



**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: \_\_\_\_\_



1149096

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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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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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 #2**

### **19-10s-21w Graham,KS**

Start Date: 2012.12.02 @ 18:25:00

End Date: 2012.12.03 @ 02:05:00

Job Ticket #: 51534                      DST #: 1

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

Printed: 2012.12.04 @ 10:45:37



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Patriot Oil LLC

**19-10s-21w Graham,KS**

1716 N Main St Suite A #170  
Longmont, CO 80501

**APO #2**

Job Ticket: 51534

**DST#: 1**

ATTN: Randy Kilian

Test Start: 2012.12.02 @ 18:25:00

## GENERAL INFORMATION:

Formation: **LKC "C & D"**

Deviated: No Whipstock: 2266.00 ft (KB)

Time Tool Opened: 20:49:40

Time Test Ended: 02:05:00

Test Type: Conventional Straddle (Initial)

Tester: Jim Svaty

Unit No: 41

**Interval: 3572.00 ft (KB) To 3615.00 ft (KB) (TVD)**

Reference Elevations: 2266.00 ft (KB)

Total Depth: 3979.00 ft (KB) (TVD)

2260.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

**Serial #: 6752 Inside**

Press @ Run Depth: 22.03 psig @ 3573.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.12.02

End Date:

2012.12.03

Last Calib.: 2012.12.03

Start Time: 18:25:01

End Time:

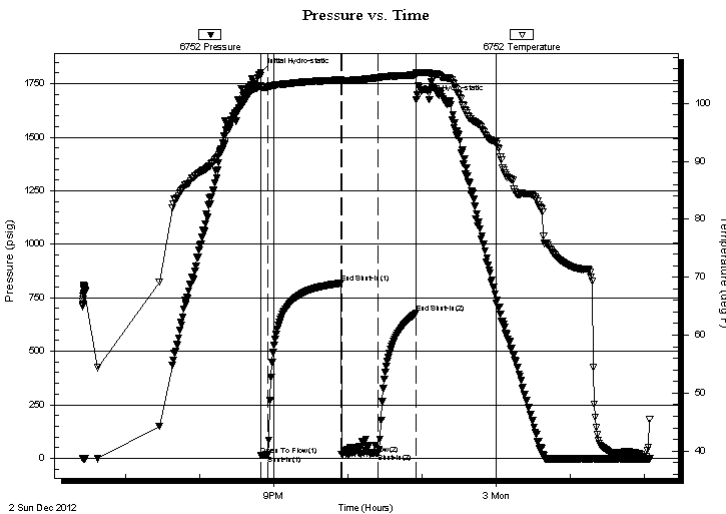
02:04:40

Time On Btm: 2012.12.02 @ 20:49:30

Time Off Btm: 2012.12.02 @ 22:55:20

**TEST COMMENT:** 5-IFP- Surface Blow Building to 1"  
60-ISIP- No Blow  
30-FFP- Surface Blow in 2 min. Building to 1/2"  
30-FSIP- No Blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1802.75	103.05	Initial Hydro-static
1	13.70	102.72	Open To Flow (1)
6	15.86	102.87	Shut-In(1)
65	817.91	104.08	End Shut-In(1)
66	17.09	103.93	Open To Flow (2)
95	22.03	104.48	Shut-In(2)
126	676.97	104.95	End Shut-In(2)
126	1676.57	105.37	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	MUD 100%	0.21

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Patriot Oil LLC

**19-10s-21w Graham,KS**

1716 N Main St Suite A #170  
Longmont, CO 80501

**APO #2**

Job Ticket: 51534

**DST#: 1**

ATTN: Randy Kilian

Test Start: 2012.12.02 @ 18:25:00

## Tool Information

Drill Pipe:	Length: 3562.00 ft	Diameter: 3.80 inches	Volume: 49.97 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 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: 50000.00 lb
			<u>Total Volume: 49.97 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3572.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	3615.00 ft			
Interval between Packers:	43.00 ft			
Tool Length:	429.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3555.00	
Hydraulic tool	5.00			3560.00	
Safety Joint	2.00			3562.00	
Packer	5.00			3567.00	22.00 Bottom Of Top Packer
Packer	5.00			3572.00	
Stubb	1.00			3573.00	
Recorder	0.00	6752	Inside	3573.00	
Recorder	0.00	8322	Outside	3573.00	
Perforations	2.00			3575.00	
Change Over Sub	1.00			3576.00	
Blank Spacing	31.00			3607.00	
Change Over Sub	1.00			3608.00	
Perforations	3.00			3611.00	
Blank Off Sub	4.00			3615.00	43.00 Tool Interval
Packer	1.00			3616.00	
Stubb	1.00			3617.00	
Perforations	15.00			3632.00	
Recorder	0.00	8734	Below	3632.00	
Change Over Sub	1.00			3633.00	
Blank Spacing	342.00			3975.00	
Change Over Sub	1.00			3976.00	
Bullnose	3.00			3979.00	364.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>		<b>429.00</b>			



