



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1228099
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: _____



1228099

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 <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 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
<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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Suppes 1-20
Doc ID	1228099

Tops

Name	Top	Datum
Anhydrite	1445	749
Heebner	3652	-1458
Lansing	3698	-1504
Base Kansas City	4022	-1828
Pawnee	4096	-1902
Ft. Scott	4175	-1981
Cherokee	4192	-1998
Mississippian	4272	-2078
TD	4298	-2104



CEMENTING LOG

STAGE NO.

Date 6-19-14 District Great Bend Ticket No. 63524
 Company American Warrior Rig Petromaric
 Lease Suppas Well No. 1-20
 County N. 55 State KS
 Location East Bazine to Fred, 2 N, V. 21 Field 20 18 21
VU3

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 5/8 Type API Weight 23 # Collar 82nd

Casing Depths: Top _____ Bottom 208.84

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 10637 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: Fresh Water
 Amt. 5 bbl Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time Thicken Time hrs. Type Class A 37cc
2 1/2 gal Excess _____
 Amt. 150 Sks Yield 1.34 ft³/sk Density 15.2 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 366 - Ben Murall
- Brian Long

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Bim. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Josh Isaac

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
6 AM						on location - Rig up had safety meeting run 8 5/8 casing break circulation with rig mud
7:40 pm				5	5	pump 5 bbl fresh water
7:45 pm			410.74	35.79	5	mix 150 SKS class A 37cc 2 1/2 gal
8:00 pm			53.14	12.35	5	Displace 12.35 bbl fresh water
8:15 pm						shut in cement add circulation rig down

ALLIED OIL & GAS SERVICES, LLC 063008

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Great Bend, KS

DATE <u>6-25-14</u>	SEC. <u>20</u>	TWP. <u>18</u>	RANGE <u>21</u>	CALLED OUT <u>1200</u>	ON LOCATION <u>1700</u>	JOB START <u>1700</u>	JOB FINISH
LEASE <u>Supper</u>	WELL # <u>1-20</u>	LOCATION <u>NE 2 miles of Patine</u>			COUNTY <u>Neosho</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Petromark R-1
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 T.D. 1450
 CASING SIZE 8 5/8 DEPTH 221
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2 XH DEPTH 1450
 TOOL DEPTH
 PRES. MAX 500 MINIMUM -
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSO. 0
 PERFS.
 DISPLACEMENT 18, 8, 3, 0

OWNER American Warrior Inc.
 CEMENT
 AMOUNT ORDERED 230 5x 10/40 + 4% gel t
1/4 Fl

EQUIPMENT
 PUMP TRUCK CEMENTER Dustin Smith 1 ystem
 # 366 HELPER Kevin Eddy 2
 BULK TRUCK
 # 610-170 DRIVER Andrew Engles 3 ystem
 BULK TRUCK
 # 871-112 DRIVER Kevin Weighous 3

COMMON @
 POZMIX @
 GEL @
 CHLORIDE @
 ASC @
 Class A 12,972 @
 Pozmix 6,808 @
 Gel 800 @
 Ho Seal 58 @ 2.97 172.26
 Materials Total @
 Dia @ 4,519.73 4523.99
 @ 25% 1130.99
 HANDLING 247.07 Service @ 2.48 612.65 66
 MILEAGE 10.31 X 22 X 2.75 623.28 173

REMARKS:
 Plug #1 1450' - 18 bbls displace - dry
 Plug #2 720' - 8 bbls displace - dry
 Plug #3 240' - 3 bbls displace - dry
 Plug #4 60' - 0 bbls displace - plugged out slow
Pat Hole

226.81
 DEPTH OF JOB 1450
 PUMP TRUCK CHARGE 2213.72
 EXTRA FOOTAGE @
 MILEAGE Hyvum 22 @ 7.70 169.40
 MANIFOLD @
Hyvum 22 @ 4.40 96.80
 @

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

TOTAL 3,716.35
 25% 929.09

PLUG & FLOAT EQUIPMENT

@
 @
 @
 @
 @
 @
 0% TOTAL 0

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) 506.49
 TOTAL CHARGES 8,235.61 8,240.34
 DISCOUNT 2,058.70 (25/25/0) IF PAID IN 30 DAYS
6,176.71 2060.08
6180.25

PRINTED NAME _____
 SIGNATURE _____



CEMENTING LOG

STAGE NO.

