



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1248443  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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
- Plug Back       Conv. to GSW       Conv. to Producer
- 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

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

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

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

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

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

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

Total Vertical 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

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



1248443

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

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

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

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
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

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

# ALLIED OIL & GAS SERVICES, LLC 055649

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

*Russell*

*APD 16-Rostwell #1*

DATE <i>3.9.15</i>	SEC <i>32</i>	TWP. <i>8</i>	RANGE <i>19</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <i>APD 16-Rostwell</i>	WELL.# <i>1</i>	LOCATION <i>Zuni</i>			COUNTY <i>Neosho</i>	STATE <i>Ks</i>	

OLD  NEW (Circle one)

*n to rd 1/2 W S E 10th*

CONTRACTOR <i>American Eagle</i>	OWNER
TYPE OF JOB <i>PTA</i>	
HOLE SIZE <i>7 7/8</i>	T.D.
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <i>4 1/2</i>	DEPTH <i>3480'</i>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <i>Sea Cementing 100%</i>	

CEMENT AMOUNT ORDERED <i>290 sl</i>	
<i>60140 + 47. gel</i>	
<del>COMMON</del> <i>290 sl</i> @ <i>16.52</i>	<i>\$4,495.00</i>
POZMIX @	
GEL @	
CHLORIDE @	
ASC @	
<i>Material</i> @ <i>4495.00</i>	
<i>Disc</i> @ <i>1798.00</i>	
HANDLING <i>290 sl Ft</i> @ <i>2.45</i>	<i>\$719.20</i>
MILEAGE <i>438</i> <i>Tim</i> @ <i>2.75</i>	<i>\$1203.13</i>
<i>432.5</i>	TOTAL <i>-1</i>

REMARKS:  
*Plc 3480' @ 50sl 72=1538 @ 50sl*  
*P30 900' @ 100sl Plc 315' @ 50sl*  
*20= 40' @ 100sl 1x 8x8 wooden ply*  
*Plc 30sl RATHOLE*

*See Cementing Job log*

*Plugging #97996*

CHARGE TO: *American Patriot*  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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 \_\_\_\_\_  
 SIGNATURE *Burghard Risher*

SERVICE

DEPTH OF JOB	<i>3480'</i>
PUMP TRUCK CHARGE	<i>\$2,558.75</i>
EXTRA FOOTAGE @	
MILEAGE <i>Heavy 70</i> @ <i>7.7</i>	<i>\$539.00</i>
MANIFOLD <i>high 35</i> @ <i>4.4</i>	<i>\$154.00</i>
<i>Disc 2069.63</i>	TOTAL <i>\$5174.08</i>

PLUG & FLOAT EQUIPMENT

<i>1x 8x8 wooden Ply</i> @	<i>110.00</i>
<i>Disc 44.00</i>	TOTAL <i>\$110.00</i>

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES *\$9779.08*  
 DISCOUNT *\$3,911.63* *40%* IF PAID IN 30 DAYS  
*Net 5867.45*

# ALLIED OIL & GAS SERVICES, LLC 055643

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell

AP0 16-Rostock #1

DATE <u>3.3.15</u>	SEC <u>32</u>	TWP <u>8</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
AP0 LEASE <u>16-Rostock</u>	WELL# <u>1</u>	LOCATION <u>Zurich</u>			COUNTY <u>Roark</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>new</u>				<u>n oho Rd 1 1/2 W 1/2 S</u>		<u>e into</u>	

CONTRACTOR <u>American Eagle</u>	OWNER
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D.
CASING SIZE <u>8 5/8</u>	DEPTH <u>263'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>15'</u>
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>15,190 @ 120</u>	

EQUIPMENT			
PUMP TRUCK # <u>409</u>	CEMENTER <u>Amy Akmenushal</u>		
	HELPER <u>Tracy J.</u>	<u>Material</u>	@ <u>3842.00</u>
BULK TRUCK # <u>410</u>	DRIVER <u>Ben G.</u>	<u>Line</u>	@ <u>1536.80</u>
BULK TRUCK #	DRIVER		
HANDLING <u>175sk #</u>	@ <u>2.48</u>		\$ <u>434.00</u>
MILEAGE <u>28.87571m</u>	@ <u>2.75</u>		\$ <u>794.00</u>
TOTAL \$			