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Patriot Oil LLC

**19-10s-21w Graham,KS**

1716 N Main St Suite A #170  
Longmont, CO 80501

**APO #2**

Job Ticket: 51534

**DST#: 1**

ATTN: Randy Kilian

Test Start: 2012.12.02 @ 18:25:00

## 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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	MUD 100%	0.210

Total Length: 15.00 ft      Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



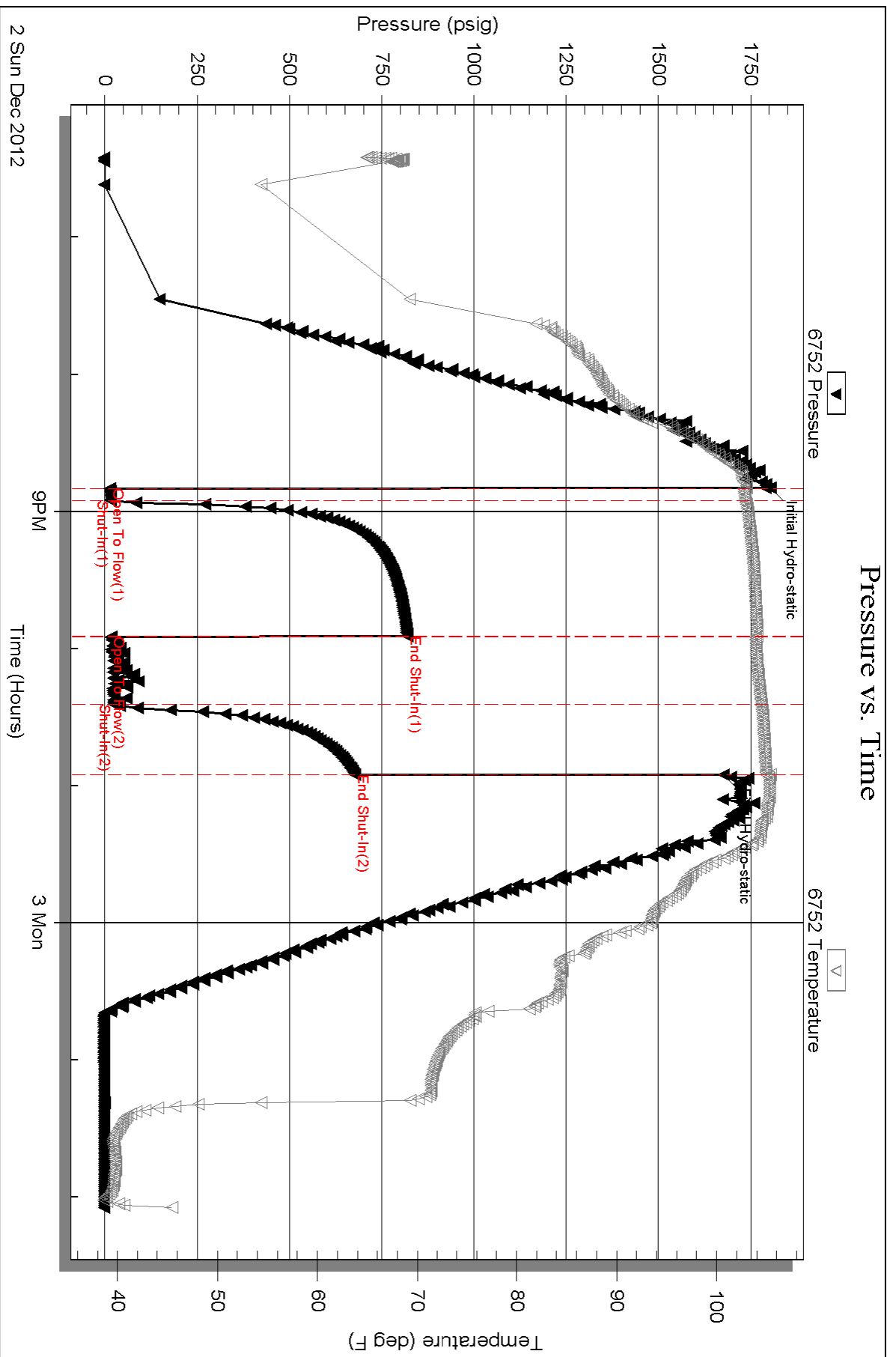
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Inside

