



KANSAS CORPORATION COMMISSION 1140025
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: _____



1140025

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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
---	--	--



DRILL STEM TEST REPORT

Prepared For: **American Patriot Oil LLC**

1716 N. Main Street
Longmont CO 80501

ATTN: Randy Killian

Lohrmeyer #1

6-5s-20w Phillips KS

Start Date: 2012.09.03 @ 21:54:00

End Date: 2012.09.04 @ 04:08:00

Job Ticket #: 49466 DST #: 1

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

Printed: 2012.09.11 @ 10:45:40



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Patriot Oil LLC

6-5s-20w Phillips KS

1716 N. Main Street
Longmont CO 80501

Lohrmeyer #1

ATTN: Randy Killian

Job Ticket: 49466

DST#: 1

Test Start: 2012.09.03 @ 21:54:00

GENERAL INFORMATION:

Formation: **Tor - LKC "D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:10:30

Time Test Ended: 04:08:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Cody Bloedorn

Unit No: 41

Interval: 3130.00 ft (KB) To 3230.00 ft (KB) (TVD)

Reference Elevations: 1967.00 ft (KB)

Total Depth: 3230.00 ft (KB) (TVD)

1962.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6741 Outside

Press @ Run Depth: 990.74 psig @ 3133.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.03

End Date:

2012.09.04

Last Calib.:

2012.09.04

Start Time: 21:54:01

End Time:

04:08:00

Time On Btm:

2012.09.04 @ 00:09:30

Time Off Btm:

2012.09.04 @ 02:26:00

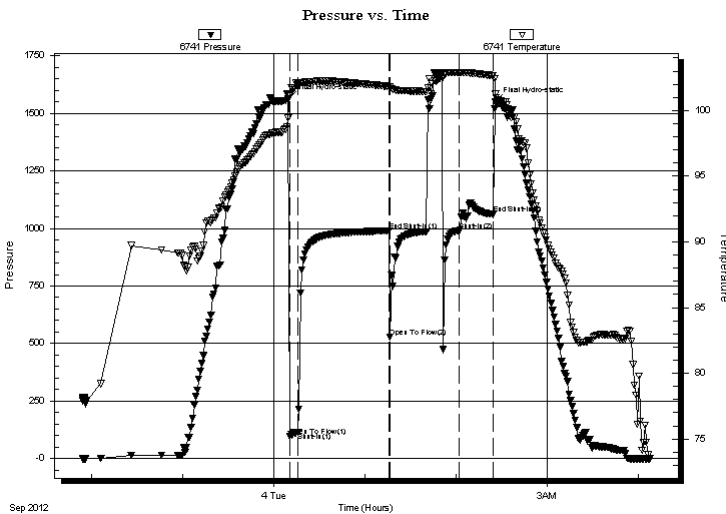
TEST COMMENT: 05 - IF- Slid 20' to btm, 3" blow

60 - IS- No blow back

40 - FF- No blow for 30 Min, flushed tool, surged and died, w aited 10 Min & shut it in.

30 - FS- No blow back.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1563.99	99.45	Initial Hydro-static
1	96.03	101.22	Open To Flow (1)
7	114.66	102.03	Shut-In(1)
66	989.75	101.83	End Shut-In(1)
67	526.67	101.79	Open To Flow (2)
113	990.74	102.90	Shut-In(2)
135	1061.84	102.65	End Shut-In(2)
137	1549.18	101.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
77.00	Mud - Oil Scum, 100%M	1.08

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Patriot Oil LLC

1716 N. Main Street
Longmont CO 80501

ATTN: Randy Killian

6-5s-20w Phillips KS

Lohrmeyer #1

Job Ticket: 49466

DST#: 1

Test Start: 2012.09.03 @ 21:54:00

GENERAL INFORMATION:

Formation: **Tor - LKC "D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:10:30

Time Test Ended: 04:08:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Cody Bloedorn

Unit No: 41

Interval: 3130.00 ft (KB) To 3230.00 ft (KB) (TVD)

Reference Elevations: 1967.00 ft (KB)

Total Depth: 3230.00 ft (KB) (TVD)

1962.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6752 Inside

Press@RunDepth: psig @ 3133.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.03

End Date:

2012.09.04

Last Calib.:

2012.09.04

Start Time: 21:54:01

End Time:

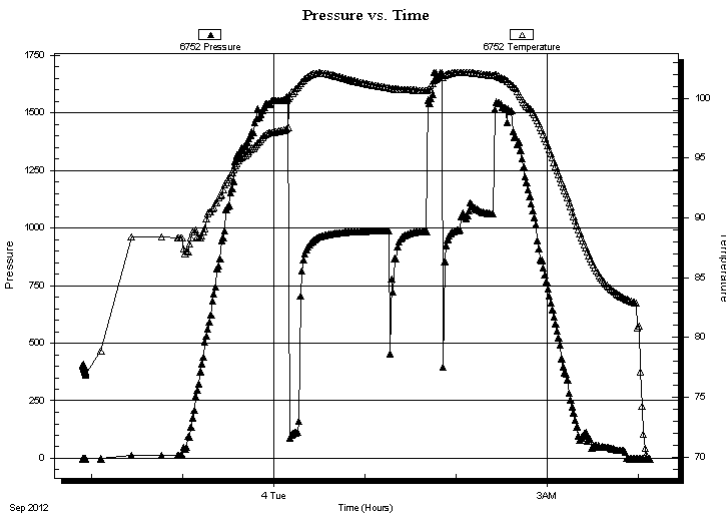
04:08:00

Time On Btm:

Time Off Btm:

TEST COMMENT: 05 - IF- Slid 20' to btm, 3" blow
60 - IS- No blow back
40 - FF- No blow for 30 Min, flushed tool, surged and died, w aited 10 Min & shut it in.
30 - FS- No blow back.

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
77.00	Mud - Oil Scum, 100%M	1.08

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Patriot Oil LLC

6-5s-20w Phillips KS

1716 N. Main Street
Longmont CO 80501

Lohrmeyer #1

Job Ticket: 49466

DST#: 1

ATTN: Randy Killian

Test Start: 2012.09.03 @ 21:54:00

Tool Information

Drill Pipe:	Length: 3118.00 ft	Diameter: 3.80 inches	Volume: 43.74 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 43.74 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3130.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	100.00 ft			
Tool Length:	124.00 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			3107.00	
Shut In Tool	5.00			3112.00	
Hydraulic tool	5.00			3117.00	
Safety Joint	3.00			3120.00	
Packer	5.00			3125.00	24.00 Bottom Of Top Packer
Packer	5.00			3130.00	
Stubb	1.00			3131.00	
Perforations	1.00			3132.00	
Change Over Sub	1.00			3133.00	
Recorder	0.00	6752	Inside	3133.00	
Recorder	0.00	6741	Outside	3133.00	
Blank Spacing	93.00			3226.00	
Change Over Sub	1.00			3227.00	
Bullnose	3.00			3230.00	100.00 Bottom Packers & Anchor

Total Tool Length: 124.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Patriot Oil LLC

6-5s-20w Phillips KS

1716 N. Main Street
Longmont CO 80501

Lohrmeyer #1

Job Ticket: 49466

DST#: 1

ATTN: Randy Killian

Test Start: 2012.09.03 @ 21:54:00

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: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
77.00	Mud - Oil Scum, 100%M	1.080

Total Length: 77.00 ft Total Volume: 1.080 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

