



KANSAS CORPORATION COMMISSION 1070421
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 Corsari
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 #: _____
10/12/2011 10/20/2011 11/04/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-135-25191-00-00
Spot Description: _____
W2 SW SE SW Sec. 17 Twp. 19 S. R. 21 East West
330 Feet from North / South Line of Section
1507 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ness
Lease Name: Rachel Well #: 4-17
Field Name: Margheim
Producing Formation: Mississippian
Elevation: Ground: 2259 Kelly Bushing: 2265
Total Depth: 4290 Plug Back Total Depth: 4389
Amount of Surface Pipe Set and Cemented at: 222 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1481 Feet
If Alternate II completion, cement circulated from: 1481
feet depth to: 0 w/ 115 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 26000 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: _____ Date: 12/19/2011



1070421

Operator Name: American Warrior, Inc. Lease Name: Rachel Well #: 4-17
 Sec. 17 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 (Attach Additional Sheets)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name Attached	Top 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 (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			
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	222	Common	150	2% gel, 3% CC
Production	7.875	5.5	15.5	4389	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	0-1481	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 (Amount and Kind of Material Used)	Depth
4	4373-4379		
4	4379.5-4389.5		

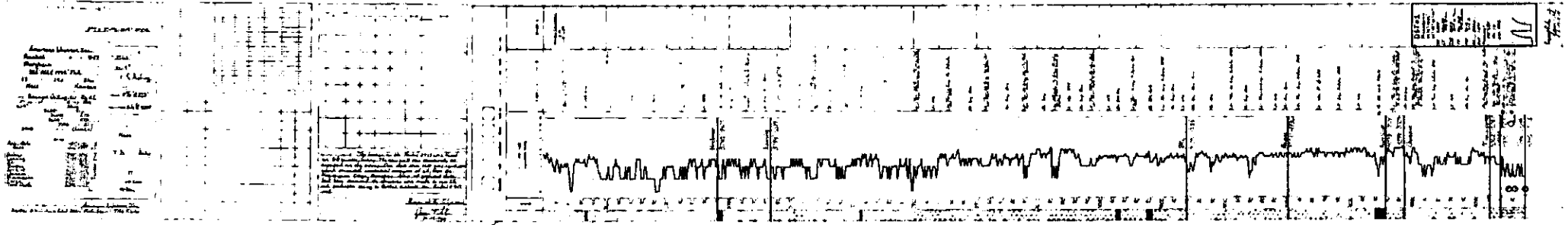
TUBING RECORD:	Size: <u>2.375</u>	Set At: <u>4388</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>11/10/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls. <u>20</u>	Gas Mcf	Water Bbls. <u>5</u>	Gas-Oil Ratio <u>39</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4)	PRODUCTION INTERVAL: <u>4373-4379</u> <u>4379.5-4389.5</u>
	<input type="checkbox"/> Other (Specify) _____	

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Rachel 4-17
Doc ID	1070421

Tops

Anhydrite	1485	780
Heebner	3740	-1475
Lansing	3784	-1519
BKC	4120	-1855
Pawnee	4201	-1936
Ft. Scott	4279	-2014
Cherokee	4294	-2029
Mississippian	4362	-2097
RTD	4390	-2125





CHARGE TO: American Woodrow Inc.
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
 NO. **82282**

PAGE 1 OF 1

SERVICE LOCATIONS: NESS CITY, KS
 WELL/PROJECT NO.: 4-17 LEASE: RACHEL COUNTY/PARISH: NESS STATE: KS CITY:
 DATE: 10-13-11 OWNER: SAME
 CONTRACTOR: PETROMARK DRIG #1 RIG NAME/NO.: SHIPPED VIA: CT DELIVERED TO: LOCATION ORDER NO.:
 WELL TYPE: OEL WELL CATEGORY: DEVELOPMENT JOB PURPOSE: 8 5/8" SURFACE WELL PERMIT NO.: WELL LOCATION: BAZAR, A-5/1000A, 1E, 1S, 6E, A
 INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		LUM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE # 110		25	MC		6.00	150.00
576S		1			PUMP CHARGE		1	DRB	222	1000.00	1000.00
325		1			STANDARD CEMENT		150	SBS		13.50	2025.00
278		1			CALCIUM CHLORIDE		4	SBS	320	40.00	160.00
279		1			BENTONITE GEL		3	SBS	300	25.00	75.00
290		1			D-ADD		2	GM		35.00	70.00
581		1			SERVICE CHARGE COMPLY		150	SBS		2.00	300.00
582		1			MEDIUM DRAZAGE CHARGE		14720	LBS	184	1.70	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

