



KANSAS CORPORATION COMMISSION 1113191
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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

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 #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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: _____



1113191

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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:
 Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Reidel North 'A' 2
Doc ID	1113191

All Electric Logs Run

CNL/CDL
DIL
MEL
BHCS

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Reidel North 'A' 2
Doc ID	1113191

Tops

Name	Top	Datum
Anhy	1561'	+725
B/Anhy	1604'	+682
Topeka	3284'	-998
Heebner	3529'	-1243
Lansing	3570'	-1284
B/KC	3814'	-1528
Gorham Sand	3886'	-1600
Arbuckle	3892'	-1606

Geological Report

American Warrior, Inc.
Reidel North A #2
800' FNL & 2261' FWL
Sec. 6 T14s R21w
Ellis County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Reidel North A #2
800' FNL & 2261' FWL
Sec. 6 T14s R19w
Ellis County, Kansas
API # 15-051-26457-0000

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

Geologist: Jason T Alm

Spud Date: January 6, 2013

Completion Date: January 12, 2013

Elevation: 2278' Ground Level
2286' Kelly Bushing

Directions: Ellis KS, South on Ellis Blacktop to Lake Rd. East
4 1/2 mi. South into location.

Casing: 221' 8 5/8" surface casing
4001' 5 1/2" production casing

Samples: 10' wet and dry, 3250' to RTD

Drilling Time: 3150' to RTD

Electric Logs: Log-Tech, Inc. "Daylan Kerr"
CNL/CDL, DIL, MEL, BHCS

Drillstem Tests: Two, Trilobite Testing, Inc. "Ray Schwager"

Problems: None

Remarks: None

Formation Tops

Formation	American Warrior, Inc. Reidel North A #2 Sec. 6 T14s R19w 800' FNL & 2261' FWL
Anhydrite	1561', +725
Base	1604', +682
Topeka	3284', -998
Heebner	3529', -1243
Toronto	3549', -1263
Lansing	3570', -1284
BKc	3814', -1528
Gorham	3886', -1600
Arbuckle	3892', -1606
LTD	4002', -1716
RTD	4000', -1714

Significant Sample Zone Descriptions

- LKc “C” zone** **(3598', -1312')** **Covered in DST #1**
 Ls – Fine to sub-crystalline, oolitic with poor oomoldic and oolitic porosity, light brown oil stain in porosity, show of free oil when broken, light odor, dull to fair yellow fluorescents.
- Gorham** **(3886', -1600):** **Covered in DST #2**
 Ss – Quartz, Clear, Fine to very fine grained, sub-angular, poorly sorted, well cemented with poor inter-granular porosity, light to fair oil stain, slight show of free oil when broken, dull yellow fluorescents, good odor, few pieces of mottled chert
- Arbuckle** **(3892', -1606):** **Covered in DST #2**
 Dolo – Fine to micro-crystalline with poor inter-crystalline and vuggy porosity, light to fair spotted oil stain in porosity, show of free oil on cup, good odor, dull yellow fluorescents, mostly dense and tight.

Drill Stem Tests
Trilobite Testing, Inc.
"Ray Schwager"

DST #1

Lansing-Kansas City "A-D" zones

Interval (3572' – 3630') Anchor Length 58'

IHP	– 1705 #	
IFP	– 30" – Built to 1/8 in.	13-19 #
ISI	– 30" – Dead	570 #
FFP	– 10" – Dead	20-23 #
FHP	– 1681 #	
BHT	– 99°F	

Recovery: 15' Mud w/ oil show in tool

DST #2

Gorham Sand / Arbuckle

Interval (3861' – 3915') Anchor Length 54'

IHP	– 1878 #	
IFP	– 30" – B.O.B. 8 min.	78-174 #
ISI	– 45" – Built to 1/8 in.	1168 #
FFP	– 30" – B.O.B. 12 min.	177-273 #
FSI	– 45" – W.S.B.	1163 #
FHP	– 1842 #	
BHT	– 114°F	

Recovery: 240' GIP
200' GCO
186' MGO 50% Oil
124' SWMCO 50% Oil, 10% Water
124' OCMW 10% Oil, 85% Water

Structural Comparison

	American Warrior, Inc. Reidel North A #2 Sec. 6 T14s R19w 800' FNL & 2261' FWL	Brunson Prod & Explor Riedel #1 Sec. 6 T14s R19w E2 NE NW		Stanolind Oil Co. Riedel Gay C #2 Sec. 6 T14s R19w W2 NW NE	
Formation					
Anhydrite	1561', +725	NA	NA	1565', +718	(+7)
Base	1604', +682	NA	NA	NA	NA
Topeka	3284', -998	3278', -998	FL	NA	NA
Heebner	3529', -1243	3522', -1242	(-1)	3519', -1236	(-7)
Toronto	3549', -1263	3542', -1262	(-1)	NA	NA
Lansing	3570', -1284	3564', -1284	FL	3565', -1282	(-2)
BKc	3814', -1528	3807', -1527	(-1)	NA	NA
Gorham	3886', -1600	3882', -1602	(+2)	NA	NA
Arbuckle	3892', -1606	3898', -1618	(+12)	3881', -1598	(-8)

Summary

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

Recommended Perforations

Primary:		
Gorham	(3886' – 3891')	DST #2
Secondary:		
Arbuckle	(3898' – 3908')	DST #2
Before Abandonment:		
LKc "H" zone	(3703' – 3706')	Not Tested

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.