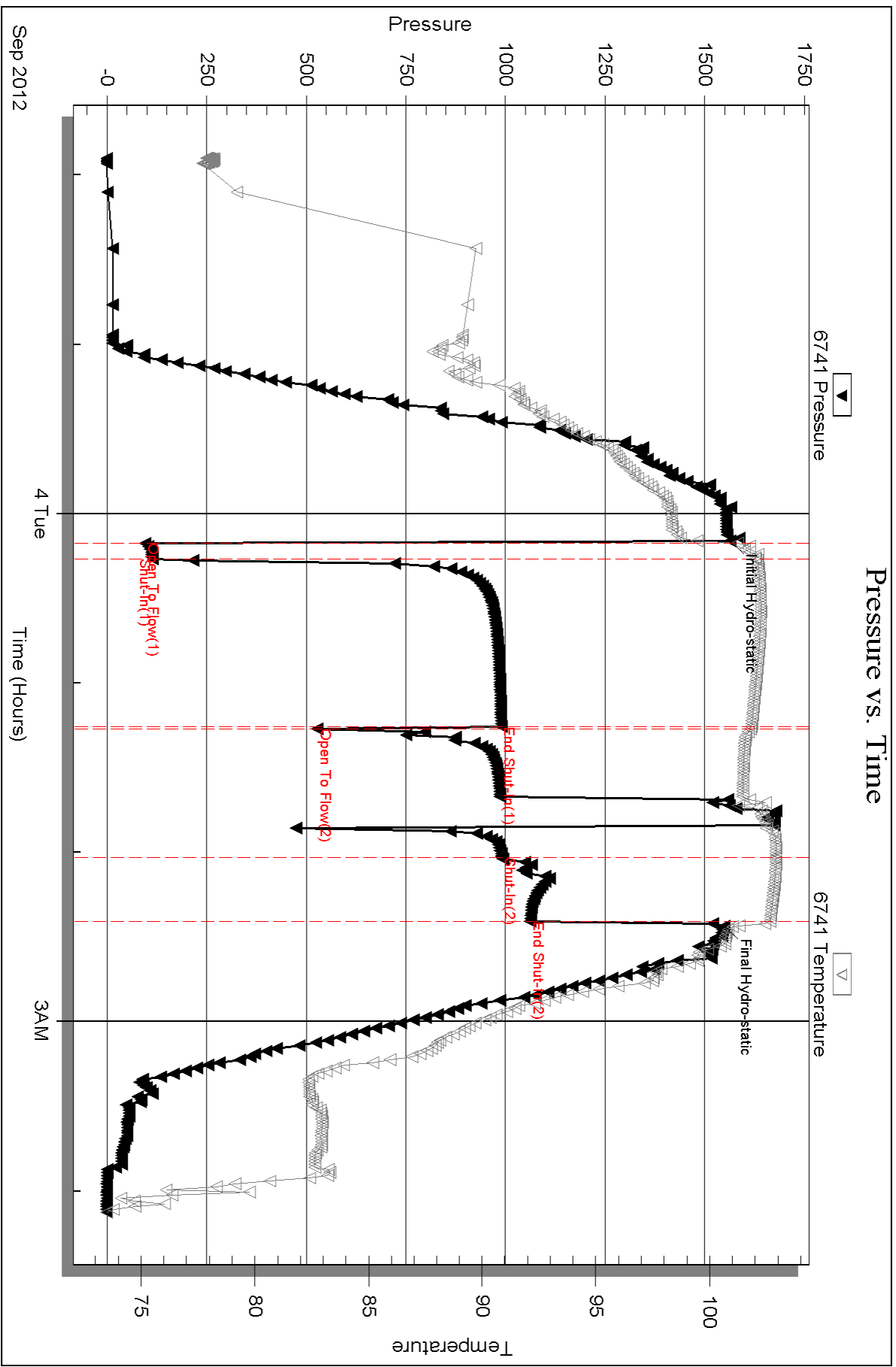
Recovery Comments:

Serial #: 6741

Outside American Patriot Oil LLC

Lohrmeyer #1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 49466

Printed: 2012.09.11 @ 10:45:44

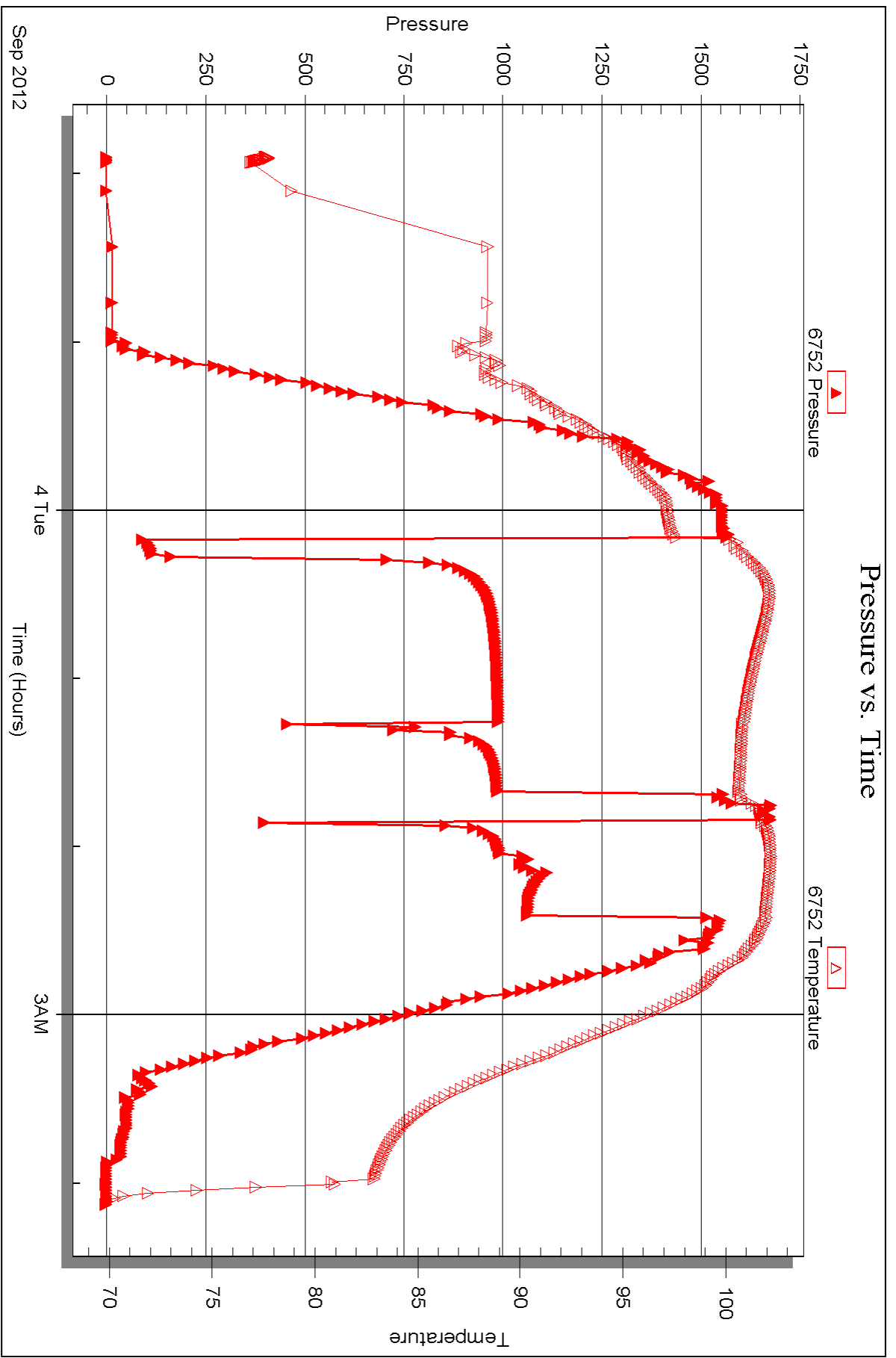
Serial #: 6752

Inside

American Patriot Oil LLC

Lohrmeyer #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **American Patriot Oil LLC**

1716 N. Main Street
Longmont CO 80501

ATTN: Randy Killian

Lohrmeyer #1

6-5s-20w Phillips KS

Start Date: 2012.09.04 @ 16:54:00

End Date: 2012.09.05 @ 00:57:30

Job Ticket #: 49467 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.09.11 @ 10:44:52



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Patriot Oil LLC

6-5s-20w Phillips KS

1716 N. Main Street
Longmont CO 80501

Lohrmeyer #1

ATTN: Randy Killian

Job Ticket: 49467

DST#: 2

Test Start: 2012.09.04 @ 16:54:00

GENERAL INFORMATION:

Formation: **D - K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:06:00

Time Test Ended: 00:57:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Cody Bloedorn

Unit No: 41

Interval: 3215.00 ft (KB) To 3355.00 ft (KB) (TVD)

Reference Elevations: 1967.00 ft (KB)

Total Depth: 3355.00 ft (KB) (TVD)

1962.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6741 Outside

Press @ Run Depth: 136.50 psig @ 3218.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.04

End Date:

2012.09.05

Last Calib.: 2012.09.05

Start Time: 16:54:01

End Time:

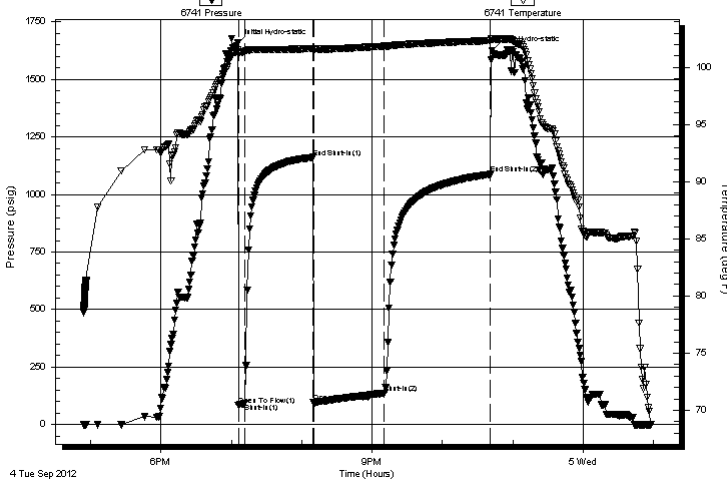
00:57:30

Time On Btm: 2012.09.04 @ 19:05:30

Time Off Btm: 2012.09.04 @ 22:42:30

TEST COMMENT: 05 - IF - 2 1/2" blow
60 - ISI - No blow back
60 - FF - 8" blow
90 - FSI - No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1657.33	101.53	Initial Hydro-static
1	84.49	101.23	Open To Flow (1)
6	92.81	101.40	Shut-In(1)
64	1160.78	101.66	End Shut-In(1)
65	94.79	101.42	Open To Flow (2)
125	136.50	101.86	Shut-In(2)
216	1087.93	102.35	End Shut-In(2)
217	1624.35	102.49	Final Hydro-static

