



KANSAS CORPORATION COMMISSION 1171409
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: _____



1171409

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 (Specify) _____	PRODUCTION INTERVAL: _____ _____
---	---	--



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Kurt Talbott

Hofmeister #3-15

15 16s 12w Barton,KS

Start Date: 2013.09.11 @ 09:00:00

End Date: 2013.09.11 @ 14:21:00

Job Ticket #: 50469 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.09.12 @ 14:54:22



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Kurt Talbott

15 16s 12w Barton, KS
Hofmeister #3-15
 Job Ticket: 50469 **DST#: 1**
 Test Start: 2013.09.11 @ 09:00:00

GENERAL INFORMATION:

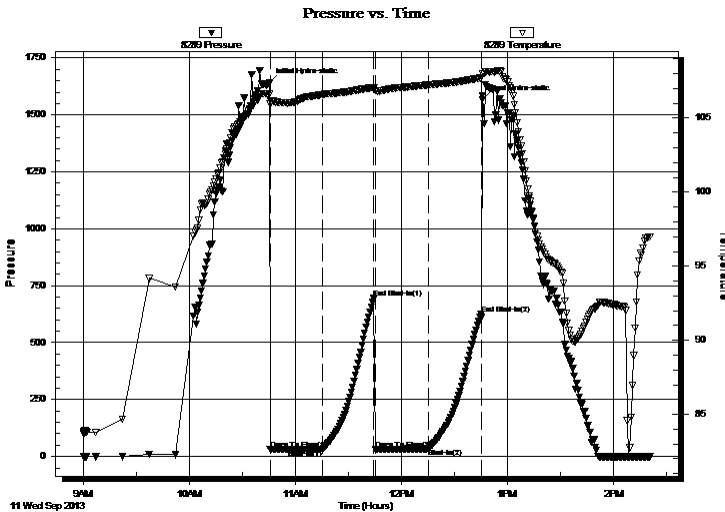
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:45:30
 Time Test Ended: 14:21:00
 Interval: **3310.00 ft (KB) To 3358.00 ft (KB) (TVD)**
 Total Depth: 3358.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jim Svaty
 Unit No: 54
 Reference Elevations: 1915.00 ft (KB)
 1907.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8289 Outside

Press @ Run Depth: 34.13 psig @ 3322.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.09.11 End Date: 2013.09.11 Last Calib.: 2013.09.11
 Start Time: 09:00:02 End Time: 14:20:45 Time On Btm: 2013.09.11 @ 10:45:15
 Time Off Btm: 2013.09.11 @ 12:45:30

TEST COMMENT: 30-IFP- Surface Blow Building to 1 1/2"
 30-ISIP- No Blow
 30-FFP- Weak Surface Blow
 30-FSIP- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1641.23	106.61	Initial Hydro-static
1	31.23	105.94	Open To Flow (1)
30	31.14	106.59	Shut-In(1)
59	695.54	107.06	End Shut-In(1)
60	30.00	106.87	Open To Flow (2)
90	34.13	107.24	Shut-In(2)
120	624.71	107.71	End Shut-In(2)
121	1566.08	107.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	OCM 10%o 90%m	0.49

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Kurt Talbott

15 16s 12w Barton,KS
Hofmeister #3-15
Job Ticket: 50469 **DST#: 1**
Test Start: 2013.09.11 @ 09:00:00

Tool Information

Drill Pipe:	Length: 3317.00 ft	Diameter: 3.80 inches	Volume: 46.53 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:	46000.00 lb
			<u>Total Volume: 46.53 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3310.00 ft			Final	40000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	48.00 ft				
Tool Length:	69.00 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			3290.00	
Shut In Tool	5.00			3295.00	
Hydraulic tool	5.00			3300.00	
Packer	5.00			3305.00	21.00 Bottom Of Top Packer
Packer	5.00			3310.00	
Stubb	1.00			3311.00	
Perforations	11.00			3322.00	
Recorder	0.00	8789	Inside	3322.00	
Recorder	0.00	8289	Outside	3322.00	
Change Over Sub	1.00			3323.00	
Blank Spacing	31.00			3354.00	
Change Over Sub	1.00			3355.00	
Bullnose	3.00			3358.00	48.00 Bottom Packers & Anchor

Total Tool Length: 69.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Kurt Talbott

15 16s 12w Barton,KS
Hofmeister #3-15
 Job Ticket: 50469 **DST#: 1**
 Test Start: 2013.09.11 @ 09:00:00

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: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.95 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4300.00 ppm			
Filter Cake: inches			

