



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: _____



1094487

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: 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: <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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: _____ _____ |
|---|---|--|



DRILL STEM TEST REPORT

Prepared For: **Charter Energy**

P0 Box 252
Great Bend KS 67530

ATTN: Josh Austin

Gary Leiker #1

31-15s-18w Ellis,KS

Start Date: 2012.04.16 @ 10:51:00

End Date: 2012.04.16 @ 15:58:09

Job Ticket #: 45832 DST #: 1

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

Printed: 2012.04.19 @ 11:36:46



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Charter Energy
 PO Box 252
 Great Bend KS 67530
 ATTN: Josh Austin

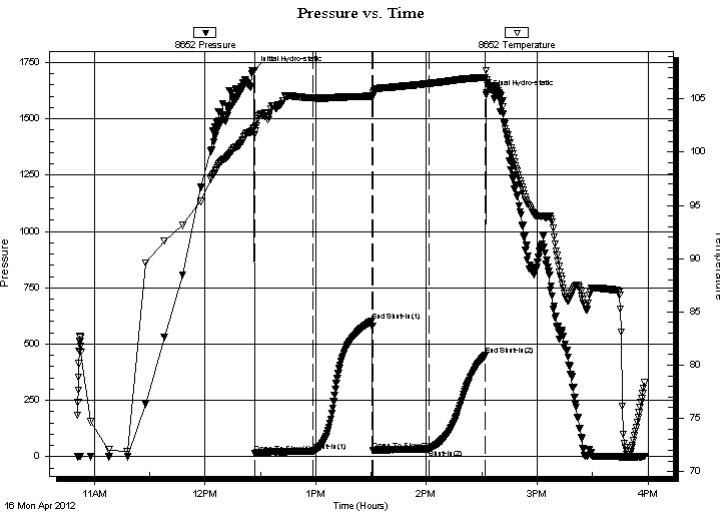
31-15s-18w Ellis,KS
Gary Leiker #1
 Job Ticket: 45832 **DST#: 1**
 Test Start: 2012.04.16 @ 10:51:00

GENERAL INFORMATION:

Formation: **Lansing I & J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:26:55
 Time Test Ended: 15:58:09
 Interval: **3432.00 ft (KB) To 3478.00 ft (KB) (TVD)**
 Total Depth: 3478.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Will MacLean
 Unit No: 40
 Reference Elevations: 1992.00 ft (KB)
 1985.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8652 Inside
 Press @ Run Depth: 35.32 psig @ 3433.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.04.16 End Date: 2012.04.16 Last Calib.: 2012.04.16
 Start Time: 10:51:00 End Time: 15:58:09 Time On Btm: 2012.04.16 @ 12:26:40
 Time Off Btm: 2012.04.16 @ 14:32:10

TEST COMMENT: IF- Weak Surface Blow Built to 2 3/4"
 IS- No Blow
 FF- Weak Surface Blow Built to 2"
 FS- No Blow



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1715.02 | 102.31 | Initial Hydro-static |
| 1 | 15.21 | 101.63 | Open To Flow (1) |
| 32 | 25.50 | 105.09 | Shut-In(1) |
| 64 | 603.04 | 105.28 | End Shut-In(1) |
| 65 | 29.06 | 105.22 | Open To Flow (2) |
| 95 | 35.32 | 106.45 | Shut-In(2) |
| 125 | 449.32 | 107.03 | End Shut-In(2) |
| 126 | 1606.31 | 107.68 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------|--------------|
| 1.00 | GO | 0.01 |
| 44.00 | GWCM 2%g 20%w 78%m | 0.62 |
| 0.00 | 81' of GIP | 0.00 |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charter Energy

31-15s-18w Ellis,KS

PO Box 252
Great Bend KS 67530

Gary Leiker #1

Job Ticket: 45832

DST#: 1

ATTN: Josh Austin

Test Start: 2012.04.16 @ 10:51:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3420.00 ft | Diameter: 3.80 inches | Volume: 47.97 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: 24000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 2.25 inches | Volume: 0.00 bbl | Weight to Pull Loose: 4000.00 lb |
| | | | <u>Total Volume: 47.97 bbl</u> | Tool Chased: ft |
| Drill Pipe Above KB: | 8.00 ft | | | String Weight: Initial 40000.00 lb |
| Depth to Top Packer: | 3432.00 ft | | | Final 40000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 46.00 ft | | | |
| Tool Length: | 66.00 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 | | | 3413.00 | |
| Shut In Tool | 5.00 | | | 3418.00 | |
| Hydraulic tool | 5.00 | | | 3423.00 | |
| Packer | 5.00 | | | 3428.00 | 20.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 3432.00 | |
| Stubb | 1.00 | | | 3433.00 | |
| Recorder | 0.00 | 8652 | Inside | 3433.00 | |
| Recorder | 0.00 | 8322 | Outside | 3433.00 | |
| Perforations | 9.00 | | | 3442.00 | |
| Change Over Sub | 1.00 | | | 3443.00 | |
| Drill Pipe | 31.00 | | | 3474.00 | |
| Change Over Sub | 1.00 | | | 3475.00 | |
| Bullnose | 3.00 | | | 3478.00 | 46.00 Bottom Packers & Anchor |