American Patriot Oil LLC

AP0 #2

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 51534

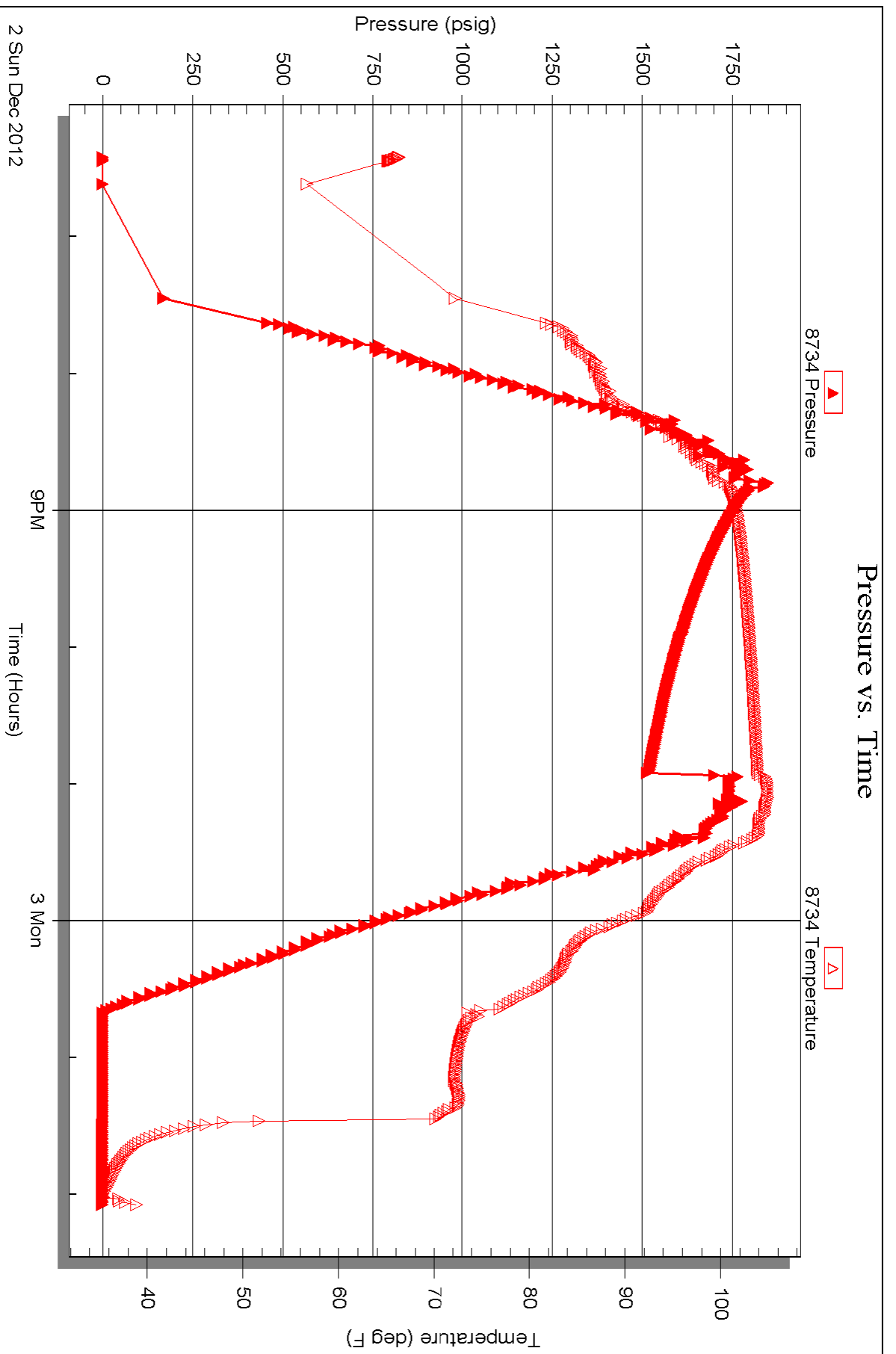
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Serial #: 8734

