |
| | Sub Total <u>1184.10</u> | |

Approved By _____ Our Representative Andy Co
 TriLOBITE TESTING INC. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53639

4/10

Well Name & No. Rome #3 Test No. 2 Date 10-13-13
 Company Drilling Oil Co. Elevation # 1984 est KB 1976 est GL
 Address PO BOX 550 Hays, Ks. 67601-2431
 Co. Rep / Geo. Roger Fisher Rig Discovery #1
 Location: Sec. 26 Twp. 13s Rge. 17W Co. Ellis State Ks

Interval Tested 3316-3347 Zone Tested LKC "E-F"
 Anchor Length 31' Drill Pipe Run 3246 Mud Wt. 8.7
 Top Packer Depth 3311 Drill Collars Run 60 Vis 54
 Bottom Packer Depth 3316 Wt. Pipe Run 0 WL 7.2
 Total Depth 3347 Chlorides 2500 ppm System LCM 2#s

Blow Description IF: Blow built to 1" in 9min, 2" in 29min
ISI: No Return
FP: 1" blow in 12min. DECREASED to intermittent surface blow # in 20min
FSI: No Return

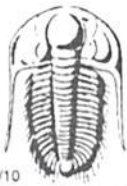
| Rec | Feet of | %gas | %oil | %water | %mud |
|----------|--------------------------|------|------|--------|------|
| <u>5</u> | <u>Mud w/oil in tool</u> | | | | |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |

Rec Total 5 BHT 96° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 160' Test 1150 T-On Location 06:40
 (B) First Initial Flow 14 Jars _____ T-Started 07:06
 (C) First Final Flow 18 Safety Joint _____ T-Open 08:32
 (D) Initial Shut-In 51 Circ Sub _____ T-Pulled 11:32
 (E) Second Initial Flow 16 Hourly Standby _____ T-Out 12:51
 (F) Second Final Flow 20 Mileage 22RT 34.10 Comments _____
 (G) Final Shut-In 46 Sampler _____
 (H) Final Hydrostatic 1519 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60
 Sub Total 1184.10
 Approved By _____ Our Representative Andy Carr
 Sub Total 1184.10 MP/DST Disc't _____

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53640

Well Name & No. Rome #3 Test No. 3 Date 10-13-13
 Company DREILING Oil Co. Elevation 1984 KB 1976 GL
 Address PO BOX 550 Hays, Ks. 67601+2431
 Co. Rep / Geo. Roger Fisher Rig DISCOVERY #1
 Location: Sec. 26 Twp. 13s Rge. 17w Co. Ellis State Ks

Interval Tested 3372-3442 Zone Tested LKC "H, I, J"
 Anchor Length 70 Drill Pipe Run 3313 Mud Wt. 8.9
 Top Packer Depth 3367 Drill Collars Run 60 Vis 53
 Bottom Packer Depth 3372 Wt. Pipe Run 0 WL 7.6
 Total Depth 3442 Chlorides 2500 ppm System LCM 1 1/2 #

Blow Description IF: Weak surface blow
ISI: NO RETURN
FF: Weak surface blow
FST: NO RETURN

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------|------------|------|------|--------|------|
| <u>10</u> | <u>OSM</u> | | | | |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |

Rec Total 10 BHT 97° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 (A) Initial Hydrostatic 1642 Test 1150 T-On Location 22:32
 (B) First Initial Flow 16 Jars _____ T-Started 23:14
 (C) First Final Flow 25 Safety Joint _____ T-Open 00:50
 (D) Initial Shut-In 159 Circ Sub _____ T-Pulled 02:50
 (E) Second Initial Flow 27 Hourly Standby _____ T-Out 04:40
 (F) Second Final Flow 28 Mileage 22RT 68.20 Comments _____
 (G) Final Shut-In 91 Sampler _____ loaded tools 10/14 18:45
 (H) Final Hydrostatic 1600 Straddle _____ Ruined Shale Packer _____

Initial Open 30 Shale Packer _____ Ruined Packer _____
 Initial Shut-In 30 Extra Packer _____ Extra Copies _____
 Final Flow 30 Extra Recorder _____ Sub Total 0
 Final Shut-In 30 Day Standby _____ Total 1218.20
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1218.20

Approved By _____ Our Representative Andy Co

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

LITHOLOGY STRIP LOG

WellSight Systems
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Rome #3
Location: S/2-NW-NW-NE/4 Section 26 T13S-R17
License Number: API: 15-051-26585-00-00
Spud Date: Oct. 9, 2013
Surface Coordinates: 335' FNL & 2310' FEL Section 26 T13S-R17W
Region: Ellis County, KS
Drilling Completed: Oct. 14, 2013

Bottom Hole Coordinates: 1976' K.B. Elevation (ft): 1984'
Ground Elevation (ft): 2900 To: TD Total Depth (ft): 3547' RTD
Logged Interval (ft): Formation: Topeka to Penn. Cong. Ar buckle Not Reached/Dry Hole
Type of Drilling Fluid: Chemical Displaced at 2850'
Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Drelling Oil, Inc.
Address: P.O. Box 550
Hays, KS 67601