Total Tool Length: 66.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charter Energy

31-15s-18w Ellis,KS

PO Box 252
Great Bend KS 67530

Gary Leiker #1

Job Ticket: 45832

DST#: 1

ATTN: Josh Austin

Test Start: 2012.04.16 @ 10:51:00

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:

32000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|--------------------|---------------|
| 1.00 | GO | 0.014 |
| 44.00 | GWCM 2%g 20%w 78%m | 0.617 |
| 0.00 | 81' of GIP | 0.000 |

Total Length: 45.00 ft Total Volume: 0.631 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .158 @ 82f = 32000

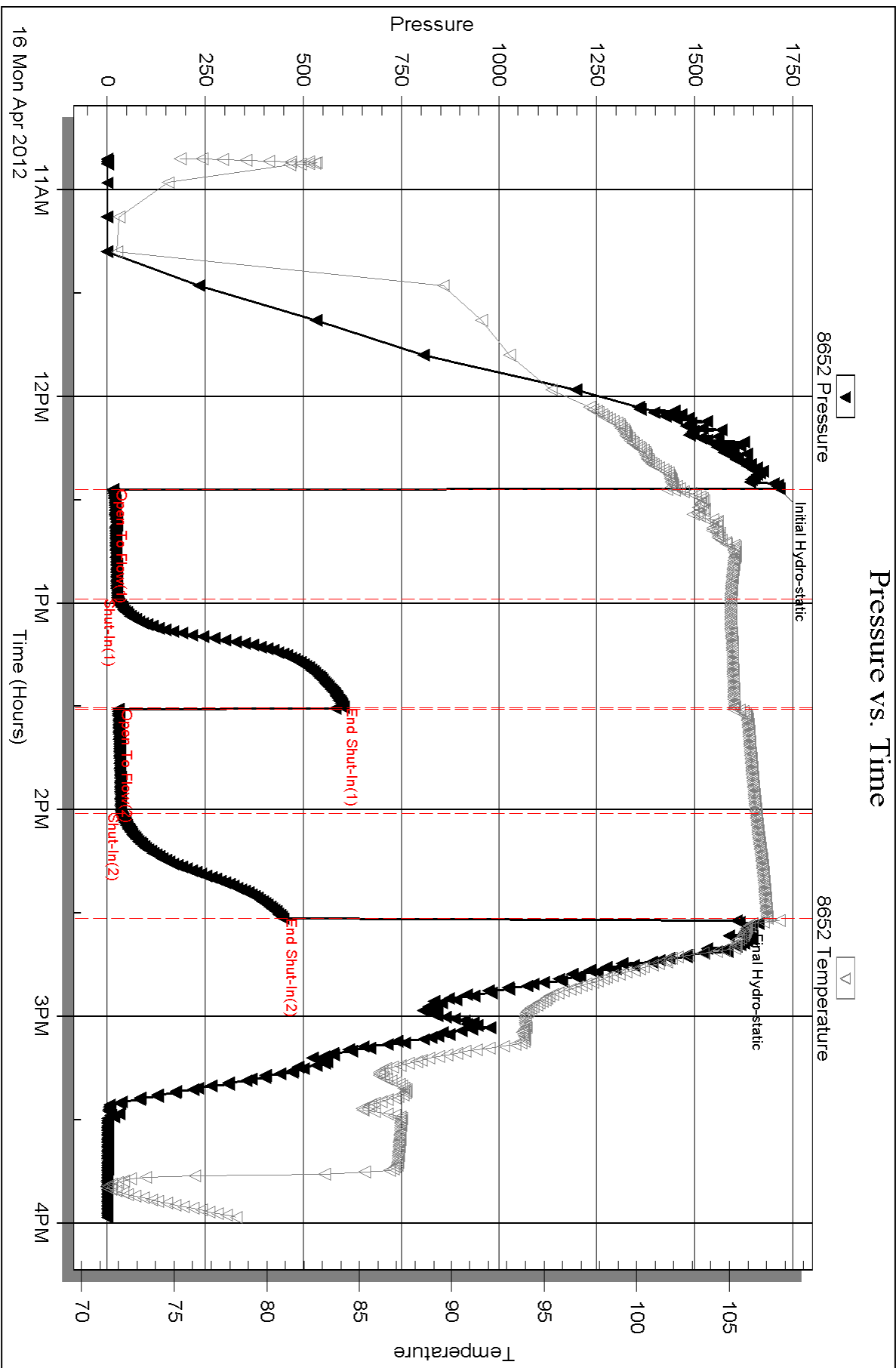
Serial #: 8652

Inside

Charter Energy

