



**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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				

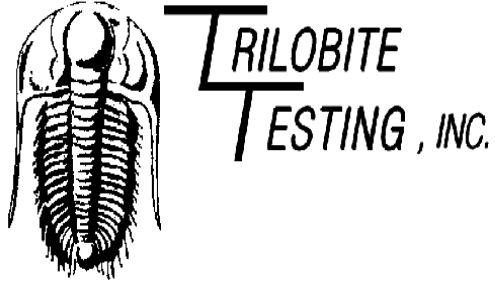
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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## DRILL STEM TEST REPORT

Prepared For: **American Patriot Oil LLC.**

1716 N Main St  
Suite A #170  
Longmont CO 80501

ATTN: Randy Kilian

### **APO #1**

### **9-10s-21w Graham,KS**

Start Date: 2012.09.16 @ 21:50:05

End Date: 2012.09.17 @ 06:00:29

Job Ticket #: 49311                      DST #: 1

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

Printed: 2012.09.24 @ 15:07:50



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Patriot Oil LLC.

**9-10s-21w Graham,KS**

1716 N Main St  
Suite A #170  
Longmont CO 80501  
ATTN: Randy Kilian

**APO #1**

Job Ticket: 49311

**DST#: 1**

Test Start: 2012.09.16 @ 21:50:05

## GENERAL INFORMATION:

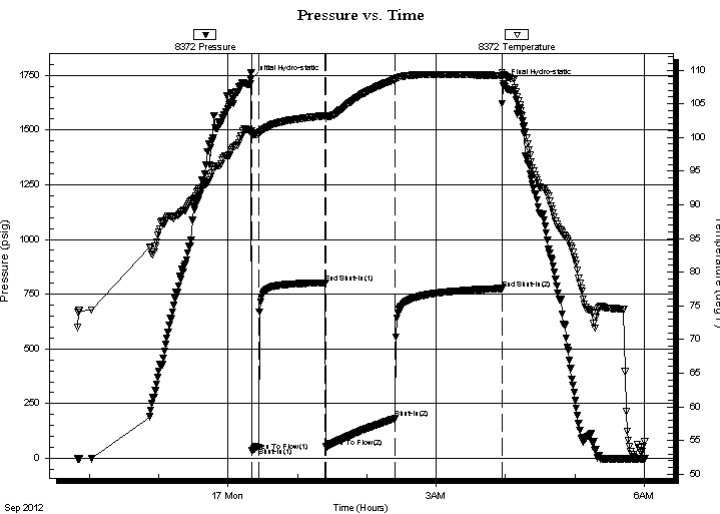
Formation: **LKC"C-D"**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 00:20:30  
 Tester: Andy Carreira  
 Time Test Ended: 06:00:29  
 Unit No: 39  
**Interval: 3583.00 ft (KB) To 3630.00 ft (KB) (TVD)**  
 Reference Elevations: 2290.00 ft (KB)  
 Total Depth: 3630.00 ft (KB) (TVD)  
 2285.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Poor  
 KB to GR/CF: 5.00 ft

## Serial #: 8372

**Outside**

Press @ Run Depth: 181.74 psig @ 3590.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.09.16 End Date: 2012.09.17 Last Calib.: 2012.09.17  
 Start Time: 21:50:05 End Time: 06:00:29 Time On Btm: 2012.09.17 @ 00:19:40  
 Time Off Btm: 2012.09.17 @ 03:58:20

**TEST COMMENT:** IF:(5min) 2" Blow  
 IS:(60min) No Return  
 FF:(60min) 2" blow in 4 min, 4" in 9 min, Built to 7" in 28 min.  
 FS:(90min) No Return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1731.57	100.92	Initial Hydro-static
1	34.27	100.35	Open To Flow (1)
7	49.77	100.50	Shut-In(1)
65	801.60	103.23	End Shut-In(1)
65	52.43	102.87	Open To Flow (2)
125	181.74	108.58	Shut-In(2)
218	775.87	109.20	End Shut-In(2)
219	1711.25	109.26	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
400.00	MW	5.61

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Patriot Oil LLC.