GEOLOGIST

Name: Roger L. Fisher
Company: 2610 W. Rio Vista St.
Address: Wichita Kansas, 67204

COMMENTS

Surface Casing: 219' of 8 5/8"
Production Casing: None
Deviation Surveys: 1degree at 3310'
Discovery Rlg #1
Mud System: Mud Co
DSTs: Trilobite Testing Inc.
OH Logs: ELI Wireline; DILL, CDL/CNL

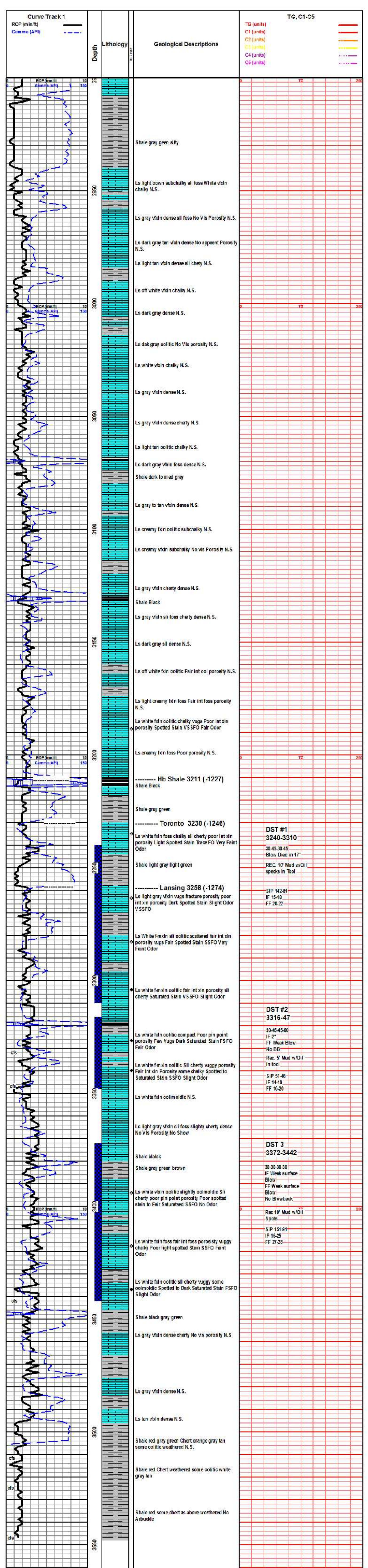
This well was plugged due to Negative Results.

ROCK TYPES

| | | | |
|-------|----------|--------|----------|
| Anhy | Congl | Lmst | Black sh |
| Bent | Sdy dolo | Mrlst | Gry sh |
| Brec | Shy dolo | Salt | Shale |
| Chl | Dol | Shale | Shylstst |
| Clyst | Gyp | Siltst | Sitysh |
| Coal | Sdy lmst | Ss | |

ACCESSORIES

| | | | |
|--|---|---|---|
| FOSSIL Algae Amph Belm Blocist Brachyzoa Cephal Coral Crin Echln Fish Foram Fossil Gastro Oolite Ostra Pelec Pellet Pisolite Plant Strom | MINERAL Fuss Oomoldic Anhy Arg Bent Bit Brecfrag Calc Carb Chtdk Chttt Dol Ferralpel Ferr Glau Gyp Marl Nodule Phos Pyr | STRINGER Anhy Arg Bent Coal Dol Gyp Ls Mrlst Siltstrg Ssstrg Carbsh Clystn Dol | TEXTURE Grysh Gryslt Lms Sandy lms Sh Siltstn Boundst Chalky Cryxin Earthy Finexln Grainst Lithogr Microxln Mudst Packst Wackest |
|--|---|---|---|



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. 7881

| | | | | | | | | | | | | | | | |
|------|---------|------|----|------|----|-------|----|--------|-------|-------|----|-------------|---------|--------|---------|
| Date | 10-9-13 | Sec. | 20 | Twp. | 13 | Range | 17 | County | ELLIS | State | KS | On Location | 3:00 PM | Finish | 5:00 PM |
|------|---------|------|----|------|----|-------|----|--------|-------|-------|----|-------------|---------|--------|---------|

Lease **Rome** Well No. **3** Owner **Sinto**
Location **Victoria and I 70 2 W 1/2 W**

Contractor **Discipoly 4**
Type Job **Surface**
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 **1 1/4** T.D. **220** Charge To **Dredging oil**
Csg. **4 5/8** Depth **219.91** Street

Tbg. Size Depth City State
Tool Depth The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. **20 FT** Shoe Joint **20 FT** Cement Amount Ordered **150 3% CC**