ALLIED OIL & GAS SERVICES, LLC 056086

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell, KS

Reided North A-2

DATE <u>1-5-13</u>	SEC. <u>6</u>	TWP. <u>14</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>1:30 pm</u>	JOB FINISH <u>12:00 pm</u>
LEASE <u>Russell</u>	WELL # <u>A #2</u>	LOCATION <u>Hays, KS</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>golf course rd 6.5W 1A 3/4 west south side</u>			

CONTRACTOR Discovery #3 OWNER 2-01

TYPE OF JOB Surface

HOLE SIZE <u>12 1/4"</u>	T.D.	CEMENT AMOUNT ORDERED <u>150 SK</u>
CASING SIZE <u>8 5/8"</u>	DEPTH <u>221.20'</u>	<u>31.00 cc 21 gal</u>
TUBING SIZE	DEPTH	
DRILL PIPE	DEPTH	
TOOL	DEPTH	

PRES. MAX	MINIMUM	COMMON <u>150 SK</u>	@ <u>17.90</u>	<u>\$2,685.00</u>
MEAS. LINE	SHOE JOINT <u>15'</u>	POZMIX	@	
CEMENT LEFT IN CSG. <u>15' Show joint</u>		GEL <u>3 SK</u>	@ <u>23.40</u>	<u>\$70.20</u>
PERFS.		CHLORIDE <u>5 SK</u>	@ <u>14.00</u>	<u>\$70.00</u>
DISPLACEMENT <u>13.13 gal / ft</u>		ASC	@	

EQUIPMENT

PUMP TRUCK # <u>409</u>	CEMENTER <u>Pony P. 1</u>	HELPER <u>Rexin R. 3</u>	
BULK TRUCK # <u>378</u>	DRIVER <u>Debra D. 3</u>		
BULK TRUCK #	DRIVER		

HANDLING <u>162.09 7 1/3</u>	@ <u>2.48</u>	<u>\$401.99</u>
MILEAGE <u>111.00 7/8</u>	@ <u>2.60</u>	<u>\$288.60</u>
TOTAL		<u>\$690.59</u>

REMARKS:

circulate mud to surface.
Pumped amt @ 22.85 gal = 150 SK.
Displga. amt @ 13.13 gal/ft
amt. circulated to surface.
Shut in 7 1/8 @ 300 psi.

[Signature]

CHARGE TO: American Warrior

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <u>221.20'</u>	
PUMP TRUCK CHARGE	<u>\$1,512.25</u>
EXTRA FOOTAGE	@
MILEAGE <u>Heavy 15 miles</u>	@ <u>7.70</u> <u>\$115.50</u>
MANIFOLD <u>Light 15 miles</u>	@ <u>4.40</u> <u>\$66.00</u>
TOTAL <u>\$1,693.75</u>	

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL _____		

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME GALEN GASCHLER

SIGNATURE *[Signature]*

SALES TAX (If Any) 193.73

TOTAL CHARGES \$5,459.54

DISCOUNT \$1,364.88 IF PAID IN 30 DAYS BS 1-7-12

before tax net 4094.65



CHARGE TO
American Warrior, Inc.

ADDRESS

CITY, STATE, ZIP CODE

TICKET
Nº 23066

PAGE 1 OF 2

SERVICE LOCATIONS
1. *Hays, Ks*
2. *Ness City, Ks*

WELL/PROJECT NO. *#2*

LEASE *Reiole 1 North "A"*

COUNTY/PARISH *Ellis*

STATE *Ks*

CITY

DATE *1-11-13*

OWNER

TICKET TYPE
 SERVICE
 SALES

CONTRACTOR *Discover*

RIG NAME/NO. *#3*

SHIPPED VIA *CT*

DELIVERED TO *SW/Hays, Ks*

ORDER NO.

WELL TYPE *Dil*

WELL CATEGORY *infield*

JOB PURPOSE *Cement Longstring*

WELL PERMIT NO.