DATE SIGNED: 10-13-11 TIME SIGNED: 2:00 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	4030.00
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					

SWIFT OPERATOR: White Watson APPROVAL:

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 10-13-11 PAGE NO. 1

CUSTOMER AMERICAN WARRIOR TX WELL NO. 4-17 LEASE RACHEL JOB TYPE 8 5/8" SURFACE TICKET NO. 22282

CHART NO.	TIME	RATE (GPM)	VOLUME (BBLS/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2000							ON LOCATION
								TD-223' SET-222
								TP-222' 8 5/8" - 23"
								15' CEMENT LEFT IN CASING
	2200							BREAK CIRCULATION
	2220	6	36.3		✓		150	MIX CEMENT - 150 SWS STANDARD 2% GEL, 3% GEL
	2228	6 1/2	0		✓		300	DISPLACE CEMENT
	2230		13 1/4					CEMENT DISPLACED - SHUT IN
								CIRCULATED 20 SKS CEMENT TO POT
								WASH TRUCK
	2300							JOB COMPLETE
								THANK YOU WAYNE, JEFF, DOUG



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

TICKET
 N° **22339**

PAGE 1 OF 2

SERVICE LOCATION: Ness City KS WELL/PROJECT NO. 4-17 LEASE Rachel COUNTY/PARISH Ness STATE KS CITY Bazine DATE 19 OCT 11 OWNER:
 2. TICKET TYPE SERVICE SALES CONTRACTOR Patrick RIG NAME/NO. 1 SHIPPED Y DELIVERED TO location ORDER NO.:
 3. WELL TYPE o.i WELL CATEGORY Development JOB PURPOSE cement long string WELL PERMIT NO.: WELL LOCATION 17-195-21W
 4. REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			U/M			
575		1			MILEAGE TRK 114	25	mi	6	00	150 00
578		1			Pump Charge	1	ea	1500	00	1500 00
402		1			centralizer	5 1/2	in	5	ea	350 100
403		1			Cement Basket	5 1/2	in	2	ea	250 00
404		1			Pre Collar	5 1/2	in	1	ea	2400 00
406		1			Latch down plug & baffle	5 1/2	in	1	ea	250 00
407		1			Insert Float shoe w/ auto fill	5 1/2	in	1	ea	350 00
419		1			Rotating head rental	5 1/2	in	1	ea	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

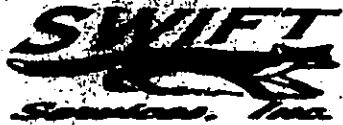
x Patrick Carson
 DATE SIGNED 10-19-11 TIME SIGNED 20:00 P.M.

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?				5236 25
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			TAX
<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. 22339

CUSTOMER American Warrior WELL Radial 4-17 DATE 19 OCT 11 PAGE 2 OF 2

325				Standard Cement (for EA-2)	175 sk		13.50	2362.50
289				cal seal	800 lb	8 sk	35.00	280.00
283				salt	900 lb		0.20	180.00
292				halad-322	125 lb		7.75	968.75
276				Fluocel	50 lb		2.00	100.00
290				D-AIR	2 gal		35.00	70.00
281				nut flush	500 gal		1.25	625.00
221				KCL liquid	2 gal		25.00	50.00
580		1		Drillage (min)	1 cu		2.50	2.50
581		1		SERVICE CHARGE	175		2.00	350.00
				TOTAL WEIGHT	18325	LOADED MILES	25	TON MILES

5236.25

JOB LOG

SWIFT Services, Inc.

DATE NOV 11 PAGE NO.

CUSTOMER American Water WELL NO. 4-17 LEASE Rackel JOB TYPE Cement long string TICKET NO. 22339

CHART NO.	TIME	RATE (GPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sk EA 2 5 1/2" 15.5" casing RTD 4390' total pipe 4393' TBT Collar #69 (1481') shoejt 47.17 Catalizers 1, 2, 3, 4, 6, 8 Basket 5, 6, 9 plug back 4351'
1625	1435							on loc TRK 114
1630	1430							start 5 1/2" 15.5" casing in well
	1845							Drop ball - circulate - ROTATE
	1910		12					PUMP 500 gal MUDFLUSH
			20					Pump 20 bbl KCl flush
	1920		7					Plug RH - 30 SKS
	1930	4 1/4	43			250 250		mix EA-2 1455 @ 15.3 PPG
	1945							Drop latch down plug wash pump & lines
	1948	6 3/4				*	Ø	Displace plug
		10 3/4	100				900	
	2000	6 3/4	114				150	LAND plug
								Release pressure to truck - dried up
	2005							wash truck Rack up
	2040							job complete Thanks Rhine, David & Dave.



