



KANSAS CORPORATION COMMISSION 1081928
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 # 4058
Name: American Warrior, Inc.
Address 1: 3118 Cummings Rd
Address 2: PO BOX 399
City: GARDEN CITY State: KS Zip: 67846 + _____
Contact Person: Scott Corsair
Phone: (785) 398-2270
CONTRACTOR: License # 33323
Name: Petromark Drilling, LLC
Wellsite Geologist: Jason Alm
Purchaser: NCRA

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-parf. 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 #: _____
11/24/2011 12/02/2011 01/16/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-135-25310-00-00
Spot Description: _____
NE SW SW SW Sec. 18 Twp. 19 S. R. 21 East West
389 Feet from North / South Line of Section
446 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ness
Lease Name: Adrienne Well #: 2-18
Field Name: Schaben
Producing Formation: Cherokee
Elevation: Ground: 2205 Kelly Bushing: 2211
Total Depth: 4350 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 223 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1396 Feet
If Alternate II completion, cement circulated from: 1396
feet depth to: 0 w/ 115 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 25000 ppm Fluid volume: 160 bbls
Dewatering method used: Evaporated
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: Deanna Garcia Date: 05/21/2012



1081928

Operator Name: American Warrior, Inc. Lease Name: Adrienne Well #: 2-18
 Sec. 18 Twp. 19 S. R. 21 East West County: Ness

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction, Dual Compensated Porosity Dual Receiver Bond	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached Attached
---	--

CASING RECORD <input checked="" 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
Surface	12.25	8.625	23	223	Common	150	2% gel, 3% CC
Production	7.875	5.5	15.5	4350	EA-2	175	1/4# Flocele

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing <input checked="" type="checkbox"/> Plug Back TD _____ Plug Off Zone	0-1396	SMD	115	1/4# Flocele

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
4	4253-4261		

TUBING RECORD: Size: <u>2.375</u> Set At: <u>4352</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>01/16/2012</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>25</u>	Gas Mcf <u>45</u>	Water Bbls. _____ Gas-Oil Ratio _____ Gravity <u>39</u>

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 checked="" 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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: <u>4253-4261</u>
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Adrienne 2-18
Doc ID	1081928

Tops

Anhydride	1443	766
Heebner	3692	-1481
Lansing	3740	-1529
Base Kansas City	4076	-1865
Pawnee	4155	-1944
Ft. Scott	4230	-2019
Cherokee	4249	-2038
Mississippian	4316	-2105
TD	4350	-2137



CEMENTING LOG

STAGE NO.

Date 11-23-11 District Great Bend Ticket No. 37421
 Company American Warrior Rig Retriever #1
 Lease American Well No. 2-18
 County Deer State KS
 Location 2900 W 4 1/2 20016 Field
CAPT INTO

CEMENT DATA:
 Spacer Type Freshwater
 Amt. 5401 Sls Yield _____ ft³/sk Density 8.34 PPG

LEAD: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Sls Yield _____ ft³/sk Density _____ PPG

TAIL: Pump Time Thickening Time hrs. Type CT939 A
50% cc 2% gel Excess _____

Amt. 150 Sls Yield 1.24 ft³/sk Density 15.1 PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls

Pump Trucks Used 398 Stone

Bulk Equip. 3044/170 Jim

Floet Equip: Manufacturer _____

Shoe: Type _____ Depth _____

Floet: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top Wood Btm. _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type Freshwater Amt. _____ Bbls. Weight 8.34 PPG

Mud Type Native Weight 9.1 PPG

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

Casing Depths: Top ND Bottom 623

Drill Pipe: Size 4 1/2 Weight 16.6 Collars 2 hole

Open Hole: Size 12 1/4 T.D. 223 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl. 15.70
 Open Hole: Bbls/Lin. ft. .1428 Lin. ft./Bbl. 6.98
 Drill Pipe: Bbls/Lin. ft. .0142 Lin. ft./Bbl. 70.02
 Annulus: Bbls/Lin. ft. .0935 Lin. ft./Bbl. 12.60

Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE _____

CEMENTER Creal

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
						On location - Rig up
						hold safety meeting
						Run 8 5/8 casing
						Circulate casing w/ Rig mud
						Hook up
						Run 5 bbls. ahead
						Mix 50 lbs cement
						Shut down release plug
						Displace with 13 1/4 bbls.
						fresh water
						Shut in
						Cement did circulate
						Rig down

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs. THANK YOU

ALLIED CEMENTING CO., LLC. 037421

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

SERVICE POINT:
Great Bend, KS

DATE <u>11-25-11</u>	SEC <u>18</u>	TWP <u>19s</u>	RANGE <u>21 W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH	
Adrienne	WELL # <u>Z-18</u>	LOCATION <u>Pazine KS 4 1/2</u>		COUNTY <u>Ness</u>	STATE <u>KS</u>			
OLD OR NEW (Circle one) <u>South</u> <u>Est into</u>								

CONTRACTOR <u>PetroMark #1</u>	OWNER <u>American Warrior</u>
TYPE OF JOB <u>400 foot</u>	CEMENT
HOLE SIZE <u>12 1/4</u> T.D.	AMOUNT ORDERED <u>150 sls Class A</u>
CASING SIZE <u>8 5/8</u> DEPTH	<u>30% cc 20% gel</u>
TUBING SIZE DEPTH	
DRILL PIPE DEPTH	
FOOT DEPTH	
PRES. MAX MINIMUM	COMMON
MEAS. LINE SHOE JOINT	POZMIX
CEMENT LEFT IN CSG. <u>15 FT</u>	GEL
PERFS.	CHLORIDB
DISPLACEMENT	ASC

EQUIPMENT	
PUMP TRUCK # <u>298</u> CEMENTER <u>Greg R</u>	HELPER <u>Shane K</u>
BULK TRUCK # <u>344/170</u> DRIVER <u>Jim</u>	
BULK TRUCK DRIVER	
HANDLING MILEAGE	

REMARKS:

Run on bottom - Break case
with 80 yards 1114 150 sls
Class A 290 cc 290 gel.
Shut down, release plug and
replace with 12 1/4 bit. fresh
water. Cement did circ
plug down @ 10:45 pm

CHARGE TO: American Warrior

STREET _____ CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

Wood Plug @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Curtis L Uhl

SIGNATURE Curtis L Uhl

Thank You!