WELL LOCATION

REFERRAL LOCATION

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #110		10	mi		600	6000
578		1			Pump Charge - cement longstring		1	ea	4000	15000	150000
221		1			Liquid KCL		2	gal		2500	5000
281		1			Mud Flush		500	gal		125	62500
290		1			D. Air		2	gal		3500	7000
402		1			Centralizers		7	ea	5 1/2 in	7000	49000
403		1			Cement Basket		1	ea	5 1/2 in	25000	25000
404		1			Port Collar		1	ea	5 1/2 in	24000	24000
406		1			Latchdown Plug & Rattle		1	ea	5 1/2 in	25000	25000
407		1			Insert Float Shoe w/ Auto Fill		1	ea	5 1/2 in	35000	35000
419		1			Rotating Head Rental		1	ea	5 1/2 in	20000	20000

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

Don Decker

DATE SIGNED *1-11-13* TIME SIGNED *1500*

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	P.1 PAGE TOTAL	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				P.2	624500
WE UNDERSTOOD AND MET YOUR NEEDS?					461782
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				sub total	1086282
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Ellis TAX 6.3%	54095
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	11,40377
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

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

SWIFT OPERATOR *Don Lemmer* APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 23066

CUSTOMER American Warrior, Inc WELL #2 Rival North "A" DATE 1-11-13 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M		
325		2				Standard Cement EA-2	175	SKS	16450	LBS	13.57	2362.50
276		2				Floccle	44	LBS			200	88.00
283		2				Salt	825	LBS			20	175.00
284		2				Calseal	823	LBS	9	SKS	35.00	315.00
292		2				Herbal 322 <u>34%</u>	124	LBS			7.25	96.00
581		2				SERVICE CHARGE <u>Cement</u>					2.00	350.00
583		2				MILEAGE CHARGE	18316	LBS			1.00	366.32
						TOTAL WEIGHT			40	LOADED MILES		
										TON MILES		

CONTINUATION TOTAL 4617.82

JOB LOG

SWIFT Services, Inc.

DATE 1-11-13 PAGE NO. 7

CUSTOMER American Well Services, Inc. WELL NO. #2 LEASE Reichel North 'A' JOB TYPE Cement Logging TICKET NO. 230666

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
						TO 4100'		
	1730					15.5 #/ft	5 1/2	On loc - w/ FE, RE LDD.P
	1930							Start 5 1/2 15.5 #/ft casing to 3996 1/2
								Insert Float Shoe w/ Auto Pll
								L.D. Bottle - 2J 21.82' @ 3974 1/2 = 94 1/2
								Cont 1-3-5-7-9-11-60
								Cont Bkt # 61
								P.C. # 61 @ 1541 1/2
								Drop fill up ball 5 Jts cut
	2130							Fin run casing. Tag & Log Jt. Down
	2145							St. Cir / Rotate
	2215							Fin cir
			7/5					Plug RH / 30SKS cut MH / 20SKS cut
		5	12	32	Pushes	250		Pump string Mud flush
		6	20	32		300		Pump 20 BBI KCL flush
		4 1/2				250		Start 130 SKS EM2 cut
		4	32		cut	200		Fin cut - 10 wash out Pump & Lines
						VAC		Drop L.D. Plug
		8 1/2				300		Start Displ (94 1/2 BBI)
		6	80			400		Caught lift press - slow rate
		5	90			500		slow rate
	2300					250		Plug doesn't Hold - Release & Hold
						1400		Job Complete
								Washup & Rack up

Handwritten signature
 Alan Brown & Isaac



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

TICKET No 23074

PAGE 1 OF 1

SERVICE LOCATIONS
 1. Hays, KS
 2. Ness City, KS
 3. _____
 4. _____

WELL/PROJECT NO. # 2
 LEASE Reidel North
 COUNTY/PARISH Ellis
 STATE KS
 CITY _____
 DATE 1-24-13
 OWNER _____

TICKET TYPE
 SERVICE
 SALES

CONTRACTOR _____
 RIG NAME/NO. _____
 SHIPPED VIA _____
 DELIVERED TO _____
 ORDER NO. _____

WELL TYPE Oil
 WELL CATEGORY Development
 JOB PURPOSE Cement Port Collar
 WELL PERMIT NO. _____
 WELL LOCATION _____

REFERRAL LOCATION _____
 INVOICE INSTRUCTIONS _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #113	20		mi		6.00	120.00
576 D		1			Pump Charge - out Port Collar	1	15.38	ft.		1250.00	1250.00
290		1			D. AIR	2		gal		35.00	70.00
330		2			5KID Cement	150		SKS		16.50	2475.00
276		2			Flocalc	44		lbs		2.00	88.00
165		2			Port Collar Tool Rental w/man	1		hr		350.00	350.00
581		2			Service Charge - Cement	175	3Ks	17415	lbs	2.00	350.00
583		2			Drayage	40	mi	348.3	TM	1.00	348.30

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 Joe by Don
 DATE SIGNED 1-24-13 TIME SIGNED 11:00 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?				5051.30
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Ellis TAX 6.3% 187.93
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL 5239.23
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

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

SWIFT OPERATOR [Signature] APPROVAL _____

Thank You!



