



KANSAS CORPORATION COMMISSION 1095025
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-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 #: _____
05/14/2012 05/22/2012 06/11/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-135-25391-00-00
Spot Description: _____
SE NW SW NE Sec. 13 Twp. 19 S. R. 22 East West
1965 Feet from North / South Line of Section
2092 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ness
Lease Name: Schwieh Well #: 3-13
Field Name: DeWald
Producing Formation: Mississippian
Elevation: Ground: 2211 Kelly Bushing: 2217
Total Depth: 4342 Plug Back Total Depth: 4341
Amount of Surface Pipe Set and Cemented at: 223 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1432 Feet
If Alternate II completion, cement circulated from: 1432
feet depth to: 0 w/ 100 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: NAOMI JAMES Date: 09/27/2012



1095025

Operator Name: American Warrior, Inc. Lease Name: Schwie Well #: 3-13
 Sec. 13 Twp. 19 S. R. 22 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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), 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	23	223	Common	150	3% CC, 2% Gel
Production	7.875	5.5	15.5	4341	EA-2	175	1/4# Flocele

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-1432	SMD	100	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	4331-4341		

TUBING RECORD:	Size: <u>2.375</u>	Set At: <u>4338</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>06/26/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls. <u>5</u>	Gas Mcf	Water Bbls. <u>130</u>	Gas-Oil Ratio <u>40</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 (Specify) _____	PRODUCTION INTERVAL: <u>4331-4341</u>
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Schwieh 3-13
Doc ID	1095025

Tops

Anhydrite	1450	767
Heebner	3692	-1475
Lansing	3740	-1523
Base Kansas City	4065	-1848
Pawnee	4149	-1932
Ft. Scott	4226	-2009
Cherokee	4244	-2027
Mississippian	4318	-2101
TD	4342	-2135



ALLIED CEMENTING CO., LLC

Cementing & Acidizing Services

CEMENTING LOG

STAGE NO. _____

Date 5-16-12 District Great Bend Ticket No. 53522
 Company American Warrior Rig Leffner #1
 Lease Schwein Well No. 3-13
 County Den State KS
 Location _____ Field _____

CEMENT DATA:
 Spacer Type: Fresh water
 Amt. 5 Skys Yield _____ ft³/sk Density _____ PPG

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 5/8 Type APW Weight 122 Collar 8rd

LEAD: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 TAIL: Pump Time Tholen time hrs. Type 150 sks Com
5% cc 2% gel Excess _____

Amt. 130 Skys Yield 1.34 ft³/sk Density 15.2 PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Casing Depth: Top KB Bottom 223

Pump Trucks Used 366 Kenne E

Bulk Equip. 378 Kenne W

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

Float Equip: Manufacturer _____

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. .1458 Lin. ft./Bbl. 6.85
 Drill Pipe: Bbls/Lin. ft. .0142 Lin. ft./Bbl. 70.32
 Annulus: Bbls/Lin. ft. .0795 Lin. ft./Bbl. 12.60

Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Stage Collars _____
 Special Equip. _____

Disp. Fluid Type 1470 Amt. _____ Bbls. Weight _____ PPG
 Mud Type N7100 Weight _____ PPG

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

COMPANY REPRESENTATIVE _____

CEMENTER Craig R

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
						On location - Rig up
						field safety meeting
						Run 8 5/8 csg.
						Offic. csg w/ rig man
						Hook up cement pump
						Run 5 BBL ahead
						Mix 150 sks cement
						Displace w/ 19.25 bbl
						fresh water
						Shut in
						Rig down

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



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

TICKET # **23073**
 PAGE 1 OF 2

SERVICE LOCATIONS 1. Ness City KS WELL/PROJECT NO. 3-13 LEASE Schwein COUNTY/PARISH Ness STATE KS CITY Bazine DATE 22 May 12 OWNER
 2. TICKET TYPE SERVICE SALES CONTRACTOR RIG NAME NO. SHIPPED NET DELIVERED TO location ORDER NO.
 3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE connect long string WELL PERMIT NO. WELL LOCATION 13-195-22W
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
573		1			MILEAGE TRK 114	20				6.00	120.00
578		1			Pump Charge	1				1500.00	1500.00
402		1			Centralizer	5 1/2		5	leg	70.00	350.00
403		1			Donut Basket	5 1/2		2	in	250.00	500.00
404		1			Port Collar	5 1/2		1	in	2400.00	2400.00
406		1			Latch down plug & buffer	5 1/2		1	in	250.00	250.00
407		1			Insert of float sleeve w/ auto fill	5 1/2		1	in	350.00	350.00
409		1			Rotating head travel	5 1/2		1	in	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
 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?				
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL