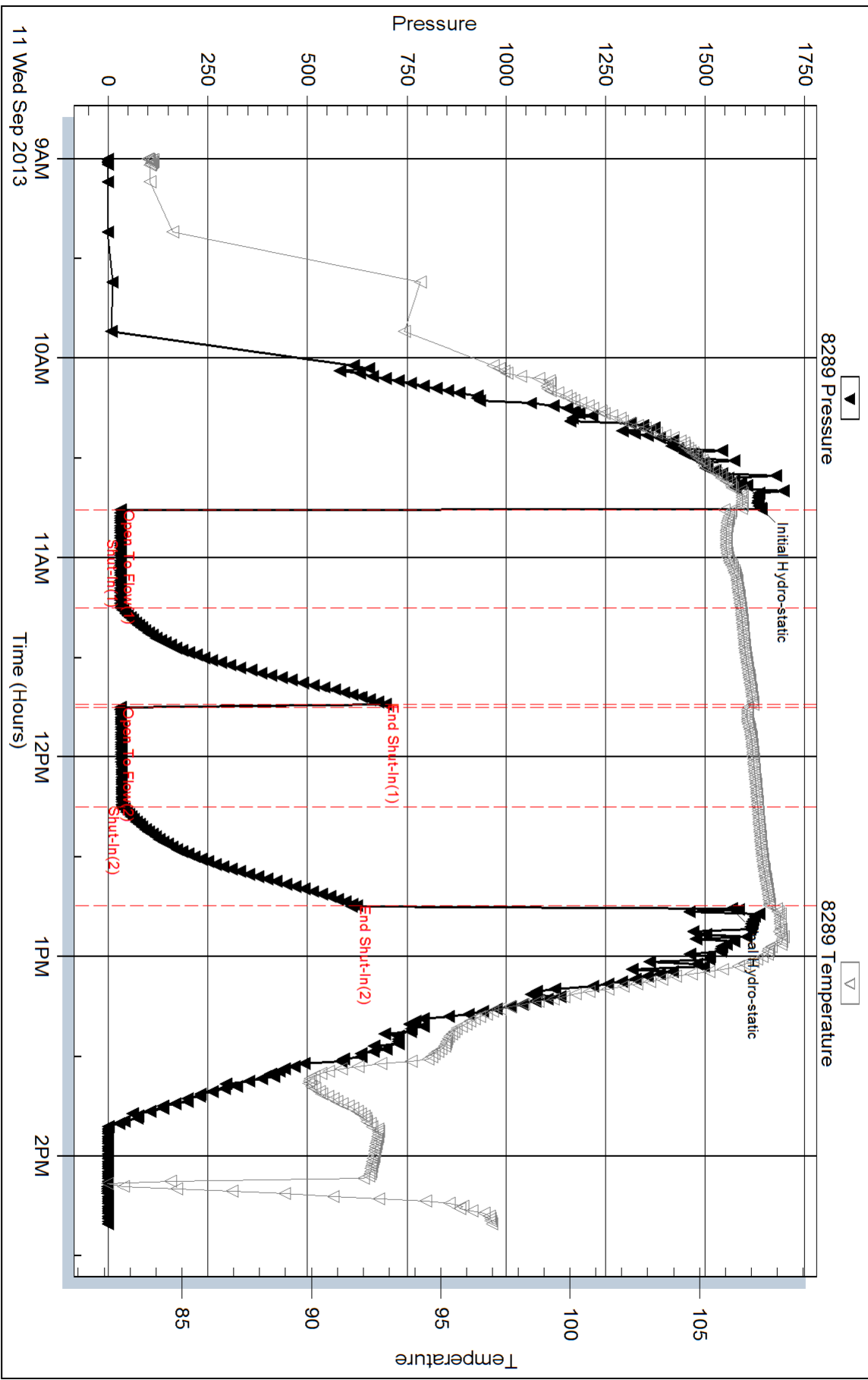
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	OCM 10%o 90%m	0.491

Total Length: 35.00 ft Total Volume: 0.491 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time



