# KANSAS CORPORATION COMMISSION ORIGINAL OIL & GAS CONSERVATION DIVISION ORIGINAL

Form ACO-1 October 2008 Form Must Be Typed

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #4058	API No. 15 - 135-24945 -0000
Name: American Warrior, Inc.	Spot Description:
Address 1: PO Box 399	SW_NW_SW_SW_Sec. 32 Twp. 18 S. R. 22 East  West
Address 2:	790 Feet from North / South Line of Section
City: Garden City State: KS Zip: 67846 + 0399	
Contact Person: Scott Corsair	Footages Calculated from Nearest Outside Section Corner:
Phone: (785) 398-2270	□NE □NW □SE ☑SW
CONTRACTOR: License # 31548 RECEIVED	County: Ness
Name: Discovery Drilling	Lease Name: City of Bazine Well # 1
Wellsite Geologist: Jason Alm JAN 2 5 2010	Field Name: Bazine
Purchaser: NCRA	Producing Formation: Mississippian
Purchaser: NCRA  Designate Type of Completion:	Elevation: Ground: 2173' Kelly Bushing: 2181'
New Well Re-Entry Workover	Total Depth: 4280' Plug Back Total Depth: 4279'
Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at: 266 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?  Yes No
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set: 1378 Feet
Dry Other(Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from: 1378
If Workover/Re-entry: Old Well Info as follows:	feet depth to: surface w/ 160 sx. cmt.
Operator:	Drilling Fluid Management Plan
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: 16000 ppm Fluid volume: 240 bbls
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used: Evaporation
Plug Back:Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Docket No.:	Location of hald disposal if flattice offsite.
Dual Completion	Operator Name:
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
08/27/2009 09/1/2009 10/09/2009	QuarterSecTwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workover or coof side two of this form will be held confidential for a period of 12 months if rectiality in excess of 12 months). One copy of all wireline logs and geologist we BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 for	
are complete and correct to the best of my knowledge.	he oil and gas industry have been fully complied with and the statements herein
Signature:	KCC Office Use ONLY
Title: Petroleum Engineer Date: 01/15/2010	Letter of Confidentiality Received
Subscribed and sworn to before me this 15th day of January	, If Denied, Yes Date:
20 10 . ( )	Wireline Log Received
A MOTARY PUR	BLIC - State of Kansas Geologist Report Received
Notary Public: 1/1/00/1/1/00/	ISE CORSAIR UIC Distribution
Date Commission Expires: 8-15-13	Exp. 8-15-12

#### Side Two

Operator Name: Am	erican Warrior, Inc	•	Lease I	Name: _	City of Bazine		Well #: <u>1</u>	
Sec. 32 Twp. 1	8 S. R. 22	☐ East 🗸 West	County	, Ness	i			•
time tool open and cle	osed, flowing and shu es if gas to surface te	d base of formations per t-in pressures, whether s st, along with final chart report.	shut-in pres	sure rea	ched static level,	hydrostatic pre	essures, bottom l	hole temperature, fluid
Drill Stem Tests Taker		✓ Yes		<b>√</b> L	og Formatio	n (Top), Depth	and Datum	Sample
Samples Sent to Geo	•	☐ Yes ☑ No		Nam Anhy			Тор 1407	Datum +774
Cores Taken Electric Log Run (Submit Copy)		☐ Yes   ✓ No ✓ Yes   ☐ No		Heeb	ner		3636 3683	-1455 -1502
List All E. Logs Run:				BKC Ft. S	cott		4008 4164	-1827 -1983
	•	ensated Porosity Compensated S		Cher			4182 4248	-2001 -2067
		CASING Report all strings set-	RECORD	√ Ne				
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig	ght	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	23		266'	Common	165	2% gel 3% CC
Production	7 7/8"	5 1/2"	15.5		4279'	EA-2	175	
		ADDITIONA	L CEMENTII	NG / SQL	JEEZE RECORD			
Purpose: Perforate Protect Casing	Depth Top Bottom Surface-1378	Type of Cement SMD	#Sacks				d Percent Additives	5
Plug Back TD Plug Off Zone								
Shots Per Foot	PERFORATI Specify	ON RECORD - Bridge Plu Footage of Each Interval Pe	gs Set/Type rforated			cture, Shot, Cem mount and Kind of	ent Squeeze Recor Material Used)	rd Depth
4	4268.5-4278.5						<del></del>	
							<u> </u>	
						<u> </u>		
TUBING RECORD:	Size: 3/8"	Set At: 4260'	Packer A NA	t:	Liner Run:	Yes 🗸	No	
Date of First, Resumed 10/092009	Production, SWD or En	hr. Producing Med	_	Flowin	g V Pumpi	ng 🗌 Gas	Lift Oth	ner (Explain)
Estimated Production Per 24 Hours	Oil 30	Bbls. Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio	Gravity 40
DISPOSITI	ON OF GAS:		METHOD OF	COMPLI	ETION:		PRODUCTI	ON INTERVAL:
Vented Solo	d Used on Lease	Open Hole Other (Specify)	✓ Perf. [	- A268 5-4278 5' Perf				

