



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 # 31548 Name: Discovery Drilling Wellsite Geologist: Jason Alm Purchaser:

Designate Type of Completion: [X] New Well [] Re-Entry [] Workover [] Oil [] WSW [] SWD [] SIOW [] Gas [] D&A [X] ENHR [] SIGW [] OG [] GSW [] Temp. Abd. [] CM (Coal Bed Methane) [] Cathodic [] Other (Corr. 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 #:

06/25/2012 07/02/2012 09/19/2012 Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-135-25280-00-00 Spot Description: SW NW NE NW Sec. 24 Twp. 18 S. R. 21 [] East [X] West 410 Feet from [X] North / [] South Line of Section 1475 Feet from [] East / [X] West Line of Section

Footages Calculated from Nearest Outside Section Corner: [] NE [X] NW [] SE [] SW County: Ness Lease Name: Seltman Well #: 8 Field Name: Pabst Producing Formation: NA Elevation: Ground: 2106 Kelly Bushing: 2114 Total Depth: 4175 Plug Back Total Depth: 4128 Amount of Surface Pipe Set and Cemented at: 1330 Feet Multiple Stage Cementing Collar Used? [] Yes [X] 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: 25000 ppm Fluid volume: 440 bbls Dewatering method used: Hauled to Disposal Location of fluid disposal if hauled offsite: Operator Name: American Warrior Lease Name: Moore-Hamzy License #: 4058 Quarter SE Sec. 27 Twp. 19 S. R. 21 [] East [X] West County: Ness Permit #: D28845

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: [X] Wireline Log Received [X] Geologist Report Received [X] UIC Distribution ALT [X] I [] II [] III Approved by: NACW JAMES Date: 10/01/2012



1095264

Operator Name: American Warrior, Inc. Lease Name: Seltman Well #: 8
 Sec. 24 Twp. 18 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 Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (TD), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name Attached	Top Attached	Datum Attached
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 <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

List All E. Logs Run:
 Dual Induction, Dual Compensated Porosity
 Dual Receiver Cement Bond

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	28	1330	SMD	425	1/4# Flocele
Production	7.875	5.5	15.5	4171	EA-2	175	1/4# Flocele

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-2000	SMD	125	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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run Yes No

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 (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 (Submit ACO-5) <input type="checkbox"/> Cemented (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Seltman 8
Doc ID	1095264

Tops

	Top	Datum
Anhydrite	1318	796
Chase	2178	-64
Heebner	3548	-1434
Lansing	3591	-1477
Base Kansas City	3902	-1788
Pawnee	3984	-1870
Ft. Scott	4046	-1932
Cherokee	4064	-1950
Mississippian	4132	-2018
TD	4175	-2061



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

TICKET
 No 23132

PAGE 1 OF 1

SERVICE LOCATIONS
 1. Well: KS WELL/PROJECT NO. 48 LEASE Seltman COUNTY/PARISH Ness STATE KS CITY Bazine DATE 27 Apr 2 OWNER
 2. TICKET TYPE SERVICE SALES CONTRACTOR RIG NAME/NO. SHIPPED VIA DELIVERED TO ORDER NO.
 3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE complet well 5011000 WELL PERMIT NO. WELL LOCATION 24-185-21W
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		LIST PRICE	AMOUNT
		LCC	ACCT	DF							
575		1			MILEAGE	70	mi			6.00	180.00
576 D		1			Pen. Charge	1	ea			12.50	12.50
330		1			SMD complet	425	hr			16.50	7012.50
276		1			Fixals	100	lb			2.00	200.00
281		1			Mud flush	200	gal			1.25	625.00
221		1			KCL liquid	2	bar			25.00	50.00
419		1			Turbolizer	8	ft	3	ea	100.00	300.00
412		1			Cal/co. Plate	2	ft	1	ea	110.00	110.00
410		1			Top Plug	8	ft	1	ea	100.00	100.00
290		1			D-Air	3	bar			35.00	105.00
581		1			Service Charge	425	sk			2.00	850.00
583		1			Drayage	425	hr	1	hr	1.00	422.92

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
 DATE SIGNED TIME SIGNED 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?				
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES
 SWIFT OPERATOR [Signature] APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 7 Jun 12 PAGE NO.