CHARGE TO: AMERICAN WAREHOUSE INC
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET
 No 81148

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>1148</u>	WELL/PROJECT NO. <u>218</u>	LEASE <u>AURIEUNE</u>	COUNTY/PARISH <u>NESS</u>	STATE <u>KS</u>	CITY	DATE <u>12-02-11</u>	OWNER
2. <u>NESS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <u>PETROMARK DING 1</u>	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>BAZINS</u>	ORDER NO.	
3.	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>DEVELOP</u>	JOB PURPOSE <u>LONGSTRING</u>	WELL PERMIT NO. <u>15-115-2530</u>	WELL LOCATION <u>518719201</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.	UM	
575		1			MILEAGE #112	30	mi	6.00		180.00
578		1			Pump Service	1	hr	1500.00		1500.00
221		1			LINER WHEEL	2	hr	25.00		50.00
231		1			MUD FLASH	500	gal	1.25		625.00
250		1			DASH	2	hr	35.00		70.00
402		1			ESSENTIALS	5	EA	5 1/2	hr	350.00
403		1			BASET	2	EA	250.00		500.00
404		1			FOR COLLAR	1	EA	2400.00		2400.00
406		1			LONG STRING PUMP HEADS	1	EA	250.00		250.00
407		1			EXHAUSTION VALVE/AUTUMN	1	EA	350.00		350.00
415		1			DISTING HIGH RIG	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

DATE SIGNED 12-02-11 TIME SIGNED 11:00

SWIFT OPERATOR DAVID L...

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	6475.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				82	4481.25
WE UNDERSTOOD AND MET YOUR NEEDS?				SUB TOTAL	10,956.25
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TAX 6.3%	546.60
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL	11,502.85
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO			
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

SWIFT OPERATOR DAVID L... APPROVAL _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 12/21/11 PAGE NO. 1

CUSTOMER Adri WELL NO. 212 LEASE Adrienne JOB TYPE CONSTRUCTION TICKET NO. 21145

CHART NO.	TIME	RATE (GPM)	VOLUME (BB) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							DN LOCATION CAT: 17550 STD CA 2 PT: 1345 STD 2 1/2 447 STD 2 1/2, 20517 4005 SHA 1 1/2" PUMP CUMM. OUTLET 70, 1576 CUM 1.2 3.1 69 1000 5 70 DIPPER OUT 70.106.107
	1110							START CASE 1576 70.106.107 - 1000 600
	1515							START CASE 1576 70.106.107 - 1000 600
	1530		7					PUMP RUN 3000
	1555	50	12				20	50000 MILE FISH
			20					DIPPER MILE FISH
			35.5					14050 STD CA 2 CNT DIPPER PUMP, WASHOUT PL
	1610	6.5	0				20	START 1000
			68				30	CNT DIRECTION
			93				60	
			100				70	
	1625	1.5	12.7				150	6000 PUMP
	1630							PUMP STOP
	1715							JOB COMPLETE THANK YOU DAN J. SMITH



CHARGE TO: **AMERICAN WARRIOR**
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET # **22544**

PAGE 1 OF

SERVICE LOCATIONS: 1. **NESS CITY, KS** WELL/PROJECT NO.: LEASE: **ADRIENNE 2-18** COUNTY/PARISH: **NESS** STATE: **KS** CITY: **RAZINE, KS** DATE: **9 DEC 11** OWNER:
 2. TICKET TYPE: SERVICE SALES CONTRACTOR: **H D OILFIELD SERU** RIG NAME/NO.: SHIPPED VIA: DELIVERED TO: ORDER NO.:
 3. WELL TYPE: **OIL** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **CEMENT PORT COLLAR** WELL PERMIT NO.: WELL LOCATION: **425, E JUD**
 4. REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			UM		UM	
575					MILEAGE #110	20	oil	6	120	120.00
576D					Pump CHARGE	1	job	1250	1250	1250.00
105					PORT COLLAR OPENING TOOL	1	job	350	350	350.00
276					FLUXCE	30	lbs	2	60	60.00
290					D-AIR	1 1/2	gal	35	52	52.50
330					SWIFT MULTI DENSITY	115	sk	16	1897	1897.50
581					SERVICE CHARGE CEMENT	175	sk	2	350	350.00
82					MINIMUM DRAVAGE	17384	lb	17384	250	250.00

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-Scott
 DATE SIGNED: **9 DEC 11** TIME SIGNED: **0945** 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	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				4330.00
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL

7.655 TAX @ 3% 148.68

4478.68

JOB LOG

SWIFT Services, Inc.

DATE 9 DEC 11 PAGE NO.

CUSTOMER AMERICAN WARRIOR

WELL NO.

LEASE ADRIENNE 2-18

JOB TYPE CEMENT PORT COLLAR

TICKET NO. 22544

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0750							ON LOCATION PORT COLLAR @ 1396
	0841				✓		1000	TEST HELD
	0843	3			✓		400	OPEN PORT COLLAR TAKE INJECTION RATE.
	0848	4	64	✓		600		MIX 115 SX SHD.
		3	4 1/2	✓		300		DISPLACE CEMENT CIRCULATE 20 SX TO PIT
	0907				✓		1000	CLOSE PORT COLLAR TEST HELD
								RUN 4 SIS.
	0918	3 1/2	15				300	REVERSE CEMENT OUT
	0920							WASH TRUCK
	0945							JOB COMPLETE.
								THANKS # 110
								JASON JEFF DAVID

Geological Report

American Warrior, Inc.

