



KANSAS CORPORATION COMMISSION 1075609
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

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: _____



1075609

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

| | |
|-----------|------------------------|
| Form | ACO1 - Well Completion |
| Operator | Cholla Production, LLC |
| Well Name | Bontrager 1-32 |
| Doc ID | 1075609 |

All Electric Logs Run

| |
|-------------|
| |
| Induction |
| Micro Log |
| Neu Den Mic |
| Sonic |
| Hi Res |

| | |
|-----------|------------------------|
| Form | ACO1 - Well Completion |
| Operator | Cholla Production, LLC |
| Well Name | Bontrager 1-32 |
| Doc ID | 1075609 |

Perforations

| Shots Per Foot | Perforation Record | Material Record | Depth |
|----------------|--------------------|---|------------------|
| 4 | 4682-86 | 8.5 bbls 7 1/2% NEFE HCL | 4682-86 |
| | | 1500 gal NEFE 15% HCL/18bbls | |
| 2 | 4652-57 | 4bbls NEFE 7 1/2% HCL/ 6 bbls KCL | 4652-57 |
| | Frac | 480bbls KCL WTR/18000#SD | |
| 2 | 4550-60 | 1500gal NEFE 20% HCL / 18bbls KCL | 4550-60 |
| 4 | 4454-58/ 4431-34 | 1200gal NEFE 20%HCL/ 3000 gal NEFE 15% HCL(gelled) | 4454-58/ 4431-34 |
| 4 | 4350-54 | 750 gal NEFE 15% KCL | |

ALLIED CEMENTING CO., LLC. 043378

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Dakley, KS

| | | | | | | | |
|-------------------------|-------------------|-----------------------------------|-----------------|---------------|-------------|-------------------------|--------------------------|
| DATE <u>8-6-11</u> | SEC. <u>32</u> | TWP. <u>19</u> | RANGE <u>33</u> | CALLED OUT | ON LOCATION | JOB START <u>6:00pm</u> | JOB FINISH <u>6:30pm</u> |
| LEASE <u>Low Water</u> | WELL # <u>132</u> | LOCATION <u>Shallowater 4W 15</u> | | | | COUNTY <u>Scott</u> | STATE <u>KS</u> |
| OLD OR NEW (Circle one) | | | | <u>Wintco</u> | | | |

CONTRACTOR WV-2 2

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 263'

CASING SIZE 8 1/8 DEPTH 262.77

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15 ft

PERFS.

DISPLACEMENT 1585

OWNER same

CEMENT

AMOUNT ORDERED 175 SKI from 370 PC
270 gal

| | | | | |
|----------|-----------------|---|--------------|----------------|
| COMMON | <u>175 SKI</u> | @ | <u>16.25</u> | <u>2843.75</u> |
| POZMIX | | @ | | |
| GEL | <u>3 SKI</u> | @ | <u>21.25</u> | <u>63.75</u> |
| CHLORIDE | <u>6 SKI</u> | @ | <u>58.20</u> | <u>349.20</u> |
| ASC | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| HANDLING | <u>184 SKI</u> | @ | <u>2.25</u> | <u>414.00</u> |
| MILEAGE | <u>114 mile</u> | | | <u>1173.92</u> |
| TOTAL | | | | <u>4544.62</u> |

EQUIPMENT

PUMP TRUCK CEMENTER Lakone

431 HELPER Darren

BULK TRUCK

347 DRIVER Chris

BULK TRUCK

DRIVER

REMARKS:

Mix 175 SKI down 8 1/8 casing

Awarded circulate

Thank you

SERVICE

| | | | |
|----------------------|-------------------------------|---|----------------|
| DEPTH OF JOB | <u>262.77</u> | | |
| PUMP TRUCK CHARGE | | | <u>1125.00</u> |
| EXTRA FOOTAGE | | @ | |
| MILEAGE | <u>58 X 2</u> | @ | <u>7.00</u> |
| MANIFOLD | <u>swadge</u> | @ | <u>375.00</u> |
| | <u>Light detrital per log</u> | @ | <u>4.00</u> |
| | | @ | |
| TOTAL <u>2726.00</u> | | | |

CHARGE TO: Cholla

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

| | | | |
|-------------|---|--|--|
| | @ | | |
| | @ | | |
| | @ | | |
| | @ | | |
| | @ | | |
| TOTAL _____ | | | |

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Loni Chang

SIGNATURE Loni Chang

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Cholla Production LLC
7851 S Elati St Ste 201
Littleton, Co 80120
ATTN: Bill Goff