REMARKS:

See Cementing Job log  
Cement to Surface

SERVICE

DEPTH OF JOB <u>263'</u>	
PUMP TRUCK CHARGE	\$ <u>1512.25</u>
EXTRA FOOTAGE	@
MILEAGE <u>Hequy 70</u>	@ <u>7.7</u> \$ <u>539.00</u>
MANIFOLD <u>light 35</u>	@ <u>44</u> \$ <u>154.00</u>
	@
	@

CHARGE TO: American Patriot  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

Line 1373.32 TOTAL 3499.31

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
	@	
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 \_\_\_\_\_  
SIGNATURE Bruce Paul Park

SALES TAX (If Any) \_\_\_\_\_  
TOTAL CHARGES \$ 7,275.31  
DISCOUNT \$ 2,910.12 IF PAID IN 30 DAYS  
Net 4365.19



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

American Patriot Oil LLC

**32-8-19, Rooks, KS**

Suite 765 Parker  
CO 80134

**APO 16-Rostocil**

Job Ticket: 62327

**DST#: 1**

ATTN: Marc D

Test Start: 2015.03.08 @ 04:58:00

## GENERAL INFORMATION:

Formation: **Arb.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:53:30

Time Test Ended: 11:30:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Brett Dickinson

Unit No: 59

**Interval: 3461.00 ft (KB) To 3511.00 ft (KB) (TVD)**

Reference Elevations: 2056.00 ft (KB)

Total Depth: 3511.00 ft (KB) (TVD)

2051.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

**Serial #: 8934**

**Inside**

Press @ Run Depth: 40.15 psig @ 3462.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.03.08

End Date:

2015.03.08

Last Calib.:

2015.03.08

Start Time:

04:58:05

End Time:

11:30:14

Time On Btm:

2015.03.08 @ 07:52:45

Time Off Btm:

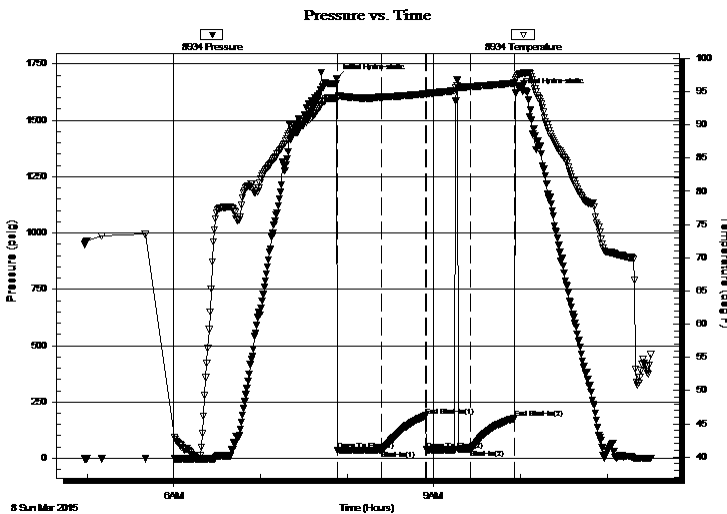
2015.03.08 @ 09:57:15

TEST COMMENT: IF-3/4in blow ie to 1/2in blow

ISI-No blow

FF-No blow Flush tool weak surface blow died in 5 min

FSI-No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1684.74	94.07	Initial Hydro-static
1	34.66	94.06	Open To Flow (1)
31	36.41	94.20	Shut-In(1)
62	188.43	94.67	End Shut-In(1)
63	37.38	94.63	Open To Flow (2)
93	40.15	95.74	Shut-In(2)
123	176.83	96.29	End Shut-In(2)
125	1623.79	97.16	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM	0.15