CUSTOMER American Operator

WELL NO. 48

LEASE Seltman

JOB TYPE cement deep surface

TICKET NO. 23132

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								425 sks 5MD on 1/2" floccula
								31jt 8 7/8" 28" 1317'
								Shoejt 2750' TO 1330
								Cont 1,927 hdl the plate
	2130							on 're TRK 114
	2228							Start 8 7/8" 28" casing in well
	2350							circulate
28 Jun	0012	4 3/4	12				200	Pump 12 bbl MUD FLUSH
		4 3/4	20				200	Pump 20 bbl KCL flush
	0020	6 3/4	46				250	Mix 5MD cont 100sk @ 11.8 ppg
		6 3/4	58				250	Mix 5MD cement 150sk @ 12.5 ppg
		6 3/4	79				250	Mix 5MD cont 100sk @ 13.8 ppg
		6 3/4	20				250	Mix 5MD cement 75sk @ 14.5 ppg
			153 total					{ 425sk TOTAL }
								Release top plug
	0045	6 3/4					200	Displace plug
		6 3/4	60				300	- cement to surface
	0100	6 3/4	80				350	Low plug
							200	Close in casing
								Wash TRK
								Rack up
								job complete
								Thanks Rob Davis & Steve



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

TICKET # **23137**
 PAGE 1 OF 2

SERVICE LOCATIONS: 1. MOBILE, KS
 WELL/PROJECT NO. #8 LEASE Seltman COUNTY/STATE Nea KS CITY Bazine DATE 3 Nov 12 OWNER
 2. TICKET TYPE SERVICE SALES CONTRACTOR Discway 3. WELL NAME NO. 3 SHIPPED YET DELIVERED TO location
 4. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE cement bag staging PERMIT NO. 24-14-2111
 REFERRAL LOCATION: INVOICE INSTRUCTIONS

PRCDE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	20	m			1000	2000.00
578		1			Pump Charge	1	ea			1500.00	1500.00
402		1			Centralizer	5 1/2	in	5	ea	400.00	2250.00
403		1			Cement Basket	5 1/2	in	1	ea	250.00	250.00
406		1			Latch drum dia 6 1/2 x 16	5 1/2	in	1	ea	250.00	250.00
407		1			inset flat shoe w/ auto rim	5 1/2	in	1	ea	250.00	250.00
419		1			Rotating hood rental	5 1/2	in	1	ea	200.00	200.00

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 SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 X
 DATE SIGNED: TIME SIGNED: 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?				
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFECTED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		TOTAL
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

SWIFT OPERATOR: APPROVAL:

Thank You!



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

TICKET CONTINUATION

TICKET No. 23137

CUSTOMER American Warrior WEL Sellman 58 DATE 2 Jul 12 PAGE 2 OF 2

325	1	STANDARD COMMIT (FOR 2)	175 SK	13 50	2362 50
284	1	col seal	400 lb 8 sk	35 00	2801 00
283	1	50 lb	900 lb	02 00	1801 00
292	1	halo 322	100 lb	7 75	968 75
276	1	Finilo	50 lb	2 00	100 00
281	1	m. fish	50 gal	1 25	625 00
221	1	30 lb liquid	2 gal	25 00	50 00
290	1	D.A.R	2 gal	35 00	70 00
582	1	Dropover (D.A.)	1 cu	250 00	250 00
581	1	SERVICE CHARGE	175	2 00	350 00
		TOTAL WEIGHT			
		LOADED MILES			
		TON MILES			

JOB LOG

SWIFT Services, Inc.

DATE: 12/12 PAGE NO.

CUSTOMER: *Amco Mill Co* WELL NO. *28* LEASE: *Colman* JOBSITE: *Amco Mill Co* TICKET NO.: *23137*

CHART NO.	TIME	RATE (BPM)	VOL/ME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	C/SNG	
								175 gals EA-2 w/ 1/2" floccle 5:45.5" casing TD 4175' TUBING 4175' SHANK 4745' GAL 1639.80 BBL 5
	0630							on loc 1RX 114
	0650							slat 5' 15" casing in well
	0840							Drill - circulate - TIC/AIE
	0910	44	12				200	Pump 50 gal surf flush
		44	20				200	Pump 20 bbl KCL flush
	0918		7					Plug PH mix 3:1500 - 20 skt
	0924	44	36				250	m. EA-2 cement 12500 @ 15.3 PPG
	0935							drop lot/drum plug work pump & lines
	0938	63					200	Drop line plug
		63	79				750	
	0956	63	99				1550	hand plug
								Release pressure to truck - draw up
	1003							wash truck
								Break up:
	1030							job complete
								4 bbls T.J. Blake & Dave



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

TICKET
 N° **23148**

PAGE 1 OF 1

SERVICE LOCATIONS: 1. WALTY KS WELLF NO. 8 LEASE Seltman COUNTY/STATE KS CITY B22... DATE 13/11/12 OWNER _____

2. TICKET TYPE SERVICE SALES CONTRACTOR _____ RIG NAME/NO. _____ STOPPED Y DELIVERED TO location

3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE connect to roadside WELL PERMIT NO. _____ WELL LOCATION 74-10-2111