SWIF	7
Services, I	S nc.
	WELL/PRO
	TICKET TY

3	
	CHARGE TO A Merican Warrior
	ADDRESS
	CITY, STATE, ZIP CODE
	LEASE I COUNTY/PARISH TETATE TOUR

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Nº 17082

Services,	Inc.								PAGE 1	OF
SERVICE LOCATIONS  1. AUCT S S  2.  3.  4. REFERRAL LOCATION	TICKET TYPE CO DI SERVICE DI SERVICE DI SALES WELL TYPE	DNTRACTO 1-1 - L	R DOLI WELL C		RIG NAME/NO.	STATE  SHIPPED  VIA	Ner: C		G-G-G-G-G-G-G-G-G-G-G-G-G-G-G-G-G-G-G-	MER
PRICE SECONE TFERENCE PA	INVOICE INSTRUC DARY REFERENCE/ ART NUMBER		COUNTING ACCT DF		DESCRIPTION		QTY. UM	ату. Гил	UNIT	AMOUNT
575 576D				MILEAGE Trk#	010	Nar	70 mi		1100	100 00
581 582				Selvice M.	Charge C.	ment	175 sk		1 2	- 26 6 29
330				Swift Mu	Hun-Bensity	Handing.	11.0 sts		250	250
276 290				D-Air			44 lbs	Property of the Park of the Pa	35	35
<u>105</u>				Port Call	ar Toul Kentu	Winn	l ea		300	300
							RECEIVED			
LEGAL TERMS: Customer h				BENITE		şý(	BY WICH	ace UN- I	NS- REE	
the terms and conditions on the but are not limited to, PAYMI LIMITED WARRANTY provided the standard of the standard of work or delivery of go date signed	ë reversë side her ENT, RELEASE, I sions. Justomer's agent pr	of which	include,	SWIFT SEF P.O. E NESS CIT	YMENT TO: RVICES, INC. BOX 466 Y, KS 67560 98-2300	OUR EQUIPMENT WITHOUT BREAK WE UNDERSTOO MET YOUR NEED OUR SERVICE W. PERFORMED WIT WE OPERATED TAND PERFORME GALCULATIONS SATISFACTORILY	I PERFORMED (DOWN? DD AND DS? AS THOUT DELAY? THE EQUIPMENT D JOB		TAX TOTAL	435350

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

785-798-2300

CUSTOMER DID NOT WISH TO RESPOND

SWIFT OPERATOR 3/84

APPROVAL

Thank You!

TOTAL

JOB L			The second se				4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -	ices, Inc. Date 9-4-09 Page no
AME!	Lein W.	cresse	WELL NO.	#1,N.S.	To place	LEASE City o	AB.	JOB TYPE Port Coller TICKET NO.
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMI	PS C	PRESSUR TUBING	RE (PSI) 	DESCRIPTION OF OPERATION AND MATERIALS
								248 x 5 1/2
								PCW 1378'
<u> </u>								
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- 					/			
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			O. 1		2 (1) 1 (1) 2 (1)			Heavy up Crement 14.0ppg
					11.1 11.5			160sks Total 15skstopit Start Displacement
					, 1 m			WIND MISSISCE MONT
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	1015						chap fay a chap Tan Tan Tan	Jab Complete
	<u> </u>							
								Thank you
	-				+			Biett, Dave, + Wason
		<u> </u>						