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Cecil O'Brate

Reidel North A #2

6-14s-19w Ellis,KS

Start Date: 2013.01.09 @ 08:50:40

End Date: 2013.01.09 @ 13:50:04

Job Ticket #: 51627 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.01.11 @ 15:08:53



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Cecil O'Brate

6-14s-19w Ellis,KS
Reidel North A #2
Job Ticket: 51627 **DST#: 1**
Test Start: 2013.01.09 @ 08:50:40

GENERAL INFORMATION:

Formation: **LKC A-D**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:03:35
Time Test Ended: 13:50:04
Interval: **3572.00 ft (KB) To 3630.00 ft (KB) (TVD)**
Total Depth: 3630.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Ray Schwager
Unit No: 42
Reference Elevations: 2286.00 ft (KB)
2278.00 ft (CF)
KB to GR/CF: 8.00 ft

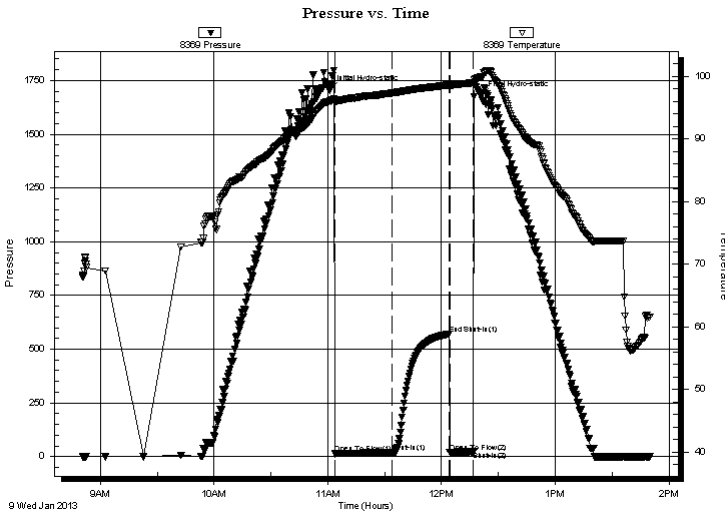
Serial #: 8369

Inside

Press @ Run Depth: 19.42 psig @ 3574.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.01.09 End Date: 2013.01.09 Last Calib.: 2013.01.09
Start Time: 08:50:40 End Time: 13:50:04 Time On Btm: 2013.01.09 @ 11:01:05
Time Off Btm: 2013.01.09 @ 12:20:50

TEST COMMENT: 30-IFP-w k bl thru-out 1/8" bl
30-ISIP-no bl
10-FFP-no bl , pulled tool

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1705.28	95.97	Initial Hydro-static
3	13.76	95.83	Open To Flow (1)
33	19.42	97.29	Shut-In(1)
63	570.68	98.63	End Shut-In(1)
64	20.68	98.36	Open To Flow (2)
76	23.34	98.95	Shut-In(2)
80	1681.71	99.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud w/show of oil in tool	0.07

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: Cecil O'Brate

6-14s-19w Ellis,KS
Reidel North A #2
 Job Ticket: 51627 **DST#: 1**
 Test Start: 2013.01.09 @ 08:50:40

Tool Information

Drill Pipe:	Length: 3547.00 ft	Diameter: 3.80 inches	Volume: 49.76 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 49.91 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	3572.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	79.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3552.00	
Shut In Tool	5.00			3557.00	
Hydraulic tool	5.00			3562.00	
Packer	5.00			3567.00	21.00 Bottom Of Top Packer
Packer	5.00			3572.00	
Stubb	1.00			3573.00	
Perforations	1.00			3574.00	
Recorder	0.00	8369	Inside	3574.00	
Recorder	0.00	8700	Outside	3574.00	
Blank Spacing	33.00			3607.00	
Perforations	20.00			3627.00	
Bullnose	3.00			3630.00	58.00 Bottom Packers & Anchor

Total Tool Length: 79.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Cecil O'Brate

6-14s-19w Ellis,KS
Reidel North A #2
Job Ticket: 51627 **DST#: 1**
Test Start: 2013.01.09 @ 08:50:40

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.15 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