4. REFERRAL LOCATION _____ INVOICE INSTRUCTIONS _____

PRIME SERVICE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNT			DESCRIPTION	QTY.	UNIT	QTY.	UNIT	PRICE	TOTAL
		LED	ACCT	D.							
575		1			MILEAGE TRK 114	20	mi			1.20	120.00
5765		1			Pump Charge	1	ea			1000.00	1000.00
330					SUN count	125	sk			16.50	2062.50
270		1			Florida	50	hr			2.00	100.00
290		1			D-aio	1	gal			35.00	35.00
581		1			service charge	125	sk			1.75	218.75
582		1			Drilling cost	1	ea			250.00	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.

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

DATE SIGNED 11/5 TIME SIGNED 11:55 AM 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
OPERATION PERFORMED WITHOUT BREAKDOWN?				3817.50
EQUIPMENT MET YOUR NEEDS?				
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

TAX 7.55
6.39
 138.44
 3955.94

SWIFT OPERATOR PCW APPROVAL _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE: 9/12 PAGE NO.

CUSTOMER: American Warrior WELL NO. 8 LEASE: At Se Ham JR JTY: cement backside TICKET NO. 2346

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATIONS AND MATERIALS
				T	C	TUBING	C/SBCK	
								12.5' 5' 5' w/ 1/4" #1 level 2 S = 88
	1030							on loc - PR 1M
	1035							Pressure 500 psi - shut in
	1037	4	2					inj rate 55' @ 4pm @ 50' psi
	1045	2 1/4 2 1/4	3			100 200		Mix sand cement @ 12.4 ppg 12.5' 12.5' pump 3 bbl
	1110		47			200		shut in 5' well 200 psi
								make tower
								block up
								job complete
								Link T. Max Drag 2' 1/2" wire

Geological Report

American Warrior, Inc.
Seltman #8
410' FNL & 1475' FWL
Sec. 24 T18s R21w
Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Setback #3
410' NT & 1475' FWL
Sec. 24 T18s R21w
Ness County, Kansas
API # 15-35-3-80-0000

Drilling Contractor: Discovery Drilling Co., Inc. Rig #3

Geologist: Jason T Alm

Spud Date: June 25, 2012

Completion Date: July 11, 2012

Elevation: 2106' Ground Level
2114' E city Benchmark

Directions: Alexander KS, West ½ mi. on Hwy 96 to
McCracken Rd. North 1½ mi. West via county rd.
2 ½ mi. South into location.

Casing: 1330' 8 5/8" surface casing
4174' 5 1/2" production casing

Samples: 10' wet and dry, 3850' to RTD

Drilling Time: 3500' to RTD

Electric Logs: Log-Tech, Inc. "Jared Long"
CNL/CNL, DIL

Drillstem Tests: One, Trilobite Testing, Inc. "Chuck Smith"

Problems: None

Remarks: None

Formation Tops

Formation	American Warrior, Inc. Seltman #8 Sec. 24 T18s R21w 410' FNL & 1475' FWL
Anhydrite	1318', +796
Base	1354', +760
Chase	2178', -64
Heebner	3548', -1434
Lansing	3591', -1477
BKc	3902', -1788
Pawnee	3984', -1870
Fort Scott	4046', -1932
Cherokee	4064', -1950
Mississippian	4132', -2018
LTD	4175', -2061
RTD	4175', -2061

Sample Zone Descriptions

Cherokee B Sand (4096', -1982): **Covered in DST #1**
 Ss – Quartz, slightly frosted, fine to medium grained, sub-rounded, fairly sorted, poorly cemented with fair to good inter-granular porosity, scattered light oil stain in cluster, slight show of free oil when broken, no odor, very dull yellow fluorescents, mostly barren, 10-12 units hotwire.