SI	VIFT	7	CHARGE TO:	An	ner.ea. W			TICKET	079
Service Locations 1. U.C.S. 2. 3. 4. REFERRAL LOCATION	TICKET TYPE C	io. Ontract D ( s	TOR	ASE	COUNTYPARISH STATE OF Bazine Ness KS	DELIVERED TO WELL PERMIT NO.		DATE OW GROWN ORDER NO.  WELL LOCATION Brace 25 1	OF   Z NER <u>E V.N Niafo</u>
PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	LOC	ACCOUNTIN ACCT	G DF	DESCRIPTION	QTY. U/i		UNIT	AMOUNT
Q75		1			MILEAGE Tr K# 114	20 m		A PRICE 5 CC	/ao ==
578		1			Pump Charac Longstring	1 e		1400	1400 99
402		1			Centralizer	5 e	5/11	55 PS	215 PS
403		1			Cement Busket	21.	5/1"	180 000	360
404		1			Part Collar	Ik	51/1/	1900 00	1900 99
406		1			Latur Downfluat Baffle	1 2		225 99	225134
407		1			Insert Float Shoe WHaloFill	11,	51/1	275 99	275
419				عراب والم	Rotatina Head Kental	1 e	. 51/2/1	150 P	15050
7.7.1					Light KCL	2 64		25 64	- 50100
281		1		a Period	Mud Flush RECEIVED	500 6			500 55
790		1			D-A: IAN 2 5 2010			35 👺	35 69
					LALVALITY VIII (L. 11 ) VIII - 15 - 15 - 15 - 15 - 15 - 15 - 15 -				
the terms and cond	Customer hereby acknowled itions on the reverse side he to, PAYMENT, RELEASE,	reof whi	ch include	),	REMIT PAYMENT TO:  OUR EQUIPMENT WITHOUT BREAK WE UNDERSTOOL	T PERFORMED (DOWN? DD AND	AGREE DECIDED AG	PAGE TOTAL	5270 00
LIMITED WARRA					SWIFT SERVICES, INC.    MET YOUR NEED OUR SERVICE WE PERFORMED WITH	AS		$- h_{\rm se} ^{\mu}$ 2	3691100
START OF WORK OR BEL	Mi	RIOR TO			P.O. BOX 466  WE OPERATED AND PERFORMS CALCULATIONS SATISFACTORIL	THE EQUIPMENT D JOB	NOE2	TAX	
DATE SIGNED	TIME SIGNED	MER AC	P.M.		785-798-2300	TYES STOMER DID NOT WI	I NO SH TO RESPOND	TOTAL	

Thank You!

SWIFT OPERATOR Drett Corser

APPROVAL



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ώ.

PO Box 466

TICKET CONTINUATION

No. 17079

Ness City, KS 67560 CUSTOMER American Werror WELL O! DATE - 2-09 Off: 785-798-2300 SECONDARY REFERENCE/ CACCOUNTING PRICE ... TIME UNIT PRICE DESCRIPTION AMOUNT REFERENCE DF: QTY. UZA CTY: U/M -015 900 116 101% SERVICE CHARGE CUBIC FEET MitteAge TOTAL WEIGHT CHARGE 83 C LOADED MILES TON MILES 250 CONTINUATION TOTAL

SWIFT Services, Inc. **JOB LOG** Customer . Ansericen Warrier cof Barry Coment Longstring WELL NO. VOLUME (BBL) /GAL DESCRIPTION OF OPERATION AND MATERIALS TD 4280 TJts- 103 Out 95,105 TP 4282' Cent 1, 2,3,4,69 (Spoy279' Basket-5,70 1530 On Location Start Casing 1600 Book Circulation 400 Pump Mud + KCL Flushes 1836 Plus Ret Hole 30sks 1840 400 Start Cement 15.5ppg 145 shs Shut Down - Wash Purp lines - Refearables 250 Start Displacement 400 Catch Cement-750 Max Lift 1500 Land Plug-Retrase Held 100.9 1920 1949 Job Complete Brott Dovet Lane



CHARGE TO:	w.ex.	
Mercan	Warrior	
ADDRESS		 
19		- 1

TICKÉT :