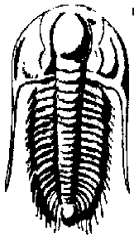
Recovery

Length (ft)	Description	Volume (bbl)
62.00	SOCM, 10%O, 90%M	0.87
62.00	MCO, 30%M, 70%O	0.87
20.00	Free Oil, 100%O	0.28

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Patriot Oil LLC

1716 N. Main Street
Longmont CO 80501

ATTN: Randy Killian

6-5s-20w Phillips KS

Lohrmeyer #1

Job Ticket: 49467

DST#: 2

Test Start: 2012.09.04 @ 16:54:00

GENERAL INFORMATION:

Formation: **D - K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:06:00

Time Test Ended: 00:57:30

Interval: 3215.00 ft (KB) To 3355.00 ft (KB) (TVD)

Total Depth: 3355.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester: Cody Bloedorn

Unit No: 41

Reference Elevations: 1967.00 ft (KB)

1962.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6752 Inside

Press @ Run Depth: psig @ 3218.00 ft (KB)

Start Date: 2012.09.04

End Date: 2012.09.05

Capacity: 8000.00 psig

Last Calib.: 2012.09.05

Start Time: 16:54:01

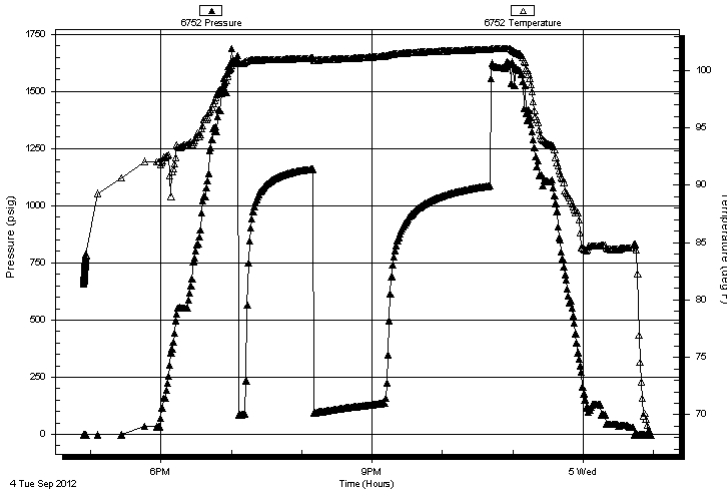
End Time: 00:57:30

Time On Btm:

Time Off Btm:

TEST COMMENT: 05 - IF - 2 1/2" blow
60 - ISI - No blow back
60 - FF - 8" blow
90 - FSI - No blow back

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
62.00	SOCM, 10%O, 90%M	0.87
62.00	MCO, 30%M, 70%O	0.87
20.00	Free Oil, 100%O	0.28

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Patriot Oil LLC

6-5s-20w Phillips KS

1716 N. Main Street
Longmont CO 80501

Lohrmeyer #1

Job Ticket: 49467

DST#: 2

ATTN: Randy Killian

Test Start: 2012.09.04 @ 16:54:00

Tool Information

Drill Pipe:	Length: 3211.00 ft	Diameter: 3.80 inches	Volume: 45.04 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 44000.00 lb
			<u>Total Volume: 45.04 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3215.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	140.00 ft			
Tool Length:	164.00 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			3192.00	
Shut In Tool	5.00			3197.00	
Hydraulic tool	5.00			3202.00	
Safety Joint	3.00			3205.00	
Packer	5.00			3210.00	24.00 Bottom Of Top Packer
Packer	5.00			3215.00	
Stubb	1.00			3216.00	
Perforations	1.00			3217.00	
Change Over Sub	1.00			3218.00	
Recorder	0.00	6752	Inside	3218.00	
Recorder	0.00	6741	Outside	3218.00	
Change Over Sub	1.00			3219.00	
Perforations	9.00			3228.00	
Bullnose	3.00			3231.00	
Blank Spacing	124.00			3355.00	140.00 Bottom Packers & Anchor

Total Tool Length: 164.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Patriot Oil LLC

