



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: _____



1089345

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
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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
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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: _____ _____
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Form	ACO1 - Well Completion
Operator	Liberty Oper & Compl, Inc
Well Name	Ganoung A 3
Doc ID	1089345

All Electric Logs Run

Dual Induction Log
Compensated Density/Neutron PE Log
Sonic Log
Dual Receiver Cement Bond Log
Geologist's Report

Form	ACO1 - Well Completion
Operator	Liberty Oper & Compl, Inc
Well Name	Ganoung A 3
Doc ID	1089345

Tops

Name	Top	Datum
Anhydrite	1356	+745
Topeka	3069	-968
Heebner	3296	-1195
Toronto	3313	-1212
L/KC A	3337	-1236
Stuck Shale	3530	-1429
b/KC	3586	-1485
Conglomerate	3627	-1526
Arbuckle	3716	-1615



DRILL STEM TEST REPORT

Prepared For: **Liberty Operations & Completions ,Inc.**

308 W Mill
Plainville KS 67663

ATTN: Tony Richardson

Ganoung A#3

28-10s-17w Rooks,KS

Start Date: 2012.04.03 @ 15:40:12

End Date: 2012.04.04 @ 02:17:42

Job Ticket #: 47702 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.04.12 @ 08:55:22



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Liberty Operations & Completions, Inc.

28-10s-17w Rooks, KS

308 W Mill
Plainville KS 67663

Ganoung A#3

Job Ticket: 47702

DST#: 1

ATTN: Tony Richardson

Test Start: 2012.04.03 @ 15:40:12

GENERAL INFORMATION:

Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:26:42
 Time Test Ended: 02:17:42
 Interval: **3546.00 ft (KB) To 3667.00 ft (KB) (TVD)**
 Total Depth: 3667.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brett Dickinson
 Unit No: 59
 Reference Elevations: 2101.00 ft (KB)
 2093.00 ft (CF)
 KB to GR/CF: 8.00 ft

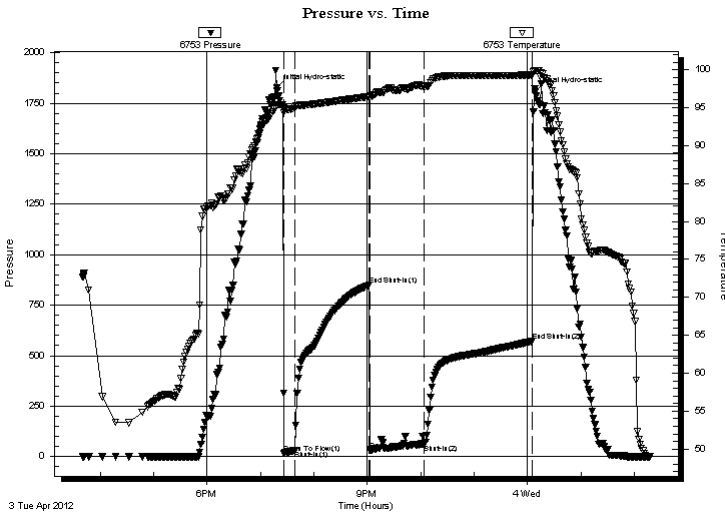
Serial #: 6753

Outside

Press @ Run Depth: 62.28 psig @ 3643.00 ft (KB)
 Start Date: 2012.04.03 End Date: 2012.04.04
 Start Time: 15:40:17 End Time: 02:17:42
 Capacity: 8000.00 psig
 Last Calib.: 2012.04.04
 Time On Btm: 2012.04.03 @ 19:18:12
 Time Off Btm: 2012.04.04 @ 00:08:42

TEST COMMENT: IF-Weak surface blow
 IS-1" blow died back to weak surface
 FF-3.5" blow
 FS-2" blow died back to 1"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1824.31	95.26	Initial Hydro-static
9	18.71	95.16	Open To Flow (1)
20	29.73	95.07	Shut-In(1)
104	849.63	96.47	End Shut-In(1)
105	32.19	96.33	Open To Flow (2)
166	62.28	97.81	Shut-In(2)
288	571.76	99.31	End Shut-In(2)
291	1805.25	99.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	SGO 5%G 95%O	0.35
20.00	SOCM 20%O 80%M	0.28
60.00	SOCM 10%O 90%M	0.84
0.00	75' gip	0.00

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Liberty Operations & Completions, Inc.