Gary Leiker #1

DST Test Number: 1

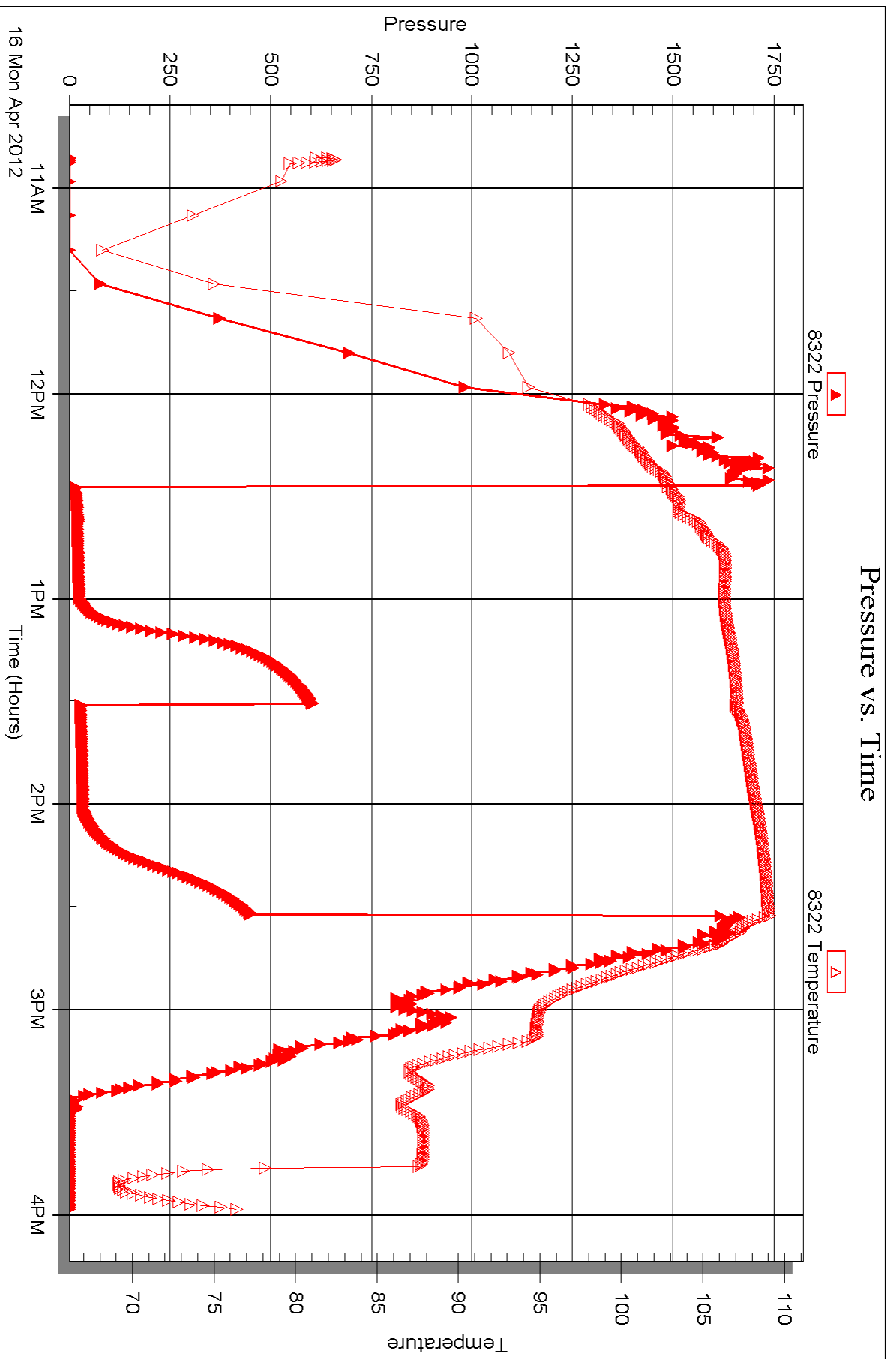


Serial #: 8322

Outside Charter Energy

Gary Leiker #1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 45832

Printed: 2012.04.19 @ 11:36:49



DRILL STEM TEST REPORT

Prepared For: **Charter Energy**

P0 Box 252
Great Bend KS 67530

ATTN: Josh Austin

Gary Leiker #1

31-15s-18w Ellis,KS

Start Date: 2012.04.17 @ 04:52:00

End Date: 2012.04.17 @ 09:16:39

Job Ticket #: 45833 DST #: 2

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

Printed: 2012.04.19 @ 11:36:12



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Charter Energy
 PO Box 252
 Great Bend KS 67530
 ATTN: Josh Austin