Drill Stem Tests
 Trilobite Testing, Inc.
 "Chuck Smith"

DST #1

Cherokee B Sand

Interval (4062' - 4110') Anchor Length 48'

IHP	- 2002 #	
IFP	- 45" - Built to 6 in.	32-100 #
ISI	- 45" - Dead	372 #
FFP	- 45" - Built to 8 in.	105-150 #
FSI	- 45" - Dead	359 #
FHP	- 1940 #	
BHT	- 117°F	

Recovery:	40' OSWM	10% Water
	248' MW	50% Water

Structural Comparison

	American Warrior, Inc. Seltman #8 Sec. 24 T18s R21w 410' FNL & 1475' FWL	American Warrior, Inc. Seltman #1 Sec. 24 T18s R21w 1200' FNL & 1600' FWL	American Warrior, Inc. Seltman #4 Sec. 24 T18s R21w 1453' FNL & 2200' FWL		
Formation					
Anhydrite	1318', +796	1315', +799	(-3)	1317', +793	(+3)
Base	1354', +760	NA	NA	1351', +760	FL
Chase	2178', -64	2176', -62	(-2)	NA	NA
Heebner	3548', -1434	3545', -1431	(-3)	3543', -1433	(-1)
Lansing	3591', -1477	3590', -1476	(-1)	3588', -1478	(+1)
BKc	3902', -1788	NA	NA	3899', -1789	(+1)
Pawnee	3984', -1870	NA	NA	3983', -1873	(+3)
Fort Scott	4046', -1932	4044', -1930	(-2)	4044', -1934	(+2)
Cherokee	4064', -1950	4062', -1948	(-2)	4060', -1950	FL
Mississippian	4132', -2018	4132', -2018	FL	4130', -2020	(+2)

Summary

The location for the Seltman #8 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One drill stem test was conducted which was negative. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing and convert the Seltman #8 well into a water injection well.

Recommended Perforations

Injection:

Cherokee B Sand:	(4096' – 4106')	DST #1
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Respectfully Submitted.

Jason T Alm
Hard Rock Consulting, Inc.

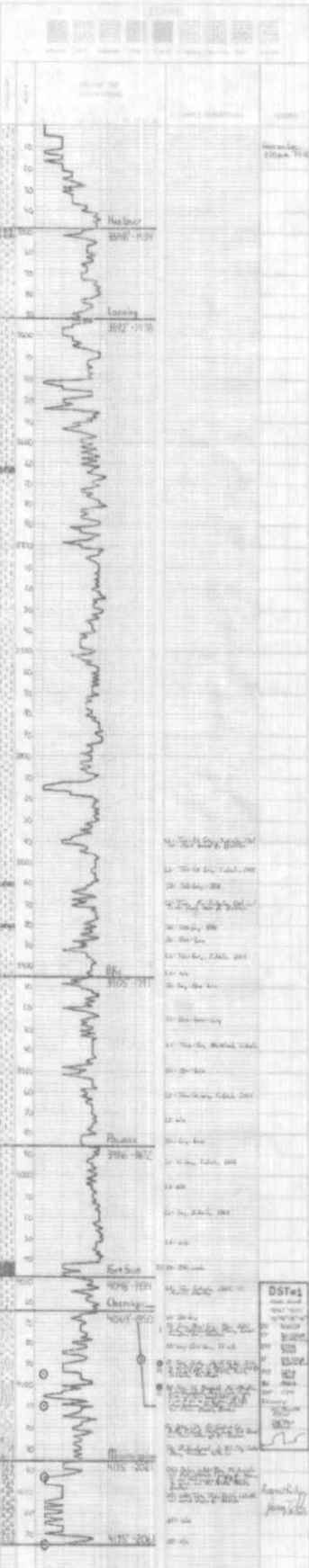


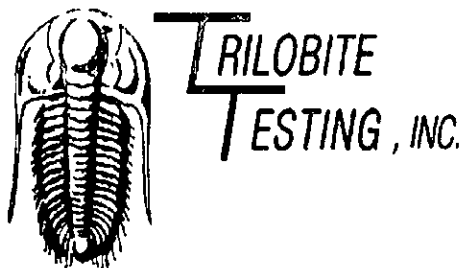
Geologic Report
Geological Engineering

Project: American Water, Inc.
 No. 8
 City: Baltimore, MD
 State: MD
 County: Baltimore
 District: 21st
 Name: [Blank]
 Date: [Blank]

Client: American Water, Inc.
 Address: [Blank]
 City: [Blank]
 State: [Blank]
 Zip: [Blank]

No.	Description	Depth (ft)	Remarks
1
2
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DRILL STEM TEST REPORT

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

PO Box 339
Garden City, KS 67846

ATTN: Jason Alm

Seltman #8

24-18s-21w Ness,KS

Start Date: 2012.07.02 @ 04:55:00

End Date: 2012.07.02 @ 12:25:39

Job Ticket #: 45930 DST #: 1

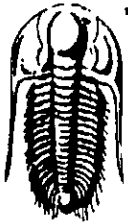
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.07.06 @ 11:19:15

American Warrior, Inc. 24-18s-21w Ness,KS Seltman #8 DST # 1 Cherokee Sand 2012.07.02