SWIFT OPERATOR APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 23672

CUSTOMER American Warrior WELL Schueller 3-13 DATE 22 APR 12 PAGE 2 OF 2

325	1		Standard cement (for SA-2)	175 sk		13 50	2362 50
284	1		Calseal	800 lb	8 sk	35 00	250 00
283	1		salt	900 lb		0 00	180 00
292	1		balad - 322	125 lb		7 75	968 75
276	1		flucel	50 lb		2 00	100 00
281	1		mud flush	500 gal		1 25	625 00
221	1		KCl liquid	2 gal		25 00	50 00
290	1		D-AIR	2 gal		35 00	70 00
582	1		Dremol (Min)	1 ea		250 00	250 00
581	1		SERVICE CHARGE	175		2 00	350 00
TOTAL WEIGHT				98325	LOADED MILES	20	TON MILES

JOB LOG

SWIFT Services, Inc.

DATE 22 MAY 12 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 3-13 LEASE Schwein JOB TYPE Cement Plug String TICKET NO. 23672

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175# EA-2 w/ 1/4" floacle
								5 1/2" 15.5" casing 103 jts 434' sl... j 42'
								Center 1, 2, 3, 4, 6, 8 Basket 5, 6, 9
								CTD 431' RTD 4352' jts out 103, 109, 116
	1700							on loc TRK 114
	1710							start 5 1/2" 15.5" casing in well
	1900							Drop ball - circulate - ROTATE
	1925	4 3/4	12			250		Pump 500 gal mud flush
		4 3/4	20			250		Pump 20 bbl KCL flush
	1930		7					Plug RH 30 sks
	1936	4 3/4	36			200		mix EA-2 cement 145 sks © 153 pp
								Drop latch drum plug
								wash out pump 1/2 line
	1947	6 3/4				200		Displace plug
		6 3/4	95			80		
	2000	6 3/4	103			1500		Land plug
	2003							Release pressure to truck - dried up
	2010							wash truck
								Ruck up
	2045							job complete
								Thanks Blaine, Doug - Dave



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

TICKET
 No. **22728**

PAGE 1 OF

SERVICE LOCATIONS
 1. **NESS CITY, KS.** WELL/PROJECT NO. **SCHWEIN 3-13** LEASE **NESS** COUNTY/PARISH **NESS** STATE **KS.** CITY **BAZINE, KS.** DATE **7 JUN 12** OWNER
 2. TICKET TYPE SERVICE SALES CONTRACTOR **HD OILFIELD SERV.** 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 **35, 1/2 W, SE 10D**
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			U/M			
575					MILEAGE #110	20	MIL		6.00	120.00
576D					Pump CHARGE	1	JOB	1432	PT.	1250.00
276					FLOCELE	25	LBS		2.00	50.00
288					SAND	1	SX		22.00	22.00
290					D-AIR	1	YAL		35.00	35.00
105					PORT COLLAR OPENING TOOL	1	JOB		350.00	350.00
402					BRIDGE PLUG RENTAL	1	JOB		1100.00	1100.00
330					SWIFT MULTI DENSITY	100	SX		1.50	150.00
581					SERVICE CHARGE CEMENT	200	SX		2.00	400.00
382					MINIMUM DRAYAGE	199.70	LBS	199.70	TM	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.

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?				4627.00
WE UNDERSTOOD AND MET YOUR NEEDS?				5227.00
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

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

x **Scott**
 DATE SIGNED **7 JUN 12** TIME SIGNED **1045** **AM** **PM**

SWIFT OPERATOR **[Signature]** APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 7 JUN 12 PAGE NO.