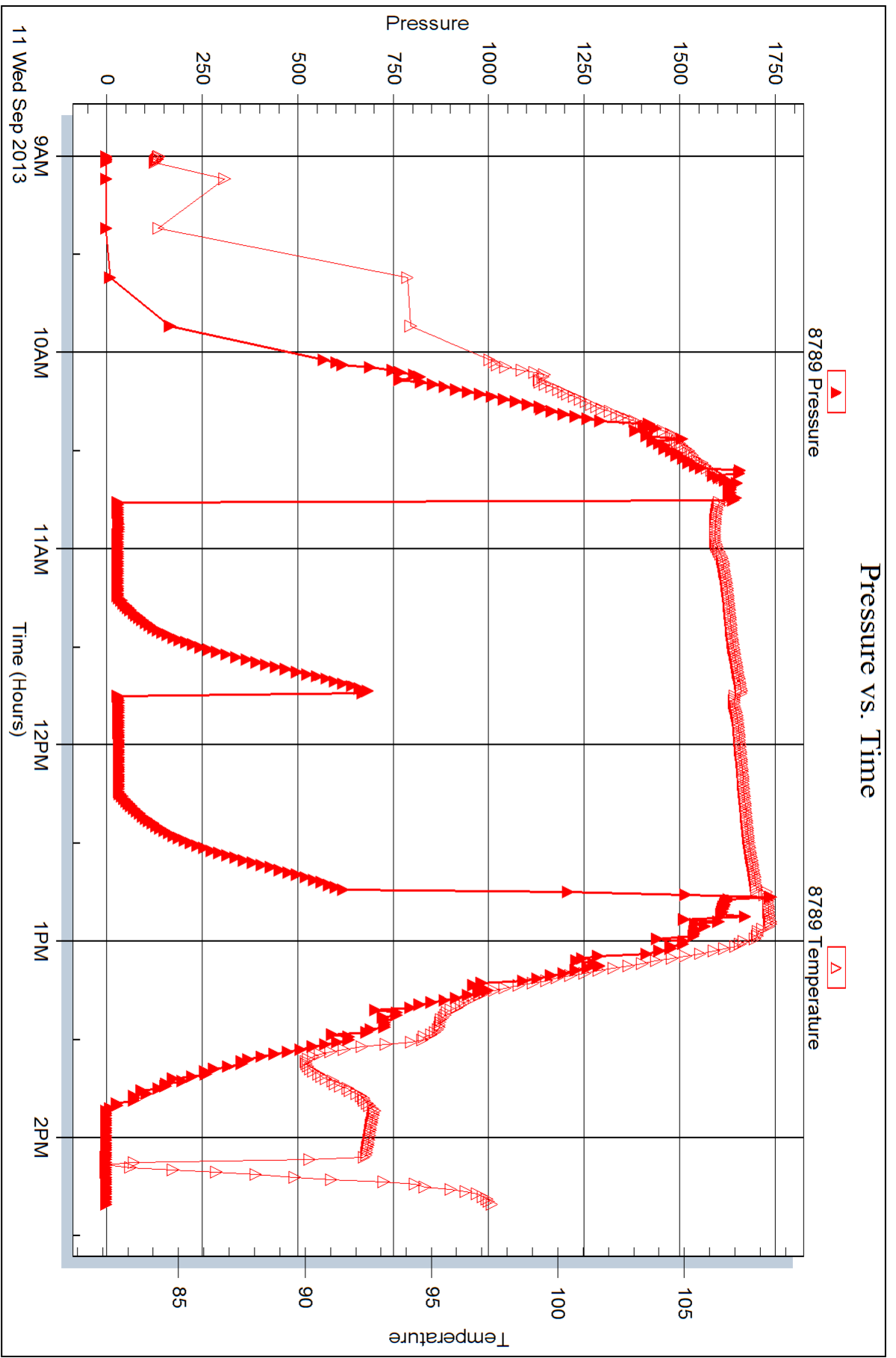
Serial #: 8789

Inside

American Warrior Inc

Hofmeister #3-15

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Kurt Talbott

Hofmeister #3-15

15 16s 12w Barton,KS

Start Date: 2013.09.11 @ 20:52:00

End Date: 2013.09.12 @ 03:15:00

Job Ticket #: 50470 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.09.12 @ 14:53:35



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Kurt Talbott

15 16s 12w Barton, KS
Hofmeister #3-15
Job Ticket: 50470 **DST#: 2**
Test Start: 2013.09.11 @ 20:52:00

GENERAL INFORMATION:

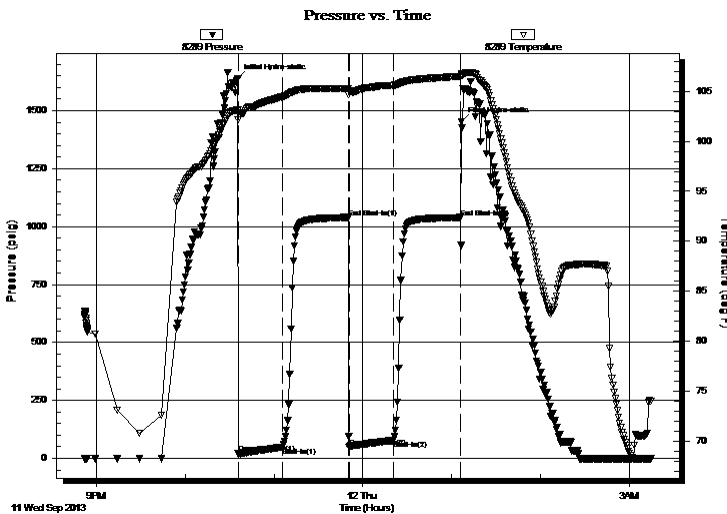
Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:35:45
Time Test Ended: 03:15:00
Interval: **3298.00 ft (KB) To 3363.00 ft (KB) (TVD)**
Total Depth: 3363.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Jim Svaty
Unit No: 54
Reference Elevations: 1915.00 ft (KB)
1907.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8289 Outside