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

24-18s-21w Ness,KS

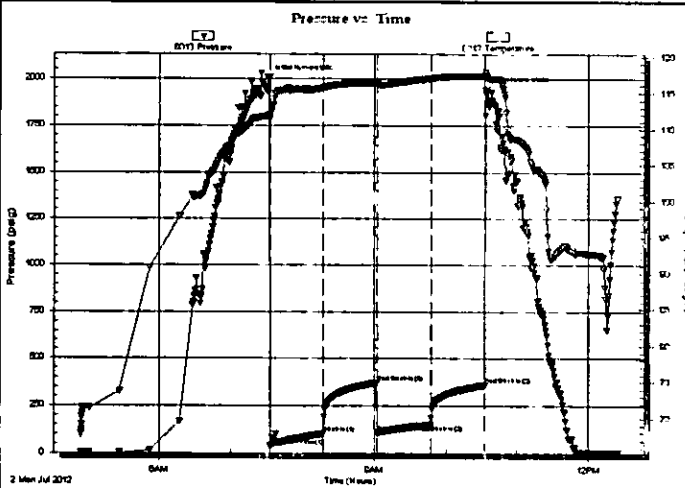
Seltman #8
 Job Ticket: 45980 DST#: 1
 Test Start: 2012.07.02 @ 04:55:00

GENERAL INFORMATION:

Formation: **Cherokee Sand**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 07:32:10 Tester: Chuck Smith
 Time Test Ended: 12:25:39 Unit No: 62
 Interval: **4062.00 ft (KB) To 4110.00 ft (KB) (TVD)** Reference Elevations: 2114.00 ft (KB)
 Total Depth: 4110.00 ft (KB) (TVD) 2106.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8018 Inside
 Press@RunDepth: 149.85 psig @ 4066.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.07.02 End Date: 2012.07.02 Last Calib.: 2012.07.02
 Start Time: 04:55:02 End Time: 12:25:40 Time On Btm: 2012.07.02 @ 07:30:30
 Time Off Btm: 2012.07.02 @ 10:33:50

TEST COMMENT: Weak blow died @ 11 min., flushed tool, built to 6"
 No return.
 8" Blow.
 No return.



PRESSURE SUMMARY

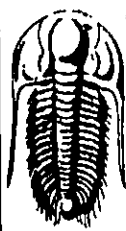
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2002.24	111.81	Initial Hydro-static
2	32.75	111.47	Open To Flow (1)
47	100.51	115.69	Shut-In(1)
92	372.08	116.39	End Shut-In(1)
92	105.37	116.20	Open To Flow (2)
137	149.85	117.02	Shut-In(2)
183	358.92	117.36	End Shut-In(2)
184	1940.63	117.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	OSWM 10w 90m	0.75
248.00	MW 50m50w	3.48

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.

24-18s-21w Ness,KS

PO Box 399
Garden City, KS 67846

Seltman #8

Job Ticket: 45980

DST#: 1

ATTN: Jason Alm

Test Start: 2012.07.02 @ 04:55:00

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: 07:32:10

Time Test Ended: 12:25:39

Test Type: **Conventional Bottom Hole (Initial)**

Tester: **Chuck Smith**

Unit No: **62**

Interval: **4062.00 ft (KB) To 4110.00 ft (KB) (TVD)**

Total Depth: **4110.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches**Hole Condition: **Good**

Reference Elevations: **2114.00 ft (KB)**

2106.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 6751 Outside

Press@RunDepth: psig @ **4066.00 ft (KB)**

Start Date: **2012.07.02** End Date: **2012.07.02**

Start Time: **04:55:02** End Time: **12:25:36**

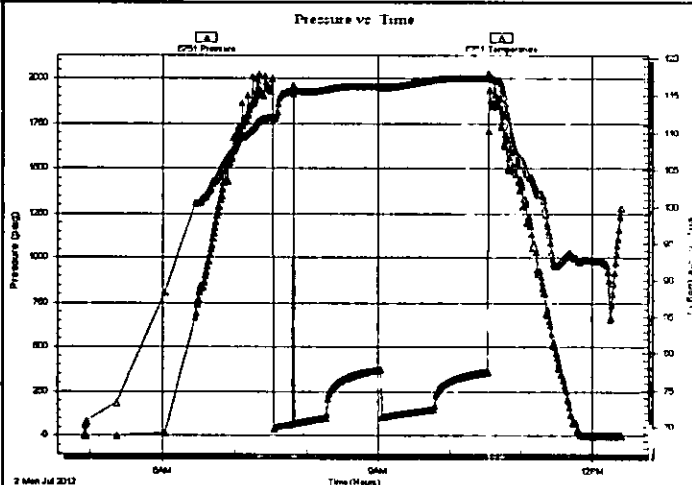
Capacity: **8000.00 psig**

Last Calib.: **2012.07.02**

Time On Btm:

Time Off Btm:

TEST COMMENT: Weak blow died @ 11 min., flushed tool, built to 6"
No return.
8" Blow.
No return.