Meas Line Displace **12.314 BRL** **2% gel**

| EQUIPMENT | | Common | |
|-----------|----------------------------|----------|---|
| Pumptrk | 15 No. Cementer Mat | 150 | |
| Bulktrk | 14 No. Driver Nick | Poz. Mix | 3 |
| Bulktrk | 24 No. Driver Chad | Gel. | 3 |
| | | Calcium | |

JOB SERVICES & REMARKS

Remarks: Hulls
Salt
Rat Hole Flowseal
Mouse Hole Kol-Seal
Centralizers Mud CLR 48
Baskets CFL-117 or CD110 CAF 38
D/V or Port Collar Sand
Cement did
Circulate

FLOAT EQUIPMENT

Handling **158**
Mileage
Guide Shoe
Centralizer
Baskets
AFU Inserts
Float Shoe
Latch Down

Pumptrk Charge **Surface**
Mileage **13**

X Signature **Cliff Mayhew**
Tax
Discount
Total Charge

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

- **TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

- **ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

- **PRICES AND TAXES:** All merchandise listed in "QUALITY'S" current price schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

- **TOWING CHARGES:** QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

- **PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

- **DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

- **SERVICE CONDITIONS AND LIABILITIES:** 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

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. 7210

| | | | | | | | | | | | | | | | |
|-----------------------------------|---------------------------|------|----------|------------|----|-------|-------------------------|--|---------------|-------|----|---|--|--------|--------|
| Date | 10-14-13 | Sec. | 26 | Twp. | 13 | Range | 17 | County | Ellis | State | KS | On Location | | Finish | 1:30AM |
| Location | | | | | | | | | | | | I-70 & Toulon 1 1/2 N to Vineyard Rd. 3 1/2 E | | | |
| Lease | Rome | | | Well No. | 3 | | | Owner | Sn2 | | | | | | |
| Contractor | Discovery #1 | | | | | | | 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. | | | | | | | |
| Type Job | Plug | | | | | | | Charge To | Dreilling Oil | | | | | | |
| Hole Size | 7 7/8 | | | T.D. | | | | | | | | | | | |
| Csg. | | | | Depth | | | | Street | | | | | | | |
| Tbg. Size | | | | Depth | | | | City | | | | State | | | |
| Tool | | | | Depth | | | | The above was done to satisfaction and supervision of owner agent or contractor. | | | | | | | |
| Cement Left in Csg. | | | | Shoe Joint | | | | Cement Amount Ordered 270sx 60/40 4% gel 1/4" Flow | | | | | | | |
| Meas Line | | | | Displace | | | | | | | | | | | |
| EQUIPMENT | | | | | | | | | | | | | | | |
| Pumptrk | 5 | No. | Cementor | | | | Common | 162 | | | | | | | |
| | | | Helper | Loonie W. | | | Poz. Mix | 108 | | | | | | | |
| Bulktrk | 19 | No. | Driver | | | | Gel. | 10 | | | | | | | |
| | | | Driver | Doug | | | Calcium | | | | | | | | |
| Bulktrk | P4 | No. | Driver | | | | Hulls | | | | | | | | |
| | | | Driver | Travis | | | Salt | | | | | | | | |
| JOB SERVICES & REMARKS | | | | | | | | | | | | | | | |
| Remarks: | | | | | | | Flowseal | 67# | | | | | | | |
| Rat Hole | 30sx | | | | | | Kol-Seal | | | | | | | | |
| Mouse Hole | 15sx | | | | | | Mud CLR 48 | | | | | | | | |
| Centralizers | | | | | | | CFL-117 or CD110 CAF 38 | | | | | | | | |
| Baskets | | | | | | | Sand | 280 | | | | | | | |
| D/V or Port Collar | | | | | | | Handling | | | | | | | | |
| | 50sx at 20' Above ARB | | | | | | Mileage | | | | | | | | |
| | 25sx at 1175' | | | | | | FLOAT EQUIPMENT | | | | | | | | |
| | 100sx at 600' | | | | | | Guide Shoe | | | | | | | | |
| | 40sx at 270' | | | | | | Centralizer | | | | | | | | |
| | 10sx at 40 with wood Plug | | | | | | Baskets | | | | | | | | |
| Quality Oilwell | | | | | | | | | | | | | | | |
| Cementing | | | | | | | | | | | | | | | |
| | | | | | | | | AFU Inserts | | | | | | | |
| | | | | | | | | Float Shoe | | | | | | | |
| | | | | | | | | Latch Down | | | | | | | |
| | | | | | | | | 1 wood Plug | | | | | | | |
| | | | | | | | | Pumptrk Charge | plug | | | | | | |
| | | | | | | | | Mileage | 13 | | | | | | |
| | | | | | | | | Tax | | | | | | | |
| | | | | | | | | Discount | | | | | | | |
| | | | | | | | | Total Charge | | | | | | | |
| X Signature | Cliff Mayfield | | | | | | | | | | | | | | |

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

- **TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

- **ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

- **PRICES AND TAXES:** All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

- **TOWING CHARGES:** QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

- **PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

- **DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

- **SERVICE CONDITIONS AND LIABILITIES:** 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be constructed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.