**9-10s-21w Graham,KS**

1716 N Main St  
Suite A #170  
Longmont CO 80501  
ATTN: Randy Kilian

**APO #1**

Job Ticket: 49311

**DST#: 1**

Test Start: 2012.09.16 @ 21:50:05

## Tool Information

Drill Pipe:	Length: 3587.00 ft	Diameter: 3.80 inches	Volume: 50.32 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: 22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 50.32 bbl	Tool Chased 6.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3583.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	70.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

**Length (ft) Serial No. Position Depth (ft) Accum. Lengths**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3561.00	
Shut In Tool	5.00			3566.00	
Hydraulic tool	5.00			3571.00	
Safety Joint	3.00			3574.00	
Packer	5.00			3579.00	23.00 Bottom Of Top Packer
Packer	4.00			3583.00	
Stubb	1.00			3584.00	
Perforations	5.00			3589.00	
Change Over Sub	1.00			3590.00	
Recorder	0.00	8017	Inside	3590.00	
Recorder	0.00	8372	Outside	3590.00	
Drill Pipe	32.00			3622.00	
Change Over Sub	1.00			3623.00	
Perforations	4.00			3627.00	
Bullnose	3.00			3630.00	47.00 Bottom Packers & Anchor

**Total Tool Length: 70.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Patriot Oil LLC.

**9-10s-21w Graham,KS**

1716 N Main St  
Suite A #170  
Longmont CO 80501  
ATTN: Randy Kilian

**APO #1**

Job Ticket: 49311

**DST#: 1**

Test Start: 2012.09.16 @ 21:50:05

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 7.19 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 1800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: 90000 ppm

deg API

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
400.00	MW	5.611

Total Length: 400.00 ft      Total Volume: 5.611 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

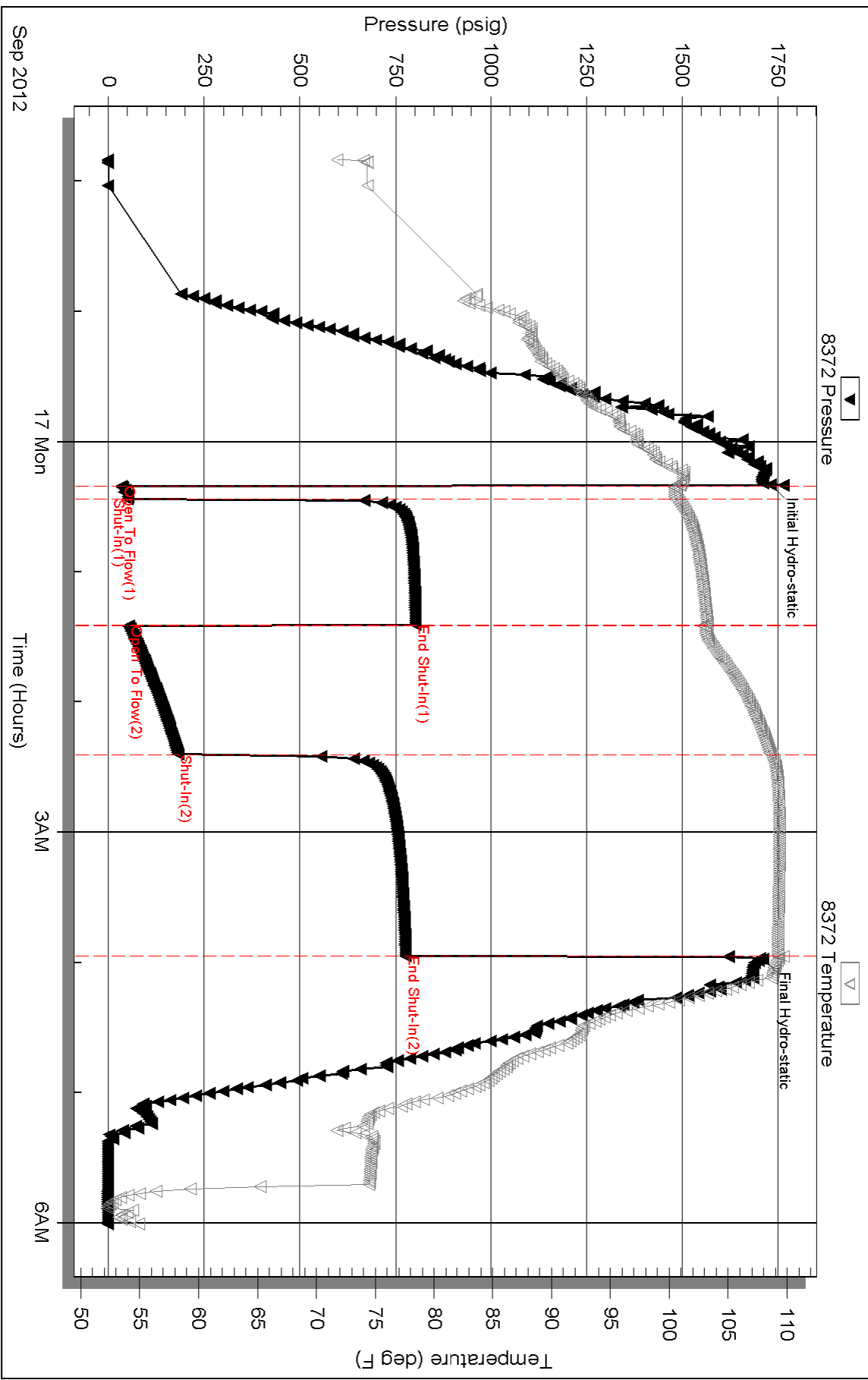
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