Date 6-25-14 District Great Bend Ticket No. 63008
 Company American Warrior Inc. Rig Petromark R-1
 Lease Suppes 1 Well No. 1-20
 County Ness State KS
 Location NE of Bazine Field _____

CEMENT DATA:
 Spacer Type: Water
 Amt. 2 bbls Skys Yield _____ ft³/sk Density 8.33 PPG

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size _____ Type _____ Weight _____ Collar _____

LEAD: Pump Time _____ hrs. Type 60/40-4% gel
1/4 FL Excess _____
 Amt. 280 Skys Yield 1.41 ft³/sk Density 14.5 PPG

Casing Depths: Top _____ Bottom _____

TAIL: Pump Time _____ hrs. Type _____ Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 WATER: Lead 6.7 gals/sk Tail _____ gals/sk Total 36.7 Bbls.

Drill Pipe: Size 4 1/2 Weight 17.4 Collars _____
 Open Hole: Size 7 7/8 T.O. 1450 ft. P.B. to _____ ft.

Pump Trucks Used 366
 Bulk Equip. 610-170

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. 0.138 Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer NA
 Shoes: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type water Amt. _____ Bbls. Weight 8.33 PPG
 Mud Type wsbm Weight 8.5 PPG

COMPANY REPRESENTATIVE Chris Stevenson

CEMENTER Dustin Smith

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
5:00						Arrived to Lease Road, Cat pull us on
5:20						safety meeting rigged up
5:40	50		3		3	pumped spacer water
5:41	15		12.5		4	14.5 lb, 1.41 yield, 6.7 water plug #1 1450
5:50	0		18		4	Displacement
5:55						Rig pulled pipe dry
6:30	10		20		4	14.5 lb, 1.41 yield, 6.7 water plug #2 720
6:36	0		8		4	Displacement
6:37						Rig pulled pipe dry
6:47	10		12.5		4	14.5 lb, 1.41 yield, 6.7 water plug #3 240
6:53	0		3		3	Displacement
6:55						Rig Pulled Pipe
8:35						Rig layed down Kelley, Rat hole assembly
8:45						14.5 lb, 1.41 yield, 6.7 water plug #4 (60')
8:50						Rat Hole
8:00						Clean lines
8:00						Rig Down

Geological Report

American Warrior, Inc.

Suppes #1-20

990' FNL & 2200' FWL

Sec. 20 T18s R21w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Suppes #1-20
990' FNL & 2200' FWL
Sec. 20 T18s R21w
Ness County, Kansas
API # 15-135-25762-0000

Drilling Contractor: Petromark Drilling, LLC. Rig #1

Geologist: Jason T Alm

Spud Date: June 18, 2014

Completion Date: June 26, 2014

Elevation: 2188' Ground Level
2194' Kelly Bushing

Directions: Bazine KS, East 1 ½ mi. to FF Rd. North 2 mi. to
150 Rd. West 2/3 mi. South into location.

Casing: 208' 8 5/8" surface casing

Samples: 10' wet and dry, 3900' to RTD

Drilling Time: 3600' to RTD

Electric Logs: None

Drillstem Tests: Trilobite Testing, Inc. "Ray Schwager"

Problems: None

Remarks: Heavy rain forced rig to shut down for a day.

Formation Tops

	American Warrior, Inc. Suppes #1-20 Sec. 20 T18s R21w 990' FNL & 2200' FWL
Formation	
Anhydrite	1445', +749
Base	1479', +715
Heebner	3652', -1458
Lansing	3698', -1504
BKc	4022', -1828
Pawnee	4096', -1902
Fort Scott	4175', -1981
Cherokee	4192', -1998
Mississippian	4272', -2078
Osage	4291', -2097
RTD	4298', -2104

Sample Zone Descriptions

Mississippian Osage (4291', -2097): **Covered in DST #1**
 Δ – Dolo – Fine sucrosic crystalline with scattered inter-crystalline porosity, very heavy mostly fresh chert, weathered with fair to good vuggy porosity, scattered black tarry oil stain, no show of free oil, no odor, very light cut fluorescents.