PRESSURE SUMMARY

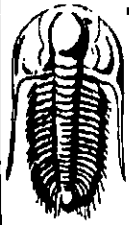
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
40.00	OSWM 10w 90m	0.29
248.00	MW 50m 50w	3.48

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

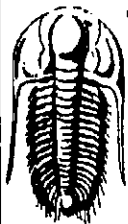
24-18s-21w Ness,KS
Seltman #8
Job Ticket: 45980 **DST#: 1**
Test Start: 2012.07.02 @ 04:55:00

Tool Information

Drill Pipe:	Length: 4030.00 ft	Diameter: 3.80 inches	Volume: 56.53 bbl	Tool Weight: 2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bb'	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 56.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.50 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4062.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	75.50 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			4035.50	
Shut In Tool	5.00			4040.50	
Hydraulic tool	5.00			4045.50	
Jars	5.00			4050.50	
Safety Joint	2.50			4053.00	
Packer	5.00			4058.00	27.50 Bottom Of Top Packer
Packer	4.00			4062.00	
Stubb	1.00			4063.00	
Perforations	3.00			4066.00	
Recorder	0.00	8018	Inside	4066.00	
Recorder	0.00	6751	Outside	4066.00	
Perforations	8.00			4074.00	
Change Over Sub	1.00			4075.00	
Drill Pipe	31.00			4106.00	
Change Over Sub	1.00			4107.00	
Bullnose	3.00			4110.00	48.00 Bottom Packers & Anchor
Total Tool Length:	75.50				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

24-18s-21w Ness,KS

PO Box 399
Garden City, KS 67846

Seltman #8

Job Ticket: 45980

DST#: 1

ATTN: Jason Alm

Test Start: 2012.07.02 @ 04:55:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Satinity:

48000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
40.00	OSWM 10w 90m	0.288
248.00	MW 50m 50w	3.479