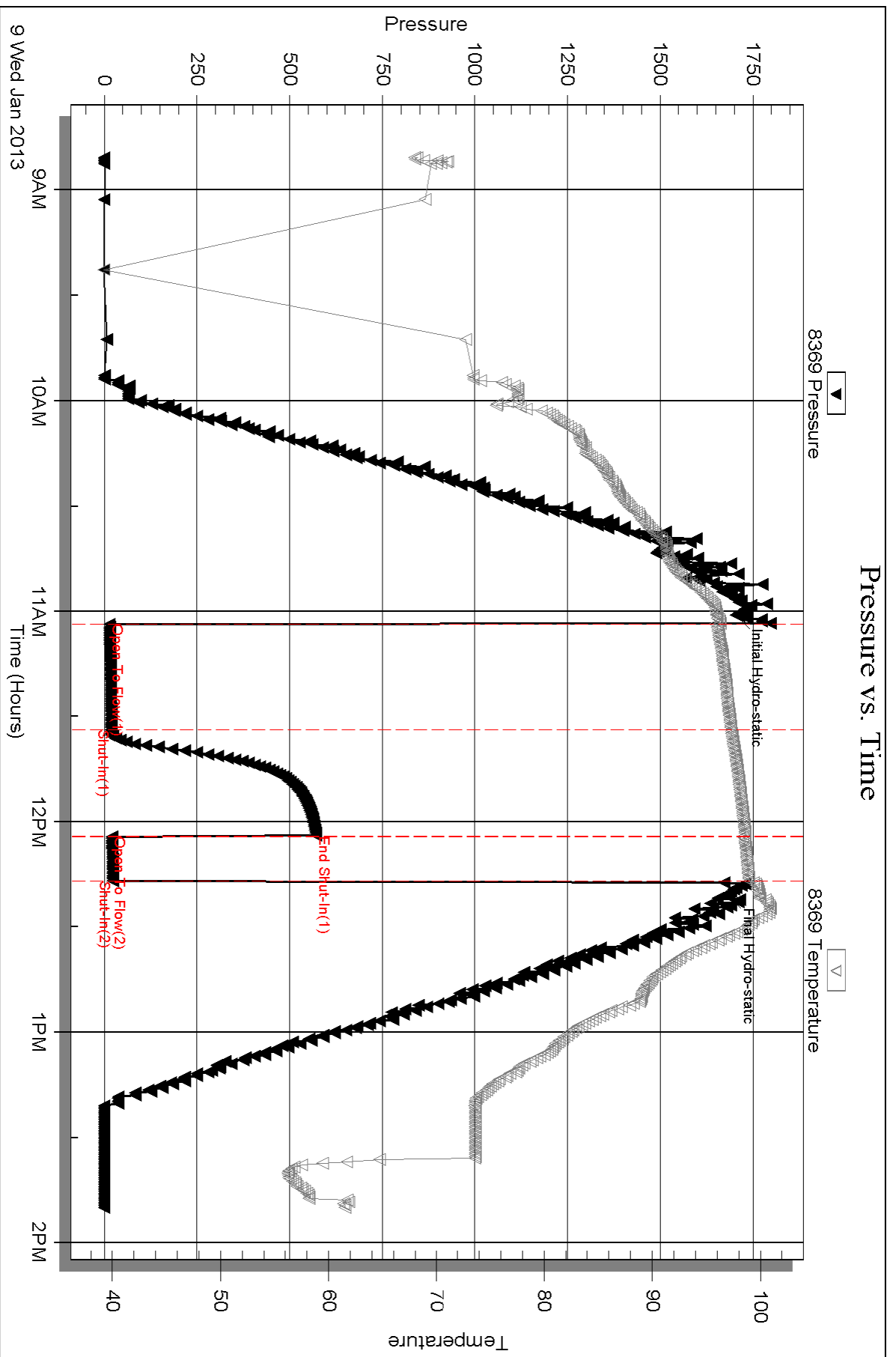
Length ft	Description	Volume bbl
15.00	Mud w/show of oil in tool	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