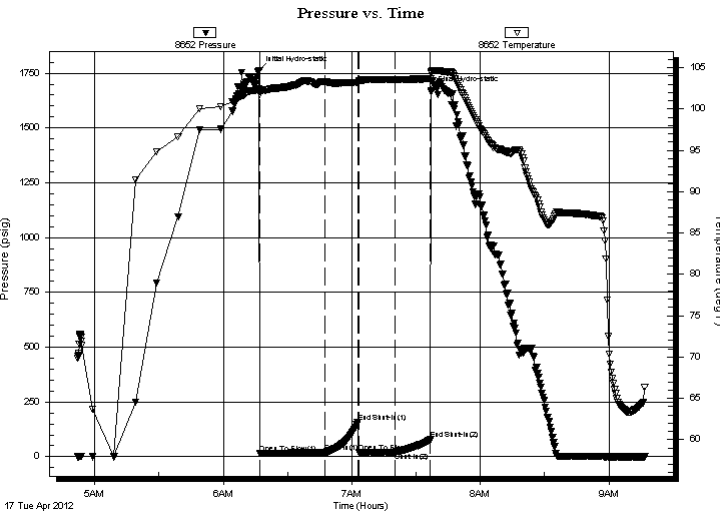
31-15s-18w Ellis,KS
Gary Leiker #1
 Job Ticket: 45833 **DST#: 2**
 Test Start: 2012.04.17 @ 04:52:00

GENERAL INFORMATION:

Formation: **Marmaton / Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:16:55
 Time Test Ended: 09:16:39
 Interval: **3514.00 ft (KB) To 3590.00 ft (KB) (TVD)**
 Total Depth: 3590.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Will MacLean
 Unit No: 40
 Reference Elevations: 1992.00 ft (KB)
 1985.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8652 Inside
 Press @ Run Depth: 21.39 psig @ 3515.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.04.17 End Date: 2012.04.17 Last Calib.: 2012.04.17
 Start Time: 04:52:00 End Time: 09:16:39 Time On Btm: 2012.04.17 @ 06:16:40
 Time Off Btm: 2012.04.17 @ 07:36:55

TEST COMMENT: IF- Weak Surface Blow Built to 1 1/4"
 IS- No Blow
 FF- Weak Surface Blow
 FS- No Blow



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1762.76 | 102.47 | Initial Hydro-static |
| 1 | 16.00 | 101.79 | Open To Flow (1) |
| 31 | 19.04 | 103.31 | Shut-In(1) |
| 46 | 156.12 | 103.23 | End Shut-In(1) |
| 47 | 19.13 | 103.39 | Open To Flow (2) |
| 64 | 21.39 | 103.54 | Shut-In(2) |
| 80 | 77.75 | 103.67 | End Shut-In(2) |
| 81 | 1668.77 | 104.43 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------|--------------|
| 23.00 | GOCM 4%g 4%oil 92%m | 0.32 |
| 2.00 | GO 3%g 97%oil | 0.03 |
| 0.00 | 38' of GIP | 0.00 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charter Energy

31-15s-18w Ellis,KS

PO Box 252
Great Bend KS 67530

Gary Leiker #1

Job Ticket: 45833

DST#: 2

ATTN: Josh Austin

Test Start: 2012.04.17 @ 04:52:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3511.00 ft | Diameter: 3.80 inches | Volume: 49.25 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: 24000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 2.25 inches | Volume: 0.00 bbl | Weight to Pull Loose: 6000.00 lb |
| | | | <u>Total Volume: 49.25 bbl</u> | Tool Chased: ft |
| Drill Pipe Above KB: | 17.00 ft | | | String Weight: Initial 42000.00 lb |
| Depth to Top Packer: | 3514.00 ft | | | Final 42000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 76.00 ft | | | |
| Tool Length: | 96.00 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 | | | 3495.00 | |
| Shut In Tool | 5.00 | | | 3500.00 | |
| Hydraulic tool | 5.00 | | | 3505.00 | |
| Packer | 5.00 | | | 3510.00 | 20.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 3514.00 | |
| Stubb | 1.00 | | | 3515.00 | |
| Recorder | 0.00 | 8652 | Inside | 3515.00 | |
| Recorder | 0.00 | 8322 | Outside | 3515.00 | |
| Perforations | 7.00 | | | 3522.00 | |
| Change Over Sub | 1.00 | | | 3523.00 | |
| Drill Pipe | 63.00 | | | 3586.00 | |
| Change Over Sub | 1.00 | | | 3587.00 | |
| Bullnose | 3.00 | | | 3590.00 | 76.00 Bottom Packers & Anchor |