Adrienne #2-18

390' FSL & 450' FWL

Sec. 18 T19s R21w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Adrienne #2-18
390' FSL & 450' FWL
Sec. 18 T19s R21w
Ness County, Kansas
API # 15-135-25310-0000

Drilling Contractor: Petromark Drilling, LLC Rig #1

Geologist: Jason Alm

Spud Date: November 24, 2011

Completion Date: December 2, 2011

Elevation: 2205' Ground Level
2211' Kelly Bushing

Directions: Bazine KS, South 3.5 mi. from south edge of town
East into location.

Casing: 223' 8 5/8" surface casing
4349' 5 1/2" production casing

Samples: 10' wet and dry, 3500' to RTD

Drilling Time: 3500' to RTD

Electric Logs: Log Tech, Inc. "Robert Barnhart"
CNL/CDL, DIL

Drillstem Tests: Two, Trilobite Testing, Inc. "Jason McLemore"

Problems: None

Remarks: None

Formation Tops

Formation	American Warrior, Inc. Adrienne #2-18 Sec. 18 T19s R21w 390' FSL & 450' FWL
Anhydrite	1443', +766
Base	1477', +734
Heebner	3692', -1481
Lansing	3740', -1529
BKc	4076', -1865
Pawnee	4155', -1944
Fort Scott	4230', -2019
Cherokee	4249', -2038
Mississippian	4316', -2105
Osage	4337', -2126
RTD	4348', -2137
LTD	4350', -2139

Sample Zone Descriptions

- Cherokee Sand (4254', -2043):** Covered in DST #1
 Ss – Quartz, Clear, fine to medium grained, well to sub-rounded, fairly sorted, poorly cemented with fair to good inter-granular porosity, light to fair spotted oil stain in cluster, show of free oil, light odor, 32 units hotwire.
- Mississippian Osage (4337', -2126):** Covered in DST #2
 Dolo – Δ – Fine sucrosic crystalline with poor vuggy porosity, heavy slightly triptolitic chert with poor vuggy porosity, light scattered oil stain in porosity, slight show of free oil, light scattered yellow fluorescents.

Drill Stem Tests
 Trilobite Testing Inc.
 "Jason McLemore"

DST #1

Cherokee Sand

Interval (4242' – 4265') Anchor Length 23'

IHP – 2098#
 IFP – 5" – B.O.B. 5 min. 34-79 #
 ISI – 10" – Built to 1 in. 296 #
 FFP – 7" – B.O.B. 6 min. 95-110 #
 FSI – 10" – Built to 1 ½ in. 289 #
 FHP – 1999 #
 BHT – 114°F

Recovery: 300' GIP
 50' HOCWM 40% Oil, 20% Water
 180' GOCMW 25% Oil, 50% Water

DST #2

Mississippian Osage

Interval (4340' – 4348') Anchor Length 8'

IHP – 2148 #
 IFP – 45" – Built to 2 ¼ in. 20-28 #
 ISI – 45" – Dead 1242 #
 FFP – 45" – Built to 2 in. 29-42 #
 FSI – 45" – Dead 1222 #
 FHP – 2146 #
 BHT – 118°F

Recovery: 60' VSOCMW 5% Oil, 60% Water

Structural Comparison

	American Warrior, Inc. Adrienne #2-18 Sec. 18 T19s R21w 390' FSL & 450' FWL	American Warrior, Inc. Adrienne #1-18 Sec. 18 T19s R21w 780' FSL & 330' FWL		American Warrior, Inc. Schaben #1-19 Sec. 19 T19s R21w 800' FNL & 125' FWL	
Formation					
Anhydrite	1443', +766	1439', +772	(-6)	1455', +773	(-7)
Base	1477', +734	1473', +738	(-4)	NA	NA
Heebner	3692', -1481	3685', -1474	(-7)	3706', -1478	(-3)
Lansing	3740', -1529	3732', -1521	(-8)	3754', -1526	(-3)
BKc	4076', -1865	NA	NA	NA	NA
Pawnee	4155', -1944	4148', -1937	(-7)	4172', -1944	FL
Fort Scott	4230', -2019	4224', -2013	(-6)	4250', -2022	(+3)
Cherokee	4249', -2038	4242', -2031	(-7)	4270', -2042	(+4)
Mississippian	4316', -2105	4309', -2098	(-7)	NA	NA
Osage	4337', -2126	4324', -2113	(-13)	4345', -2117	(-9)

Summary

The location for the Adrienne #2-18 well was found via 3-D seismic survey. The new well ran structurally lower than expected via survey. Two drill stem tests were conducted one of which recovered commercial amounts of oil from the Cherokee Sand Formation. After all gathered data had been thoroughly examined the decision was made to run 5 ½ inch production casing to further evaluate the Adrienne #2-18 well.

Recommended Perforations

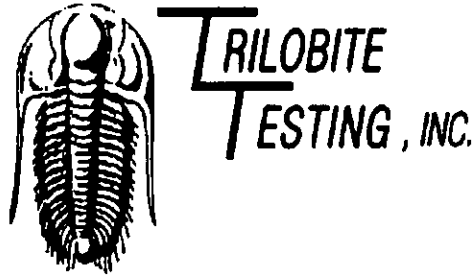
Cherokee Sand

(4254' – 4260')

DST #1

Respectfully Submitted,

Jason Alm
Hard Rock Consulting, Inc.



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Jason Alm

Adrienne #2-18

18-19s-21w Ness,KS

Start Date: 2011.12.01 @ 00:58:26

End Date: 2011.12.01 @ 06:34:26

Job Ticket #: 44698 DST #: 1

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

Printed: 2011.12.06 @ 08:45:41

American Warrior, Inc.