28-10s-17w Rooks, KS

308 W Mill
Plainville KS 67663

Ganoung A#3

Job Ticket: 47702

DST#: 1

ATTN: Tony Richardson

Test Start: 2012.04.03 @ 15:40:12

GENERAL INFORMATION:

Formation: **Conglomerate**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:26:42

Time Test Ended: 02:17:42

Test Type: Conventional Bottom Hole (Initial)

Tester: Brett Dickinson

Unit No: 59

Interval: 3546.00 ft (KB) To 3667.00 ft (KB) (TVD)

Reference Elevations: 2101.00 ft (KB)

Total Depth: 3667.00 ft (KB) (TVD)

2093.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8319 Inside

Press @ Run Depth: psig @ 3643.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.03

End Date:

2012.04.04

Last Calib.:

2012.04.04

Start Time: 15:40:44

End Time:

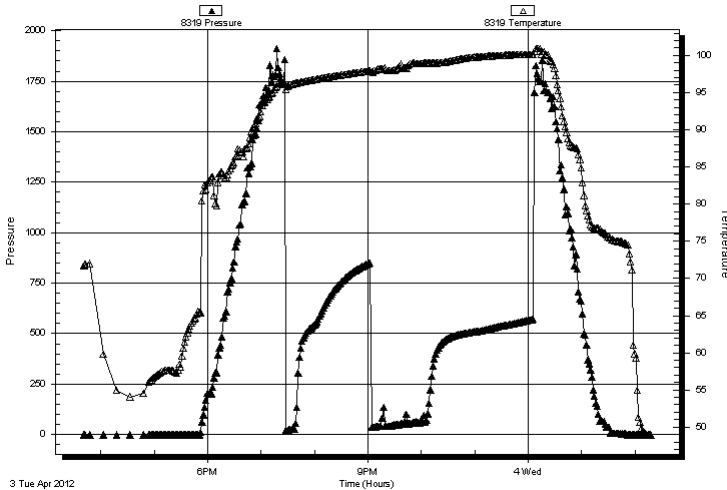
02:18:39

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-Weak surface blow
ISI-1" blow died back to weak surface
FF-3.5" blow
FSI-2" blow died back to 1"

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
25.00	SGO 5%G 95%O	0.35
20.00	SOCM 20%O 80%M	0.28
60.00	SOCM 10%O 90%M	0.84
0.00	75' gip	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Liberty Operations & Completions, Inc.

28-10s-17w Rooks, KS

308 W Mill
Plainville KS 67663

Ganoung A#3

Job Ticket: 47702

DST#: 1

ATTN: Tony Richardson

Test Start: 2012.04.03 @ 15:40:12

Tool Information

Drill Pipe:	Length: 3540.00 ft	Diameter: 3.80 inches	Volume: 49.66 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 42000.00 lb
			<u>Total Volume: 49.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3546.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	121.00 ft			
Tool Length:	141.00 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			3527.00	
Shut In Tool	5.00			3532.00	
Hydraulic tool	5.00			3537.00	
Packer	4.00			3541.00	20.00 Bottom Of Top Packer
Packer	5.00			3546.00	
Stubb	1.00			3547.00	
Perforations	3.00			3550.00	
Change Over Sub	1.00			3551.00	
Blank Spacing	92.00			3643.00	
Recorder	0.00	8319	Inside	3643.00	
Recorder	0.00	6753	Outside	3643.00	
Change Over Sub	1.00			3644.00	
Perforations	20.00			3664.00	
Bullnose	3.00			3667.00	121.00 Bottom Packers & Anchor

Total Tool Length: 141.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Liberty Operations & Completions ,Inc.

28-10s-17w Rooks,KS

308 W Mill
Plainville KS 67663

Ganoung A#3

Job Ticket: 47702

DST#: 1

ATTN: Tony Richardson

Test Start: 2012.04.03 @ 15:40:12

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 9.58 in³

Resistivity: ohm.m

Salinity: 8000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	SGO 5%G 95%O	0.351
20.00	SOCM 20%O 80%M	0.281
60.00	SOCM 10%O 90%M	0.842
0.00	75' gip	0.000