Total Tool Length: 96.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charter Energy

31-15s-18w Ellis,KS

PO Box 252
Great Bend KS 67530

Gary Leiker #1

Job Ticket: 45833

DST#: 2

ATTN: Josh Austin

Test Start: 2012.04.17 @ 04:52:00

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|---------------------|----------------|
| 23.00 | GOCM 4%g 4%oil 92%m | 0.323 |
| 2.00 | GO 3%g 97%oil | 0.028 |
| 0.00 | 38' of GIP | 0.000 |

Total Length: 25.00 ft Total Volume: 0.351 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8652

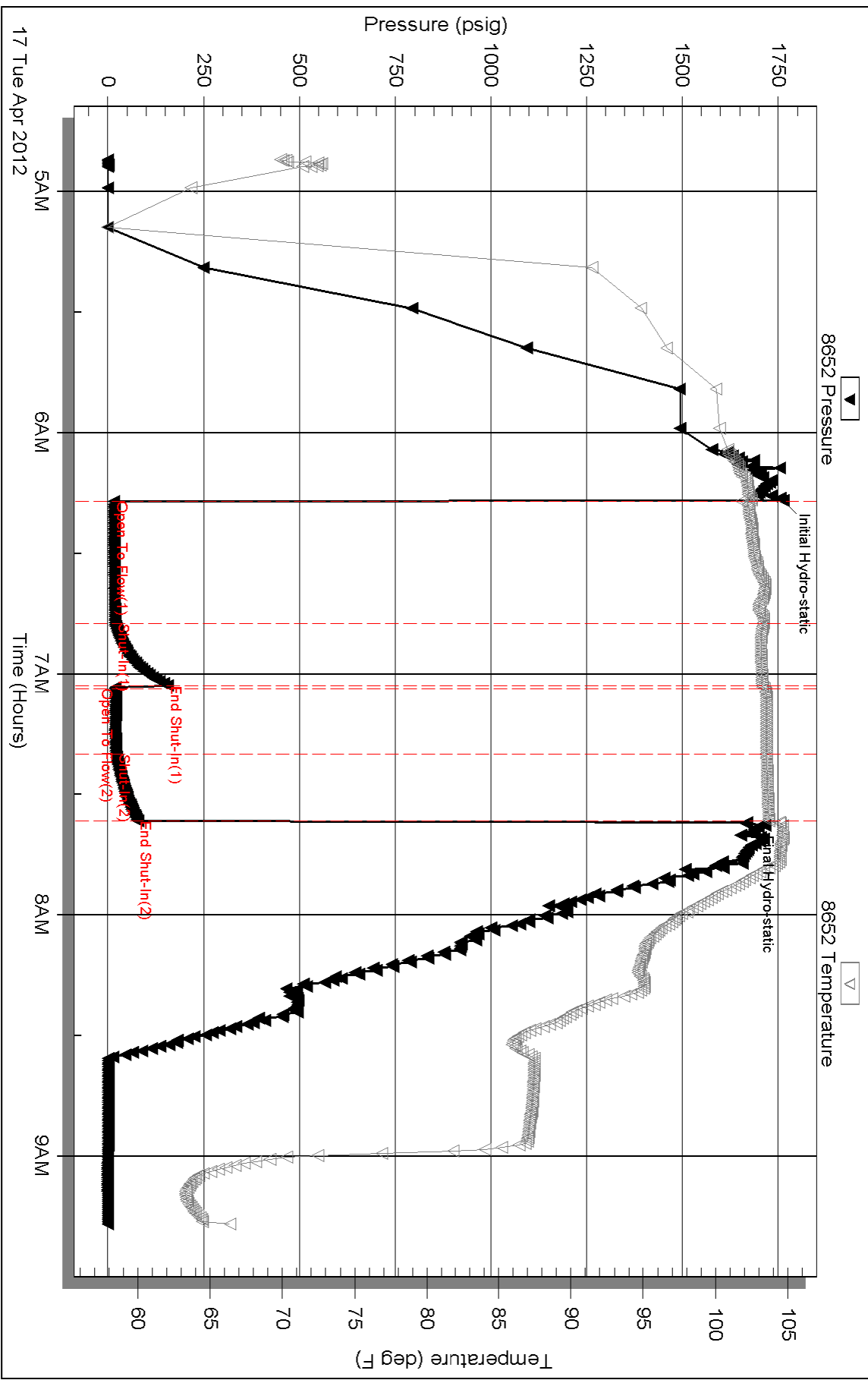
Inside

Charter Energy

Gary Leiker #1

DST Test Number: 2

Pressure vs. Time

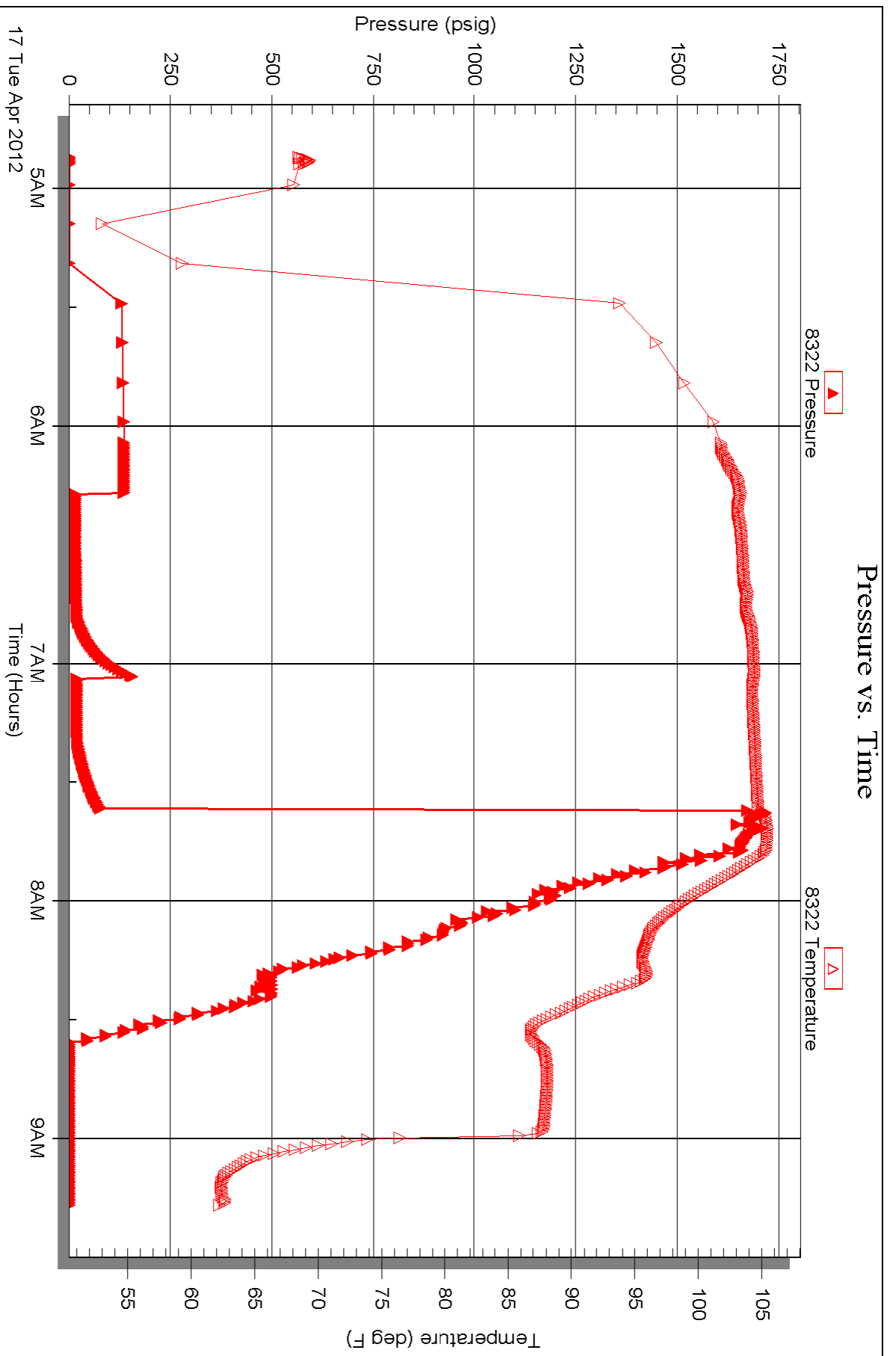


Serial #: 8322

Outside Charter Energy

Gary Leiker #1

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 17 2012

Test Ticket

NO. 45832

Well Name & No. Gary Leiker #1 Test No. DST #1 Date 4-16-12
 Company Charter Energy Elevation 1992 KB 1985 GL
 Address P.O. Box 252 Great Bend KS 67530
 Co. Rep / Geo. Josh Austin Rig Royal Rig #1
 Location: Sec. 31 Twp. 15S Rge. 18W Co. Ellis State KS