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

TICKET
 N° **22400**
 PAGE 1 OF 1

SERVICE LOCATIONS: 1. **NESS CITY, KS**
 WELL/PROJECT NO.:
 LEASE: **RACHEL 4-17** COUNTY/ADJAC: **NESS** STATE: **KS** CITY: **BAZINE, KS.** DATE: **26 OCT 11** OWNER:
 2. TICKET TYPE: SERVICE SALES CONTRACTOR: **HD OXFIELD SERV.** RIG NAME/NO.:
 3. WELL TYPE: **OIL** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **CEMENT PORT COLLAR** SHIPPED VIA: **LOCATION** DELIVERED TO: **LOCATION** ORDER NO.:
 4. REFERRAL LOCATION: INVOICE INSTRUCTIONS: **WELL PERMIT NO. WELL LOCATION 3S, 1E, 15 1/4 E. N.T.**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.	UM	
575					MILEAGE #110	20	ML	6	120	120.00
576D					Pump CHARGE	1	508	1481	1250	1250.00
105					PORT COLLAR OPENING TOOL	1	1088	350	350	350.00
276					FLOCELE	30	16	2	60	60.00
290					D-AIR	1	1/2	35	52	52.00
330					SWIFT MULTI DENSITY	115	SX	16	1897	1897.50
581					SERVICE CHARGE CEMENT	175	SX	2	350	350.00
582					MINIMUM DRAGAGE	17384	163	173.84	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: **26 OCT 11** TIME SIGNED: **1700** 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

7.55 TAX @ 16.3% 148.68
 TOTAL 4478.68

SWIFT OPERATOR: **John E. Reddy** APPROVAL:

Thank You!

Geological Report

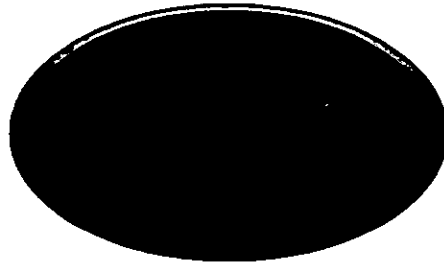
American Warrior, Inc.

Rachel #4-17

335' FSL & 1495' FWL

Sec. 17 T19s R21w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Rachel #4-17
335' FSL & 1495' FWL
Sec. 17 T19s R21w
Ness County, Kansas
API # 15-135-25191-0000

Drilling Contractor: Petromark Drilling, LLC Rig # 1

Geologist: Jason Alm

Spud Date: October 12, 2011

Completion Date: October 20, 2011

Elevation: 2259' Ground Level
2265' Kelly Bushing

Directions: Bazine KS, 2.5 mi. South on DD rd. 1 mi. East on
100 rd. 1 mi. South on EE rd. ¼ mi. East on 90 rd.

Casing: 223' 8 5/8" surface casing
4389' 5 1/2" production casing

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

Drilling Time: 3600' to RTD

Electric Logs: None

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

Problems: None

Remarks: None

Formation Tops

	American Warrior, Inc.
	Rachel #4-17
	Sec. 17 T19s R21w
	335' FSL & 1495' FWL
Formation	
Anhydrite	1485', +780
Base	1516', +749
Heebner	3740', -1475
Lansing	3784', -1519
BKc	4120', -1855
Pawnee	4201', -1936
Fort Scott	4279', -2014
Cherokee	4294', -2029
Mississippian	4362', -2097
Osage	4370', -2105
RTD	4390', -2125

Sample Zone Descriptions

Mississippian Osage (4370', -2105): Covered in DST #1

Dolo - Δ - Fine sucrosic crystalline with fair vuggy and scattered inter-crystalline porosity, heavy trip chert, weathered with fair to good vuggy porosity, light to good oil stain and saturation, show of free oil, good odor, bright yellow cut fluorescents, 43 units hotwire.

Drill Stem Tests
 Trilobite Testing, Inc.
 "Jason McLemore"

DST #1

Mississippian Osage

Interval (4372' - 4382') Anchor Length 10'

IHP	- 2188 #	
IFP	- 45" - B.O.B. 27 min.	20-68 #
ISI	- 45" - Built to ¼ in.	1015 #
FFP	- 45" - B.O.B. 30 min.	100-95 #
FSI	- 45" - W.S.B.	950 #
FHP	- 2047 #	
BHT	- 118°F	