Total Length: 288.00 ft Total Volume: 3.767 bbf

Num Fluid Samples: 0

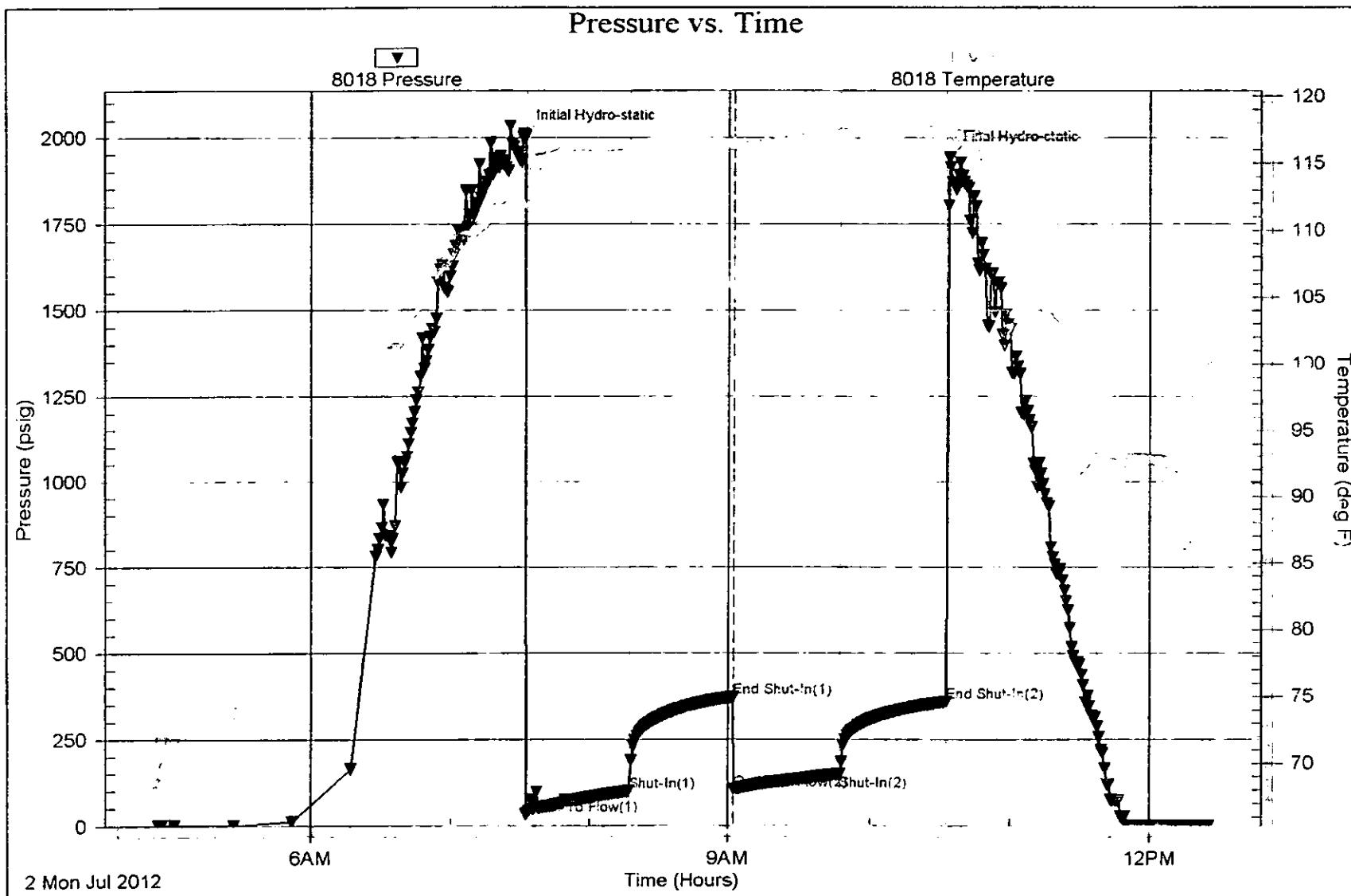
Num Gas Bombs: 0

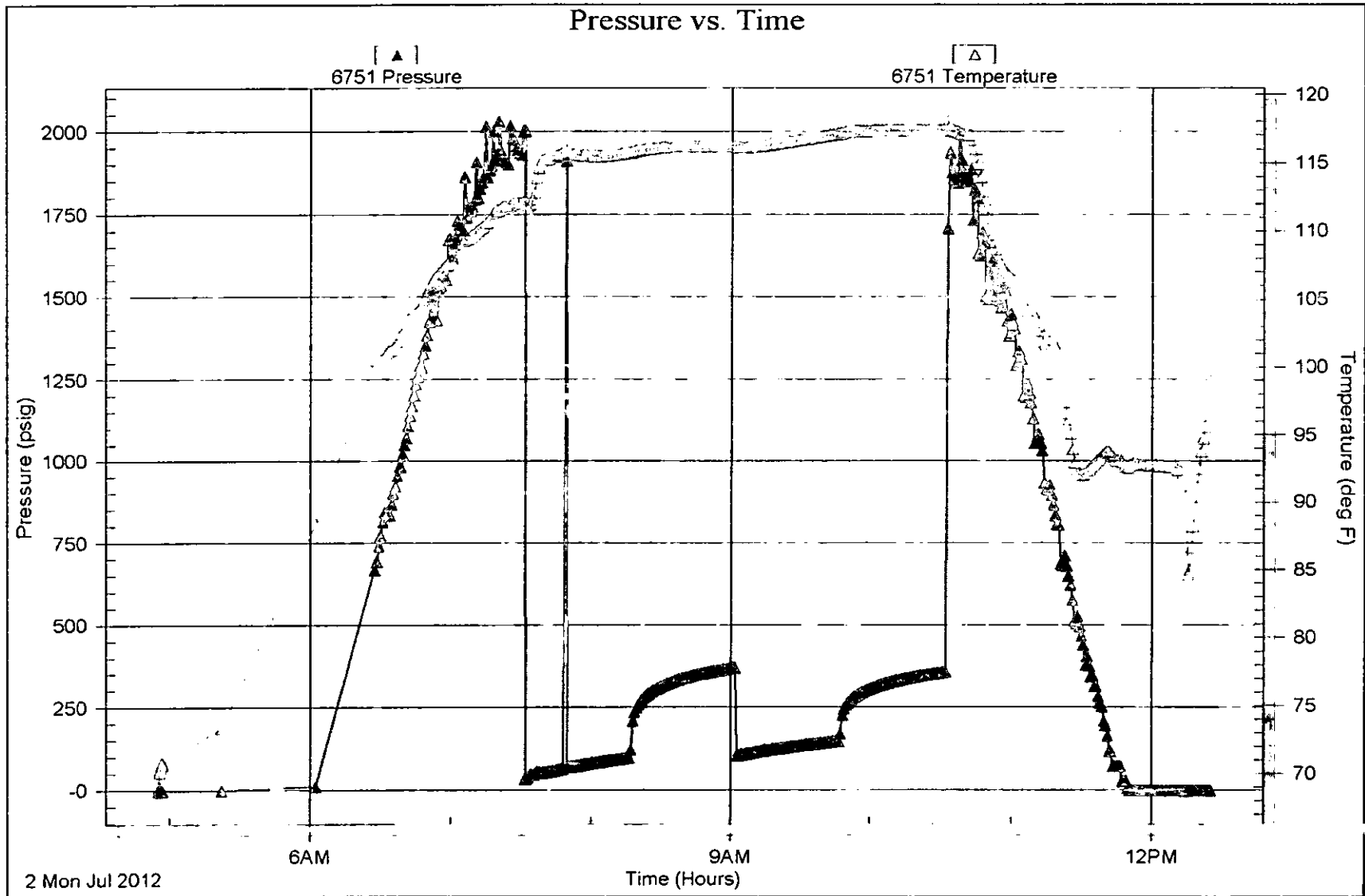
Serial #:

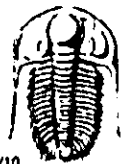
Laboratory Name:

Laboratory Location:

Recovery Comments: RW: 126 @ 88 Degrees F = 48000 PPM







TRILOBITE TESTING INC.

PO Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 4980

Well Name & No. <u>Seltman #8</u>	Test No. <u>1</u>	Date <u>7-2-12</u>
Company <u>American Warrior, Inc.</u>	Elevation <u>2114</u>	KR <u>2106</u> GL
Address <u>POB 399 Garden City, KS 67846</u>	Rig <u>Disco #3</u>	
Co. Rep / Geo. <u>Jason T Alm</u>	Co <u>Ness</u>	State <u>KS</u>
Location: Sec. <u>24</u> Twp <u>18s</u> Rge. <u>21w</u>		

Interval Tested <u>4062 - 4110</u>	Zone Tested <u>Cherokee Sand</u>
Anchor Length <u>48</u>	Drill Pipe Run <u>4030</u> Mud Wt. <u>9.0</u>
Top Packer Depth <u>4058</u>	Drill Collars Run <u>30</u> Vis <u>55</u>
Bottom Packer Depth <u>4062</u>	Wt Pipe Run <u>0</u> WI <u>8.0</u>
Total Depth <u>4110</u>	Chlorides <u>5100</u> ppm System LCM <u>1</u>

Blow Description Weak blow died @ 11 min, Flushed tool, built to 6".
No return.
8" Blow.
No return.

Rec	Feet of	gas	oil	%water	%mud
Rec <u>40</u>	Feet of <u>OSWM</u>	gas	oil	<u>10</u> %water	<u>90</u> %mud
Rec <u>248</u>	Feet of <u>MW</u>	gas	oil	<u>50</u> %water	<u>50</u> %mud
Rec	Feet of	gas	oil	%water	%mud
Rec	Feet of	gas	oil	%water	%mud

Rec Total <u>288</u>	BHT <u>117</u>	Gravity <u>—</u>	API RW <u>126</u>	ppm <u>88</u>	Chlorides <u>48,000</u> ppm
(A) Initial Hydrostatic <u>2002</u>	<input checked="" type="checkbox"/> Test 1250	T On Location <u>7:45</u>			
(B) First Initial Flow <u>33</u>	<input checked="" type="checkbox"/> Jars 250	T Started <u>4:55</u>			
(C) First Final Flow <u>101</u>	<input checked="" type="checkbox"/> Safety Joint 75	T Open <u>7:32</u>			
(D) Initial Shut-In <u>372</u>	<input checked="" type="checkbox"/> Circ Sub 50	T Pulled <u>10:33</u>			
(E) Second Initial Flow <u>105</u>	<input type="checkbox"/> Hourly Standby	T Out <u>12:26</u>			
(F) Second Final Flow <u>150</u>	<input checked="" type="checkbox"/> Mileage <u>151 RT</u> 90rt 139.50	Comments			
(G) Final Shut-In <u>359</u>	<input type="checkbox"/> Sampler				
(H) Final Hydrostatic <u>1941</u>	<input type="checkbox"/> Straddle				

Initial Open <u>45</u>	<input type="checkbox"/> Shale Packer	<input checked="" type="checkbox"/> Ruined Packer 320
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copier
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub total 0
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby	Total 1764.50
	<input type="checkbox"/> Accessibility	MP DST Disc 1
	Sub Total	

Approved By _____ Our Representative Chuck Smith

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