Bontrager 1-32
32-19s-33w Scott, KS
Job Ticket: 43677 **DST#: 1**
Test Start: 2011.08.11 @ 05:57:41

GENERAL INFORMATION:

Formation: **LKC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:05:36
Time Test Ended: 13:48:35
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Interval: **4264.00 ft (KB) To 4324.00 ft (KB) (TVD)**
Reference Elevations: 2983.00 ft (KB)
Total Depth: 4324.00 ft (KB) (TVD)
2978.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good
KB to GR/CF: 5.00 ft

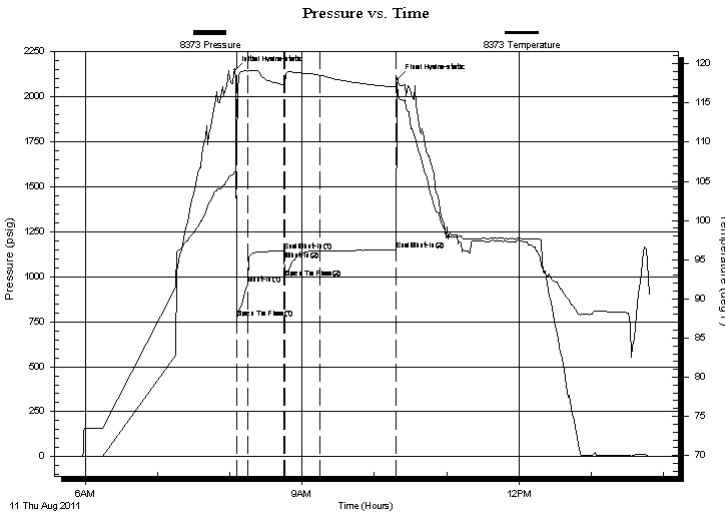
Serial #: 8373

Inside

Press @ Run Depth: 1143.96 psig @ 4265.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.08.11 End Date: 2011.08.11 Last Calib.: 2011.08.11
Start Time: 05:57:41 End Time: 13:48:35 Time On Btm: 2011.08.11 @ 08:04:06
Time Off Btm: 2011.08.11 @ 10:19:20

TEST COMMENT: IF: BOB in 1 min.
IS: No return.
FF: BOB in 2 min.
FS: No return.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2147.67 | 106.17 | Initial Hydro-static |
| 2 | 771.50 | 109.21 | Open To Flow (1) |
| 11 | 957.64 | 119.07 | Shut-In(1) |
| 41 | 1144.35 | 117.32 | End Shut-In(1) |
| 42 | 995.25 | 116.95 | Open To Flow (2) |
| 71 | 1143.96 | 118.52 | Shut-In(2) |
| 134 | 1147.26 | 117.01 | End Shut-In(2) |
| 136 | 2100.05 | 116.51 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------|--------------|
| 124.00 | water 100%w | 0.61 |
| 2108.00 | mcw 90%w 10%m | 29.57 |
| 258.00 | w cm 20%w 80%m | 3.62 |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cholla Production LLC

Bontrager 1-32

7851 S Elati St Ste 201
Littleton, Co 80120

32-19s-33w Scott, KS

Job Ticket: 43677

DST#: 1

ATTN: Bill Goff

Test Start: 2011.08.11 @ 05:57:41

Mud and Cushion Information

| | | |
|----------------------------------|----------------------------|---------------------------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: 0 deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: 24000 ppm |
| Viscosity: 62.00 sec/qt | Cushion Volume: bbl | |
| Water Loss: 9.18 in ³ | Gas Cushion Type: | |
| Resistivity: 0.00 ohm.m | Gas Cushion Pressure: psig | |
| Salinity: 4200.00 ppm | | |
| Filter Cake: 1.00 inches | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|----------------|---------------|
| 124.00 | water 100%w | 0.610 |
| 2108.00 | mcw 90%w 10%m | 29.570 |
| 258.00 | w cm 20%w 80%m | 3.619 |