Press @ Run Depth: 77.90 psig @ 3327.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.09.11 End Date: 2013.09.12 Last Calib.: 2013.09.12
Start Time: 20:52:02 End Time: 03:15:00 Time On Btm: 2013.09.11 @ 22:35:30
Time Off Btm: 2013.09.12 @ 01:06:30

TEST COMMENT: 30-IFP- BOB in 14 min.
45-ISIP- No Blow
30-FFP- BOB in 12 min.
45-FSIP- Surface Blow in 3 min. Died in 22 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1637.38	103.16	Initial Hydro-static
1	20.12	102.15	Open To Flow (1)
30	48.72	104.45	Shut-In(1)
75	1039.31	105.27	End Shut-In(1)
76	47.33	105.01	Open To Flow (2)
106	77.90	105.62	Shut-In(2)
151	1039.05	106.51	End Shut-In(2)
151	1453.43	106.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
140.00	OCM 30%o 70%m	1.96
0.00	355 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Kurt Talbott

15 16s 12w Barton,KS
Hofmeister #3-15
Job Ticket: 50470 **DST#: 2**
Test Start: 2013.09.11 @ 20:52:00

Tool Information

Drill Pipe:	Length: 3284.00 ft	Diameter: 3.80 inches	Volume: 46.07 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:	45000.00 lb
			<u>Total Volume: 46.07 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3298.00 ft			Final	41000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	65.00 ft				
Tool Length:	86.00 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			3278.00	
Shut In Tool	5.00			3283.00	
Hydraulic tool	5.00			3288.00	
Packer	5.00			3293.00	21.00 Bottom Of Top Packer
Packer	5.00			3298.00	
Stubb	1.00			3299.00	
Perforations	28.00			3327.00	
Recorder	0.00	8789	Inside	3327.00	
Recorder	0.00	8289	Outside	3327.00	
Change Over Sub	1.00			3328.00	
Blank Spacing	31.00			3359.00	
Change Over Sub	1.00			3360.00	
Bullnose	3.00			3363.00	65.00 Bottom Packers & Anchor

Total Tool Length: 86.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Kurt Talbott

15 16s 12w Barton,KS
Hofmeister #3-15
Job Ticket: 50470 **DST#: 2**
Test Start: 2013.09.11 @ 20:52:00

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: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4800.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
140.00	OCM 30%o 70%m	1.964
0.00	355 GIP	0.000