Interval Tested 3432-3478 Zone Tested Lansing I, J
 Anchor Length 46 Drill Pipe Run 3420 Mud Wt. 9.2
 Top Packer Depth 3428 Drill Collars Run 0 Vis 52
 Bottom Packer Depth 3432 Wt. Pipe Run 0 WL 7.2
 Total Depth 3478 Chlorides 2600 ppm System LCM 1

Blow Description IF - Weak Surface Blow Built to 2 3/4"
ISI - No Blow
FF - Weak Surface Blow Built to 2"
FSI - No Blow

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------|--------------------|-----------|-------------|------------|------------|
| <u>1</u> | <u>G-O</u> | | <u>100%</u> | | |
| <u>44</u> | <u>G-WCM</u> | <u>2%</u> | | <u>20%</u> | <u>78%</u> |
| | | | | | |
| | | | | | |
| | <u>81' of G-IP</u> | | | | |

Rec Total 45 BHT 105 Gravity API RW 158 @ 82 °F Chlorides 32000 ppm

(A) Initial Hydrostatic 1715 Test 1150 T-On Location 10:08 AM
 (B) First Initial Flow 15 Jars T-Started 10:51 AM
 (C) First Final Flow 25 Safety Joint T-Open 12:26
 (D) Initial Shut-In 603 Circ Sub NC T-Pulled 14:32
 (E) Second Initial Flow 29 Hourly Standby T-Out 15:58
 (F) Second Final Flow 35 Mileage 4.2 RT, 105.10
 (G) Final Shut-In 449 Sampler
 (H) Final Hydrostatic 1606 Straddle

Note enough oil to set gravity
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1215.10
 MP/DST Disc't

Initial Open 30 Extra Packer
 Initial Shut-In 30 Extra Recorder
 Final Flow 30 Day Standby
 Final Shut-In 30 Accessibility
 Sub Total 1215.10

Approved By [Signature] Our Representative Will Mast

Triobite Testing Inc. shall not be liable for damaged or 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.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 17 2012

Test Ticket

NO. 45833

Well Name & No. Gary Leiker #1 Test No. DST #2 Date 4-17-12
 Company Charter Energy Elevation 1992 KB 1985 GL
 Address P.O. Box 252 Great Bend KS 67530
 Co. Rep / Geo. Josh Austin Rig Royal Rs #1
 Location: Sec. 31 Twp. 15s Rge. 18w Co. Ellis State KS

Interval Tested 3514 - 3590 Zone Tested Marmaton / Arbuckle
 Anchor Length 76 Drill Pipe Run 3511 Mud Wt. 9.2
 Top Packer Depth 3510 Drill Collars Run 0 Vis 58
 Bottom Packer Depth 3514 Wt. Pipe Run 0 WL 7.2
 Total Depth 3590 Chlorides 2800 ppm System LCM 3/5
 Blow Description IF - Weak Surface Blow Built to 1/4
ISI - No Blow
FF - Weak Surface Blow
FST - No Blow

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------|--------------------|-----------|------------|------------|------|
| <u>2</u> | <u>Oil</u> | <u>3%</u> | <u>97%</u> | | |
| <u>23</u> | <u>OCM</u> | <u>4%</u> | <u>4%</u> | <u>92%</u> | |
| | <u>38' of G-TP</u> | | | | |
| | | | | | |
| | | | | | |

Rec Total 25 BHT 102 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 (A) Initial Hydrostatic 1762 Test 1150 T-On Location 4:32 AM
 (B) First Initial Flow 16 Jars T-Started 4:52 AM
 (C) First Final Flow 19 Safety Joint T-Open 6:16
 (D) Initial Shut-In 156 Circ Sub N/C T-Pulled 7:36
 (E) Second Initial Flow 19 Hourly Standby T-Out 9:16
 (F) Second Final Flow 21 Mileage 42 RT 65.10 Comments _____
 (G) Final Shut-In 77 Sampler _____
 (H) Final Hydrostatic 1668 Straddle _____

Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Initial Open 30 Extra Packer
 Initial Shut-In 15 Extra Recorder
 Final Flow 15 Day Standby
 Final Shut-In 15 Accessibility
 Sub Total 1215.10 MP/DST Disc't _____

Approved By [Signature] Our Representative Will Maylen

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.