Total Length: 105.00 ft Total Volume: 1.474 bbl

Num Fluid Samples: 0

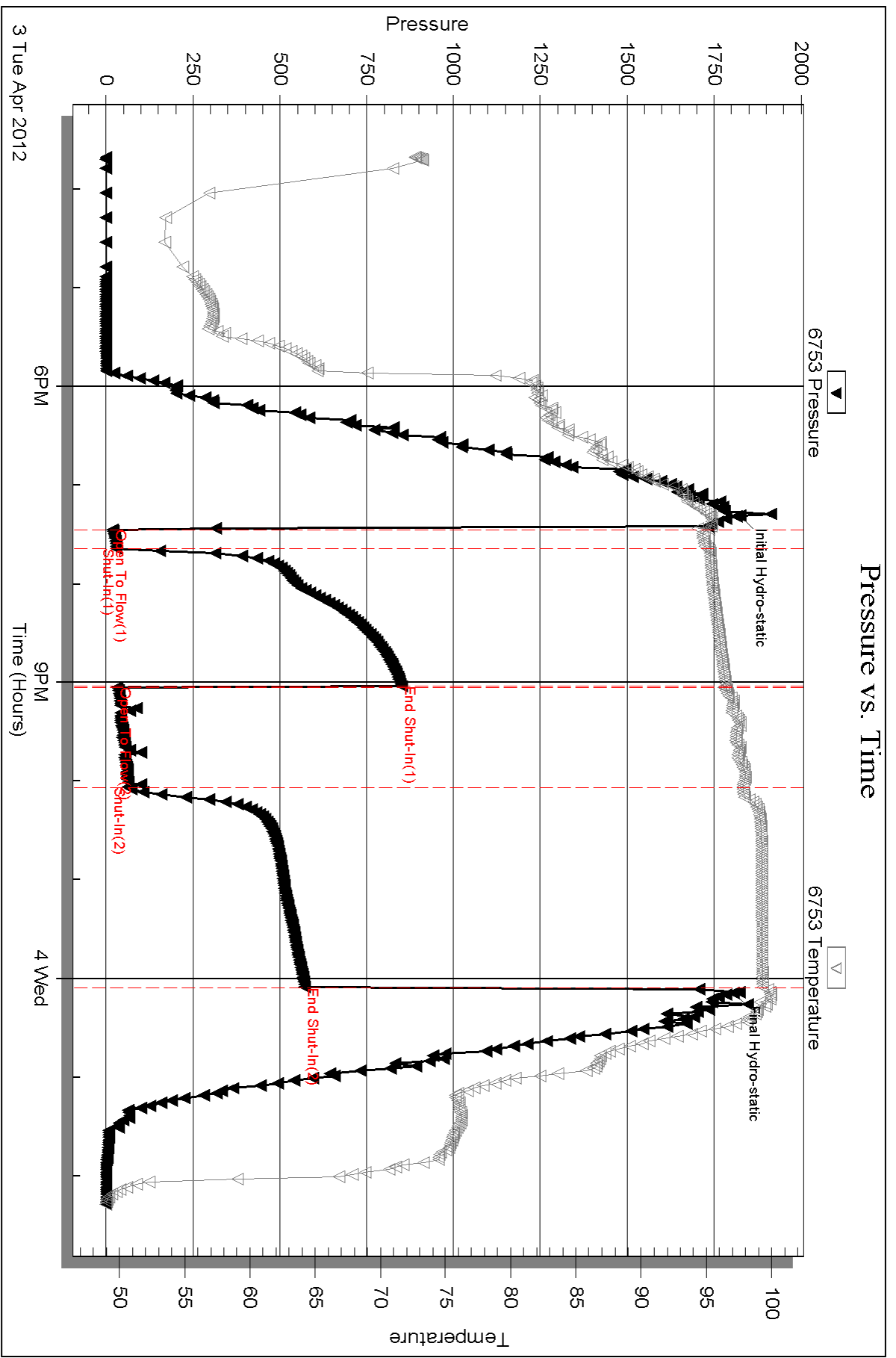
Num Gas Bombs: 0

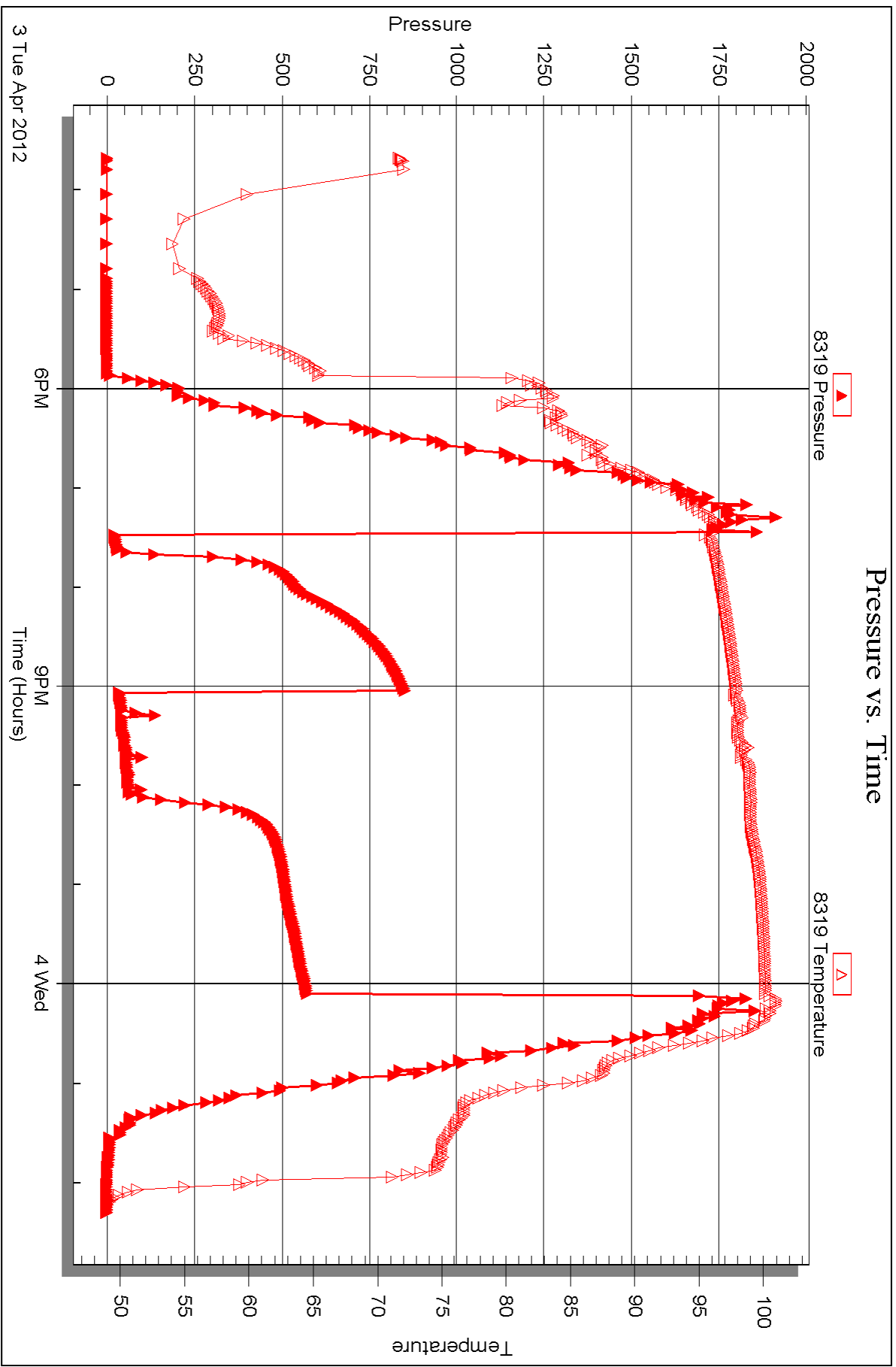
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Liberty Operations & Completions ,Inc.**

