



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1241031
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
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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: _____



1241031

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

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

ALLIED OIL & GAS SERVICES, LLC 055061

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell

DATE <u>12-12-14</u>	SEC. <u>16</u>	TWP. <u>8</u>	RANGE <u>19</u>	CALLED OUT <u>8:00</u>	ON LOCATION <u>10:00</u>	JOB START <u>12:00</u>	JOB FINISH <u>12:30</u>
LEASE <u>Lowry</u>	WELL # <u>2</u>	LOCATION <u>Zurich North TO P Rd</u>			COUNTY <u>Woods</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)		<u>42 West-North Into</u>					

CONTRACTOR <u>American Eagle</u>	OWNER _____
TYPE OF JOB <u>8 5/8 Surface</u>	CEMENT _____
HOLE SIZE <u>8 5/8</u> T.D. <u>267</u>	AMOUNT ORDERED <u>170 sks Common</u>
CASING SIZE <u>8 5/8</u> DEPTH _____	<u>29062, 350cc</u>
TUBING SIZE _____ DEPTH _____	
DRILL PIPE _____ DEPTH _____	
TOOL _____ DEPTH _____	
PRES. MAX _____ MINIMUM _____	COMMON <u>170 sks @ 17.90 3043.00</u>
MEAS. LINE _____ SHOE JOINT _____	POZMIX _____ @ _____
CEMENT LEFT IN CSG. <u>15'</u>	GEL <u>320 lbs @ .50 160.00</u>
PERFS. _____	CHLORIDE <u>480 lbs @ 1.10 528.00</u>
DISPLACEMENT _____	ASC _____ @ _____

EQUIPMENT

PUMP TRUCK # <u>409</u>	CEMENTER <u>Robert Yalbovich</u>
BULK TRUCK # <u>378</u>	HELPER <u>Steve O'Leary</u>
BULK TRUCK # _____	DRIVER <u>Nathan Donner</u>
BULK TRUCK # _____	DRIVER <u>Ben Griffen</u>

Material	@	3731.00
Disc	@	1044.68
HANDLING <u>170 sks @ 2.48</u>		<u>421.60</u>
MILEAGE <u>280 mi @ .25</u>		<u>70.00</u>
TOTAL		

REMARKS:

see log

cement did circulate to surface

SERVICE

DEPTH OF JOB <u>267</u>		
PUMP TRUCK CHARGE		<u>15.1225</u>
EXTRA FOOTAGE _____ @ _____		
MILEAGE <u>35 @ 4.40</u>		<u>154.00</u>
MANIFOLD _____ @ _____		
<u>HV</u> Mileage <u>70 @ 7.70</u>		<u>539.00</u>
TOTAL		<u>3396.85</u>


CHARGE TO: American Patriot Oil, LLC
 STREET _____
 CITY _____ STATE _____ ZIP _____

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.

SALES TAX (If Any) _____
TOTAL CHARGES <u>7127.85</u>
DISCOUNT <u>1995.80</u> (28%) IF PAID IN 30 DAYS
Discounted Price: <u>5132.05</u>

PRINTED NAME: SON BRADSHAW
 SIGNATURE: 



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Patriot Oil, LLC

Sec. 16-8s-19w Rooks, KS

10940 S Parker Rd
Suite 765
Parker, CO 80134
ATTN: Roger Martin

Lowry #2

Job Ticket: 60995

DST#: 1

Test Start: 2014.12.17 @ 07:00:00

GENERAL INFORMATION:

Formation: **LKC "A-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:18:00

Time Test Ended: 15:07:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Phillip Gage - Jim S

Unit No: 76

Interval: 3225.00 ft (KB) To 3324.00 ft (KB) (TVD)

Reference Elevations: 2037.00 ft (KB)

Total Depth: 3324.00 ft (KB) (TVD)

2030.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8289 Outside

Press@RunDepth: 381.14 psig @ 3226.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.12.17 End Date: 2014.12.17