Total Length: 2490.00 ft Total Volume: 33.799 bbl

Num Fluid Samples: 0

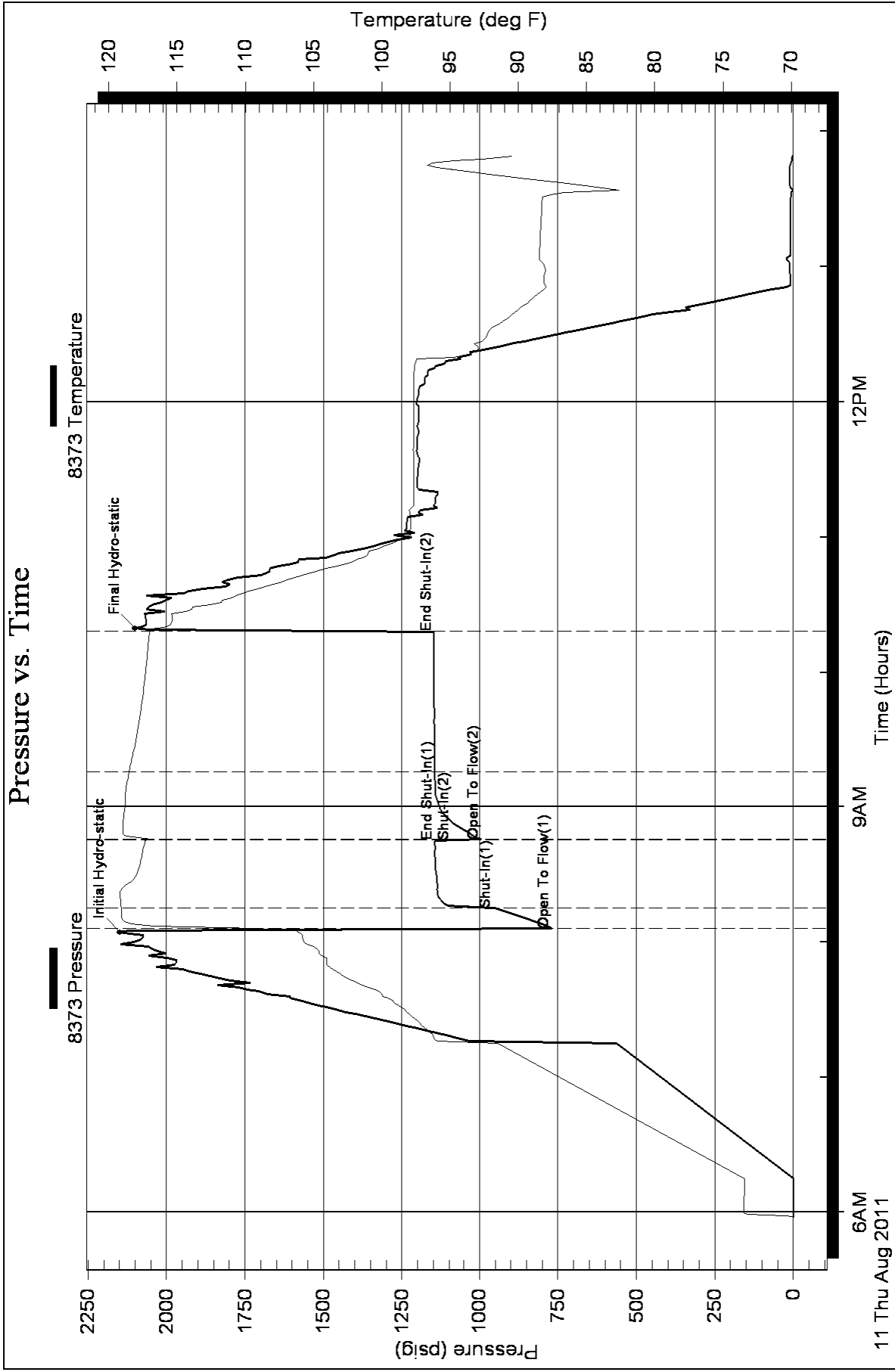
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .20@97=24000





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Cholla Production LLC
 7851 S Elati St Ste 201
 Littleton, Co 80120
 ATTN: Bill Goff

Bontrager 1-32
32-19s-33w Scott, KS
 Job Ticket: 43678 **DST#: 2**
 Test Start: 2011.08.12 @ 01:48:59