CUSTOMER AMERICAN WARRIOR

WELL NO.

LEASE SCHWEIN 3-13

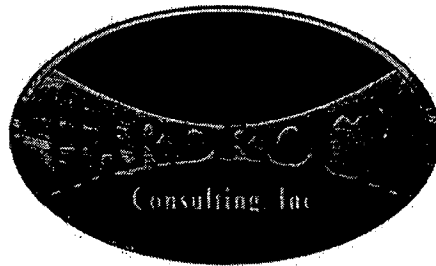
JOB TYPE CEMENT PORT COLLAR

TREKID NO. 22726

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							ON LOCATION PORT COLLAR @ 1432
	0849				✓		1000	TEST - HELD
	0851	3			✓		300	OPEN PORT COLLAR TAKE FLOW RATE
	0854	4	55		✓		500	MIX 100SX SMD
		3	4 1/2		✓		200	DISPLACE CEMENT CIRCULATE 15SX TO PIT
	0911				✓		1000	CLOSE PORT COLLAR - TEST - HELD RUN 4 JTS.
	0924	3 3	15		✓		300	REVERSE CEMENT OUT OF TUBING RUN TUBING.
	1020	3	30		✓			CIRCULATE SAND OFF PLUG.
	1045							JOB COMPLETE. THANKS B/110 JASON JEFF RUB.

Geological Report

American Warrior, Inc.
Schwien #3-13
1950' FNL & 2100' FEL
Sec. 13 T19s R22w
Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Schwien #3-13
1950' FSL & 2100' FEL
Sec. 13 T19s R22w
Ness County, Kansas
API # 15-135-25391-0000

Drilling Contractor: Petromark Drilling, LLc. Rig #1

Geologist: Jason T Alm

Spud Date: May 14, 2012

Completion Date: May 22, 2012

Elevation: 2211' Ground Level
2217' Kelly Bushing

Directions: Bazine KS, intersection of Hwy 96 and Austin St.3
mi. West on trail ½ mi. South into location.

Casing: 223' 8 5/8" surface casing
4341' 5 1/2" production casing

Samples: 10' wet and dry, 3600' to RTD

Drilling Time: 3600' to RTD

Electric Logs: Log Tech, Inc. "Kenyon Bange"
CNL/CDL, DIL

Drillstem Tests: One, Trilobite Testing, Inc. "Cole Archibald"

Problems: Rig was 10 ft. long to log TD.

Remarks: Errors were made in pipe tally resulting in rig being
10 ft. off when compared to log.

Formation Tops

	American Warrior, Inc.
	Schwien #3-13
	Sec. 13 T19s R22w
Formation	1950' FSL & 2100' FEL
Anhydrite	1450', +767
Base	1486', +731
Heebner	3692', -1475
Lansing	3740', -1523
BKc	4065', -1848
Pawnee	4149', -1932
Fort Scott	4226', -2009
Cherokee	4244', -2027
Mississippian	4318', -2101
RTD	4352', -2135
LTD	4342', -2125

Sample Zone Descriptions

Mississippian Osage (4318', -2101): Covered in DST #1

Dolo - Δ - Fine sucrosic crystalline with poor inter-crystalline and vuggy porosity, heavy chert, triptolitic, weathered with fair vuggy porosity, light to fair oil stain in porosity, show of free oil, good odor, good yellow fluorescents, 20-22 units hotwire.

Drill Stem Tests
 Trilobite Testing, Inc.
 "Cole Archibald"

DST #1

Mississippian Osage

Interval (4331' - 4347') Anchor Length 16'

IHP	- 2213 #	
IFP	- 45" - Built to 2 in.	21-57 #
ISI	- 45" - Dead	1187 #
FFP	- 45" - Built to 3 in.	62-82 #
FSI	- 45" - Dead	1146 #
FHP	- 2172 #	
BHT	- 118°F	