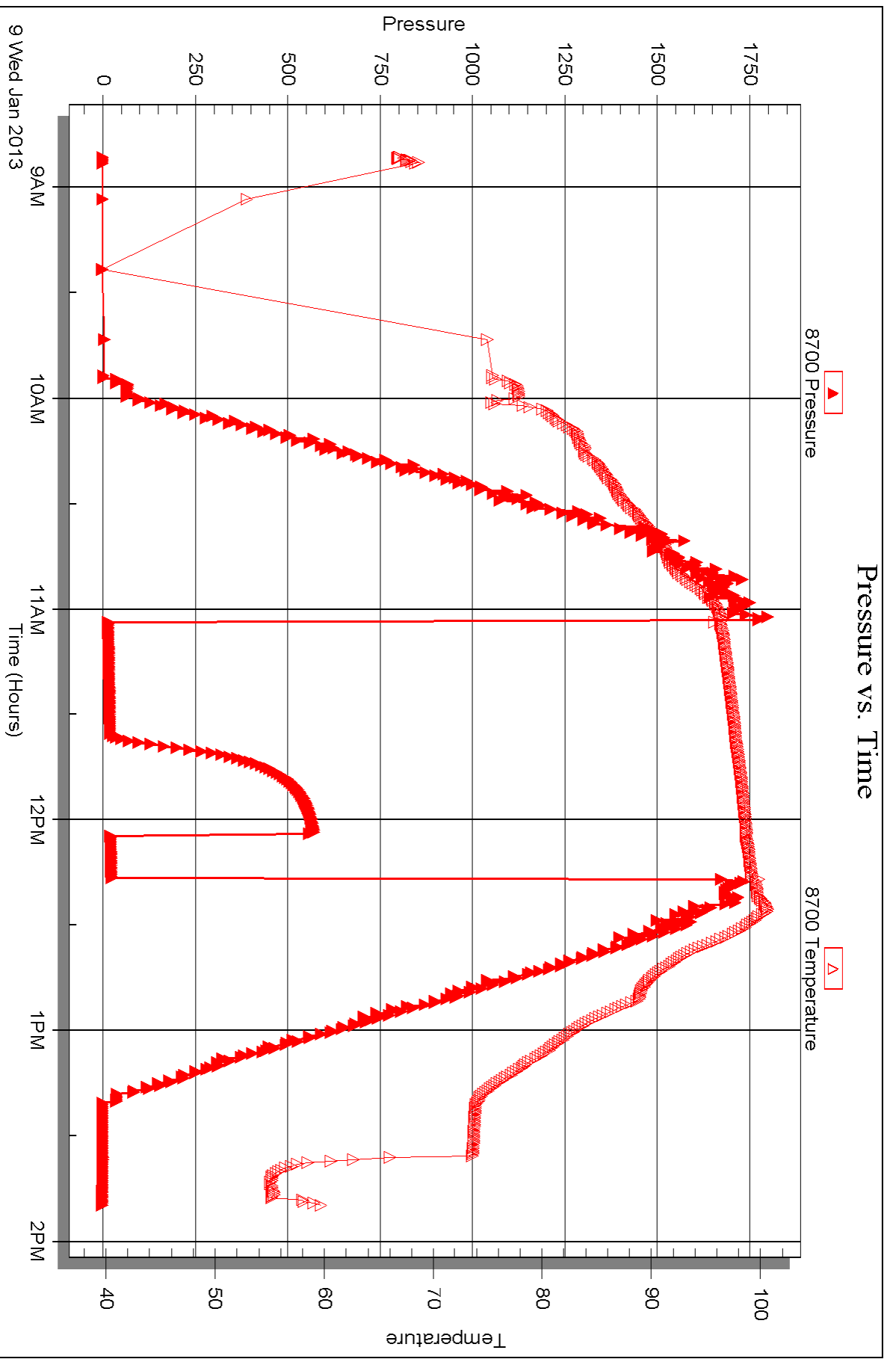


Serial #: 8700

Outside American Warrior Inc

Reidel North A #2

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Cecil O'Brate

Reidel North A #2

6-14s-19w Ellis,KS

Start Date: 2013.01.10 @ 13:35:50

End Date: 2013.01.10 @ 20:54:29

Job Ticket #: 51628 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.01.11 @ 15:07:30

American Warrior Inc

6-14s-19w Ellis,KS

Reidel North A #2

DST # 2

Gorham Sd/Arbuckle

2013.01.10



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Cecil O'Brate

6-14s-19w Ellis,KS
Reidel North A #2
 Job Ticket: 51628 **DST#: 2**
 Test Start: 2013.01.10 @ 13:35:50

GENERAL INFORMATION:

Formation: **Gorham Sd /Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:45:45
 Time Test Ended: 20:54:29
 Interval: **3861.00 ft (KB) To 3915.00 ft (KB) (TVD)**
 Total Depth: 3915.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 42
 Reference Elevations: 2286.00 ft (KB)
 2278.00 ft (CF)
 KB to GR/CF: 8.00 ft

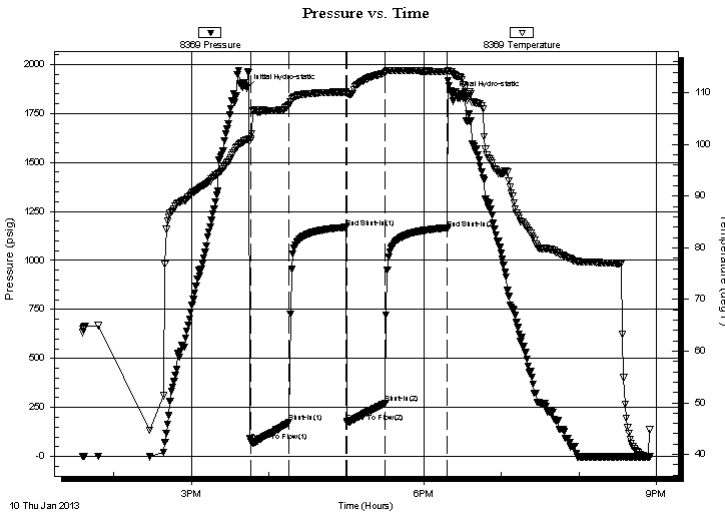
Serial #: 8369

Inside

Press @RunDepth: 273.28 psig @ 3863.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.01.10 End Date: 2013.01.10 Last Calib.: 2013.01.10
 Start Time: 13:35:50 End Time: 20:54:29 Time On Btm: 2013.01.10 @ 15:42:45
 Time Off Btm: 2013.01.10 @ 18:21:29