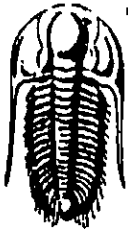
18-19s-21w Ness,KS

Adrienne #2-18

DST # 1

Cherokee Sand

2011.12.01



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

18-19s-21w Ness, KS
Adrienne #2-18
Job Ticket: 44698 **DST#: 1**
Test Start: 2011.12.01 @ 00:58:26

GENERAL INFORMATION:

Formation: **Cherokee Sand**
Deviated: No Whipstock ft (KB)
Time Tool Opened: 03:11:11
Time Test Ended: 06:34:26
Interval: **4242.00 ft (KB) To 4265.00 ft (KB) (TVD)**
Total Depth: **4265.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)
Tester: Jason McLemore
Unit No: 54
Reference Elevations: **2210.00 ft (KB)**
2205.00 ft (CF)
KB to GR/CF: **5.00 ft**

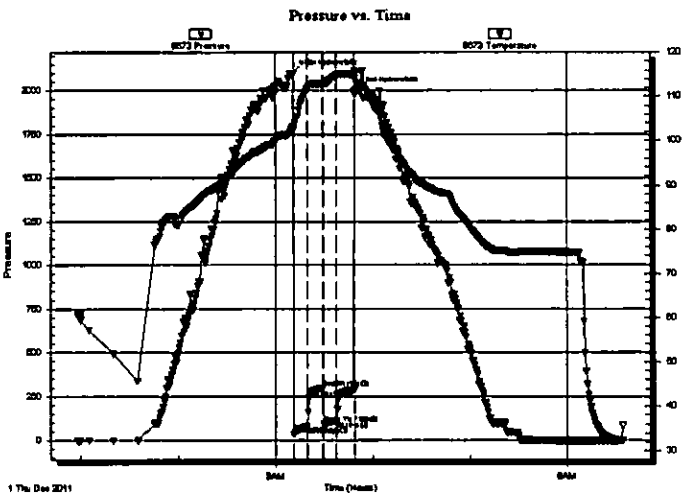
Serial #: 8673

Inside

Press@RunDepth: 110.91 psig @ 4244.00 ft (KB)
Start Date: 2011.12.01 End Date: 2011.12.01
Start Time: 00:58:28 End Time: 06:34:26

Capacity: 8000.00 psig
Last Calib.: 2011.12.01
Time On Btrm: 2011.12.01 @ 03:10:56
Time Off Btrm: 2011.12.01 @ 03:48:56

TEST COMMENT: IFF-Strong, BOB in 5 Mn.
IS-Blow back Built to 1"
FFF-Strong, BOB in 6 Mn.
FSI-Blow back Built to 1-1/2"



PRESSURE SUMMARY

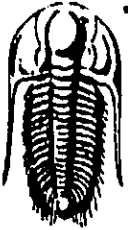
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2098.70	102.99	Initial Hydro-static
1	34.64	102.35	Open To Flow (1)
9	79.09	111.61	Shut-In(1)
19	296.82	112.82	End Shut-In(1)
19	95.37	112.82	Open To Flow (2)
27	110.91	114.75	Shut-In(2)
38	289.87	114.94	End Shut-In(2)
38	1999.85	114.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	GOCMW-20%G-25%O-50%W-5%M	1.44
50.00	HOCWM-40%O-20%W-40%M	0.70
0.00	300' Gas In Pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

18-19s-21w Ness, KS

PO Box 399
Garden City, KS 67846

Adrienne #2-18

Job Ticket: 44698

DST#: 1

ATTN: Jason Alm

Test Start: 2011.12.01 @ 00:58:26

Tool Information

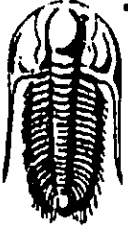
Drill Pipe:	Length: 4100.00 ft	Diameter: 3.80 inches	Volume: 57.51 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 65000.00 lb
		Total Volume:	58.10 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	4242.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	51.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4215.00	
Shut In Tool	5.00			4220.00	
Hydraulic tool	5.00			4225.00	
Jars	5.00			4230.00	
Safety Joint	2.00			4232.00	
Packer	5.00			4237.00	28.00 Bottom Of Top Packer
Packer	5.00			4242.00	
Stubb	1.00			4243.00	
Perforations	1.00			4244.00	
Recorder	0.00	8673	Inside	4244.00	
Recorder	0.00	8736	Outside	4244.00	
Perforations	18.00			4262.00	
Bullnose	3.00			4265.00	23.00 Bottom Packers & Anchor

Total Tool Length: 51.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

18-19s-21w Ness, KS

PO Box 399
Garden City, KS 67846

Adrienne #2-18

Job Ticket: 44698

DST#: 1

ATTN: Jason Alm

Test Start: 2011.12.01 @ 00:58:26

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:

27000 ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	GOCMW-20%G-25%O-50%W-5%M	1.441
50.00	HOCWM-40%O-20%W-40%M	0.701
0.00	300' Gas In Pipe	0.000