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:02:24
 Time Test Ended: 07:37:38
 Interval: **4300.00 ft (KB) To 4366.00 ft (KB) (TVD)**
 Total Depth: 4366.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Brandon Turley
 Unit No: 35
 Reference Elevations: 2983.00 ft (KB)
 2978.00 ft (CF)
 KB to GR/CF: 5.00 ft

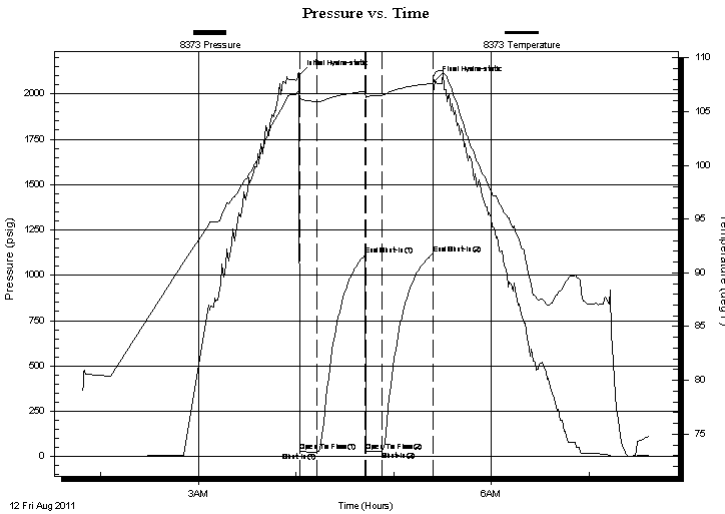
Serial #: 8373

Inside

Press @ RunDepth: 30.26 psig @ 4301.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.08.12 End Date: 2011.08.12 Last Calib.: 2011.08.12
 Start Time: 01:48:59 End Time: 07:37:38 Time On Btm: 2011.08.12 @ 04:02:09
 Time Off Btm: 2011.08.12 @ 05:25:09

TEST COMMENT: IF: 1/4 blow died in 7 min.
 IS: No return.
 FF: No blow.
 FS: No return.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2106.71 | 106.89 | Initial Hydro-static |
| 1 | 29.83 | 106.21 | Open To Flow (1) |
| 11 | 25.59 | 105.93 | Shut-In(1) |
| 41 | 1110.39 | 106.88 | End Shut-In(1) |
| 41 | 29.22 | 106.31 | Open To Flow (2) |
| 51 | 30.26 | 106.52 | Shut-In(2) |
| 82 | 1119.27 | 107.62 | End Shut-In(2) |
| 83 | 2071.25 | 108.63 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | mud 100%m | 0.02 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cholla Production LLC