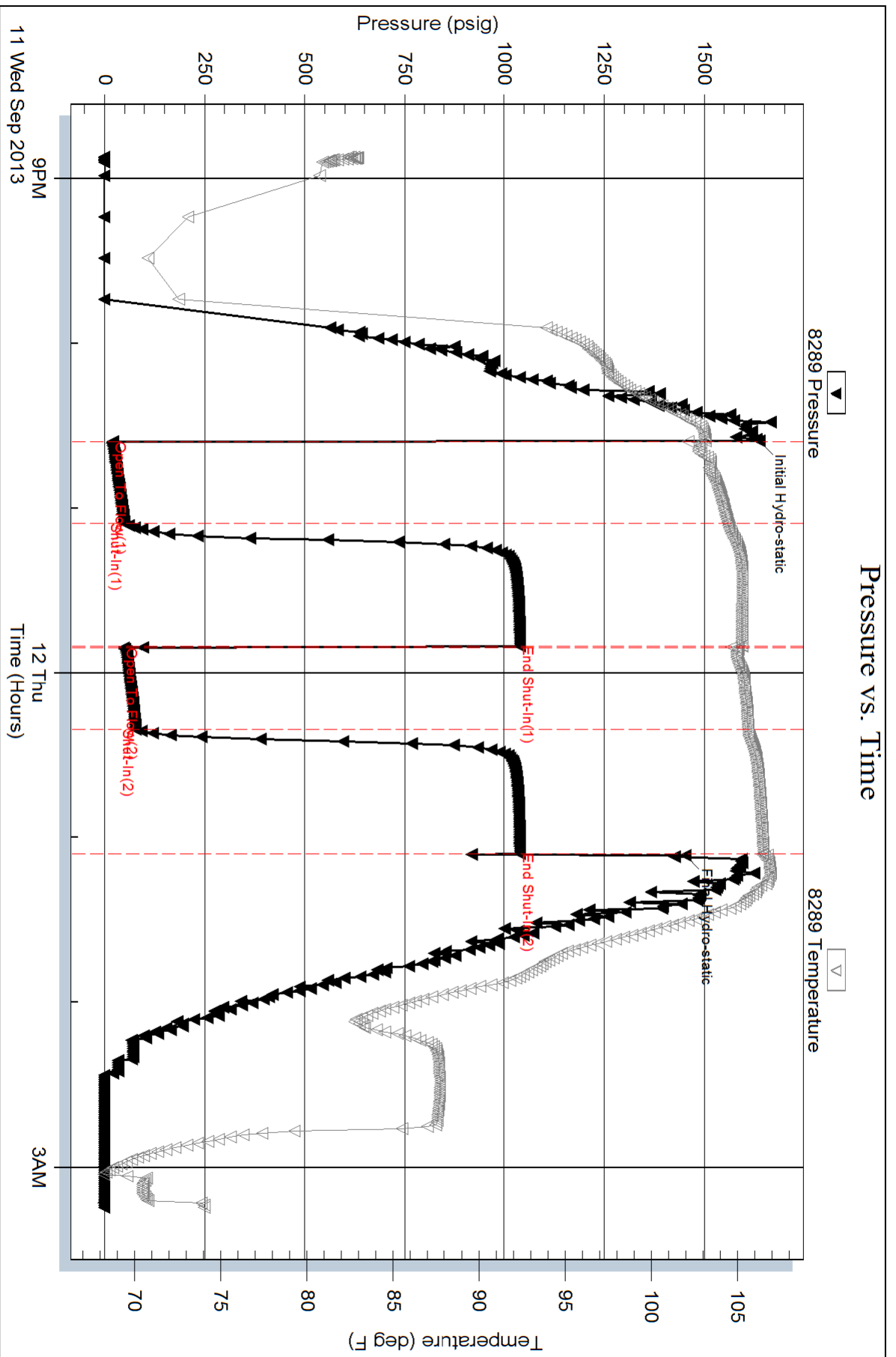
Total Length: 140.00 ft Total Volume: 1.964 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 8289