308 W Mill
Plainville KS 67663

ATTN: Tony Richardson

Ganoung A#3

28-10s-17w Rooks,KS

Start Date: 2012.04.04 @ 16:05:33

End Date: 2012.04.05 @ 02:54:33

Job Ticket #: 47703 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.04.12 @ 08:54:37

Liberty Operations & Completions ,Inc.
28-10s-17w Rooks,KS
Ganoung A#3
DST # 2
Arbuckle
2012.04.04



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Liberty Operations & Completions, Inc.

28-10s-17w Rooks, KS

308 W Mill
Plainville KS 67663

Ganoung A#3

Job Ticket: 47703

DST#: 2

ATTN: Tony Richardson

Test Start: 2012.04.04 @ 16:05:33

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:25:33

Time Test Ended: 02:54:33

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 3710.00 ft (KB) To 3718.00 ft (KB) (TVD)

Reference Elevations: 2101.00 ft (KB)

Total Depth: 3718.00 ft (KB) (TVD)

2093.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6753 Outside

Press @ Run Depth: 826.03 psig @ 3715.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.04

End Date:

2012.04.05

Last Calib.: 2012.04.05

Start Time: 16:05:38

End Time:

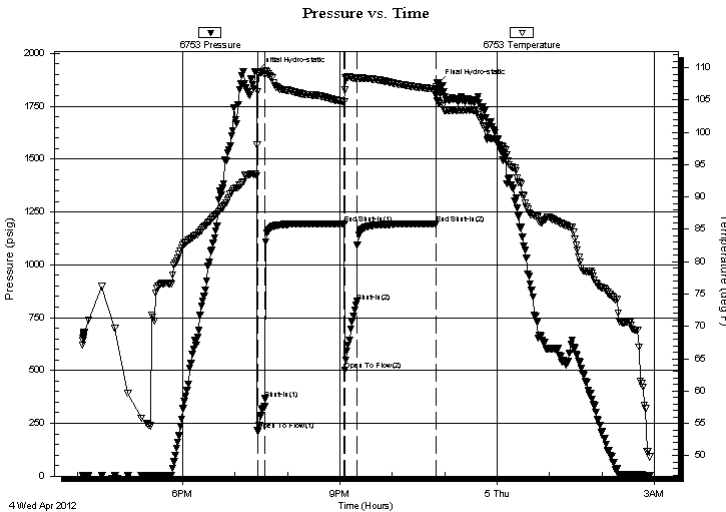
02:54:33

Time On Btm: 2012.04.04 @ 19:24:33

Time Off Btm: 2012.04.04 @ 22:52:03

TEST COMMENT: IF-BOB in 1 min
ISI-Very weak surface blow died in 13 min
FF-BOB in 1 min
FSI-No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1914.64	93.27	Initial Hydro-static
1	217.86	98.07	Open To Flow (1)
10	366.49	108.96	Shut-In(1)
101	1195.01	104.75	End Shut-In(1)
101	500.36	106.51	Open To Flow (2)
115	826.03	108.29	Shut-In(2)
205	1194.25	106.66	End Shut-In(2)
208	1855.22	104.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	MCW 60%w 40%m	2.52
1400.00	Water	19.64

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Liberty Operations & Completions, Inc.