Bontrager 1-32

7851 S Elati St Ste 201
Littleton, Co 80120

32-19s-33w Scott, KS

Job Ticket: 43678

DST#: 2

ATTN: Bill Goff

Test Start: 2011.08.12 @ 01:48:59

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 5.00 | mud 100%m | 0.025 |

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

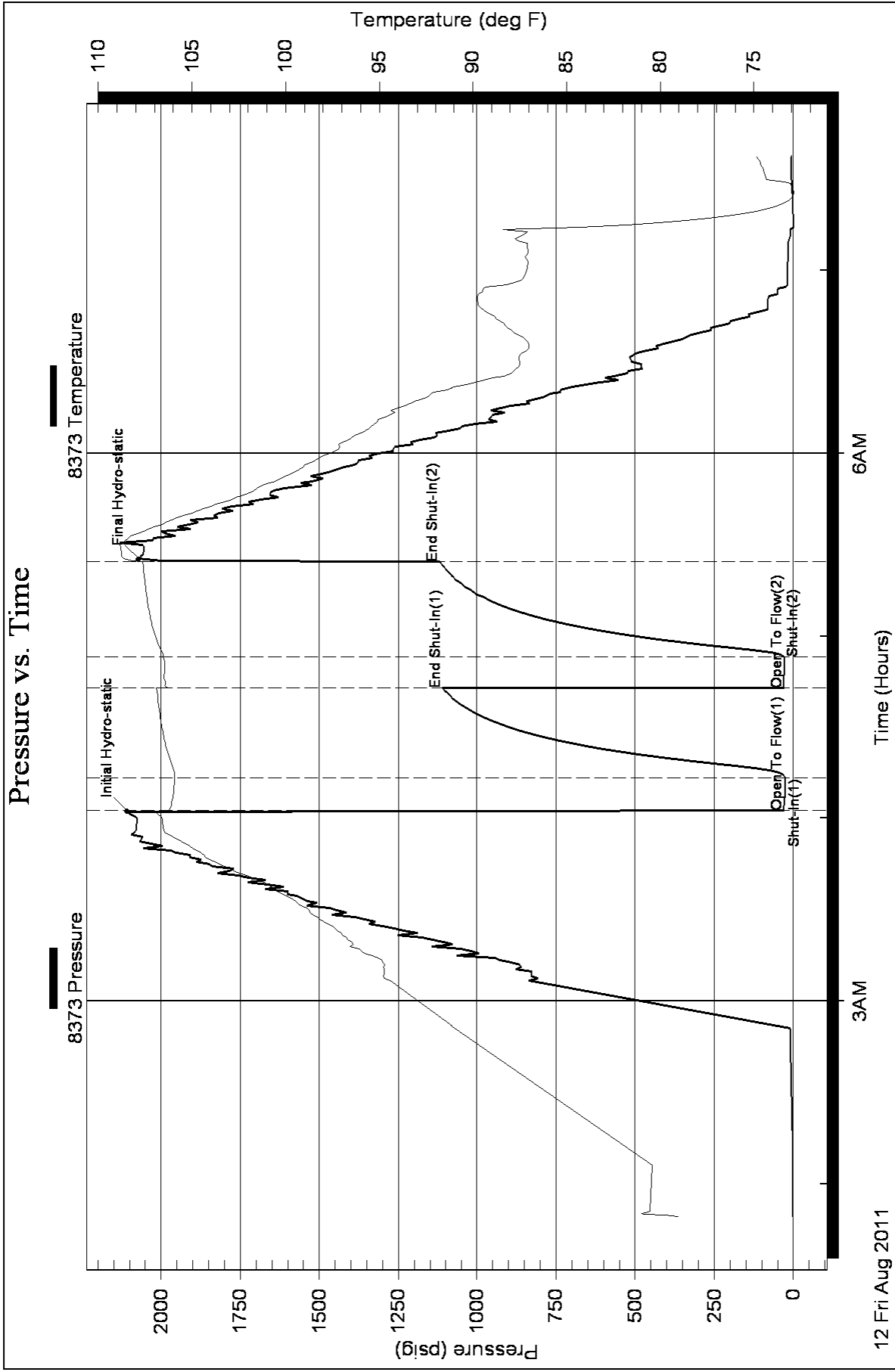
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Cholla Production LLC
7851 S Elati St Ste 201
Littleton, Co 80120
ATTN: Bill Goff

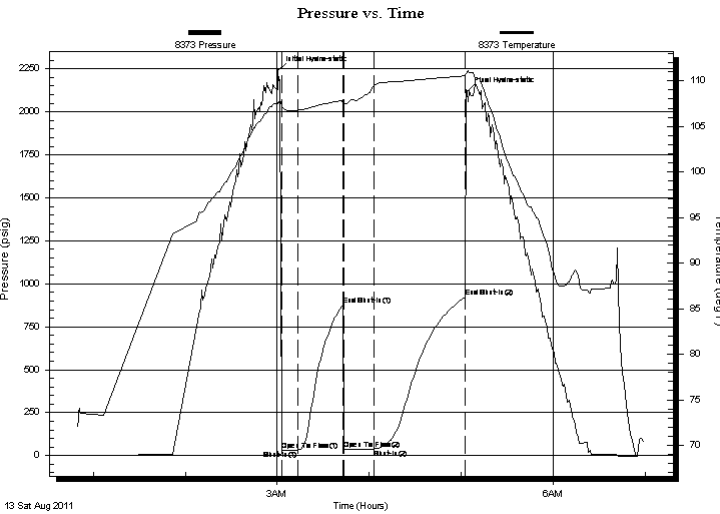
Bontrager 1-32
32-19s-33w Scott, KS
Job Ticket: 43679 **DST#: 3**
Test Start: 2011.08.13 @ 00:49:50

GENERAL INFORMATION:

Formation: **Pawnee- Ft Scott**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:02:45
Time Test Ended: 06:59:44
Interval: **4394.00 ft (KB) To 4462.00 ft (KB) (TVD)**
Total Depth: 4462.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Reference Elevations: 2983.00 ft (KB)
2978.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8373 Inside
Press @ Run Depth: 39.32 psig @ 4395.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.08.13 End Date: 2011.08.13 Last Calib.: 2011.08.13
Start Time: 00:49:50 End Time: 06:59:44 Time On Btm: 2011.08.13 @ 03:00:45
Time Off Btm: 2011.08.13 @ 05:03:45

TEST COMMENT: IF: 1/4 blow died in 8 min.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2241.48 | 107.57 | Initial Hydro-static |
| 2 | 33.69 | 107.29 | Open To Flow (1) |
| 13 | 31.68 | 106.77 | Shut-In(1) |
| 42 | 873.93 | 107.85 | End Shut-In(1) |
| 43 | 36.77 | 107.43 | Open To Flow (2) |
| 63 | 39.32 | 109.41 | Shut-In(2) |
| 122 | 924.40 | 110.55 | End Shut-In(2) |
| 123 | 2118.49 | 110.88 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | mud 100%m | 0.02 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cholla Production LLC

Bontrager 1-32

7851 S Elati St Ste 201
Littleton, Co 80120

32-19s-33w Scott, KS

Job Ticket: 43679

DST#: 3

ATTN: Bill Goff

Test Start: 2011.08.13 @ 00:49:50

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 5.00 | mud 100%m | 0.025 |

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

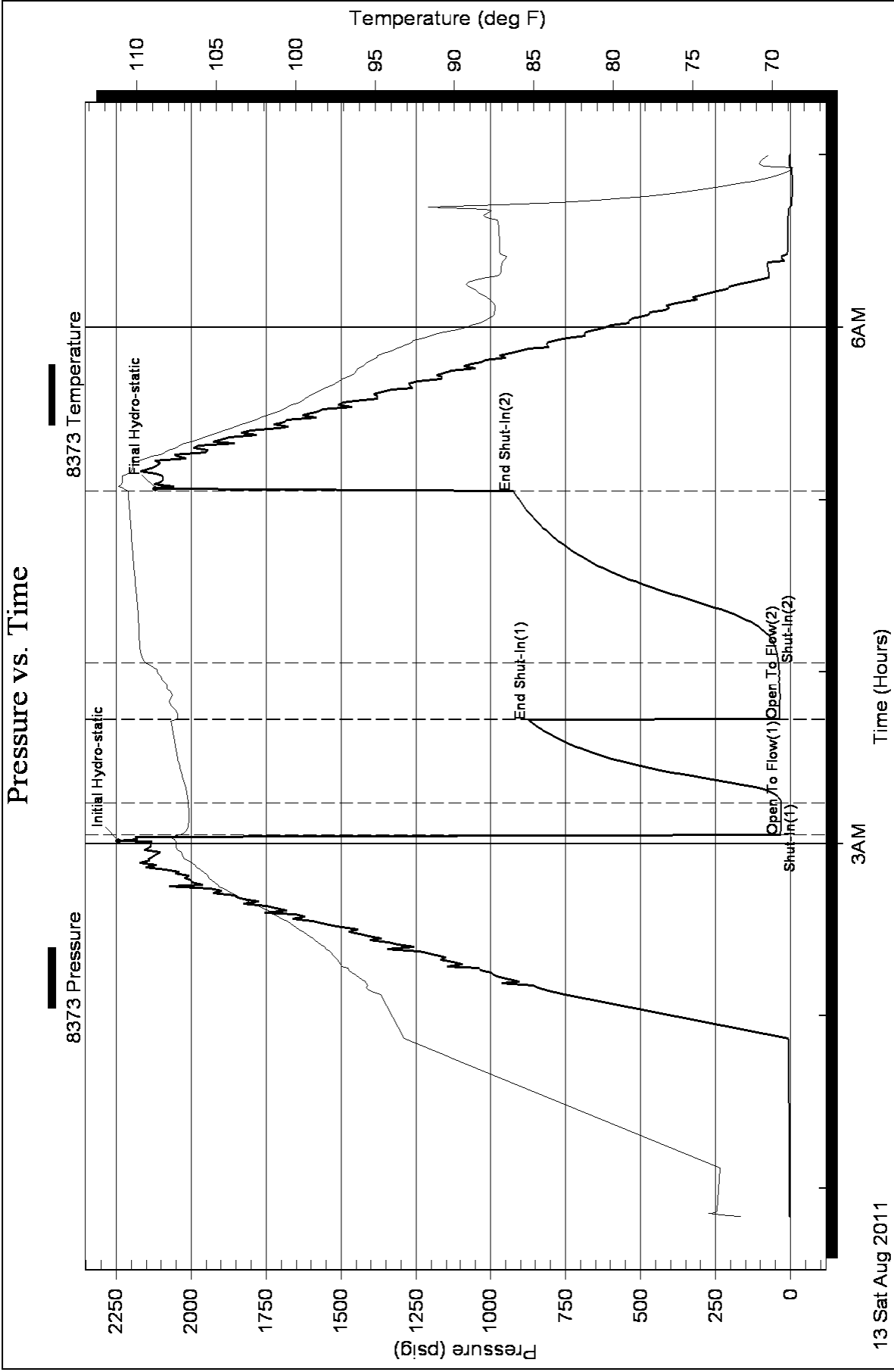
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Cholla Production LLC
 7851 S Elati St Ste 201
 Littleton, Co 80120
 ATTN: Bill Goff