Drill Stem Tests

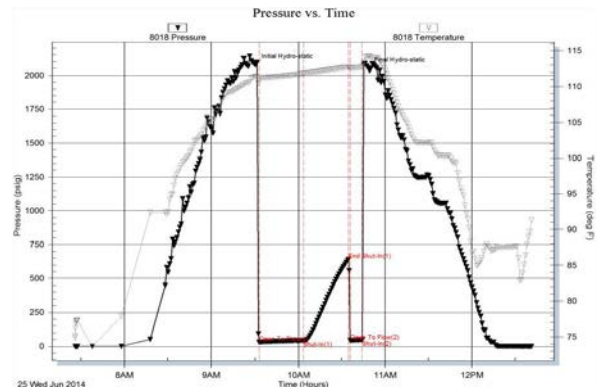
Trilobite Testing, Inc.
 “Ray Schwager”

DST #1 Cherokee / Mississippian Osage

Interval (4188' – 4298') Anchor Length 110'

- | | | |
|-----|------------------------|---------|
| IHP | – 2074 # | |
| IFP | – 30” – Built to 1 in. | 30-41 # |
| ISI | – 30” – Dead | 641 # |
| FFP | – 10” – Dead | 44-47 # |
| FHP | – 2048 # | |
| BHT | – 114°F | |

Recovery: 20' Mud



Structural Comparison

Formation	American Warrior, Inc.	Leben Drilling Co.		American Warrior, Inc.	
	Suppes #1-20 Sec. 20 T18s R21w 990' FNL & 2200' FWL	Gaede #1 Sec. 17 T18s R21w SE SE SW		Anslover #1-20 Sec. 20 T18s R21w 1950' FNL & 1600' FEL	
Anhydrite	1445', +749	1449', +745	(+4)	1428', +752	(-3)
Base	1479', +715	NA	NA	1459', +721	(-6)
Heebner	3652', -1458	3657', -1463	(+5)	3633', -1453	(-5)
Lansing	3698', -1504	3704', -1510	(+6)	3679', -1499	(-5)
BKc	4022', -1828	NA	NA	4002', -1822	(-6)
Pawnee	4096', -1902	NA	NA	4076', -1896	(-6)
Fort Scott	4175', -1981	NA	NA	4156', -1976	(-5)
Cherokee	4192', -1998	NA	NA	4175', -1995	(-3)
Mississippian	4272', -2078	4292', -2098	(+20)	4259', -2079	(+1)
Osage	4291', -2097	NA	NA	NA	NA

Summary

The location for the Suppes #1-20 was found via 3-D seismic survey. The new well ran structurally as expected on all datums except for the Osage. One Drill Stem Test was conducted to condemn the Cherokee and Mississippian Formations, the test was negative. After all gathered data had been examined the decision was made to plug and abandon the Suppes #1-20 well.

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

PO Box 399
Garden City KS 67846

ATTN: Jason Alm

Suppes #1-20

20-18s-21w Ness,KS

Start Date: 2014.06.25 @ 07:25:46

End Date: 2014.06.25 @ 12:41:10

Job Ticket #: 59316 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.06.26 @ 14:44:27



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc
PO Box 399
Garden City KS 67846
ATTN: Jason Alm

20-18s-21w Ness, KS

Suppes #1-20

Job Ticket: 59316

DST#: 1

Test Start: 2014.06.25 @ 07:25:46

GENERAL INFORMATION:

Formation: **Cher Sd - Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:32:41

Time Test Ended: 12:41:10

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 70

Interval: 4188.00 ft (KB) To 4298.00 ft (KB) (TVD)

Reference Elevations: 2194.00 ft (KB)

Total Depth: 4298.00 ft (KB) (TVD)

2188.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 8018

Inside

Press@RunDepth: 41.26 psig @ 4199.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.25

End Date:

2014.06.25

Last Calib.:

2014.06.25

Start Time: 07:25:46

End Time:

12:41:10

Time On Btm:

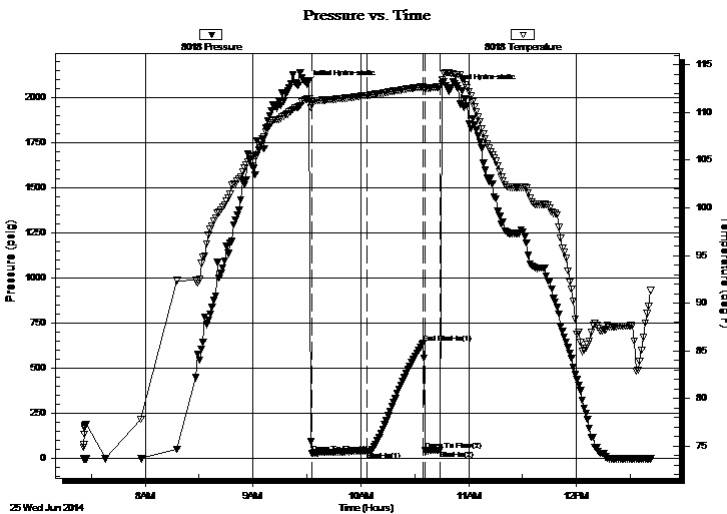
2014.06.25 @ 09:30:11

Time Off Btm:

2014.06.25 @ 10:48:41

TEST COMMENT: 30-IFP-w k bl thru-out 1/2" to 1" bl
30-ISIP-no bl
10-FFP-no bl
pulled tool

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2074.12	111.39	Initial Hydro-static
3	30.55	111.23	Open To Flow (1)
33	41.26	111.77	Shut-In(1)
65	641.68	112.70	End Shut-In(1)
66	44.21	112.53	Open To Flow (2)
74	46.98	112.70	Shut-In(2)
79	2048.61	114.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud	0.10

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: Jason Alm

20-18s-21w Ness, KS
Suppes #1-20
Job Ticket: 59316 **DST#: 1**
Test Start: 2014.06.25 @ 07:25:46

Tool Information

Drill Pipe:	Length: 4059.00 ft	Diameter: 3.80 inches	Volume: 56.94 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume: 57.53 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4188.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	110.00 ft			
Tool Length:	138.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4161.00	
Shut In Tool	5.00			4166.00	
Hydraulic tool	5.00			4171.00	
Jars	5.00			4176.00	
Safety Joint	2.00			4178.00	
Packer	5.00			4183.00	28.00 Bottom Of Top Packer
Packer	5.00			4188.00	
Stubb	1.00			4189.00	
Perforations	10.00			4199.00	
Recorder	0.00	8018	Inside	4199.00	
Recorder	0.00	8678	Outside	4199.00	
Blank Spacing	96.00			4295.00	
Bullnose	3.00			4298.00	110.00 Bottom Packers & Anchor