Below (Stratton) Patriot Oil LLC

AP0 #2

DST Test Number: 1

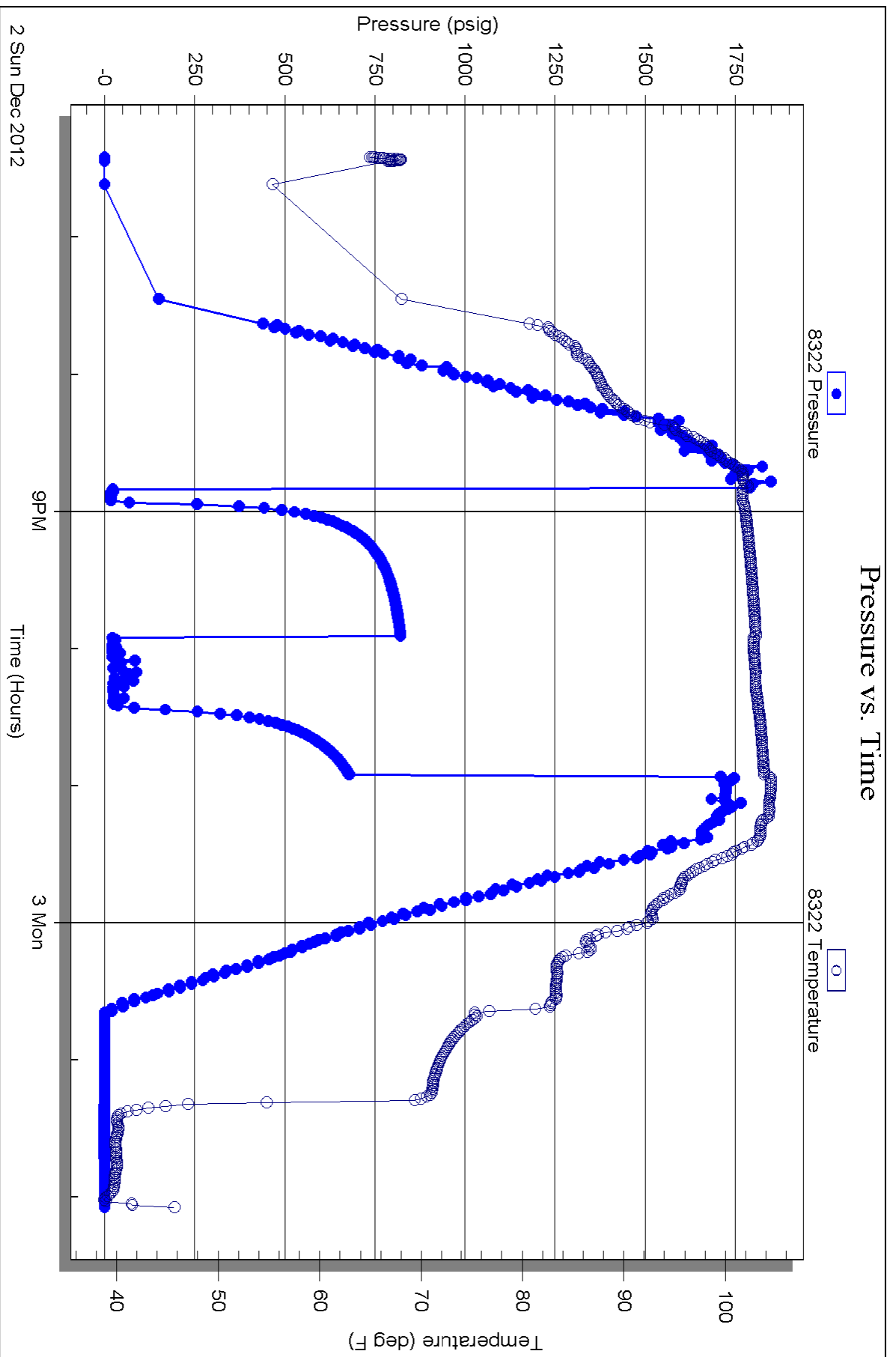


Serial #: 8322

Outside American Patriot Oil LLC

AP0 #2

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 51534

Printed: 2012.12.04 @ 10:45:43



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 51534

4/10

Well Name & No. APD #2 Test No. 1 Date 12-2-12  
 Company American Patriot Oil LLC Elevation 2266 KB 2260 GL  
 Address 1716 N. Main Ste A #170 Longmont CO 80501  
 Co. Rep / Geo. Bandy Killian Rig American Eagle #2  
 Location: Sec. 19 Twp. 10<sup>s</sup> Rge. 21<sup>w</sup> Co. \_\_\_\_\_ State KS