Outside American Warrior Inc

Hofmeister #3-15

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 50470

Printed: 2013.09.12 @ 14:53:38

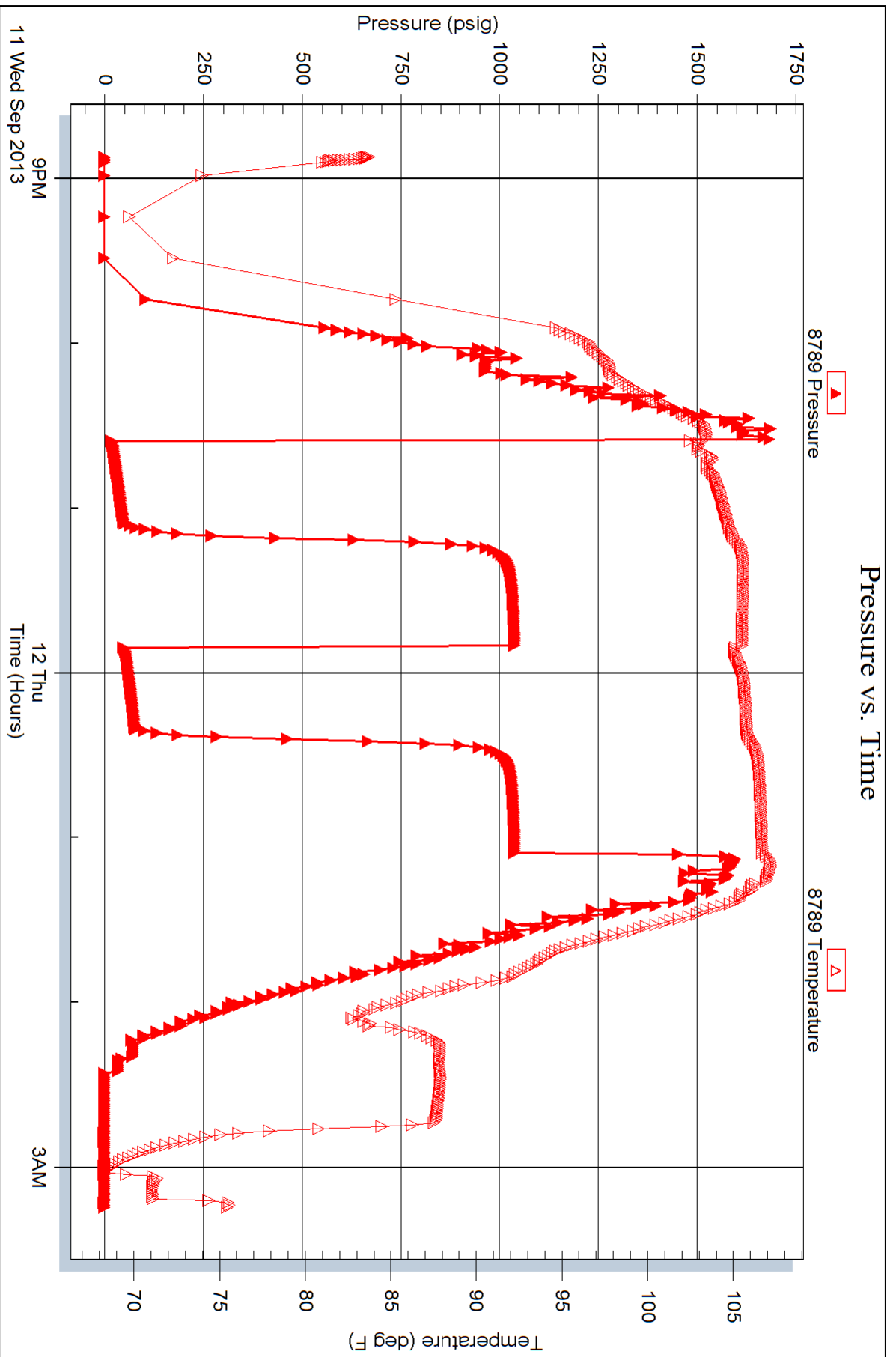
Serial #: 8789

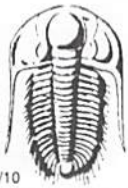
Inside

American Warrior Inc

Hofmeister #3-15

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50469

Well Name & No. Hofmeister #3-15 Test No. 1 Date 9-11-13
 Company American Warrior Inc. Elevation 1915 KB 1907 GL
 Address P.O. Box 399 Garden City KS, 67846
 Co. Rep / Geo. Kurt Talbott Rig Duke 8
 Location: Sec. 15 Twp. 16^s Rge. 12^w Co. Barton State K5

Interval Tested 3310-3358 Zone Tested Arbuckle
 Anchor Length 48 Drill Pipe Run 3317 Mud Wt. 9.2
 Top Packer Depth 3305 Drill Collars Run ⊘ Vis 49
 Bottom Packer Depth 3310 Wt. Pipe Run ⊘ WL 8.0
 Total Depth 3358 Chlorides 4300 ppm System LCM TR

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

Rec	Feet of	%gas	%oil	%water	%mud
<u>35</u>	<u>OCM</u>	<u>10</u>		<u>90</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 35 BHT 108 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1641 Test 1150 T-On Location 05:57
 (B) First Initial Flow 31 Jars _____ T-Started 09:00
 (C) First Final Flow 31 Safety Joint _____ T-Open 10:45
 (D) Initial Shut-In 695 Circ Sub _____ T-Pulled 12:45
 (E) Second Initial Flow 30 Hourly Standby _____ T-Out 14:21
 (F) Second Final Flow 34 Mileage 102 RT 158.10 Comments _____
 (G) Final Shut-In 624 Sampler _____
 (H) Final Hydrostatic 1566 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1308.10
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1308.10

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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50470

Well Name & No. Hofmeister #3-15 Test No. 2 Date 9-11-13
 Company American Warrior Inc Elevation 1915 KB 1907 GL
 Address P.O. Box 399 Garden City KS 67846
 Co. Rep / Geo. Kurt Talbot Rig Duke 8
 Location: Sec. 15 Twp. 16S Rge. 12W Co. Barton State KS

Interval Tested 3298-3363 Zone Tested Arbuckle
 Anchor Length 65 Drill Pipe Run 3284 Mud Wt. 9.2
 Top Packer Depth 3293 Drill Collars Run 0 Vis 47
 Bottom Packer Depth 3298 Wt. Pipe Run 0 WL 7.2
 Total Depth 3363 Chlorides 4800 ppm System LCM TR

Blow Description IFP- BOB in 14min
ISIP- No Blow

FFP- BOB in 12min
FSIP- Surface Blow in 3min. Died in 22min

Rec	Feet of	%gas	%oil	%water	%mud
<u>140</u>	<u>OCM "Jassy"</u>	<u>30</u>		<u>70</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of <u>355</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 140 BHT 106 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1637 Test 1150 T-On Location 20:22
 (B) First Initial Flow 20 Jars _____ T-Started 20:52
 (C) First Final Flow 48 Safety Joint _____ T-Open 22:36
 (D) Initial Shut-In 1039 Circ Sub _____ T-Pulled 01:06
 (E) Second Initial Flow 47 Hourly Standby _____ T-Out 03:15
 (F) Second Final Flow 77 Mileage 316.20 Comments _____
 (G) Final Shut-In 1039 Sampler _____ loaded tools 9/12 11:30
 (H) Final Hydrostatic 1453 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Recorder _____ Sub Total 0
 Final Flow 30 Day Standby _____ Total 1466.20
 Final Shut-In 45 Accessibility _____ MP/DST Disc't _____
 Sub Total 1466.20

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.