Last Calib.: 2014.12.17

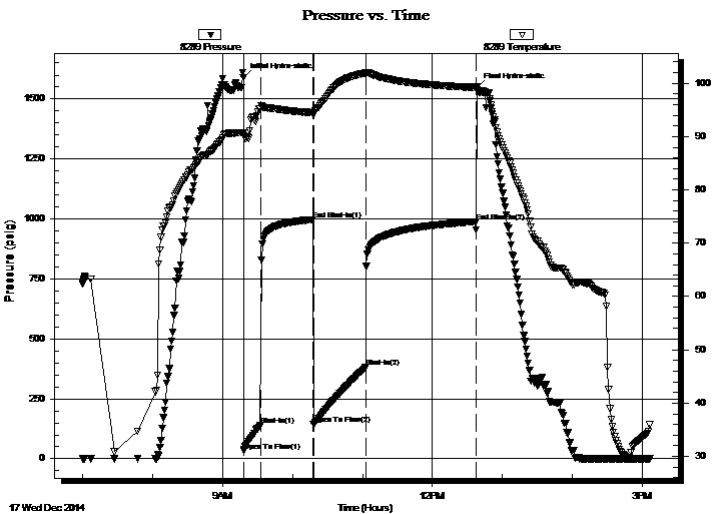
Start Time: 07:00:02 End Time: 15:07:00

Time On Btm: 2014.12.17 @ 09:17:45

Time Off Btm: 2014.12.17 @ 12:38:00

TEST COMMENT: 15-IFP- BOB in 3 1/2min.
45-ISIP- No Blow
45-FFP- BOB in 4min.
90-FSIP- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1590.13	90.72	Initial Hydro-static
1	33.56	90.13	Open To Flow (1)
15	138.67	95.36	Shut-In(1)
60	997.63	94.48	End Shut-In(1)
61	143.06	94.19	Open To Flow (2)
105	381.14	101.90	Shut-In(2)
200	988.96	99.21	End Shut-In(2)
201	1549.54	99.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
378.00	MCW 20% m 80% w	5.03
315.00	MCW 40% m 60% w	4.42
88.00	Mud 100%	1.23

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Patriot Oil, LLC

Sec. 16-8s-19w Rooks, KS

10940 S Parker Rd
Suite 765
Parker, CO 80134
ATTN: Roger Martin

Lowry #2

Job Ticket: 60995

DST#: 1

Test Start: 2014.12.17 @ 07:00:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 57.00 sec/qt
Water Loss: 7.60 in³
Resistivity: ohm.m
Salinity: 1700.00 ppm
Filter Cake: 2.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 45000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
378.00	MCW 20%m 80%w	5.029
315.00	MCW 40%m 60%w	4.419
88.00	Mud 100%	1.234