308 W Mill
Plainville KS 67663

ATTN: Tony Richardson

28-10s-17w Rooks, KS

Ganoung A#3

Job Ticket: 47703

DST#: 2

Test Start: 2012.04.04 @ 16:05:33

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:25:33

Time Test Ended: 02:54:33

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 3710.00 ft (KB) To 3718.00 ft (KB) (TVD)

Total Depth: 3718.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2101.00 ft (KB)

2093.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8319 Inside

Press@RunDepth: psig @ 3715.00 ft (KB)

Start Date: 2012.04.04 End Date: 2012.04.05

Start Time: 16:05:19 End Time: 02:55:44

Capacity: 8000.00 psig

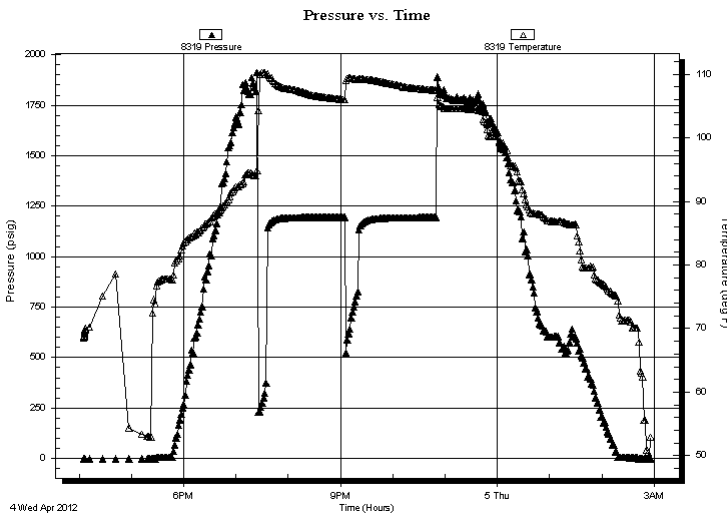
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Time On Btm:

Time Off Btm:

TEST COMMENT: IF-BOB in 1 min
ISI-Very weak surface blow died in 13 min
FF-BOB in 1 min
FSI-No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
180.00	MCW 60%w 40% m	2.52
1400.00	Water	19.64

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Liberty Operations & Completions, Inc.

28-10s-17w Rooks, KS

308 W Mill
Plainville KS 67663

Ganoung A#3

Job Ticket: 47703

DST#: 2

ATTN: Tony Richardson

Test Start: 2012.04.04 @ 16:05:33

Tool Information

Drill Pipe:	Length: 3709.00 ft	Diameter: 3.80 inches	Volume: 52.03 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 52.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3710.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	8.00 ft			
Tool Length:	28.00 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			3691.00	
Shut In Tool	5.00			3696.00	
Hydraulic tool	5.00			3701.00	
Packer	4.00			3705.00	20.00 Bottom Of Top Packer
Packer	5.00			3710.00	
Stubb	1.00			3711.00	
Perforations	4.00			3715.00	
Recorder	0.00	8319	Inside	3715.00	
Recorder	0.00	6753	Outside	3715.00	
Bullnose	3.00			3718.00	8.00 Bottom Packers & Anchor
Total Tool Length:	28.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Liberty Operations & Completions ,Inc.

28-10s-17w Rooks,KS

308 W Mill
Plainville KS 67663

Ganoung A#3

Job Ticket: 47703

DST#: 2

ATTN: Tony Richardson

Test Start: 2012.04.04 @ 16:05:33

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:

38000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	MCW 60%w 40%m	2.525
1400.00	Water	19.638

Total Length: 1580.00 ft Total Volume: 22.163 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