Bontrager 1-32
32-19s-33w Scott, KS
 Job Ticket: 43680 **DST#: 4**
 Test Start: 2011.08.14 @ 01:11:34

GENERAL INFORMATION:

Formation: **Marrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:17:29
 Time Test Ended: 07:15:28
 Interval: **4610.00 ft (KB) To 4650.00 ft (KB) (TVD)**
 Total Depth: 4650.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Brandon Turley
 Unit No: 35
 Reference Elevations: 2983.00 ft (KB)
 2978.00 ft (CF)
 KB to GR/CF: 5.00 ft

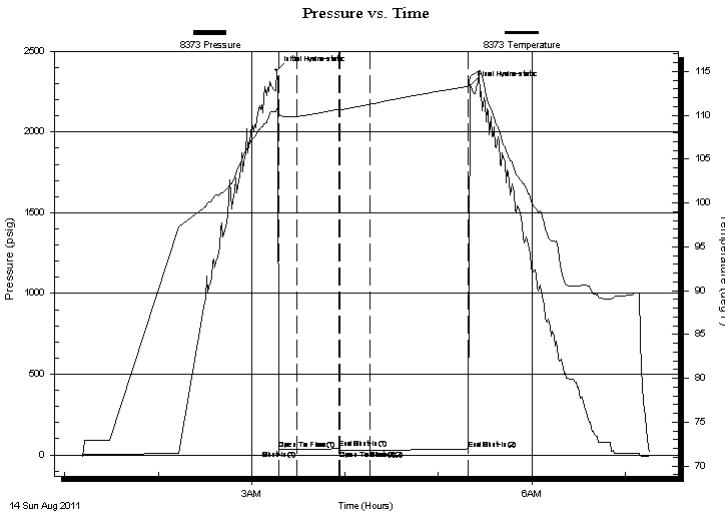
Serial #: 8373

Inside

Press @ Run Depth: 29.89 psig @ 4611.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.08.14 End Date: 2011.08.14 Last Calib.: 2011.08.14
 Start Time: 01:11:34 End Time: 07:15:28 Time On Btm: 2011.08.14 @ 03:15:59
 Time Off Btm: 2011.08.14 @ 05:19:59

TEST COMMENT: IF: Surface blow died in 6 min.
 IS: No return.
 FF: No blow.
 FS: No return.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2381.47 | 110.61 | Initial Hydro-static |
| 2 | 37.03 | 109.99 | Open To Flow (1) |
| 13 | 31.68 | 109.86 | Shut-In(1) |
| 41 | 40.59 | 110.72 | End Shut-In(1) |
| 41 | 30.04 | 110.68 | Open To Flow (2) |
| 60 | 29.89 | 111.26 | Shut-In(2) |
| 123 | 37.78 | 113.29 | End Shut-In(2) |
| 124 | 2289.56 | 114.43 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 3.00 | mud 100% m | 0.01 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cholla Production LLC

Bontrager 1-32

7851 S Elati St Ste 201
Littleton, Co 80120

32-19s-33w Scott, KS

Job Ticket: 43680

DST#: 4

ATTN: Bill Goff

Test Start: 2011.08.14 @ 01:11:34

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 3.00 | mud 100%m | 0.015 |

Total Length: 3.00 ft Total Volume: 0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