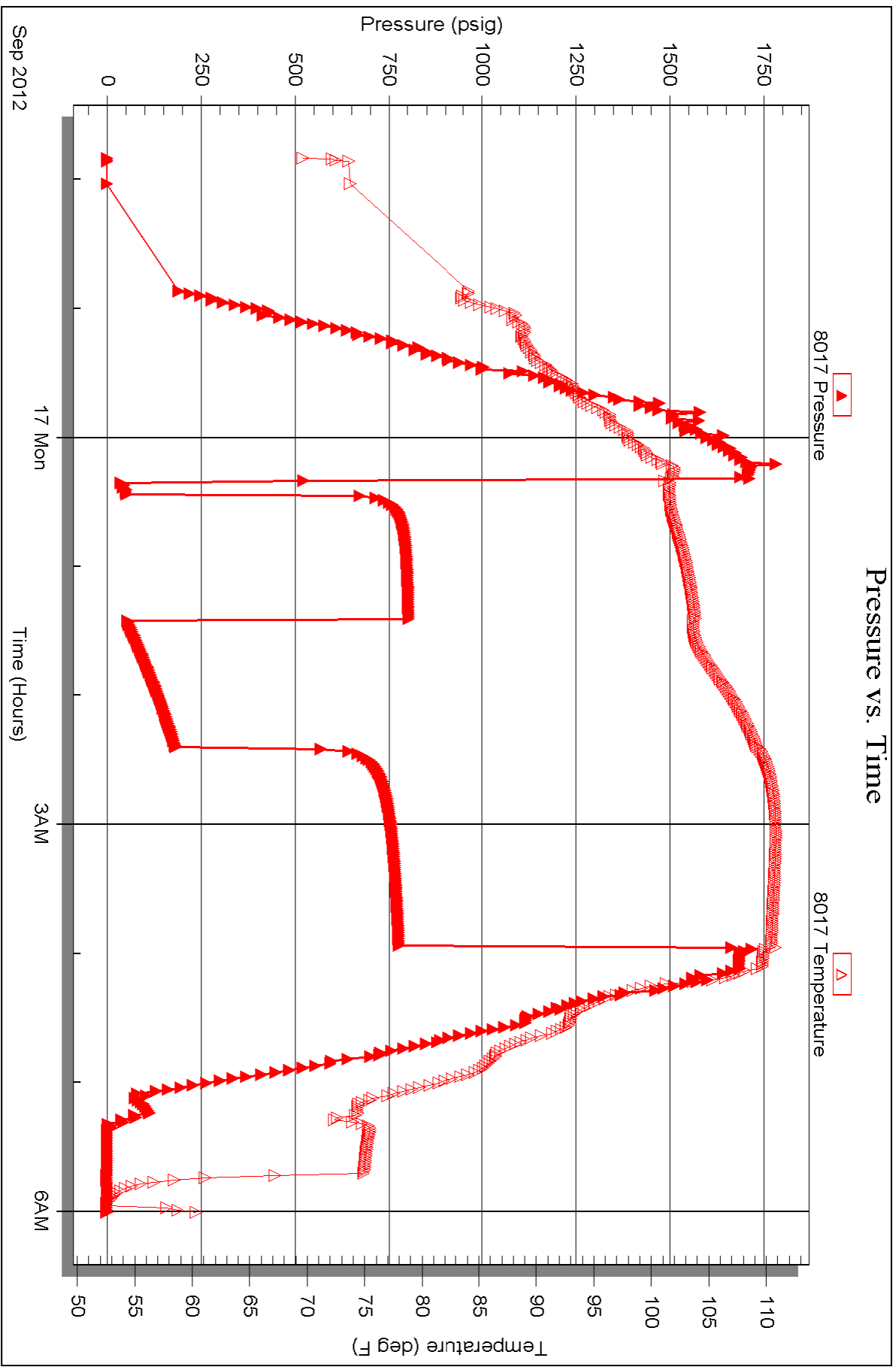
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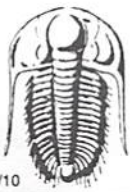
Inside