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Patriot Oil LLC

**32-8-19,Rooks,KS**

Suite 765 Parker  
CO 80134

**APO 16-Rostocil**

Job Ticket: 62327

**DST#: 1**

ATTN: Marc D

Test Start: 2015.03.08 @ 04:58:00

## 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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCM	0.148

Total Length: 30.00 ft      Total Volume: 0.148 bbl

Num Fluid Samples: 0

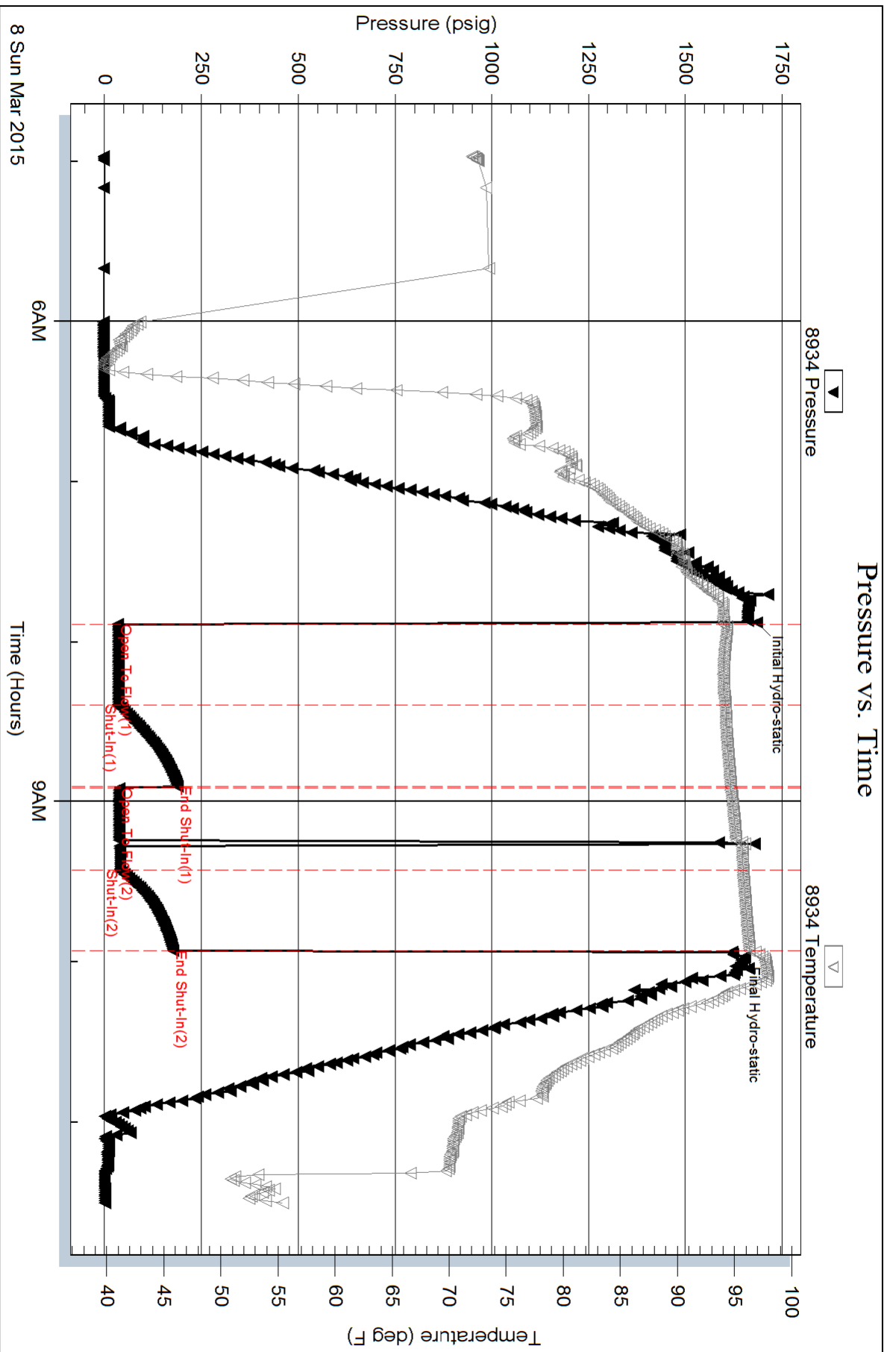
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Patriot Oil LLC