Recovery: 60' GIP
 30' CGO
 120' Mud

Structural Comparison

	American Warrior, Inc. Schvien #3-13 Sec. 13 T19s R22w 1950' FSL & 2100' FEL	American Warrior, Inc. Schvien #1-13 Sec. 13 T19s R22w 1700' FNL & 1425' FEL		American Warrior, Inc. Farrow #1-13 Sec. 13 T19s R22w 4886' FSL & 3558' FEL	
Formation					
Anhydrite	1450', +767	1435', +768	(-1)	1484', +757	(+10)
Base	1486', +731	1469', +734	(-3)	NA	NA
Heebner	3692', -1475	3672', -1469	(-6)	3710', -1469	(-6)
Lansing	3740', -1523	3719', -1516	(-7)	3756', -1515	(-8)
BKc	4065', -1848	NA	NA	NA	NA
Pawnee	4149', -1932	4130', -1927	(-5)	4177', -1936	(+4)
Fort Scott	4226', -2009	4206', -2003	(-6)	4252', -2011	(+2)
Cherokee	4244', -2027	4223', -2020	(-7)	4270', -2029	(+2)
Mississippian	4318', -2101	4302', -2099	(-2)	4343', -2102	(+1)

Summary

The location for the Schwien #3-13 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One Drill Stem Test was conducted which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Schwien #3-13 well.

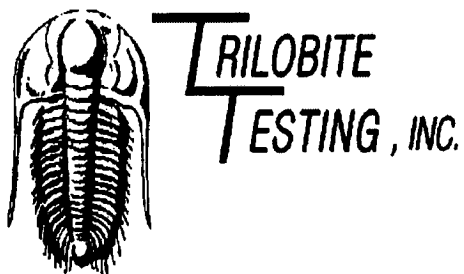
Recommended Perforations

Primary:

Mississippian Osage: (4318' – 4340') DST #1

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS 87846

ATTN: Jason Alm

Schwien 3-13

13-19s-22w Ness,KS

Start Date: 2012.05.21 @ 21:43:01

End Date: 2012.05.22 @ 06:01:15

Job Ticket #: 46590 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.05.25 @ 11:30:32

American Warrior Inc
13-19s-22w Ness,KS
Schwien 3-13
DST # 1
Mississippi
2012.05.21



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City, KS 87846
 ATTN: Jason Alm

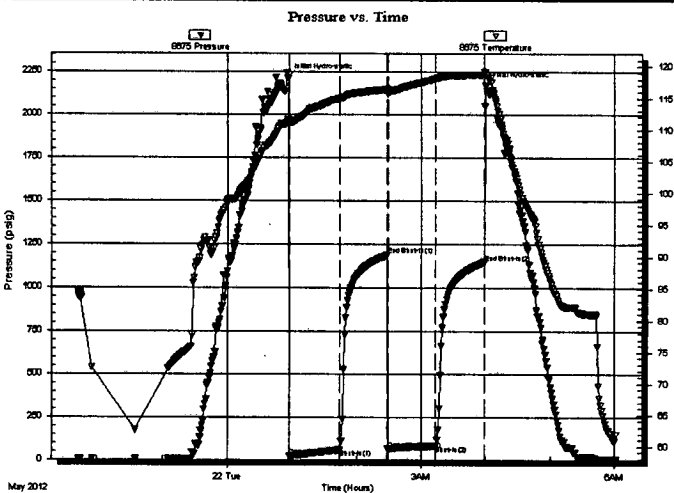
13-19s-22w Ness,KS
Schwien 3-13
 Job Ticket: 46590 **DST#: 1**
 Test Start: 2012.05.21 @ 21:43:01

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:57:15
 Time Test Ended: 06:01:15
 Interval: **4331.00 ft (KB) To 4347.00 ft (KB) (TVD)**
 Total Depth: 4347.00 ft (KB) (TVD)
 Hole Diameter: inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Cole Archibald
 Unit No: 46
 Reference Elevations: 2216.00 ft (KB)
 2211.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8675 **Inside**
 Press@RunDepth: 81.99 psig @ 4332.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.05.21 End Date: 2012.05.22 Last Calib.: 2012.05.22
 Start Time: 21:43:01 End Time: 06:01:15 Time On Btm: 2012.05.22 @ 00:55:30
 Time Off Btm: 2012.05.22 @ 03:59:45