Interval Tested 3572-3615 Zone Tested LKC "C & D"  
 Anchor Length 43 - 364 Tailpipe Drill Pipe Run 3562 Mud Wt. 9.3  
 Top Packer Depth 3572 Drill Collars Run ~~3572~~ Vis 55  
 Bottom Packer Depth 3615 Wt. Pipe Run ~~3572~~ WL 7.8  
 Total Depth 3979 Chlorides 1600 ppm System LCM 2

Blow Description IFP - Surface Blow Building to 1 in.  
ISIP - No Blow  
FFP - Surface Blow in 2 min Building to 1/2 in.  
FSIP - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>MWD</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 15 BHT 105 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1802  Test 1150 T-On Location 17:18  
 (B) First Initial Flow 13  Jars \_\_\_\_\_ T-Started 18:25  
 (C) First Final Flow 15  Safety Joint 75 T-Open 20:50  
 (D) Initial Shut-In 817  Circ Sub \_\_\_\_\_ T-Pulled 22:55  
 (E) Second Initial Flow 17  Hourly Standby \_\_\_\_\_ T-Out 02:05  
 (F) Second Final Flow 22  Mileage 87 RT 134.85 Comments \_\_\_\_\_  
 (G) Final Shut-In 676  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1676  Straddle 600  Ruined Shale Packer \_\_\_\_\_

Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1959.85  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_

Initial Open 5  
 Initial Shut-In 60  
 Final Flow 30  
 Final Shut-In 30  
 Sub Total 1959.85

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.



# 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. 6260

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-25-12	19	10	21	GRAHAM	KANSAS		8:45 pm
Lease				Well No. #2		Owner	
Contractor				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.	
Type Job				Charge To		Street	
Hole Size				T.D.		City	
Csg.				Depth		State	
Tbg. Size				Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Tool				Depth		Cement Amount Ordered	
Cement Left in Csg.				Shoe Joint		Meas Line	
Displace				EQUIPMENT		Common	
Pumptrk				No. Cementer		160	
Bulktrk				No. Helper		160	
Bulktrk				No. Driver		3	
Bulktrk				No. Driver		5	
JOB SERVICES & REMARKS				Hulls		Salt	
Remarks:				Flowseal		Kol-Seal	
Rat Hole				Mud CLR 48		CFL-117 or CD110 CAF 38	
Mouse Hole				Sand		Handling	
Centralizers				Mileage		168	
Baskets				FLOAT EQUIPMENT		Guide Shoe	
D/V or Port Collar				Centralizer		Baskets	
Cemented did circulate!				AFU Inserts		Float Shoe	
THANK YOU!				Latch Down		Pumptrk Charge	
Signature				Mileage		Surface	
				Tax		Discount	
				Total Charge			



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 6264

Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
12-3-12	19	10	21	Geary	KANSAS		7:00 PM
Lease A.P.O.				Location R-200 P-15N-234E-4W-W/TNT		Well No. #2	
Contractor A.E. #2				Owner AMERICAN PATENT			
Type Job P.T.A.				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 1/2"		T.D. 3,976		Charge To AMERICAN PATENT			
Csg. 4 1/2"		Depth		Street 1716 N. MAIN STREET SEB #170			
Tbg. Size		Depth		City Longmont		State CO, 80501	
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg.		Shoe Joint		Cement Amount Ordered 205 1/2 bags 4984			
Meas Line		Displace		Common 12.3			
<b>EQUIPMENT</b>				<b>Common</b>			
Pumptrk #15	No.	Cementer		Poz. Mix	82		
		Helper	NICK	Gel.	7		
Bulktrk #14	No.	Driver	LOANATEM	Calcium			
		Driver					
Bulktrk #10	No.	Driver	CTSON				
		Driver					
<b>JOB SERVICES &amp; REMARKS</b>				<b>Hulls</b>			
Remarks:				Salt			
Rat Hole 30 SKS				Flowseal 50#			
Mouse Hole				Kol-Seal			
Centralizers				Mud CLR 48			
Baskets				CFL-117 or CD110 CAF 38			
D/V or Port Collar				Sand			
				Handling 212			
1st @ 1,775'				25 SKS			
2nd @ 960'				100 SKS			
3rd @ 310'				40 SKS			
4TH @ 40'				10 SKS			
RATHOLE				30 SKS			
				205 SKS			
				<b>FLOAT EQUIPMENT</b>			
				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				1-8 1/2" WOODEN PLUG			
				Pumptrk Charge Plus			
				Mileage 48			
THANK YOU!				Tax			
Signature [Signature] AEO				Discount			
				Total Charge			