Total Tool Length: 138.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc

20-18s-21w Ness,KS

PO Box 399
Garden City KS 67846

Suppes #1-20

Job Ticket: 59316

DST#: 1

ATTN: Jason Alm

Test Start: 2014.06.25 @ 07:25:46

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

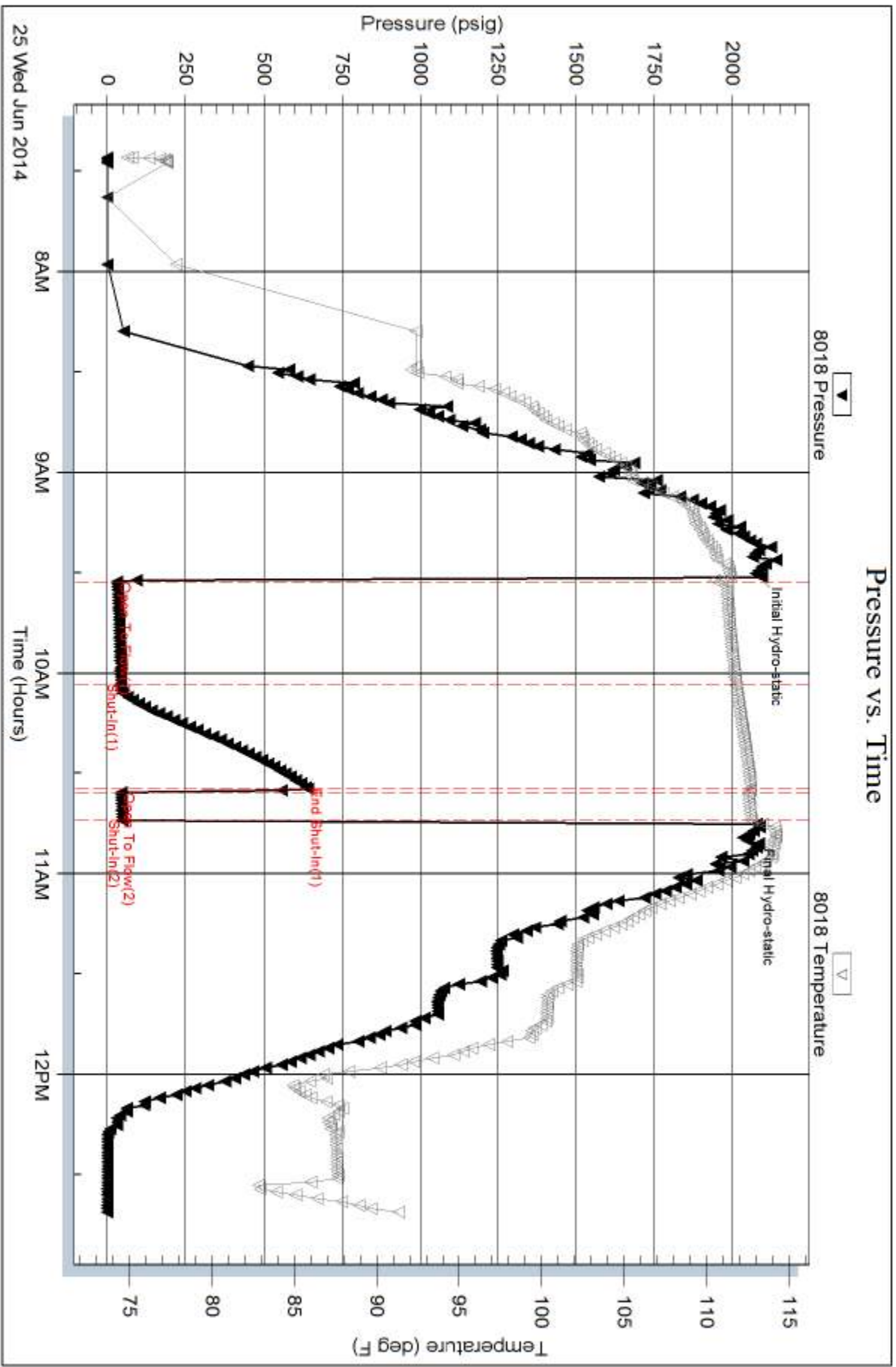
Num Gas Bombs: 0

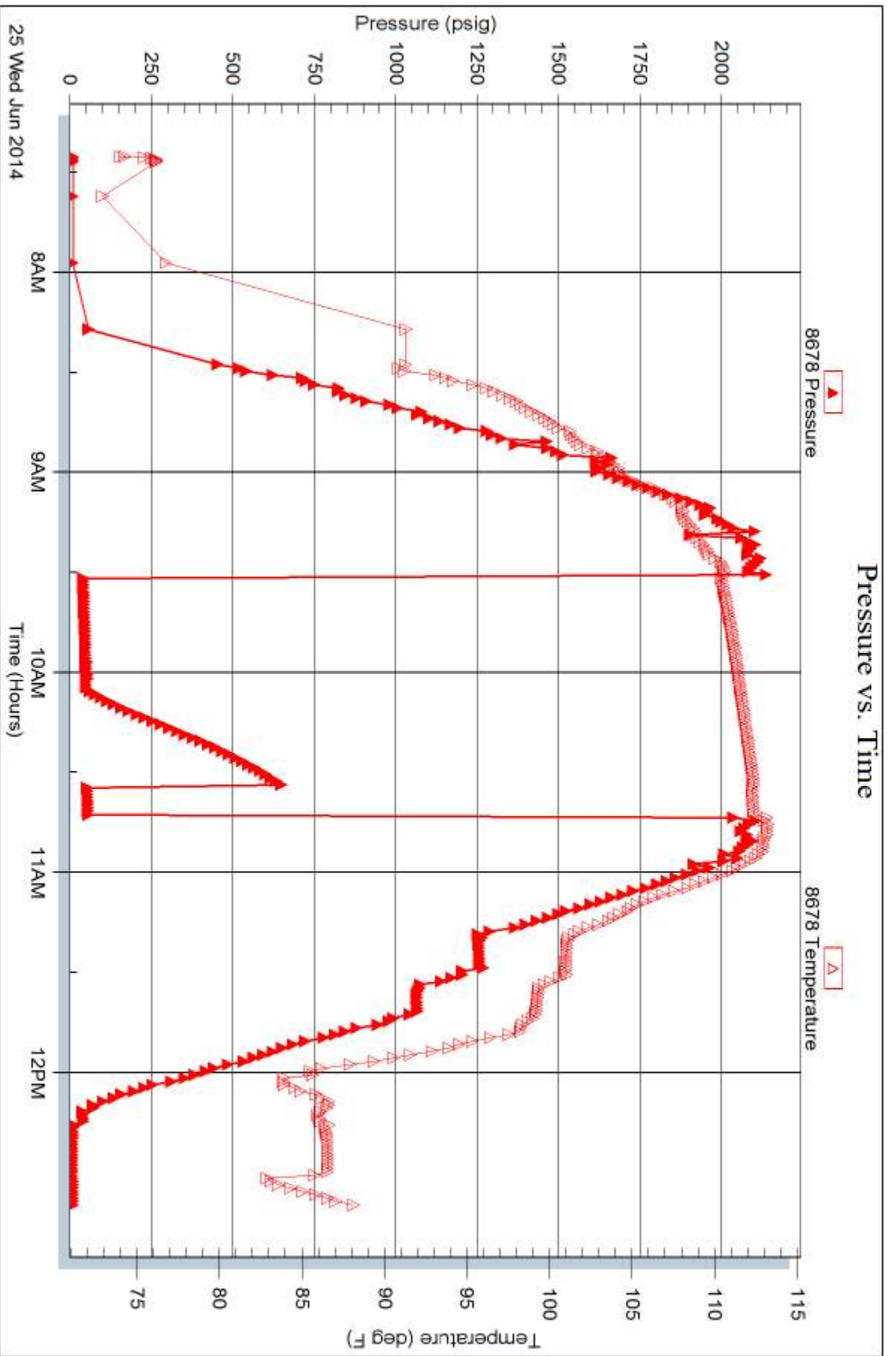
Serial #:

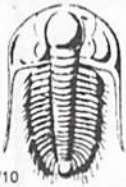
Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59316

Well Name & No. Suppes #1-20 Test No. 1 Date 6-25-14
 Company American Warrior, Inc Elevation 2194 KB 2188 GL
 Address PO Box 399 Garden City, Ko 67846
 Co. Rep / Geo. JASON ALM Rig PETROMARK rig 1
 Location: Sec. 20 Twp. 18^s Rge. 21^w Co. NESS State Ko

Interval Tested 4188-4298 Zone Tested Cher sd., Miss
 Anchor Length 110 Drill Pipe Run 4059 Mud Wt. 9.5
 Top Packer Depth 4183 Drill Collars Run 120 Vis 54
 Bottom Packer Depth 4188 Wt. Pipe Run - WL 9.6
 Total Depth 4298 Chlorides 3000 ppm System LCM -
 Blow Description IFP - WEAK Blow thru-out 1/2" To 1" Blow
ISIP - NO Blow
FFP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>Mud</u>				

Rec Total 20 BHT 112 Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic <u>2074</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>0630</u>
(B) First Initial Flow <u>30</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>0725</u>
(C) First Final Flow <u>41</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0935</u>
(D) Initial Shut-In <u>641</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1045</u>
(E) Second Initial Flow <u>44</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1241</u>
(F) Second Final Flow <u>46</u>	<input checked="" type="checkbox"/> Mileage <u>108 RT</u> 167.40	Comments
(G) Final Shut-In <u>-</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2048</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>10</u>	<input type="checkbox"/> Day Standby	Total <u>1742.40</u>
Final Shut-In <u>out</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1742.40</u>	

Approved By _____ Our Representative RAY SCHWAGN *Thank you*

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