TEST COMMENT: 30-IFP-w k to strg in 8 min
 45-ISIP-1/8" bl bk
 30-FFP-w k to strg in 12 min
 45-FSIP-surface bl bk

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1877.88	100.90	Initial Hydro-static
3	78.47	101.02	Open To Flow (1)
33	173.55	107.67	Shut-In(1)
77	1168.44	110.17	End Shut-In(1)
78	177.78	109.84	Open To Flow (2)
108	273.28	113.92	Shut-In(2)
156	1162.68	114.07	End Shut-In(2)
159	1842.52	114.10	Final Hydro-static

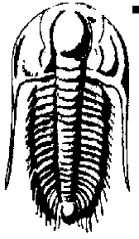
Recovery

Length (ft)	Description	Volume (bbl)
0.00	240'GIP	0.00
124.00	OCMW 10%O5%M85%W	1.47
124.00	MGO 20%G10%W20%M50%O	1.74
186.00	MGO 10%G40%M50%O	2.61
200.00	CO	2.81

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Cecil O'Brate

6-14s-19w Ellis,KS

Reidel North A #2

Job Ticket: 51628

DST#: 2

Test Start: 2013.01.10 @ 13:35:50

GENERAL INFORMATION:

Formation: **Gorham Sd /Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:45:45

Time Test Ended: 20:54:29

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 42

Interval: **3861.00 ft (KB) To 3915.00 ft (KB) (TVD)**

Total Depth: 3915.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2286.00 ft (KB)

2278.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8700 Outside

Press @ Run Depth: psig @ 3863.00 ft (KB)

Start Date: 2013.01.10

End Date: 2013.01.10

Start Time: 13:36:21

End Time: 20:53:30

Capacity: 8000.00 psig

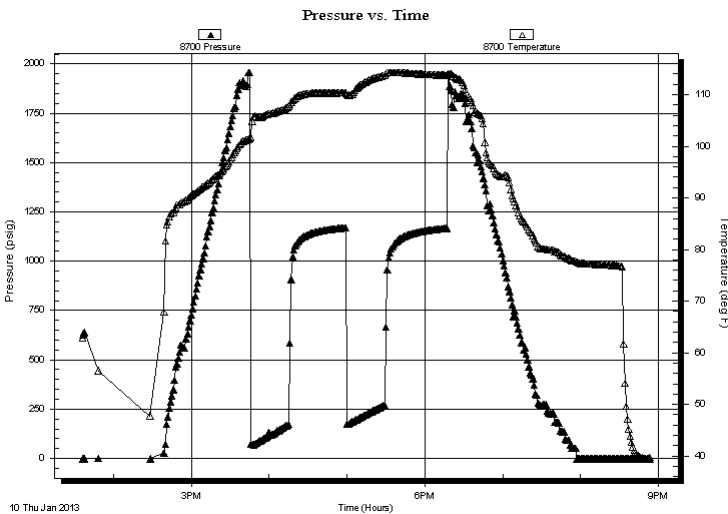
Last Calib.: 2013.01.10

Time On Btm:

Time Off Btm:

TEST COMMENT: 30-IFP-w k to strg in 8 min
45-ISIP-1/8" bl bk
30-FFP-w k to strg in 12 min
45-FSIP-surface bl bk

PRESSURE SUMMARY



Time (Min.)

Pressure (psig)

Temp (deg F)

Annotation

Recovery

Length (ft)	Description	Volume (bbl)
0.00	240'GIP	0.00
124.00	OCMW 10%O5% m 85%W	1.47
124.00	MGO 20%G10%V20%M50%O	1.74
186.00	MGO 10%G40%M50%O	2.61
200.00	CO	2.81

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Cecil O'Brate

6-14s-19w Ellis,KS
Reidel North A #2
Job Ticket: 51628 **DST#: 2**
Test Start: 2013.01.10 @ 13:35:50

Tool Information

Drill Pipe:	Length: 3836.00 ft	Diameter: 3.80 inches	Volume: 53.81 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 53.96 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3861.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	75.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3841.00	
Shut In Tool	5.00			3846.00	
Hydraulic tool	5.00			3851.00	
Packer	5.00			3856.00	21.00 Bottom Of Top Packer
Packer	5.00			3861.00	
Stubb	1.00			3862.00	
Perforations	1.00			3863.00	
Recorder	0.00	8369	Inside	3863.00	
Recorder	0.00	8700	Outside	3863.00	
Blank Spacing	32.00			3895.00	
Perforations	17.00			3912.00	
Bullnose	3.00			3915.00	54.00 Bottom Packers & Anchor