TEST COMMENT: Built to 2 inch
 no return
 built to 3 inch
 no return



PRESSURE SUMMARY

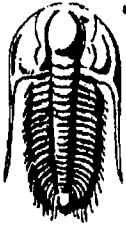
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2213.40	111.27	Initial Hydro-static
2	21.02	111.06	Open To Flow (1)
49	57.63	114.88	Shut-In(1)
93	1186.60	116.38	End Shut-In(1)
93	62.38	115.71	Open To Flow (2)
138	81.99	118.09	Shut-In(2)
183	1145.50	118.73	End Shut-In(2)
185	2171.98	118.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	m 100 m	0.60
30.00	o 100 o	0.42
0.00	60 gip	0.00

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 87846
ATTN: Jason Alm

13-19s-22w Ness,KS
Schwien 3-13
Job Ticket: 46590 **DST#: 1**
Test Start: 2012.05.21 @ 21:43:01

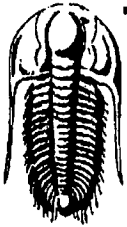
Tool Information

Drill Pipe:	Length: 4204.00 ft	Diameter: 3.80 inches	Volume: 58.97 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 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: 66000.00 lb
			<u>Total Volume: 59.56 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	19.50 ft			String Weight: initial 62000.00 lb
Depth to Top Packer:	4331.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	43.50 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			4304.50	
Shut In Tool	5.00			4309.50	
Hydraulic tool	5.00			4314.50	
Jars	5.00			4319.50	
Safety Joint	2.50			4322.00	
Packer	5.00			4327.00	27.50 Bottom Of Top Packer
Packer	4.00			4331.00	
Stubb	1.00			4332.00	
Recorder	0.00	8675	Inside	4332.00	
Recorder	0.00	8650	Outside	4332.00	
Perforations	12.00			4344.00	
Bullnose	3.00			4347.00	16.00 Bottom Packers & Anchor

Total Tool Length: 43.50



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FLUID SUMMARY

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13-19s-22w Ness,KS
Schwieb 3-13
Job Ticket: 46590 **DST#: 1**
Test Start: 2012.05.21 @ 21:43:01

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 30 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.59 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3300.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