Nº 16997

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Services, Inc.	CITY, STATE, ZIP C	ODE				PAGE	OF L
SERVICE LOCATIONS  1. / )  2. TICKET TYPE CONTURE SALES  WELL TYPE  REFERRAL LOCATION INVOICE INSTRUCTION	fir per	COUNTY/PARISH RIG NAME/NO.  ATEGORY JOB PURPOSE	1	DELIVERED TO  WELL PERMIT NO.		DATE ON ORDER NO.	MNER
PRICE SECONDARY REFERENCE/ REFERENCE PART NUMBER	ACCOUNTING OC ACCT DF	DESCRIPTION		QTY. U/M	QTY. UM	UNIT.	AMOUNT
576S		MILEAGE 1/K 11/1		20	U/M	PAGE C	100
581		Service Chara Commit	14.	165 0		750	750 <sup>29</sup> 247 <sup>29</sup>
325		Min man Draigage inhum		1 eu		250 5	250
278				165 x		35	175
279 290		Bentinte Gel		3/4	2/	20 <del>°</del>	60 KG
		RECEI	VED				
LEGAL TERMS: Customer hereby acknowledges the terms and conditions on the reverse side hereof but are not limited to, PAYMENT, RELEASE, INCLIMITED WARRANTY provisions.	vhich include,	WE UN	OUIPMENT UTBRIAGO DERSTOOD OUR NEEDS	PERFORMED DOWN? DAND PAND	E DIN- DIS	PAGE TOTAL	3432 SC
MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR START OF WORK OR DELIVERY OF GOODS  X DATE SIGNED  TIME SIGNED	O -⊡-A.M.:	P.O. BOX 466  NESS CITY NO 67560	ERATED THE REFORMED LATIONS ACTORILY? DU SATISFIE	HOUT DELAY?  JOB  DOWNTH OUR SERVICE?	] NO	TAX	

APPROVAL

	•		WELL NO.					LICES, INC. DATES 7 PAGE 1 TICKET NO
<del>',</del>	rican	Warrier		I Bun	•••	C1+3	of 130	azine Coment Surface Ticket No. 16997
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUN	C	PRESSUF TUBING	CASING	
<del></del>						ļ : <u>-</u>		878 23#
								TDEGG
· · · · · ·							<u> </u>	B62451
			1.					
	2200		· · · · · · · · · · · · · · · · · · ·	1	3 3			OnLocation
<u> </u>								
• .	2 6 15							Start Casing
	0300							
	2140		<u> </u>					Breek Circulation
	2250						(5:52	
	Caro	5	5				150	Pump Water Space
	1.52	4%					100	CI IC III > Va
4 V <sub>2</sub>	<i>2.7L</i>	7//		6			150	Start Coment 14. 7ppg 1655
J. 12.8			40					Shut Down-ReleasePlus
7			70					Shul Down-Neltasellus
		5	<u> </u>	1			100	Start Displacement
				-		;	100	Start Wispiacewant
		5	0			1	300	Cement to Surface
								comen's resurrece
								30sks to pit
	2300		16			1 /	390	Shut Down-Shutin
				7				
	6710							Wash Truck
	130							Job Complete
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A. Carlo

# **Geological Report**

American Warrior, Inc.

City of Bazine #1
790' FSL & 113' FWL
Sec. 32 T18s R21w
Ness County, Kansas



TC MESSON

American Warrior, Inc.

#### **General Data**

Well Data:

American Warrior, Inc.

City of Bazine #1

790' FSL & 113' FWL Sec. 32 T18s R21w Ness County, Kansas API # 15-135-24945-0000

**Drilling Contractor:** 

Discovery Drilling Co., Inc. Rig #3

Geologist:

Jason Alm

Spud Date:

August 28, 2009

Completion Date:

September 2, 2009

Elevation:

2173' Ground Level

2181' Kelly Bushing

Directions:

Bazine KS, intersection of Main St. and Hwy 96, South to Burgess St. East on Burgess across old bridge, and South to EE rd. South 1/8 mi. North into

Location.

Casing:

266' 8 5/8" surface casing

4279' 5 1/2" production casing

Samples:

10' wet and dry, 3500' to RTD

**Drilling Time:** 

3500' to RTD

Electric Logs:

Log-Tech, Inc. "Kenyon Bange"

CNL/CNL, DIL, MEL, BHCS

Drillstem Tests:

One, Trilobite Testing, Inc. "Ray Schwager"

Problems:

None

Remarks:

None

# **Formation Tops**

	American Warrior, Inc.
	City of Bazine #1
	Sec. 32 T18s R21w
Formation	790' FSL & 113' FWL
Anhydrite	1407', +774
Base	1442', +739
Heebner	3636', -1455
Lansing	3683', -1502
BKc	4008', -1827
Pawnee	4088', -1907
Fort Scott	4164', -1983
Cherokee	4182', -2001
Mississippian	4248', -2067
Osage	4266', -2085
LTD	4280', -2099
RTD	4279', -2098

# **Sample Zone Descriptions**

#### **Cherokee Sand**

(4186', -2005):

**Not Tested** 

Ss – Few random quartz grains, barren, no fluorescents, 28 units hotwire.