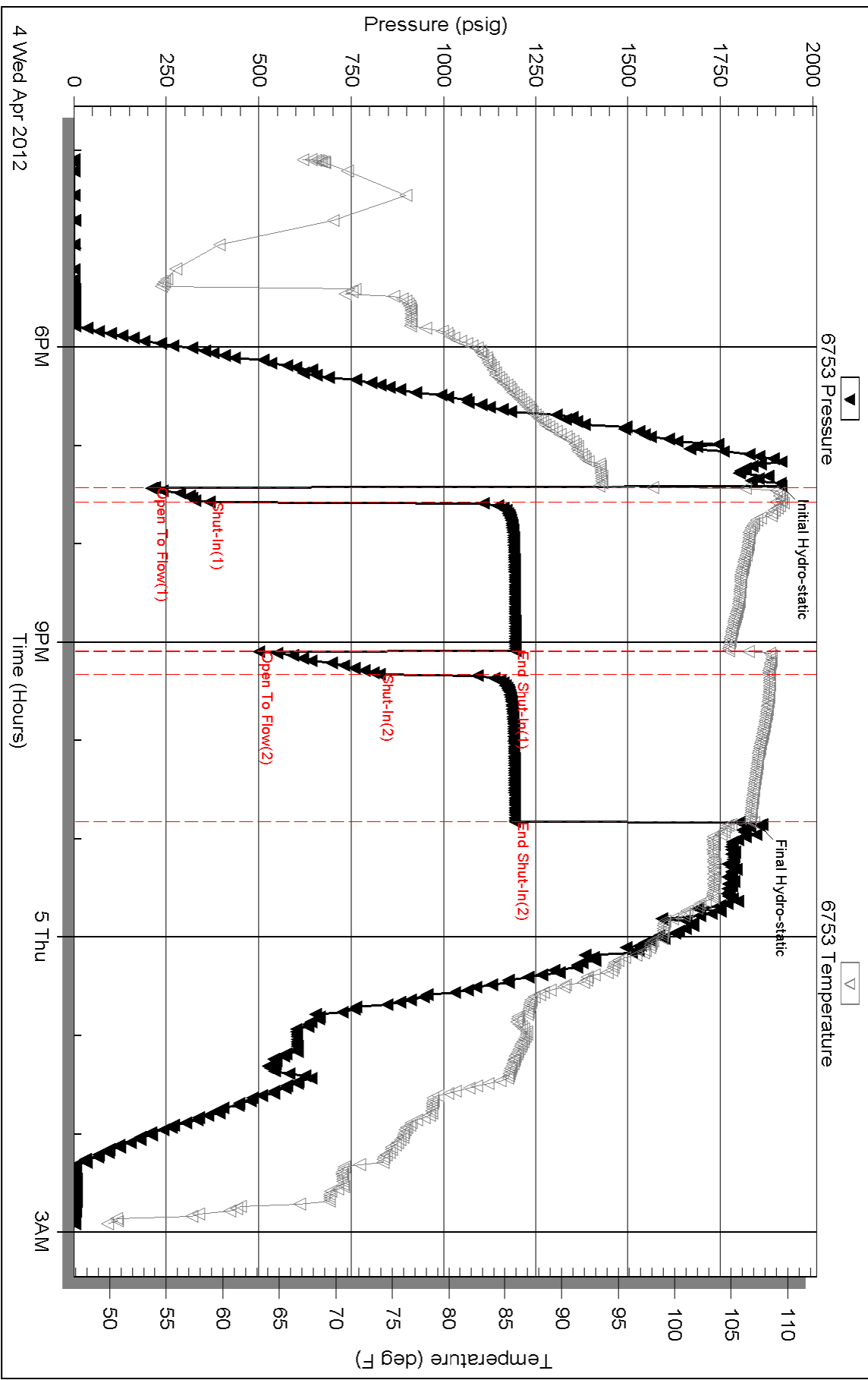
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW.28 @50