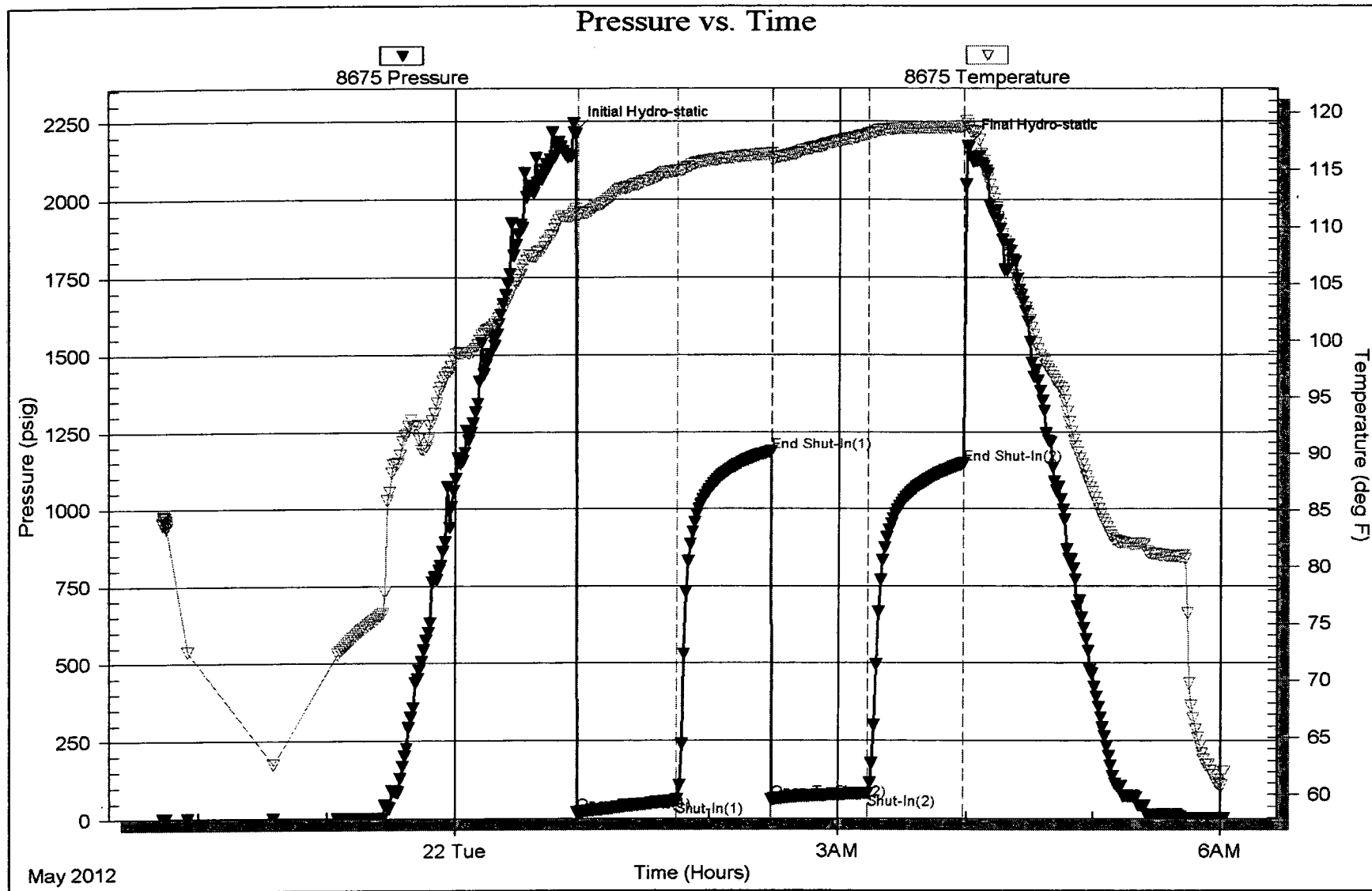
Length ft	Description	Volume bbl
120.00	m 100 m	0.599
30.00	o 100 o	0.421
0.00	60 gjp	0.000