## Mississippian Osage (4266', -2085):

**Covered in DST #1** 

Dolo –  $\Delta$  – Fine sucrosic crystalline with poor vuggy and pinpoint vuggy porosity, heavy chert, triptolitic, weathered with fair to good vuggy porosity, light to heavy oil stain and saturation, good show of free oil, good odor, bright yellow cut fluorescents, 86 units hotwire.

## **Drill Stem Tests**

Trilobite Testing, Inc. "Ray Schwager"

## DST #1 <u>Mississippian Osage</u>

Interval (4266' - 4279') Anchor Length 13'

IHP -2175#

IFP - 10" - B.O.B. 3 min. 56-121 #
ISI - 30" - Built to 8 in. 1285 #
FFP - 10" - B.O.B. on open 133-211 #
FSI - 30" - Built to 4 in. 1275 #

FHP - 2097 # BHT - 115°F

Recovery: 525' GIP

372' CGO Gravity: 39° API

124' MCO 60% Oil

30' O&GCWM 10% Oil, 30% Water

# **Structural Comparison**

	American Warrior, Inc.	American Warrior, Inc.		American Warrior, Inc.	
,	City of Bazine #1	V. Strecker #3-6		V. Strecker #1-31	
	Sec. 32 T18s R21w	Sec. 6 T19s R21w		Sec. 31 T18s R21w	
Formation	790' FSL & 113' FWL	450' FNL & 335' FEL		510' FSL & 1510' FEL	
Anhydrite	1407', +774	1421', +774	(FL)	1364', +769	(+5)
Base	1442', +739	1455', +740	(-1)	1396', +737	(+2)
Heebner	3636', -1455	3651', -1456	(+1)	3594', -1461	(+6)
Lansing	3683', -1502	3698', -1503	(+1)	3638', -1505	(+3)
BKc	4008', -1827	4021', -1826	(-1)	3960', -1827	(FL)
Pawnee	4088', -1907	4101', -1906	(-1)	4042', -1909	(+2)
Fort Scott	4164', -1983	4180', -1985	(+2)	4123', -1988	(+5)
Cherokee	4182', -2001	4196', -2001	(FL)	4140', -2007	(+6)
Mississippian	4248', -2067	4268', -2073	(+6)	4209', -2076	(+9)
Osage	4266', -2085	4278', -2083	(-2)	4224', -2091	(+6)

## **Summary**

The location for the City of Bazine #1 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 examined the decision was made to run 5 1/2 inch production casing to further evaluate the City of Bazine #1 well.

#### **Recommended Perforations**

Primary:

Mississippian Osage: (426

(4266' – 4275')

**DST #1** 

Secondary:

Cherokee Sand:

(4186' - 4193')

**Not Tested** 

Respectfully Submitted,

Jason Alm Hard Rock Consulting, Inc.



# RILOBITE ESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

# **Test Ticket**

NO. 35425

10/08 11/08 11/09	5, Nansas 67 66 1	· ·	· · · · · · · · · · · · · · · · · · ·	
Well Name & No. CITY of BAZI	ルe ゼ// Test N	vo/	Date 9-/-0	9
Company AMERICAN WARRIO	R Inc Eleva	tion 2181	_кв <u>2173</u>	GL.
Address P.O. Box 399 GARde	1 (ITy Ko 678	'46		•
Co. Rep/Geo. JASUN Alm	Rig	DISCOUPR	4 1193	
Location: Sec. 32 Twp. 185		N 655	State	
nterval Tested 4266 - 4279	Zone Tested	55		
Anchor Length	Drill Pipe Run <u> </u>	10 .	Mud Wt. <u>9 . /</u>	
Top Packer Depth 4261	Drill Collars Run30		Vis60	· · · · · · · · · · · · · · · · · · ·
Bottom Packer Depth 4266	Wt. Pipe Run		NL 9.2	·
Fotal Depth 4279	Chlorides	ppm System L	_CM	· 
^ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	TO STRONGIN 3	BMIN	·	
_ /	3 Blow Thru-ow	9		·
- 11 A1 /	ow BACK			
FSIP-4"Blo	ow BACK			
Rec525_ Feet of GIP	%g	as %oil	%water	%mud
Rec322_ Feet ofCO	%g	as %oil	%water	%mud
Rec 124 Feet of MGO	30 %g	as 💪 🖰 ‰il	%water /	<u> </u>
Rec30 Feet of _0=16C_W/Y	10 %g	as / <i>O</i> %oil	3 C%water 5	<u>⊘%mud</u>
Rec Feet of	%g	as %oil	%water	%mud
Rec Total 526 BHT 115	_ Gravity_ <u>39</u> API RW_	,43 <u>@ 60</u> °F	Chlorides 1 8000	<u>&gt;ppm</u>
A) Initial Hydrostatic 2080	☑ Test		eation <u>203</u> 0	
B) First Initial Flow 56	Jars	T-Started		
C) First Final Flow /2/	Safety Joint	 T-Open	2310	
D) Initial Shut-In/285	☐ Circ Sub	T-Pulled _	0030	·
E) Second Initial Flow	☐ Hourly Standby	T-Out	6318	<del></del> .
F) Second Final Flow210	Mileage 100 RT	Commen	ts	<del></del> .
G) Final Shut-In	□ Sampler			<del></del>
H) Final Hydrostatic 2063	□ Straddle □			
	☐ Shale Packer S	<del></del>		
nitial Open/ O	□ Extra Packer ♀ ♀	$\mathcal{O}_{i}$	ed Shale Packer	
nitial Shut-In 30	□ Extra Recorder		ed Packer	•
Final Flow	<b>2 6 6</b>	<b>.</b>	Copies	
Final Shut-In 30	□ Day Standby			
mai Shuchi	□ Accessibility Sub Total	Total		(Ank
oproved By	Our Represent	ative RALL	WACER	404
	Cui i lopi coont			