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. 367

| | | | | | | | | | | | | | | | |
|---------------------|------------------|------|------------|----------|----|--|----------------------|--------|-------|-------|--------|-------------|--|--------|---------|
| Date | 4-12-12 | Sec. | 31 | Twp. | 15 | Range | 18 | County | ELLIS | State | KANSAS | On Location | | Finish | 10:00pm |
| Lease | GARY LEISER | | Well No. | 1 | | Location HAYS 183 TO S. COUNTY LINE RD - 25 W - N INTO | | | | | | | | | |
| Contractor | ROYAL DETLING #1 | | | | | Owner | CHARTER ENERGY, INC. | | | | | | | | |
| Type Job | LONG 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 | 12 1/4 | | T.D. | 1165.57 | | Charge To | CHARTER ENERGY, INC. | | | | | | | | |
| Csg. | 8 5/8" - 23LB | | Depth | 1174.57 | | To | | | | | | | | | |
| Tbg. Size | | | Depth | | | Street | P.O. Box 252 | | | | | | | | |
| Tool | | | Depth | | | City | GREAT BEND | | | State | KS. | | | | |
| Cement Left in Csg. | | | Shoe Joint | 35.85 | | The above was done to satisfaction and supervision of owner agent or contractor. | | | | | | | | | |
| Meas Line | | | Displace | 72.5 BLS | | Cement Amount Ordered | 450 com - 3cc - 2gel | | | | | | | | |

EQUIPMENT

| | | | | | |
|---------|----|-----|------------------|------|----------|
| Pumptrk | 15 | No. | Cement Helper | ALSO | Common |
| Bulktrk | 13 | No. | Driver | NICK | Poz. Mix |
| Bulktrk | | No. | Driver | | Gel. |

JOB SERVICES & REMARKS

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

FLOAT EQUIPMENT

| | |
|----------------|---------------------------|
| Guide Shoe | |
| Centralizer | |
| Baskets | |
| AFU Inserts | |
| Float Shoe | |
| Latch Down | |
| | 1- 8 5/8" RUBBER PLUG |
| | 1- 8 5/8" HEAD & MANIFOLD |
| Pumptrk Charge | |
| Mileage | |

CEMENT DID CIRCULATE!

THANK YOU!

| | | | |
|-----------|------------|--------------|--|
| Signature | Doug Bodig | Tax | |
| | | Discount | |
| | | Total Charge | |

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Federal Tax I.D.# 20-2886107

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

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

No. 371

| | | | | | | | | | | | | | | | |
|---------------------|-----------------------|------|------------|--|----|--|----|--------|-------|-------|--------|-------------|--|--------|----------|
| Date | 4-17-12 | Sec. | 31 | Twp. | 15 | Range | 18 | County | ELLIS | State | KANSAS | On Location | | Finish | 12:00 AM |
| Lease | GAIL LEIKER | | Well No. | 1 | | Location: Hays St on 183 to S countine rd - 3 mi W - NETCO | | | | | | | | | |
| Contractor | ROYAL DRILLING RIG #1 | | | | | Owner: CHARTER ENERGY | | | | | | | | | |
| Type Job | ROTARY PLUG | | | | | 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. | 3650' | | | | | | | | | | | |
| Csg. | | | Depth | | | | | | | | | | | | |
| Tbg. Size | | | Depth | | | | | | | | | | | | |
| Tool | | | Depth | | | | | | | | | | | | |
| Cement Left in Csg. | | | Shoe Joint | | | | | | | | | | | | |
| Meas Line | | | Displace | Cement Amount Ordered 200 SKS 60/40-4% - 1/4 lb SEAL | | | | | | | | | | | |

EQUIPMENT

| | | | | | |
|---------|-----|-----|---------------|-------|----------|
| Pumptrk | 15 | No. | Cement Helper | PAUL | Common |
| Bulktrk | 10 | No. | Driver | LEVY | Poz. Mix |
| Bulktrk | P/U | No. | Driver | CISCO | Gel. |

JOB SERVICES & REMARKS

| | |
|--------------------|-------------------------|
| Remarks: | Calcium |
| Rat Hole 30 SKS. | Hulls |
| Mouse Hole 15 SKS. | Salt |
| Centralizers | Flowseal |
| Baskets | Kol-Seal |
| D/V or Port Collar | Mud CLR 48 |
| | CFL-117 or CD110 CAF 38 |
| | Sand |
| 3630' - 25 SKS | Handling |
| 1215' - 40 SKS | Mileage |
| 485' - 80 SKS | |
| 40' - 10 SKS | |

FLOAT EQUIPMENT

| | |
|--|-----------------------|
| | Guide Shoe |
| | Centralizer |
| | Baskets |
| | AFU Inserts |
| | Float Shoe |
| | Latch Down |
| | 8 5/8" DEL. HOLE PLUG |
| | Pumptrk Charge |
| | Mileage |

| | |
|--------------------------------|--------------|
| | Tax |
| | Discount |
| X Signature <i>[Signature]</i> | Total Charge |