**32-8-19, Rooks, KS**

Suite 765 Parker  
CO 80134

**APO 16-Rostocil**

Job Ticket: 62328

**DST#: 2**

ATTN: Marc D

Test Start: 2015.03.08 @ 18:15:00

## GENERAL INFORMATION:

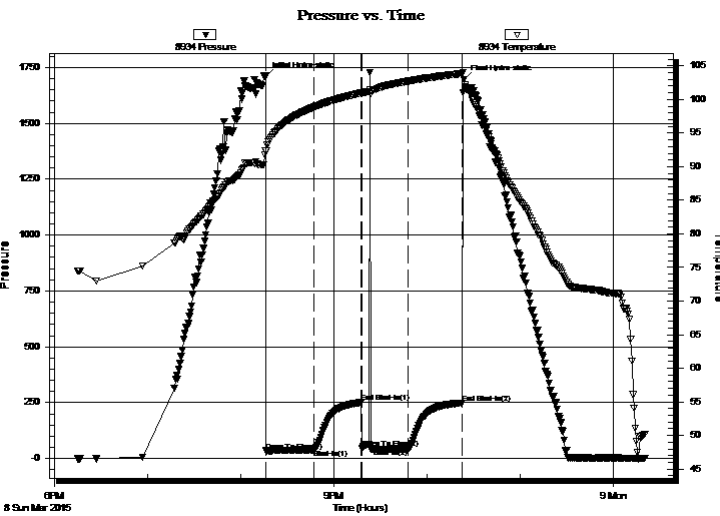
Formation: **Arb**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 20:16:30  
 Time Test Ended: 00:20:30  
 Interval: **3511.00 ft (KB) To 3525.00 ft (KB) (TVD)**  
 Total Depth: 3525.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Brett Dickinson  
 Unit No: 59  
 Reference Elevations: 2056.00 ft (KB)  
 2051.00 ft (CF)  
 KB to GR/CF: 5.00 ft

## Serial #: 8934

Inside

Press@RunDepth: 44.36 psig @ 3512.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2015.03.08 End Date: 2015.03.09 Last Calib.: 2015.03.09  
 Start Time: 18:15:05 End Time: 00:20:29 Time On Btm: 2015.03.08 @ 20:16:00  
 Time Off Btm: 2015.03.08 @ 22:24:00

TEST COMMENT: IF-weak surface blow  
 IS-No blow  
 FF-No blow  
 FS-No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1709.38	92.29	Initial Hydro-static
1	34.41	92.37	Open To Flow (1)
32	39.93	98.85	Shut-In(1)
62	250.23	100.98	End Shut-In(1)
62	45.57	100.91	Open To Flow (2)
92	44.36	102.73	Shut-In(2)
127	248.80	103.86	End Shut-In(2)
128	1695.57	102.96	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
14.00	OCM Splash of water	0.07
1.00	Free Oil	0.00

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

American Patriot Oil LLC

**32-8-19, Rooks, KS**

Suite 765 Parker  
CO 80134

**APO 16-Rostocil**

Job Ticket: 62328

**DST#: 2**

ATTN: Marc D

Test Start: 2015.03.08 @ 18:15:00

### 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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
14.00	OCM Splash of water	0.069
1.00	Free Oil	0.005

Total Length: 15.00 ft      Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Didnt catch the water but seen it