Approved By Our Representative Nay Law AGER 400 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.



## DRILL STEM TEST REPORT

American Warrior Inc

City Of Bazine #1

PO Box 399

32-18s-21w Ness

Garden City Ks 67846

ATTN: Cecil O'Brate

Job Ticket: 35425

Test Start: 2009.09.01 @ 21:23:21

#### GENERAL INFORMATION:

Time Tool Opened: 23:06:16

Time Test Ended: 03:18:15

Formation:

Miss

Deviated:

No Whipstock: ft (KB)

Test Type:

Conventional Bottom Hole

Tester:

Ray Schwager

Unit No:

42

4266.00 ft (KB) To 4279.00 ft (KB) (TVD)

Interval: Total Depth:

4279.00 ft (KB) (TVD)

Reference Elevations:

2181.00 ft (KB) 2173.00 ft (CF)

Hole Diameter:

7.85 inches Hole Condition: Fair

KB to GR/CF:

8.00 ft

**DST#:1** 

Serial #: 8365

Press@RunDepth:

Inside

210.94 psig @

4267.01 ft (KB)

Capacity:

7000.00 psig

Start Date:

2009.09.01

End Date:

2009.09.02

Last Calib.:

2009.09.02

Start Time:

21:23:21

End Time:

03:18:15

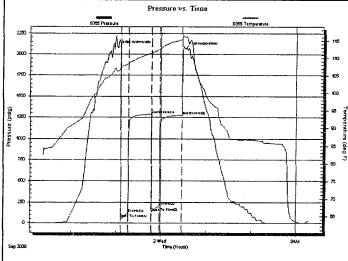
Time On Btm:

Time Off Btm:

2009.09.01 @ 23:02:46 2009.09.02 @ 00:31:46

TEST COMMENT: IFP-wk to strg in 3 min

FFP-stra bl thru-out Times 10-30-10-30 ISIP-8"bl bk , FSIP-4"bl bk



#### PRESSURE SUMMARY

		120001	C SOMMAN
Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2080.47	106.28	Initial Hydro-static
4	56.39	106.11	Open To Flow (1)
14	121.45	108.42	Shut-ln(1)
45	1285,90	111.45	End Shut-In(1)
45	133.39	111.20	Open To Flow (2)
56	210.94	112.51	Shut-ln(2)
85	1275.98	115.25	End Shut-In(2)
89	2063.47	116.12	Final Hydro-static
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	(Min.) 0 4 14 45 45 56 85	Time (Min.) (psig) 0 2080.47 4 56.39 14 121.45 45 1285.90 45 133.39 56 210.94 85 1275.98	Time (Min.) (psig) (deg F) 0 2080.47 106.28 4 56.39 106.11 14 121.45 108.42 45 1285.90 111.45 45 133.39 111.20 56 210.94 112.51 85 1275.98 115.25

#### Recovery

Length (ft)	Description	Volume (bbl)
30.00	O&GCWM 10%G10%O30%W50%M	0.15
124.00	MGO 30%G10%M60%O	1.74
372.00	ω	5.22
0.00	525'GIP	0.00

#### Gas Rates

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Trilobite Testing, Inc

Ref. No: 35425

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