Total Length: 781.00 ft Total Volume: 10.682 bbl

Num Fluid Samples: 0

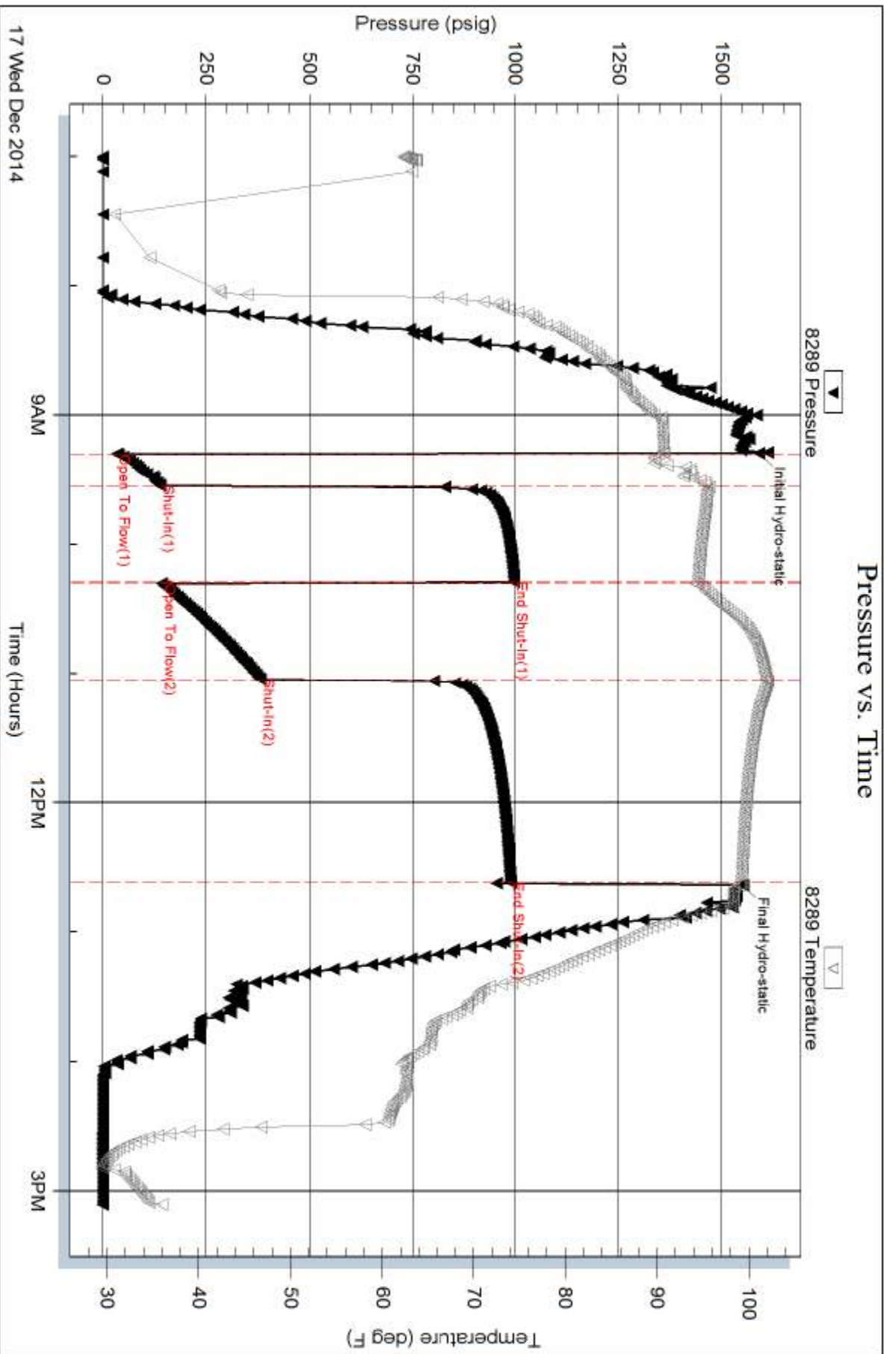
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .344 @ 34





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Patriot Oil, LLC

Sec. 16-8s-19w Rooks, KS

10940 S Parker Rd
Suite 765
Parker, CO 80134
ATTN: Roger Martin

Lowry #2

Job Ticket: 61382

DST#: 2

Test Start: 2014.12.18 @ 05:34:00

GENERAL INFORMATION:

Formation: **LKC " G - L "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:47:45

Time Test Ended: 13:20:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 76

Interval: 3315.00 ft (KB) To 3450.00 ft (KB) (TVD)

Reference Elevations: 2037.00 ft (KB)

Total Depth: 3450.00 ft (KB) (TVD)

2030.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8289 Outside

Press@RunDepth: 440.34 psig @ 3316.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.12.18

End Date:

2014.12.18

Last Calib.:

2014.12.18

Start Time: 05:34:02

End Time:

13:19:45

Time On Btm:

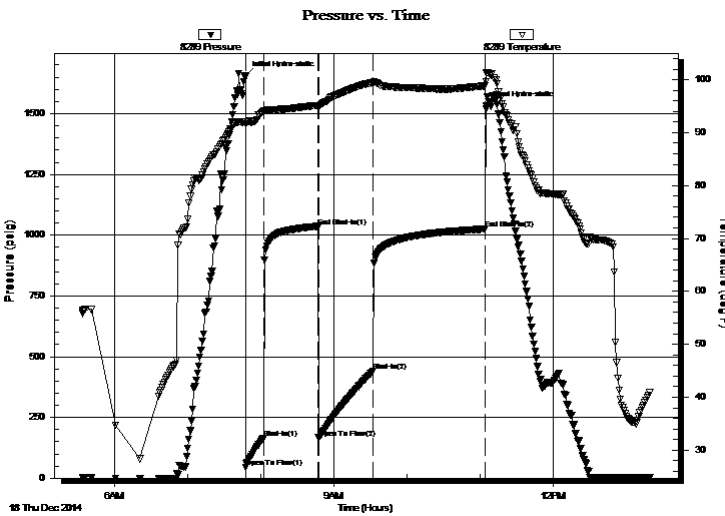
2014.12.18 @ 07:47:30

Time Off Btm:

2014.12.18 @ 11:05:00

TEST COMMENT: 15-IFP- BOB in 3 1/2min.
45-ISIP- Surface Blow in 3min. Died in 15min.
45-FFP- BOB in 3 1/2min.
90-FSIP- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1657.44	92.13	Initial Hydro-static
1	43.60	91.59	Open To Flow (1)
15	164.05	93.89	Shut-In(1)
60	1035.88	95.15	End Shut-In(1)
60	165.48	94.83	Open To Flow (2)
105	440.34	99.49	Shut-In(2)
197	1025.59	98.82	End Shut-In(2)
198	1531.28	99.59	Final Hydro-static

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
567.00	MCW 5%w 95%w	7.68
330.00	WCM 45%w 55%m	4.63

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Patriot Oil, LLC

Sec. 16-8s-19w Rooks, KS

10940 S Parker Rd
Suite 765
Parker, CO 80134
ATTN: Roger Martin

Lowry #2

Job Ticket: 61382

DST#: 2

Test Start: 2014.12.18 @ 05:34:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 7.60 in³

Resistivity: ohm.m

Salinity: 2700.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 38500 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
567.00	MCW 5% _m 95% _w	7.680
330.00	WCM 45% _w 55% _m	4.629

Total Length: 897.00 ft Total Volume: 12.309 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

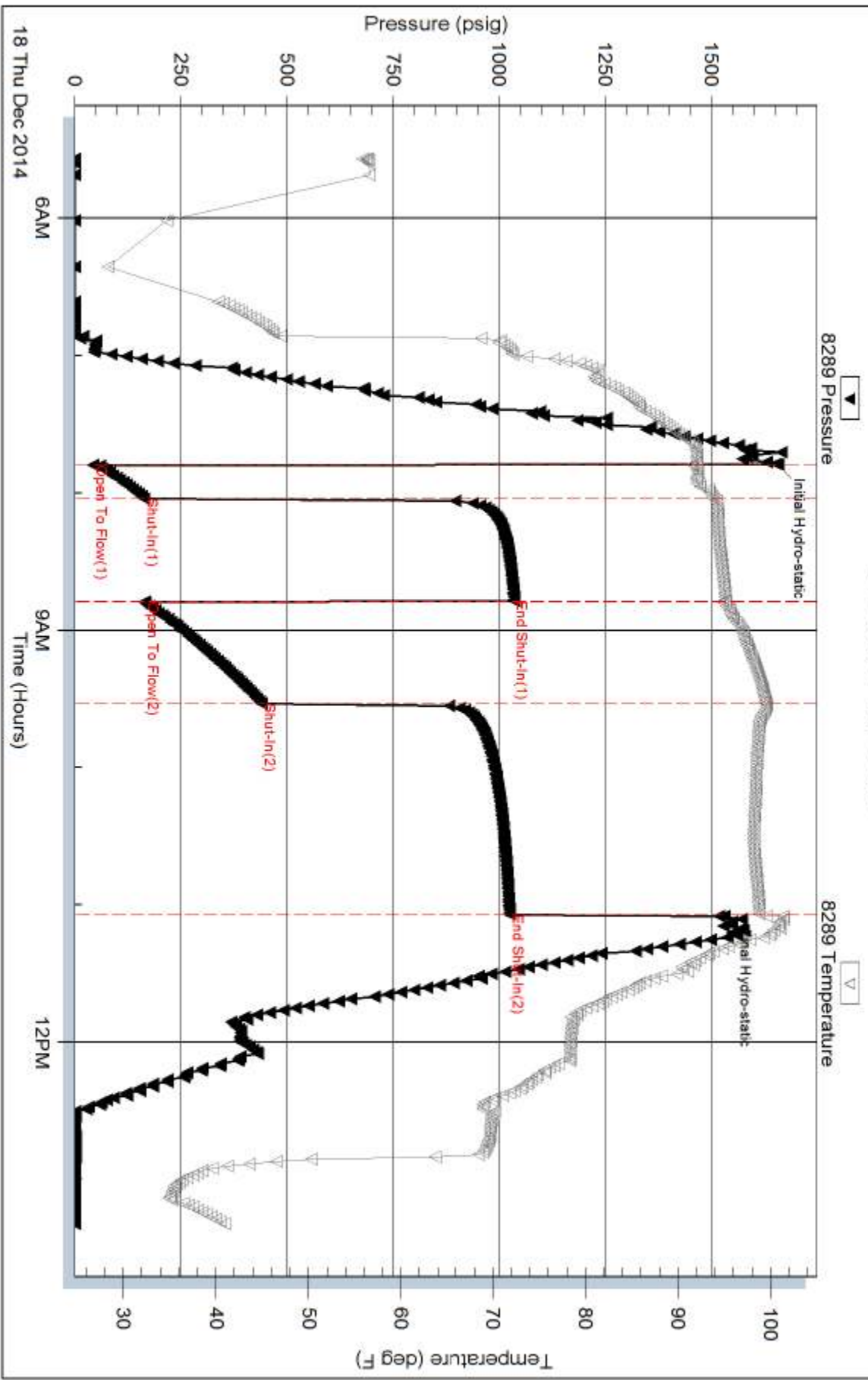
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .355 @ 37