Total Length: 230.00 ft

Total Volume: 2.142 bbl

Num Fluid Samples: 0

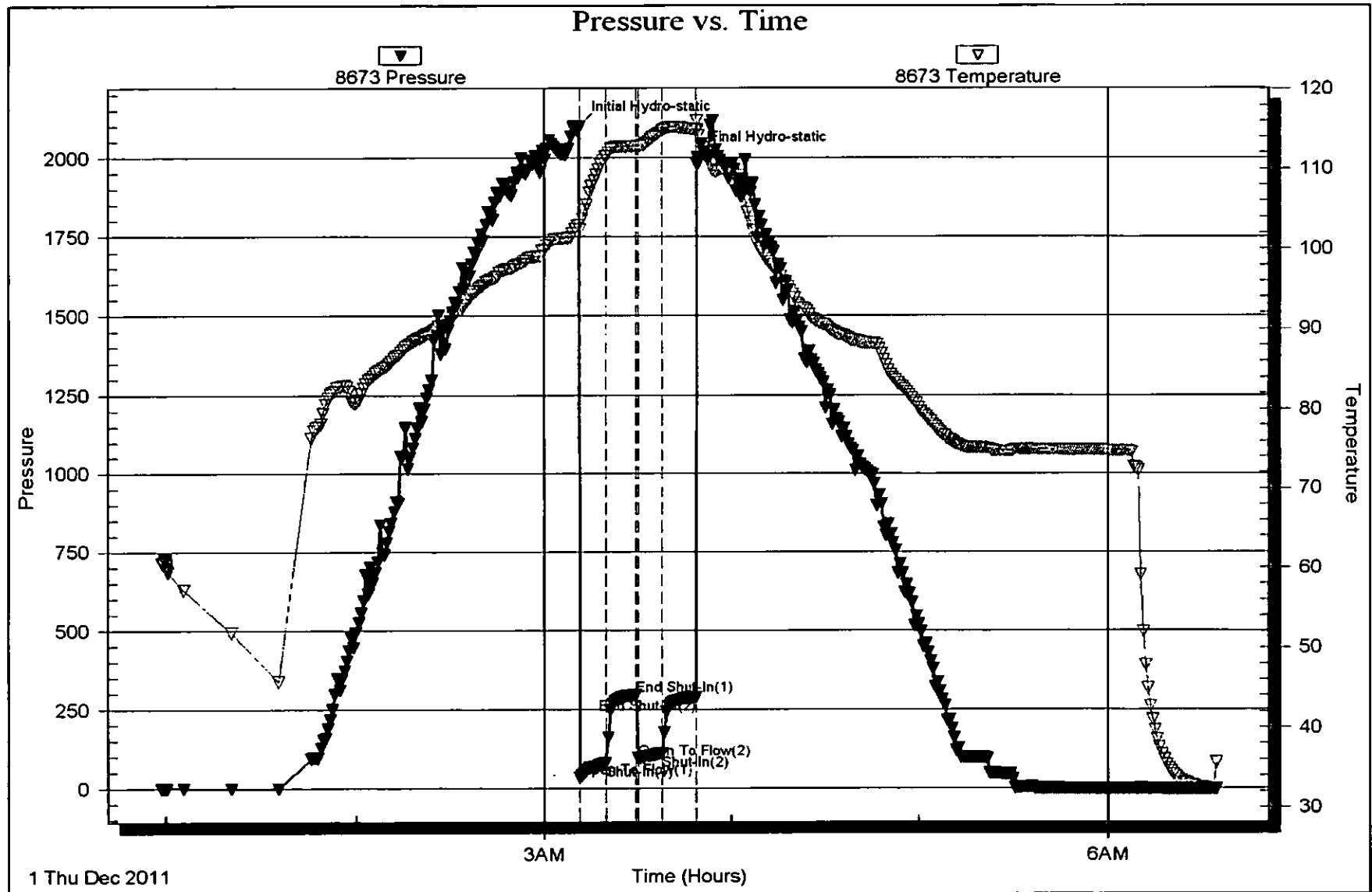
Num Gas Bombs: 0

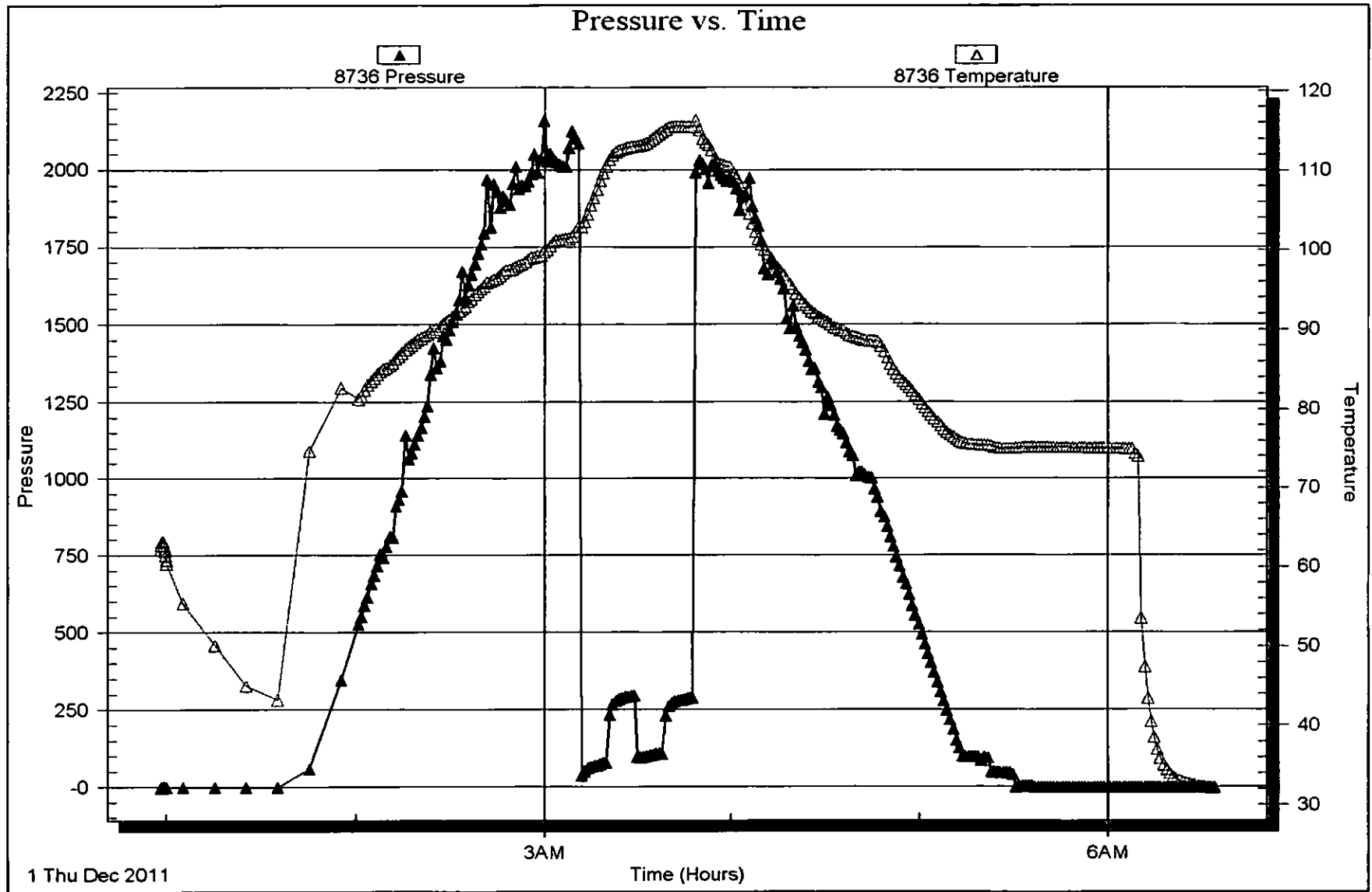
Serial #:

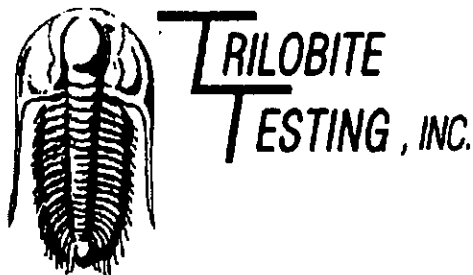
Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Jason Alm

Adrienne #2-18

18-19s-21w Ness,KS

Start Date: 2011.12.01 @ 17:58:15

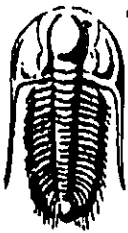
End Date: 2011.12.02 @ 02:11:30

Job Ticket #: 44699 DST #: 2

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

Printed: 2011.12.06 @ 08:44:52

American Warrior, Inc. 18-19s-21w Ness,KS Adrienne #2-18 DST # 2 Mississippi 2011.12.01



**TRILLOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

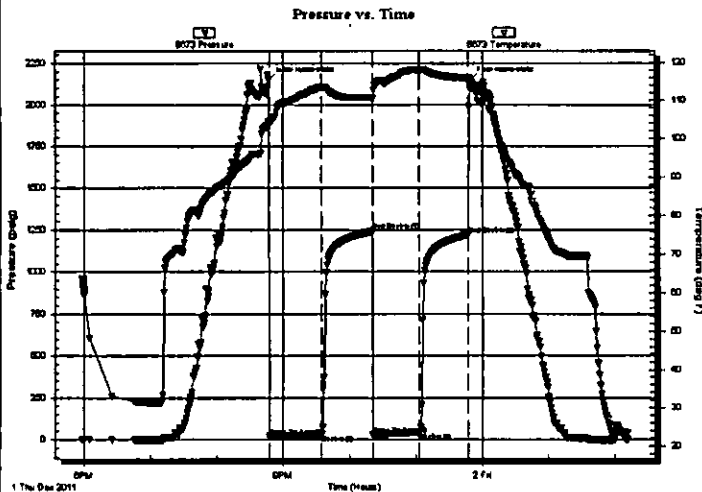
18-19s-21w Ness,KS
Adrienne #2-18
Job Ticket: 44699 DST#: 2
Test Start: 2011.12.01 @ 17:58:15

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock ft (KB)
Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 20:48:00 Tester: Jason McLemore
Time Test Ended: 02:11:30 Unit No: 54
Interval: **4340.00 ft (KB) To 4348.00 ft (KB) (TVD)** Reference Elevations: 2210.00 ft (KB)
Total Depth: 4348.00 ft (KB) (TVD) 2205.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8673 Inside
Press@RunDepth: 42.06 psig @ 4342.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.12.01 End Date: 2011.12.02 Last Calib.: 2011.12.02
Start Time: 17:58:17 End Time: 02:11:30 Time On Btm: 2011.12.01 @ 20:47:30
Time Off Btm: 2011.12.01 @ 23:49:00

TEST COMMENT: FFP-Weak, Built to 2-1/4"
ISI-Dead
FFP-Weak Built to 1-1/2"
FSI-Dead



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2148.67	104.42	Initial Hydro-static
1	20.53	103.81	Open To Flow (1)
48	28.54	113.58	Shut-In(1)
94	1242.02	110.73	End Shut-In(1)
94	29.67	110.36	Open To Flow (2)
136	42.06	118.15	Shut-In(2)
180	1222.05	115.92	End Shut-In(2)
182	2146.68	113.46	Final Hydro-static

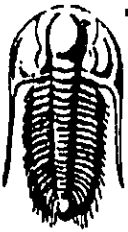
Recovery

Length (ft)	Description	Volume (bbl)
60.00	VSO/MW-5%O-60%W-35%M	0.30

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.

18-19s-21w Ness, KS

PO Box 399
Garden City, KS 67846

Adrienne #2-18

Job Ticket: 44699

DST#: 2

ATTN: Jason Alm

Test Start: 2011.12.01 @ 17:58:15

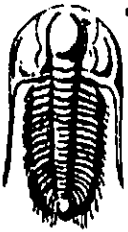
Tool Information

Drill Pipe:	Length: 4224.00 ft	Diameter: 3.80 inches	Volume: 59.25 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 59.84 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4340.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	8.00 ft			
Tool Length:	36.00 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			4313.00	
Shut In Tool	5.00			4318.00	
Hydraulic tool	5.00			4323.00	
Jars	5.00			4328.00	
Safety Joint	2.00			4330.00	
Packer	5.00			4335.00	28.00 Bottom Of Top Packer
Packer	5.00			4340.00	
Stubb	1.00			4341.00	
Perforations	1.00			4342.00	
Recorder	0.00	8673	Inside	4342.00	
Recorder	0.00	8736	Outside	4342.00	
Perforations	3.00			4345.00	
Bullnose	3.00			4348.00	8.00 Bottom Packers & Anchor

Total Tool Length: 36.00



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

18-19s-21w Ness,KS

PO Box 399
Garden City, KS 67846

Adrienne #2-18

Job Ticket: 44699

DST#: 2

ATTN: Jason Alm

Test Start: 2011.12.01 @ 17:58:15

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:

31000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	VSOCMW-5%O-60%W-35%M	0.295