Serial #: 8934

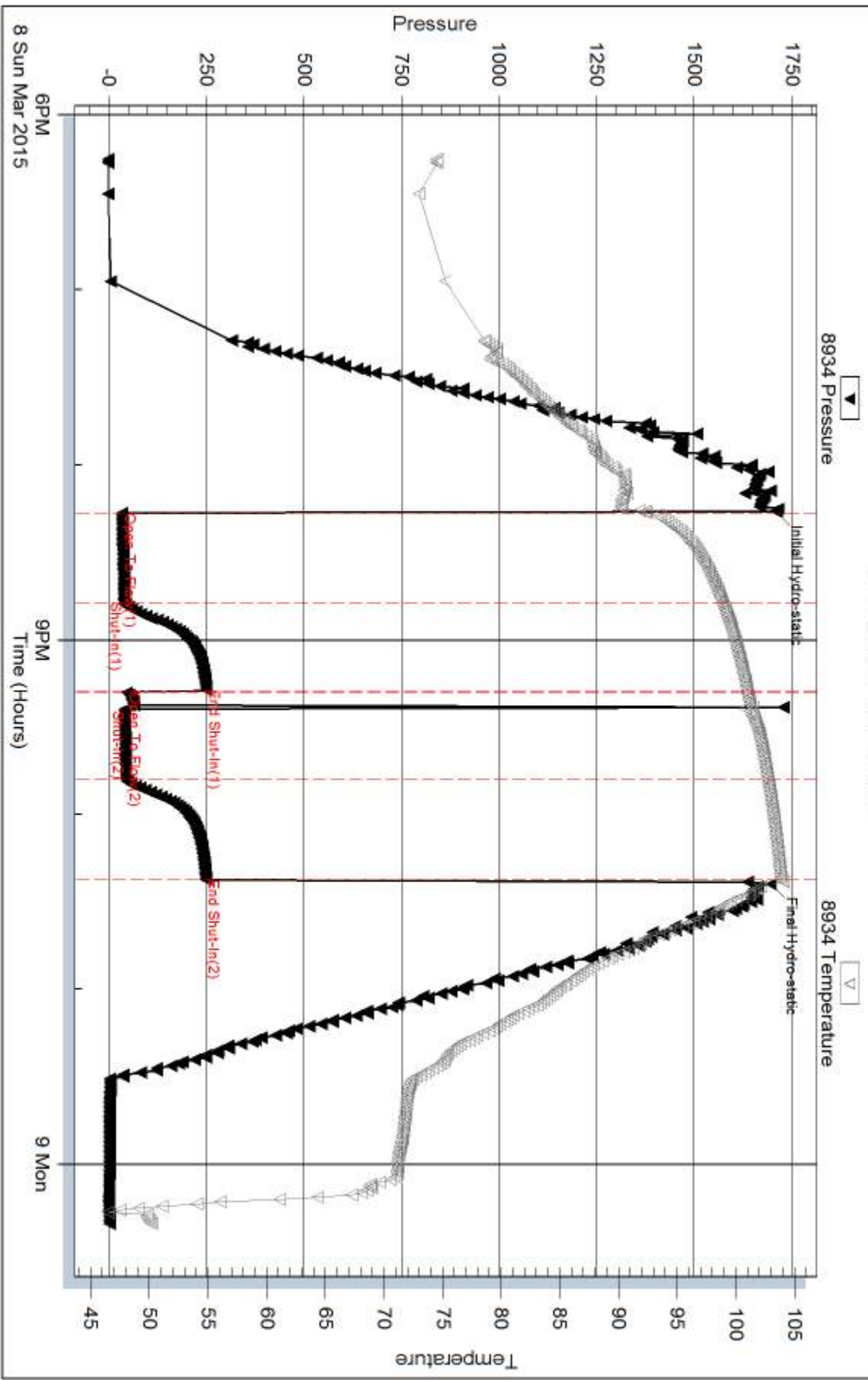
Inside

American Patriot Oil Llc

AP0 16-Rostcoil

DST Test Number: 2

### Pressure vs. Time



Tribble Testing, Inc

Ref. No: 62328

Printed: 2015.03.09 @ 16:41:52



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Patriot Oil LLC

**32-8-19, Rooks, KS**

Suite 765 Parker  
CO 80134

**APO 16-Rostocil**

Job Ticket: 62329

**DST#: 3**

ATTN: Marc D

Test Start: 2015.03.09 @ 11:55:00

## GENERAL INFORMATION:

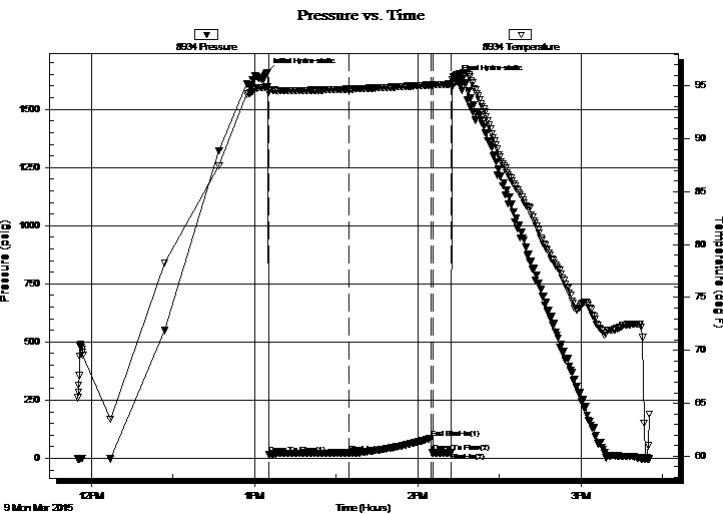
Formation: **KC "I"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 13:05:15  
 Time Test Ended: 15:25:30  
 Interval: **3403.00 ft (KB) To 3435.00 ft (KB) (TVD)**  
 Total Depth: 3537.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Brett Dickinson  
 Unit No: 59  
 Reference Elevations: 2056.00 ft (KB)  
 2051.00 ft (CF)  
 KB to GR/CF: 5.00 ft