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Patriot Oil, LLC

Sec. 16-8s-19w Rooks, KS

10940 S Parker Rd
Suite 765
Parker, CO 80134
ATTN: Roger Martin

Lowry #2

Job Ticket: 61384

DST#: 4

Test Start: 2014.12.21 @ 02:07:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:28:45

Time Test Ended: 09:50:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 76

Interval: 3453.00 ft (KB) To 3499.00 ft (KB) (TVD)

Reference Elevations: 2037.00 ft (KB)

Total Depth: 3499.00 ft (KB) (TVD)

2030.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8289 Outside

Press @ Run Depth: 41.86 psig @ 3459.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.12.21

End Date:

2014.12.21

Last Calib.:

2014.12.21

Start Time: 02:07:02

End Time:

09:50:00

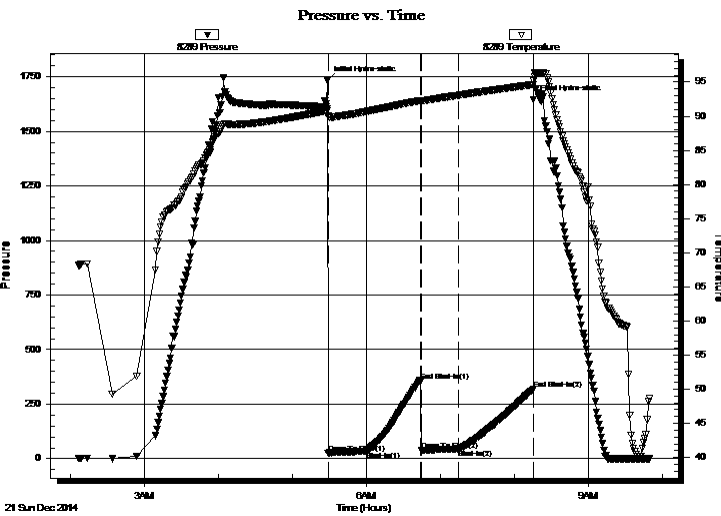
Time On Btm:

2014.12.21 @ 05:28:30

Time Off Btm:

2014.12.21 @ 08:15:15

TEST COMMENT: 30-IFP- Good Surge on tool Open --- No Blow
45-ISIP- No Blow
30-FFP- Good Surge on tool Open-- No Blow -- Flushed in 8min. No Blow
60-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1732.67	90.83	Initial Hydro-static
1	24.44	89.90	Open To Flow (1)
32	34.23	90.68	Shut-In(1)
76	357.31	92.29	End Shut-In(1)
76	37.43	92.11	Open To Flow (2)
106	41.86	93.06	Shut-In(2)
167	317.46	94.62	End Shut-In(2)
167	1645.82	95.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
33.00	OSM 100%	0.19

* Recovery from multiple tests

Gas Rates

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



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DRILL STEM TEST REPORT

American Patriot Oil, LLC

Sec. 16-8s-19w Rooks, KS

10940 S Parker Rd
Suite 765
Parker, CO 80134
ATTN: Roger Martin

Lowry #2

Job Ticket: 61385

DST#: 5

Test Start: 2014.12.22 @ 11:21:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:03:00

Time Test Ended: 18:47:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 76

Interval: 3453.00 ft (KB) To 3519.00 ft (KB) (TVD)

Reference Elevations: 2037.00 ft (KB)

Total Depth: 3519.00 ft (KB) (TVD)

2030.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8289 Outside

Press @ Run Depth: 51.63 psig @ 3459.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.12.22

End Date:

2014.12.22

Last Calib.:

2014.12.22

Start Time: 11:21:02

End Time:

18:46:45

Time On Btm:

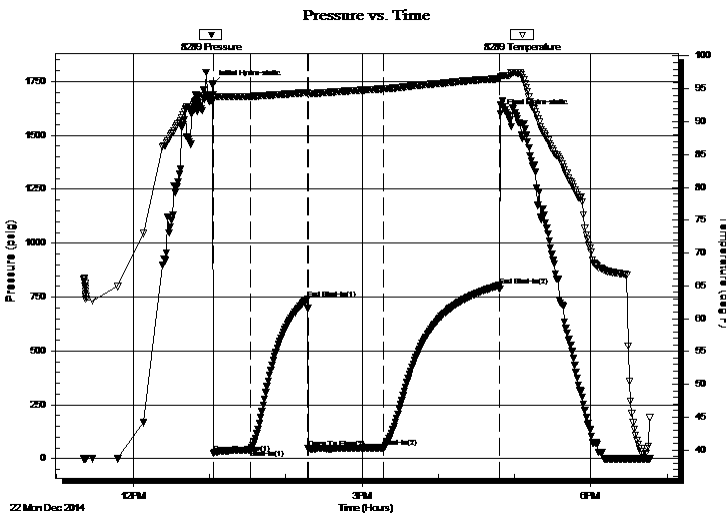
2014.12.22 @ 13:02:45

Time Off Btm:

2014.12.22 @ 16:48:45

TEST COMMENT: 30-IFP- Surface Blow Building to 3 1/4in.
45-ISIP- No Blow
60-FFP- Surface Blow Building to 1 3/4in.
90-FSIP- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1735.47	94.09	Initial Hydro-static
1	26.84	93.39	Open To Flow (1)
30	41.66	93.83	Shut-In(1)
75	739.88	94.42	End Shut-In(1)
75	46.47	94.21	Open To Flow (2)
135	51.63	94.99	Shut-In(2)
225	803.45	96.52	End Shut-In(2)
226	1599.37	96.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
67.00	OSM 100%	0.67

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

American Patriot Oil, LLC

Sec. 16-8s-19w Rooks, KS

10940 S Parker Rd
Suite 765
Parker, CO 80134
ATTN: Roger Martin

Lowry #2

Job Ticket: 61385

DST#: 5

Test Start: 2014.12.22 @ 11:21:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 7.80 in³

Resistivity: ohm.m

Salinity: 2900.00 ppm

Filter Cake: 2.00 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
67.00	OSM 100%	0.667

Total Length: 67.00 ft Total Volume: 0.667 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8289

Outside American Patriot Oil, LLC

Low ry #2

DST Test Number: 5