American Patriot Oil LLC.

AP0 #1

DST Test Number: 1





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 49311

Well Name & No. APO #1 Test No. 1 Date 9-16-12  
 Company America Patriot Oil LLC Elevation 2290 KB 2285 GL  
 Address 1716 N Main St. Suite A #170 Longmont Co, 80501  
 Co. Rep / Geo. Randy Kilian Rig American Eagle #3  
 Location: Sec. 19 Twp. 10S Rge. 21W Co. Graham State Ks

Interval Tested 3583-3630 Zone Tested LKC "C-D"  
 Anchor Length 47' Drill Pipe Run 3587 Mud Wt. 8.8  
 Top Packer Depth 3578 Drill Collars Run 0 Vis 52  
 Bottom Packer Depth 3583 Wt. Pipe Run 0 WL 7.2  
 Total Depth 3630 Chlorides 1800 ppm System LCM 2

Blow Description IF: 2" blow  
ISI: No Return  
FF: 2" blow in 4 min, 4" in 9 min, built to 7" in 28 min  
FSI: No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>400</u>	<u>mnw</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 400 BHT 109° Gravity \_\_\_\_\_ API RW .145 @ 43 ° F Chlorides 90,000 ppm

(A) Initial Hydrostatic 1731  Test ← 1150 T-On Location 20:48  
 (B) First Initial Flow 34  Jars T-Started 21:50  
 (C) First Final Flow 49  Safety Joint ← 75 T-Open 00:20  
 (D) Initial Shut-In 801  Circ Sub T-Pulled 03:55  
 (E) Second Initial Flow 52  Hourly Standby T-Out 06:00  
 (F) Second Final Flow 181  Mileage 76.07E 117.80 Comments 33 hrs between  
 (G) Final Shut-In 775  Sampler up tools.  
 (H) Final Hydrostatic 1711  Straddle  Ruined Shale Packer  
 Shale Packer  Ruined Packer  
 Extra Packer  Extra Copies

Initial Open 5  
 Initial Shut-In 60  
 Final Flow 60 90  
 Final Shut-In 90  
 Sub Total 1342.80  
 Total 2142.80  
 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Randy Kilian