ALLIED OIL & GAS SERVICES, LLC 061811

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Capehart 15
9-7-13

DATE <u>9-6-13</u>	SEC. <u>15</u>	TWP. <u>16S</u>	RANGE <u>12W</u>	CALLED OUT	ON LOCATION <u>8:00pm</u>	JOB START <u>1:00AM</u>	JOB FINISH <u>2:00AM</u>
LEASE <u>Hb Fnelser</u>	WELL # <u>3-15</u>		LOCATION <u>Beaver LN 1 1/2 E</u>		COUNTY <u>Boston</u>	STATE <u>TX</u>	
OLD OR NEW <input checked="" type="radio"/> (Circle one)			<u>Ningo</u>				

CONTRACTOR Duke Drilling #8
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. _____
 CASING SIZE 4 1/4 DEPTH 420.77
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 1 1/2 DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 156
 PERFS. _____
 DISPLACEMENT 25.89 bbls Freshwater
 EQUIPMENT _____

OWNER _____
 CEMENT AMOUNT ORDERED 300 sks class A
34.00 2 stage
 COMMON 300 @ 17.90 5,370.00
 POZMIX _____ @ _____
 GEL 6 @ 23.40 140.40
 CHLORIDE 11 @ 64.00 704.00
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 3.25 @ 2.48 806.00
 MILEAGE 14.83 x 174 2.60 655.12
 TOTAL 7,675.52

PUMP TRUCK CEMENTER Dragan Chambers
 # 395 HELPER Mike Scarbora
 BULK TRUCK # 617-112 DRIVER Kendal Wetghans
 BULK TRUCK # _____ DRIVER _____

REMARKS:
Break circulation with Bq pump
run 5 bbls Freshwater ahead
put 300 sks class A 34.00 2 stage
shut down & Release plug
plug place 25.89 & shut in
check for circulation
plug down 1:45 AM 9-7-13
Bq Power

CHARGE TO: American Worker
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE 1512.35
 EXTRA FOOTAGE _____ @ _____
 MILEAGE Hum 17 @ 7.70 130.90
 MANIFOLD _____ @ _____
Hum 17 @ 4.40 74.80
 _____ @ _____
 TOTAL 1717.25

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.

PLUG & FLOAT EQUIPMENT
1-5/8 Rubber plug @ 131.04 131.04
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL 131.04

PRINTED NAME X STEVE H. STEPHENS
 SIGNATURE X Steve H. Stephens
Thank you!

SALES TAX (If Any) _____
 TOTAL CHARGES 9,524.56
1,904.91
 DISCOUNT _____ IF PAID IN 30 DAYS
7,619.65

JAMES C. MUSGROVE

Petroleum Geologist
212 Main Street
P.O. Box 215
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

American Warrior
Hofmeister #3-15
NE-SE-SW-SW (420' FSL & 1050' FWL)
Section 15-16s-12w
Barton County, KS
Page 1

5 1/2" Production Casing Set

Contractor: Duke Drilling Company (Rig #8)
Commenced: September 6, 2013
Completed: September 12, 2013
Elevation: 1915' K.B; 1913' D.F; 1907' G.L.
Casing program: Surface; 8 5/8" @ 420'
Production 5 1/2" @ 3465'
Sample: Samples saved and examined 2700' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2700 ft to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tests: There were two (2) Drill Stem Tests ran by Trilobite Testing Co.
Electric Log: By Pioneer; Dual Induction, Dual Compensated Porosity Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	802	+1113
Base Anhydrite	829	+1086
Heebner	987	-1072
Toronto	3001	-1086
Douglas	3016	-1101
Brown Lime	3075	-1160
Lansing	3091	-1176
Base Kansas City	3341	-1426
Arbuckle	3350	-1435
Reagan Sand	3397	-1482
Granite Wash	3422	-1508
Rotary Total Depth	3465	-1550
Log Total Depth	3465	-1550

(All tops and zones corrected to Electric Log measurements).

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

2920-2930' Limestone; light gray, tan, finely crystalline, few fossiliferous, oolitic, slightly chalky, poor visible porosity, no shows.