6-5s-20w Phillips KS

1716 N. Main Street
Longmont CO 80501

Lohrmeyer #1

Job Ticket: 49467

DST#: 2

ATTN: Randy Killian

Test Start: 2012.09.04 @ 16:54:00

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: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	SOCM, 10%O, 90%M	0.870
62.00	MCO, 30%M, 70%O	0.870
20.00	Free Oil, 100%O	0.281

Total Length: 144.00 ft

Total Volume: 2.021 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

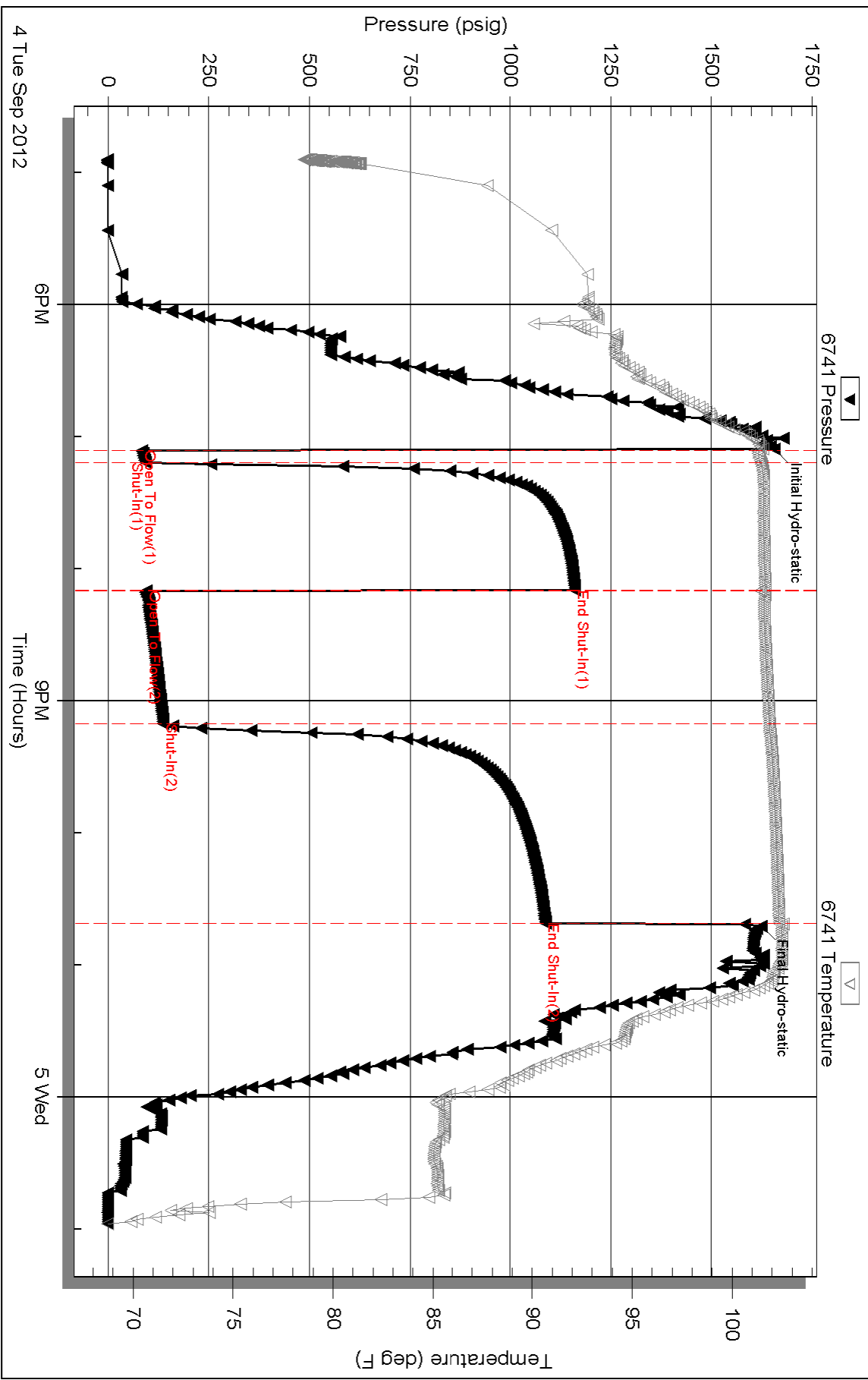
Serial #: 6741

Outside American Patriot Oil LLC

Lohrmeyer #1

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 49467

Printed: 2012.09.11 @ 10:44:57

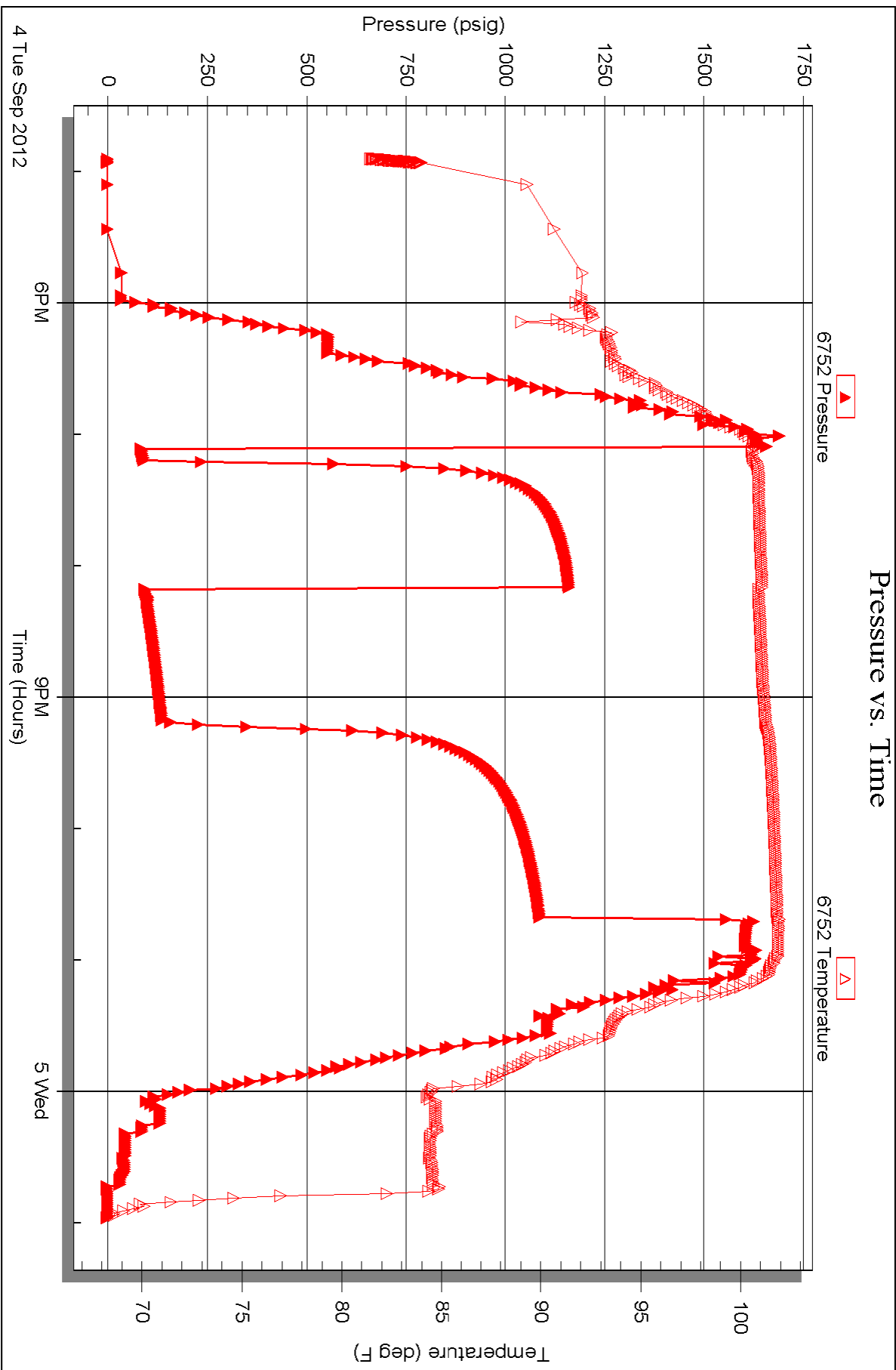
Serial #: 6752

Inside

American Patriot Oil LLC

Lohmeyer #1

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49466

4/10

Well Name & No. Lohrmeyer #1 Test No. 1 Date 9-3-12
 Company American Patriot oil Elevation 1967 KB 1962 GL
 Address 1716 N. Main Street, Longmont CO, 80501
 Co. Rep / Geo. Randy Killian Rig American Eagle #3
 Location: Sec. 6 Twp. 5s Rge. 20w Co. Phillips State KS

Interval Tested 3130-3230 Zone Tested Tor - LKCD
 Anchor Length 100' Drill Pipe Run 3118' Mud Wt. 8.8
 Top Packer Depth 3125 Drill Collars Run - Vis 46
 Bottom Packer Depth 3130 Wt. Pipe Run - WL 6.2
 Total Depth 3230 Chlorides 600 ppm System LCM -

Blow Description FF - Slid 20' to btm, 3" blow
FSI - No blow back
FF - No blow, waited 30 Min. Flushed tool, surged & dried, waited 10x
FSI - No blow back. Shut it m.