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. 8095

Date	9-18-13	Sec.	19	Twp.	10	Range	21	County	GREENE KANSAS	State	KANSAS	On Location		Finish	9/30
Lease								Well No.	Location						
Contractor								Owner							
Type Job								To Quality Oilwell Cementing, Inc.							
Hole Size								You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Csg.								Charge To							
Tbg. Size								Street							
Tool								City							
Cement Left in Csg.								State							
Meas Line								Displace							
Pumptrk								Common							
Bulktrk								Poz. Mix							
Bulktrk								Gel.							
Bulktrk								Calcium							
JOB SERVICES & REMARKS								Hulls							
Remarks:								Salt							
Rat Hole								Flowseal							
Mouse Hole								Kol-Seal							
Centralizers								Mud CLR 48							
Baskets								CFL-117 or CD110 CAF 38							
DV or Port Collar								Sand							
1-10 @ 2985								Handling							
2-10 @ 1785								Mileage							
3-10 @ 985								FLOAT EQUIPMENT							
4-10 @ 265								Guide Shoe							
5-10 @ 40								Centralizer							
KAWOCE								Baskets							
230 SKS								AFU Inserts							
								Float Shoe							
								Latch Down							
								1-8 3/4 WOODEN PLUG							
								Pumptrk Charge							
								Mileage							
THANK YOU								Tax							
Signature								Discount							
								Total Charge							

# 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. 6580

Date	7/16/12	Sec.	19	Twp.	16	Range	21	County	Leavenworth	State	KS	On Location		Finish	5/15/12
Location								Barns #2110 4 1/2 S. 11th St							

Lease APC Well No. 1 Owner To Quality Oilwell Cementing, Inc.

Contractor Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Type Job Sub Charge To Northway Drilling

Hole Size 13 1/4 T.D. 217 Street \_\_\_\_\_ State \_\_\_\_\_

Csg. 3 1/2 Depth 217 City \_\_\_\_\_

Tbg. Size \_\_\_\_\_ Depth \_\_\_\_\_ The above was done to satisfaction and supervision of owner agent or contractor.

Tool \_\_\_\_\_ Depth \_\_\_\_\_ Cement Amount Ordered 1500 @ 3 1/2 CC 2 1/2 1/2

Cement Left in Csg. 15 Shoe Joint \_\_\_\_\_

Meas Line \_\_\_\_\_ Displace 174234 Common 150

**EQUIPMENT**

Pumptrk	No. <u>16</u>	Cementer		Poz. Mix
		Helper		
Bulktrk	No. <u>16</u>	Driver		Gel. <u>20</u>
		Driver		
Bulktrk	No. <u>8</u>	Driver		Calcium
		Driver		

**JOB SERVICES & REMARKS**

Remarks: \_\_\_\_\_ Hulls \_\_\_\_\_

Rat Hole \_\_\_\_\_ Salt \_\_\_\_\_

Mouse Hole \_\_\_\_\_ Flowseal \_\_\_\_\_

Centralizers \_\_\_\_\_ Kol-Seal \_\_\_\_\_

Baskets \_\_\_\_\_ Mud CLR 48 \_\_\_\_\_

D/V or Port Collar \_\_\_\_\_ CFL-117 or CD110 CAF 38 \_\_\_\_\_

\_\_\_\_\_ Sand \_\_\_\_\_

\_\_\_\_\_ Handling 158 \_\_\_\_\_

\_\_\_\_\_ Mileage \_\_\_\_\_

**FLOAT EQUIPMENT**

Guide Shoe \_\_\_\_\_

Centralizer \_\_\_\_\_

Baskets \_\_\_\_\_

AFU Inserts \_\_\_\_\_

Float Shoe \_\_\_\_\_

Latch Down \_\_\_\_\_

Pumptrk Charge 500.00

Mileage 25

Tax	
Discount	
Total Charge	

X Signature [Signature]