Total Length: 60.00 ft

Total Volume: 0.295 bbl

Num Fluid Samples: 0

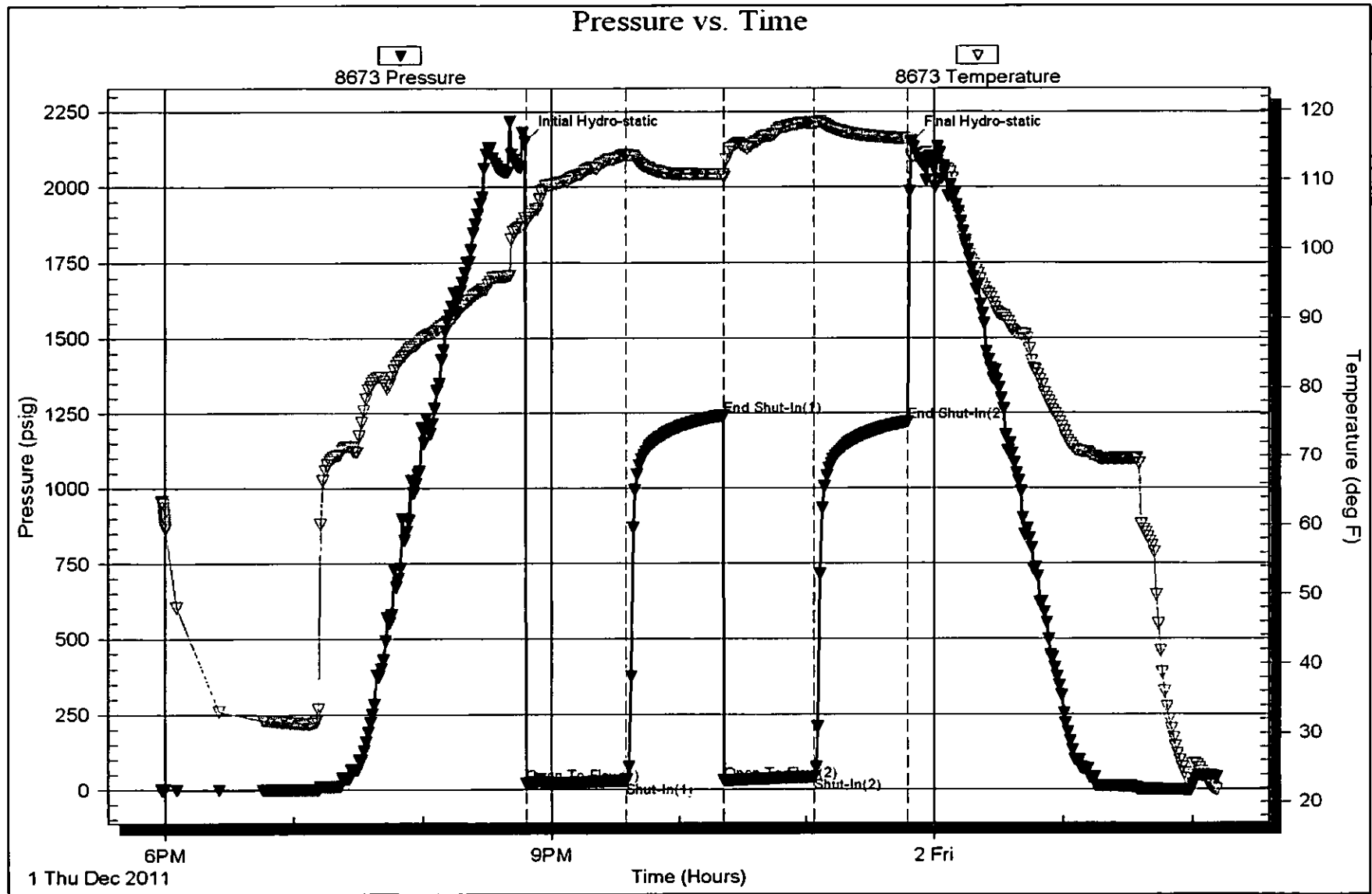
Num Gas Bombs: 0

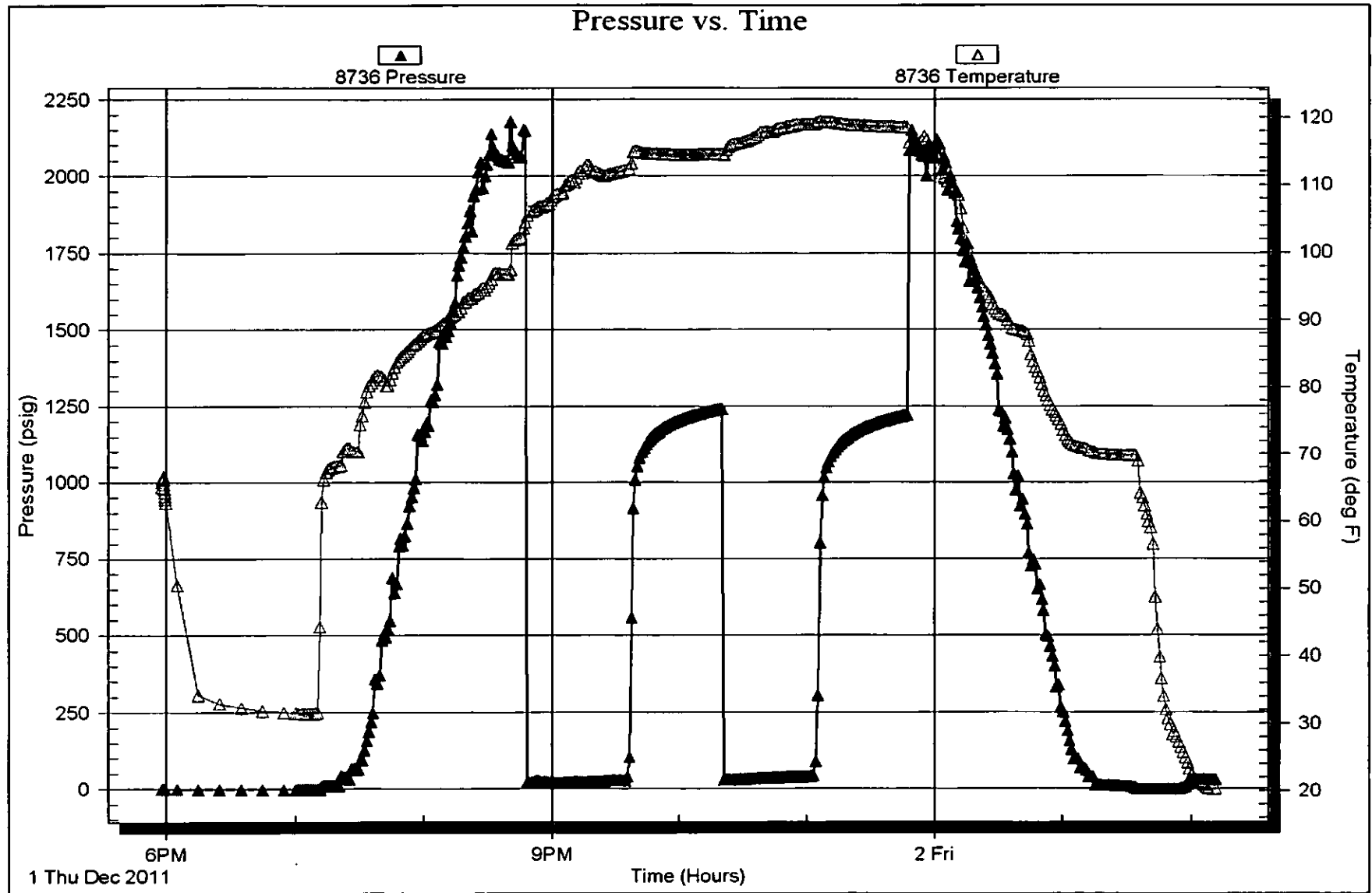
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
DEC 02 2011