Rec	Feet of	%gas	%oil	%water	%mud
<u>77'</u>	<u>Mud-oil scum</u>			<u>100%</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 77' BHT 1020 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>1563</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>7:39 pm</u>
(B) First Initial Flow <u>96</u>	<input type="checkbox"/> Jars	T-Started <u>9:54 pm</u>
(C) First Final Flow <u>114</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>12:11 am</u>
(D) Initial Shut-In <u>989</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>2:25 am</u>
(E) Second Initial Flow <u>526</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>4:08 am</u>
(F) Second Final Flow <u>990</u>	<input checked="" type="checkbox"/> Mileage <u>160RT</u> <u>248</u>	Comments
(G) Final Shut-In <u>1061</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1549</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies

Initial Open 05
 Initial Shut-In 60
 Final Flow 40
 Final Shut-In 30

Sub Total 1473

MP/DST Disc't

Approved By _____ Our Representative Cody Blue

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

Test Ticket

NO. 49467

4/10

Well Name & No. Lohremeyer #1 Test No. 2 Date 9-4-12
 Company American Patriot Oil Elevation 1967 KB 1962 GL
 Address 1716 N. Main Street, Longmont CO, 80501
 Co. Rep / Geo. Randy Killian Rig American Eagle #3
 Location: Sec. 6 Twp. 5s Rge. 20w Co. Phillips State KS

Interval Tested 3215-3355 Zone Tested D-K
 Anchor Length 140' Drill Pipe Run 3211 Mud Wt. 8.8
 Top Packer Depth 3210 Drill Collars Run — Vis 46
 Bottom Packer Depth 3215 Wt. Pipe Run — WL 6.2
 Total Depth 3355 Chlorides 600 ppm System LCM —

Blow Description IF- 2 1/2" blow
ISI- No blow
FF- 8" blow
FSI- No blow back.

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>SOCM</u>	<u>10</u>		<u>90</u>	
<u>62</u>	<u>MCO</u>	<u>70</u>		<u>30</u>	
<u>20</u>	<u>Free oil</u>	<u>100</u>			

Rec Total 144' BHT 102° Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>1657</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>4:35 pm</u>
(B) First Initial Flow <u>84</u>	<input type="checkbox"/> Jars	T-Started <u>4:54 pm</u>
(C) First Final Flow <u>92</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>7:07 pm</u>
(D) Initial Shut-In <u>1160</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>10:42 pm</u>
(E) Second Initial Flow <u>94</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>12:58 am</u>
(F) Second Final Flow <u>136</u>	<input checked="" type="checkbox"/> Mileage <u>160 RT</u> 248	Comments _____
(G) Final Shut-In <u>1087</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1624</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open 05
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 90

Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 1473

Sub Total 1473

Approved By _____ Our Representative Cody Blum

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. 795

Date	Sec.	Twp.	Range	County	State	On Location	Finish
8-30-12	6	5	20	Phillips	KS		1:00 AM
Lease	LOHRMEYER			Well No.	1		
Location	Logan Rd to Cozy Cove W 3 N 12 W - Wnto						
Contractor	American Eagle #3			Owner			
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	12 1/4			T.D	263		
Csg.	8 5/8			Depth	Charge To American Patriot		
Tbg. Size				Depth	Street		
Tool				Depth	City State		
Cement Left in Csg.	15'			Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.		
Meas Line	Displace 15' 2 1/2			Cement Amount Ordered 16.5 com 3 1/2 2 1/2 1			

EQUIPMENT

Pumptrk	No.	Cement Helper	5	5	Common
Bulktrk	No.	Driver	1	1	Poz. Mix
Bulktrk	No.	Driver	13	13	Gel.

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

8 5/8 on bottom Est. Circulation
Mix 16.5 SK & Displace.

Cement Circulated!

Hulls

Salt

Flowseal

Kol-Seal

Mud CLR 48

CFL-117 or CD110 CAF 38

Sand

Handling

Mileage

FLOAT EQUIPMENT

Guide Shoe

Centralizer

Baskets

AFU Inserts

Float Shoe

Latch Down

Pumptrk Charge

Mileage

Tax

Discount

Total Charge

X Signature: *[Handwritten Signature]*