## Serial #: 8934

Inside

Press@RunDepth: 23.40 psig @ 3404.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2015.03.09 End Date: 2015.03.09 Last Calib.: 2015.03.09  
 Start Time: 11:55:05 End Time: 15:25:30 Time On Btm: 2015.03.09 @ 13:04:30  
 Time Off Btm: 2015.03.09 @ 14:13:45

TEST COMMENT: IF-1/4" blow  
 IS-No blow  
 FF-No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1657.92	94.92	Initial Hydro-static
1	18.50	94.34	Open To Flow (1)
31	23.40	94.70	Shut-In(1)
61	86.37	95.09	End Shut-In(1)
61	23.96	95.08	Open To Flow (2)
68	24.59	95.18	Shut-In(2)
70	1626.02	95.99	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud	0.07

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

American Patriot Oil LLC

**32-8-19, Rooks, KS**

Suite 765 Parker  
CO 80134

**APO 16-Rostocil**

Job Ticket: 62329 **DST#: 3**

ATTN: Marc D

Test Start: 2015.03.09 @ 11:55:00

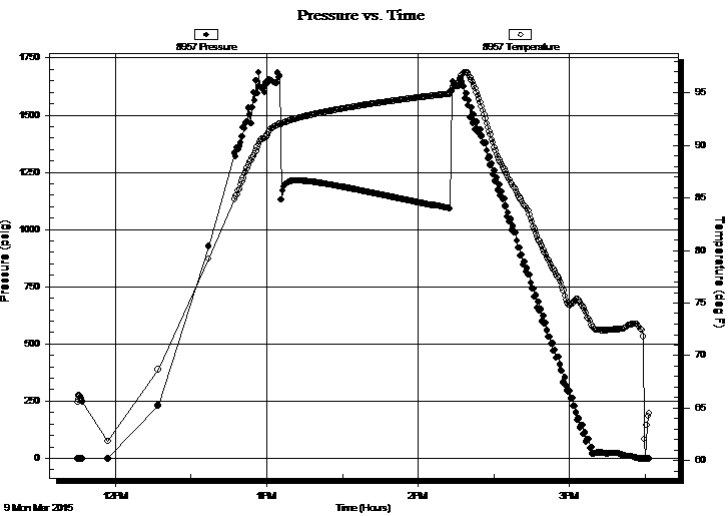
## GENERAL INFORMATION:

Formation:	<b>KC "I"</b>				
Deviated:	No	Whipstock:	ft (KB)	Test Type:	Conventional Bottom Hole (Reset)
Time Tool Opened:	13:05:15			Tester:	Brett Dickinson
Time Test Ended:	15:25:30			Unit No:	59
<b>Interval:</b>	<b>3403.00 ft (KB) To 3435.00 ft (KB) (TVD)</b>			Reference Elevations:	2056.00 ft (KB)
Total Depth:	3537.00 ft (KB) (TVD)				2051.00 ft (CF)
Hole Diameter:	7.88 inches	Hole Condition:	Fair	KB to GR/CF:	5.00 ft

### Serial #: 8957 Below (Straddle)

Press@RunDepth:	psig @	3443.00 ft (KB)	Capacity:	8000.00 psig	
Start Date:	2015.03.09	End Date:	2015.03.09	Last Calib.:	2015.03.09
Start Time:	11:45:05	End Time:	15:32:00	Time On Btm:	
				Time Off Btm:	

TEST COMMENT: IF-1/4" blow  
IS-No blow  
FF-No blow



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud	0.07

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Patriot Oil LLC

**32-8-19, Rooks, KS**

Suite 765 Parker  
CO 80134

**APO 16-Rostocil**

Job Ticket: 62329

**DST#: 3**

ATTN: Marc D

Test Start: 2015.03.09 @ 11:55:00

## 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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud	0.074

Total Length: 15.00 ft      Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