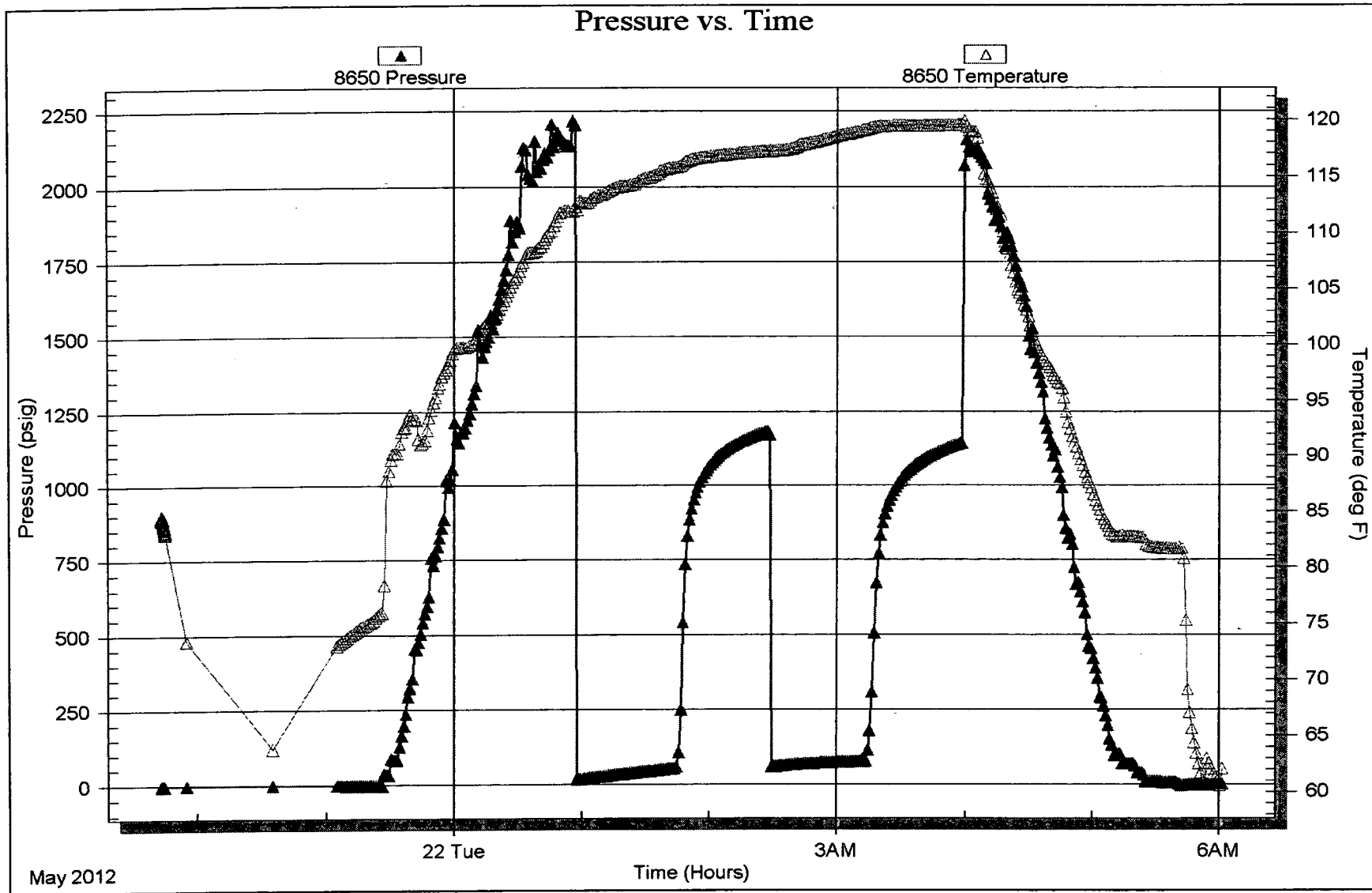
Total Length: 150.00 ft Total Volume: 1.020 bbl

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

Test Ticket

NO. 46590 ✓

Well Name & No. Schwien 3-13 Test No. 1 Date 5-21-12
 Company American warrior inc Elevation 2215 KB 2211 GL
 Address 3118 Cummings RD PO Box 399 Garden City, KS 67846
 Co. Rep / Geo. Jason Alm Rig Perfromark #1
 Location: Sec. 13 Twp. 19 S Rge. 22 W Co. NCS State KS

Interval Tested 4331-4347 Zone Tested MISS
 Anchor Length 16 Drill Pipe Run 4204 Mud Wt. 9.6
 Top Packer Depth 4326 Drill Collars Run 119 Vis: 62
 Bottom Packer Depth 4331 Wt. Pipe Run - WL 7.6
 Total Depth 4347 Chlorides 3,300 ppm System LCM 0

Blow Description Built to 2 inches
NO Return
Built to 3 inches
NO Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>GIP</u>	<u>100%</u>			
<u>30</u>	<u>0</u>	<u>100</u>			
<u>120</u>	<u>M</u>			<u>100</u>	

Rec Total 150 BHT 119° Gravity 30 API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 2,213 Test T-On Location 20:48
 (B) First Initial Flow 21 Jars 250 T-Started 21:43
 (C) First Final Flow 58 Safety Joint 75 T-Open 01:00
 (D) Initial Shut-In 1187 Circ Sub N/C T-Pulled 04:00
 (E) Second Initial Flow 62 Hourly Standby T-Out 06:01
 (F) Second Final Flow 82 Mileage 72 R/A 111.60 Comments _____
 (G) Final Shut-In 1146 Sampler _____
 (H) Final Hydrostatic 2172 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 45 Ruined Shale Packer _____
 Initial Shut-In 45 Ruined Packer _____
 Final Flow 45 Extra Copies _____
 Final Shut-In 45 Sub Total 0
 Total 1686.60
 MP/DST Disc't _____

Sub Total 1686.60

Approved By _____ Our Representative [Signature]

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