Pressure vs. Time



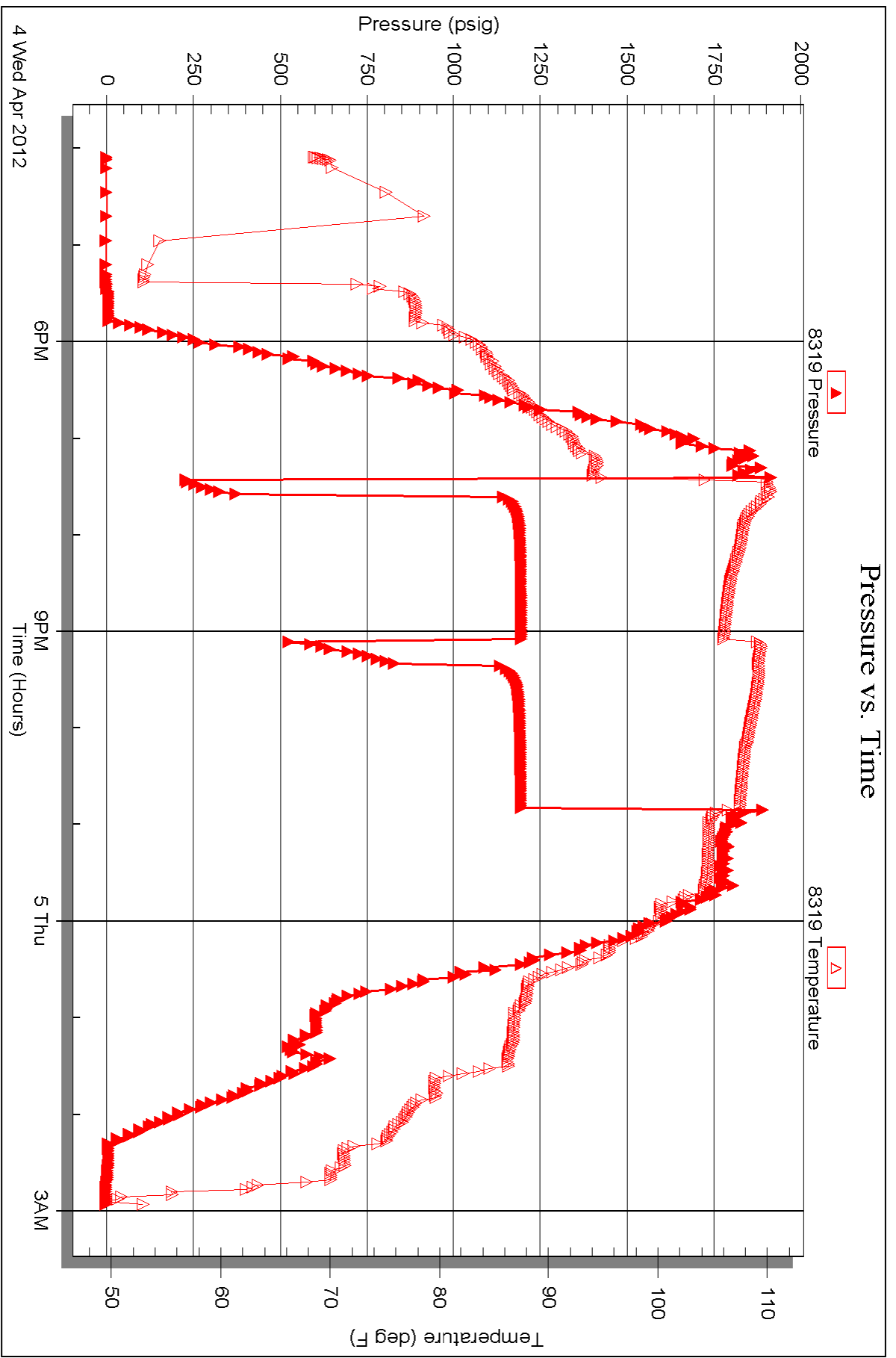
Serial #: 8319

Inside

Liberty Operations & Completions, Inc.

Ganoung A#3

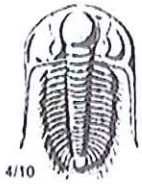
DST Test Number: 2



Triobite Testing, Inc

Ref. No: 47703

Printed: 2012.04.12 @ 08:54:40



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 09 2012

Test Ticket

NO. 47702

BY: _____
 Well Name & No. Garnung A #3 Test No. 1 Date 4/3/12
 Company Liberty Oper & Compl, Inc Elevation 2101 KB 2093 GL
 Address 308 W Mill Plainville KS 67663
 Co. Rep / Geo. Tony Richardson Rig Tornado #1
 Location: Sec. 28 Twp. 10 Rge. 17 Co. Rooks State KS

Interval Tested 3546 - 3667 Zone Tested Con g
 Anchor Length 121 Drill Pipe Run 3340 Mud Wt. 9
 Top Packer Depth 3541 Drill Collars Run _____ Vis 46
 Bottom Packer Depth 3546 Wt. Pipe Run _____ WL 9.6
 Total Depth 3667 Chlorides 8,000 ppm System LCM 1 1/2

Blow Description IF - near surface blow
ISF - lin blow died back to west surface
FF - 3 1/2 in blow
FSF - 2 in blow died back to lin

Rec	Feet of	%gas	%oil	%water	%mud
20 25	560	5	95		
50 20	SOCM		20		80
20 60	SOCM		10		90
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 105 BHT 99 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 (A) Initial Hydrostatic 1,824 Test 1125 T-On Location 14:50
 (B) First Initial Flow 19 Jars _____ T-Started 15:40
 (C) First Final Flow 30 Safety Joint _____ T-Open 19:25
 (D) Initial Shut-In 850 Circ Sub _____ T-Pulled 00:05
 (E) Second Initial Flow 32 Hourly Standby 25hr 250 T-Out 2:15
 (F) Second Final Flow 67 Mileage 30x2 8400 Comments _____
 (G) Final Shut-In 572 Sampler _____
 (H) Final Hydrostatic 1,805 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 10
 Initial Shut-In 90
 Final Flow 60
 Final Shut-In 120
 Sub Total 0
 Total 1459
 MP/DST Disc't _____
 Sub Total 1459

Approved By _____ Our Representative [Signature]

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.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 09 2012

Test Ticket

NO. 47703

BY: _____

Well Name & No. Ganong A #3 Test No. 2 Date 4/4/12
 Company Liberty Oper & Compl, Inc Elevation 2101 KB 2095 GL
 Address 308 W Mill Plainville KS 67663
 Co. Rep / Geo. Tony Richardson Rig Tornado #1
 Location: Sec. 28 Twp. 10 Rge. 17 Co. Rooks State KS