Test Ticket

NO. 44698

Well Name & No. Adrienne #2-18 Test No. 1 Date 12-1-11
 Company American Warrior, Inc. Elevation 2210 KB 2205 GL
 Address PO Box 399, Garden City, KS. 67846
 Co. Rep / Geo. Jason Alm Rig Petro mark #1
 Location: Sec. 18 Twp. 19s Rge. 21w Co. Ness State KS

Interval Tested 4242 - 4265 Zone Tested Cherokee Sand
 Anchor Length 23' Drill Pipe Run 4100 Mud Wt. 9.0
 Top Packer Depth 4237 Drill Collars Run 119 Vis 43
 Bottom Packer Depth 4242 Wt. Pipe Run 0 WL 7.2
 Total Depth 4265 Chlorides 6,600 ppm System LCM Trace
 Blow Description IFP - Strong, BOB in 5 min.
ISI. 1" Blowback
FFP - Strong, BOB in 6 min.
FSI. 1 1/2" Blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>HOC MW</u>	<u>25</u>	<u>20</u>	<u>45</u>	<u>10</u>
<u>60</u>	<u>60C MW</u>	<u>25</u>	<u>20</u>	<u>45</u>	<u>10</u>
<u>120</u>	<u>60C MW</u>	<u>15</u>	<u>30</u>	<u>50</u>	<u>5</u>
<u>300'</u>	<u>GIP</u>				

Rec Total _____ BHT _____ Gravity _____ API RW 560 @ 35 °F Chlorides 27,000 ppm

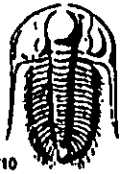
(A) Initial Hydrostatic <u>2099</u>	<input checked="" type="checkbox"/> Test <u>1225'</u>	T-On Location <u>23:50</u>
(B) First Initial Flow <u>35</u>	<input checked="" type="checkbox"/> Jars <u>250'</u>	T-Started <u>24:56</u>
(C) First Final Flow <u>79</u>	<input checked="" type="checkbox"/> Safety Joint <u>75'</u>	T-Open <u>3:06</u>
(D) Initial Shut-In <u>297</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>3:38</u>
(E) Second Initial Flow <u>95</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>6:34</u>
(F) Second Final Flow <u>111</u>	<input checked="" type="checkbox"/> Mileage <u>118 rt 165.20</u>	Comments _____
(G) Final Shut-In <u>290</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2000</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>5</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>10</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>7</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>10</u>	<input type="checkbox"/> Day Standby _____	Total <u>1715.20</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc'l _____
	Sub Total <u>1715.20</u>	

Approved By _____

Our Representative Jason M. Jamon

Thank you

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.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
DEC 02 2011

Test Ticket

NO. 44699

BY: _____

Well Name & No. Adrienne #2-18 Test No. 2 Date 12-1-11
 Company American Warrior Inc. Elevation 2210 KB 2205 GL
 Address PO Box 399, Garden City, KS. 67846
 Co. Rep / Geo. Jason Alm Rig Petromark #1
 Location: Sec. 18 Twp. 19s Rge. 21w Co. Ness State KS

Interval Tested 4340-4348 Zone Tested Mississippi
 Anchor Length 8' Drill Pipe Run _____ Mud Wt. 4.0
 Top Packer Depth 4335 Drill Collars Run 119 Vis 57
 Bottom Packer Depth 4340 Wt. Pipe Run 0 WL 8.0
 Total Depth 4348 Chlorides 7100 ppm System _____ LCM Ø
 Blow Description IFF-Weak, Built to 2 1/4"
ISI-Dead
FFP-Weak Blow, Built to 1 1/2"
FSI-Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>USOCMW</u>		<u>5</u>	<u>60</u>	<u>35</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 60 BHT 116° Gravity _____ API RW .783 @ 23° F Chlorides 31,000 ppm
 (A) Initial Hydrostatic 2149 ~~Test~~ 1225 T-On Location 17:47
 (B) First Initial Flow 21 ~~Jars~~ 250 T-Started 17:56
 (C) First Final Flow 29 ~~Safety Joint~~ 75 T-Open 20:42
 (D) Initial Shut-In 1242 Circ Sub _____ T-Pulled 23:42
 (E) Second Initial Flow 30 Hourly Standby _____ T-Out 2:12
 (F) Second Final Flow 42 Mileage 118 rt 165.20 Comments _____
 (G) Final Shut-In 1222 Sampler _____
 (H) Final Hydrostatic 2147 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1715.20

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

Sub Total Ø
 Total 1715.20
 MP/DST Disc't _____

Approved By _____ Our Representative Jason Mc Lemmon

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.

Thank you