2931-2960' Limestone; gray, tan, finely crystalline, oolitic, fossiliferous, chalky, few sub oomoldic porosity.

Drill Stem Test #2 **3298-3363'**

Times: 30-45-30-45
Blow: Strong
Recovery: 355' gas in pipe
140' old cut mud
(30% oil, 70% mud)

Pressures: ISIP 1059 psi
FSIP 1039 psi
IFP 20-48 psi
FFP 47-47 psi
HSH 1637-1453 psi

3363-3380' Dolomite; white/cream, fine and medium crystalline, sandy, poor to fair intercrystalline porosity, dense, no visible shows.

3380-3397' Dolomite; as above, sandy, chert, white/cream, boney.

REAGAN SAND SECTION

3397-3410' Sand; quartzitic, clear, yellow, pint tinted, fine to coarse grained, sub angular to sub rounded, poor intercrystalline porosity, fair stain, good show of free oil and good odor.

GRANITE WASH SECTION

3423-3465' Feldspar; pink/red, micaceous plus varied colored shale and very fine grained sand.

Rotary Total Depth 3465
Log Total Depth 3465

Recommendations:
5 1/2" production casing was set and cemented on the Hofmeister #3-15.

Respectfully submitted;


Kurt Talbott,
Petroleum Geologist



CHARGE TO: American Warrior
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
 No 24494

PAGE 1 OF 2

SERVICE LOCATIONS
 1. Hugslys WELL/PROJECT NO. 3-15 LEASE Hofmeister COUNTY/PARISH Barton STATE Ks CITY DATE 9-12-13 OWNER
 2. Ness City, Ks TICKET TYPE SERVICE CONTRACTOR Duke RIG NAME/NO. 8 SHIPPED VIA CT DELIVERED TO Location ORDER NO.
 3. WELL TYPE Oil WELL CATEGORY Develop JOB PURPOSE 5 1/2 Longstring WELL PERMIT NO. WELL LOCATION Sec 15, Twp 16S, R 12W
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE #112	70	mi			6.00	420	.00
578		1			Pump Charge Longstring	1	ea			1500.00	1500	.00
221		1			Liquid KEL	2	gal			25.00	50	.00
281		1			Mud Flush	500	gal			1.25	625	.00
290		1			O-Air	2	gal			42.00	84	.00
402		1			Centralizers	8	ea	5 1/2"		70.00	560	.00
403		1			Lement Basket	1	ea			285.00	285	.00
406		1			Latch Down Plug + Baffle	1	ea			275.00	275	.00
407		1			Insert float Shoe w/ Auto fill	1	ea			375.00	375	.00
419		1			Rotating Head Rental	1	ea			200.00	200	.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X [Signature]
 DATE SIGNED 9-12-13 TIME SIGNED 2:00 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	P1	4374.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL	4374.00
WE UNDERSTOOD AND MET YOUR NEEDS?				P2	4970.00
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				sub total	9344.00
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Barton TAX 7.15%	459.94
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		TOTAL	9803.94
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR [Signature] APPROVAL

Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 24494

CUSTOMER American Warrior WELL Hofmeister 315 DATE 9-12-13 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M				
325		2				Standard cement EA-2	175	SKS			14	⁰⁰	2450	⁰⁰
276		2				flocele	520	lbs			2	⁰⁰	1000	⁰⁰
283		2				Salt	900	lbs				20	1800	⁰⁰
284		2				Cealseal	8	SKS			35	⁰⁰	280	⁰⁰
292		2				Halad 322	125	lbs			7	75	968	75
581		2				SERVICE CHARGE								
583		2				MILEAGE CHARGE								
						TOTAL WEIGHT	18325							
						LOADED MILES	70							
						CUBIC FEET								
						TON MILES								

CONTINUATION TOTAL 4970.⁰⁰

JOB LOG

SWIFT Services, Inc.

DATE 9-12-13 PAGE NO.

CUSTOMER American Warrior WELL NO. 315 LEASE Hofmeister JOB TYPE 5 1/2 Long string TICKET NO. 24491

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							on location
								TD 3465 SJ 19
								TP 3464 Duset 3445
								5 1/2 x 14# used
								Centralizers 1, 3, 5, 7, 9, 11, 13, 15
								Baskets 4
	0105							Start casing
	0245							Drop Ball Break Circulation Rotate
	0330		7					Plug BH 30 sks
	0340	5	12			✓	300	Start Mod flush
		5	20			✓	300	Start KCL flush
		5	35.1			✓	200	Start cement 145 sks
	0405							Drop Plug
								wash out Pump + Lines
	0407	6						Start Displacement
	0425	6	84.0			✓	700 / 1500	land Plug
								Release Dry
								wash up Back up
	0515							Job Complete Thank You Josh, Brian, John