Interval Tested 3210-3718 Zone Tested Arb
 Anchor Length 8 Drill Pipe Run 3709 Mud Wt. 9
 Top Packer Depth 3705 Drill Collars Run — Vis 46
 Bottom Packer Depth 3710 Wt. Pipe Run — WL 9.6
 Total Depth 3718 Chlorides 8,000 ppm System LCM 1 1/2

Blow Description FF - BOB in 1 min
F51 - very weak surface blow died in 13 min
FF - BOB in 1 min
F52 - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>180</u>	<u>MCW</u>		<u>60</u>	<u>40</u>	
<u>1400</u>	<u>water</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec Total <u>1580</u>	BHT <u>107</u>	Gravity	API RW <u>.28</u>	@ <u>50</u> ° F	Chlorides <u>38,000</u> ppm

(A) Initial Hydrostatic 1,915 Test 1125 T-On Location 15:30
 (B) First Initial Flow 218 Jars T-Started 16:05
 (C) First Final Flow 366 Safety Joint T-Open 19:20
 (D) Initial Shut-In 1,195 Circ Sub T-Pulled 22:45
 (E) Second Initial Flow 580 Hourly Standby 24 hrs 225' T-Out 2:50
 (F) Second Final Flow 826 Mileage 30x2x2 168' Comments _____
 (G) Final Shut-In 1,194 Sampler _____
 (H) Final Hydrostatic 1,855 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1518' Sub Total 0
 Total 1518' MP/DST Disc't _____

Approved By _____

Our Representative Burt

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ALLIED OIL & GAS SERVICES, LLC 056378

Federal Tax I.D.# 20-5975804

REMIT TO PO. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

DATE	SEC	TWP.	RANGE	LOCATED OUT	ON LOCATION	JOB START	JOB FINISH
4-6-2012	282	108	17.1			3:30pm	5:30pm
LEASE	6000WK	WELL #	A-3	LOCATION	PLAINVILLE KS 3N3E24S	COUNTY	RICE
STATE							KS

CONTRACTOR JAYMAN RIG

OWNER

TYPE OF JOB Production String (O-V)
HOLE SIZE _____ TD. _____
CASING SIZE 5 1/2 A DEPTH 3770
TUBING SIZE 15.504 CG DEPTH 3770
DRILL PIPE 5 1/8 DEPTH _____
TOOL DU TRAIL DEPTH 1720 @ 1980
PRES. MAX 1470 MINIMUM 6374 @ 4
MEAS. LINE _____ SHOE JOINT 23
CEMENT LEFT IN CSG. 23
PERFS. _____
DISPLACEMENT 80 1/4 barrel 28.25 barrel
EQUIPMENT

CEMENT
AMOUNT ORDERED 150 cu yds
485 SX @ \$68 68 gal VERT FLO SOL
500 gal WGT 2-200TANK
COMMON 101 255 (WAS) @ 16.25
POZMIX 170 @ 0.50
GEL 2 + 22 (WAS) @ 21.25
CHLORIDE _____ @ _____
ASC _____ @ _____
FLO SOL 100 @ 2.70
GALV 16 @ 23.95

PUMP TRUCK CEMENTER Stewart Jr.
419 HELPER Robert Jr.
BULK TRUCK _____
410 DRIVER Chris G.
BULK TRUCK _____
492 DRIVER COOY H.

HANDLING TOTAL SX @ 2.25
MILEAGE 55 TOW MILE @ 1.14
TOTAL _____

REMARKS:
DV TRAIL ON T 61
DRIVE 17.23.164
SHOE JOINT 12.93
LAND ST 12.93
4170WAL
50MTS

SERVICE

DRIVE 17.23.164
SHOE JOINT 12.93
LAND ST 12.93
4170WAL
50MTS
DRIVE 17.23.164
SHOE JOINT 12.93
LAND ST 12.93
4170WAL
50MTS
DRIVE 17.23.164
SHOE JOINT 12.93
LAND ST 12.93
4170WAL
50MTS

DEPTH OF JOB _____
PUMP TRUCK CHARGE _____
EXTRA FOOTAGE _____ @ _____
MILEAGE 55 HYME @ _____
MANIFOLD _____ @ _____
55 HYME @ _____

CHARGE TO: LIBERTY OIL OPERATIONS

TOTAL _____

PLUG & FLOAT EQUIPMENT

1- Bunk Shoe @ _____
2- BASKET @ _____
5- CATCHBAGS @ _____
1- D-V TOOL @ _____
1- LATCH DRAW BAG ASSEMBLY @ _____

TOTAL _____

To: Allied Oil & Gas Services, 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 _____

SALES TAX (IF Any) _____

SIGNATURE [Signature]

DISCOUNT _____ IF PAID IN 30 DAYS