Recovery:	195' GIP	
	105' CO	Gravity: 41°API
	120' MCO	85% Oil

Structural Comparison

	American Warrior, Inc. Rachel #4-17 Sec. 17 T19s R21w 335' FSL & 1495' FWL	American Warrior, Inc. Rachel #1-17 Sec. 17 T19s R21w 1375' FSL & 2020' FWL		American Warrior, Inc. Rachel #2-17 Sec. 17 T19s R21w 615' FNL & 1450' FWL	
Formation					
Anhydrite	1485', +780	1457', +783	(-3)	1433', +771	(+9)
Base	1516', +749	1490', +750	(-1)	1465', +739	(+10)
Heebner	3740', -1475	3708', -1468	(-7)	3686', -1482	(+7)
Lansing	3784', -1519	3753', -1513	(-6)	3731', -1527	(+8)
BKc	4120', -1855	NA	NA	4052', -1848	(+7)
Pawnee	4201', -1936	4168', -1928	(-8)	4138', -1934	(-2)
Fort Scott	4279', -2014	4246', -2006	(-8)	4216', -2012	(-2)
Cherokee	4294', -2029	4262', -2022	(-7)	4234', -2030	(+1)
Mississippian	4362', -2097	4338', -2098	(+1)	4304', -2100	(+3)
Osage	4370', -2105	NA	NA	NA	NA

Summary

The location for the Rachel #4-17 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 Rachel #4-17 well.

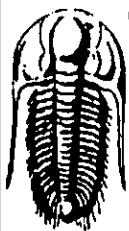
Recommended Perforations

Primary:

Mississippian Osage: (4370' – 4385') DST #1

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.

17-19s-21w-Ness

PO Box 399
Garden City, KS. 67846

Rachel #4-17

Job Ticket: 44676

DST#: 1

ATTN: Jason Alm

Test Start: 2011.10.19 @ 00:55:27

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:09:57

Time Test Ended: 08:53:42

Test Type: Conventional Bottom Hole (Initial)

Tester: Jason McLemore

Unit No: 54

Interval: 4372.00 ft (KB) To 4382.00 ft (KB) (TVD)

Reference Elevations: 2265.00 ft (KB)

Total Depth: 4382.00 ft (KB) (TVD)

2259.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 6.00 ft

Serial #: 8673

Inside

Press@RunDepth: 94.90 psig @ 4374.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.19 End Date: 2011.10.19

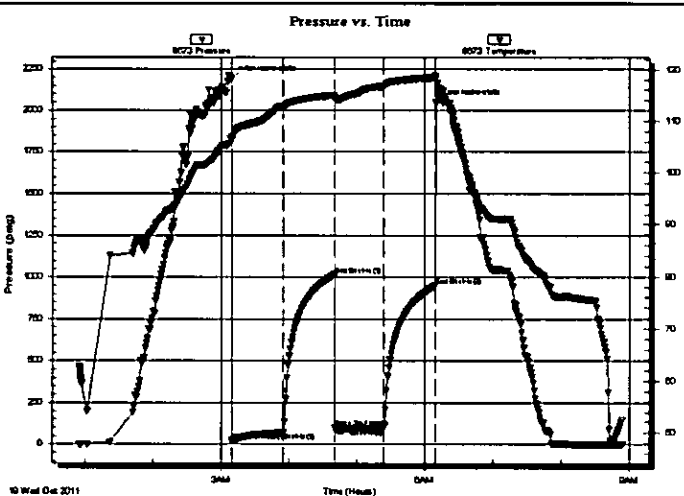
Last Calib.: 2011.10.19

Start Time: 00:55:29 End Time: 08:53:42

Time On Btm: 2011.10.19 @ 03:09:27

Time Off Btm: 2011.10.19 @ 06:09:57

TEST COMMENT: IFP-Fair Blow ,BOB in 27 Min.
IS-Blow back Built to 1/4" in 15 Min.,Died Back to Surface
FFP-Fair Blow , BOB in 30 Min.
FSI-Surface Blow back for 10 Min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2188.07	106.84	Initial Hydro-static
1	20.86	106.38	Open To Flow (1)
46	68.88	112.74	Shut-In(1)
91	1014.50	114.98	End Shut-In(1)
92	100.07	114.46	Open To Flow (2)
135	94.90	116.78	Shut-In(2)
181	950.26	118.43	End Shut-In(2)
181	2047.67	118.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Muddy Oil-85%O-15%M	0.60
105.00	Free Oil	1.47
0.00	195' Gas In Pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

17-19s-21w-Ness
Rachel #4-17
Job Ticket: 44676 **DST#: 1**
Test Start: 2011.10.19 @ 00:55:27

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 41 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.81 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 7600.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Muddy Oil-85%O-15%M	0.599
105.00	Free Oil	1.473
0.00	195' Gas In Pipe	0.000

Total Length: 225.00 ft Total Volume: 2.072 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