Total Tool Length: 75.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Cecil O'Brate

6-14s-19w Ellis,KS
Reidel North A #2
Job Ticket: 51628 **DST#: 2**
Test Start: 2013.01.10 @ 13:35:50

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 28000 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.16 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3750.00 ppm		
Filter Cake: 1.00 inches		

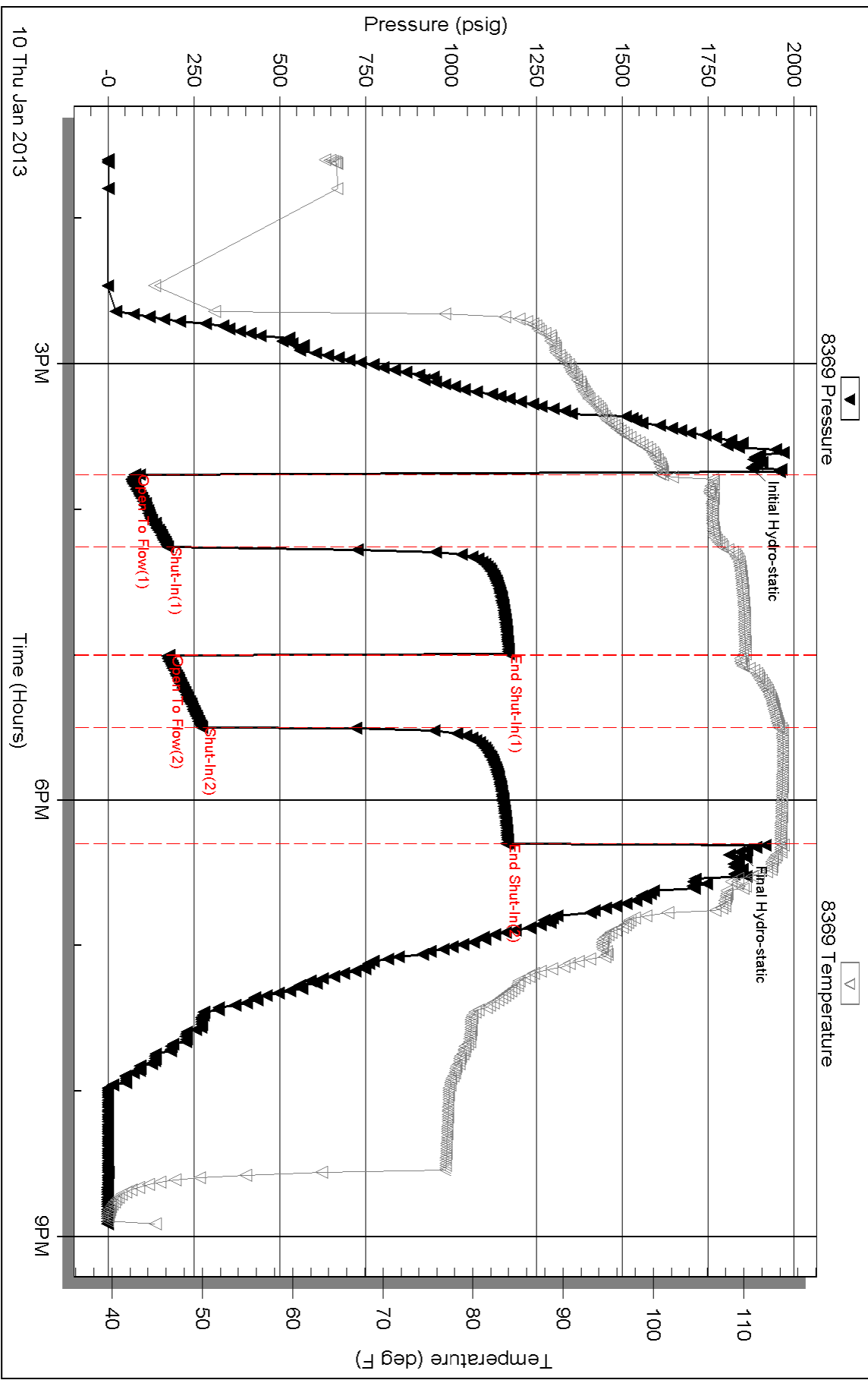
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	240'GIP	0.000
124.00	OCMW 10%O5%M85%W	1.466
124.00	MGO 20%G10%W20%M50%O	1.739
186.00	MGO 10%G40%M50%O	2.609
200.00	CO	2.805

Total Length: 634.00 ft Total Volume: 8.619 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW .32@50F

Pressure vs. Time

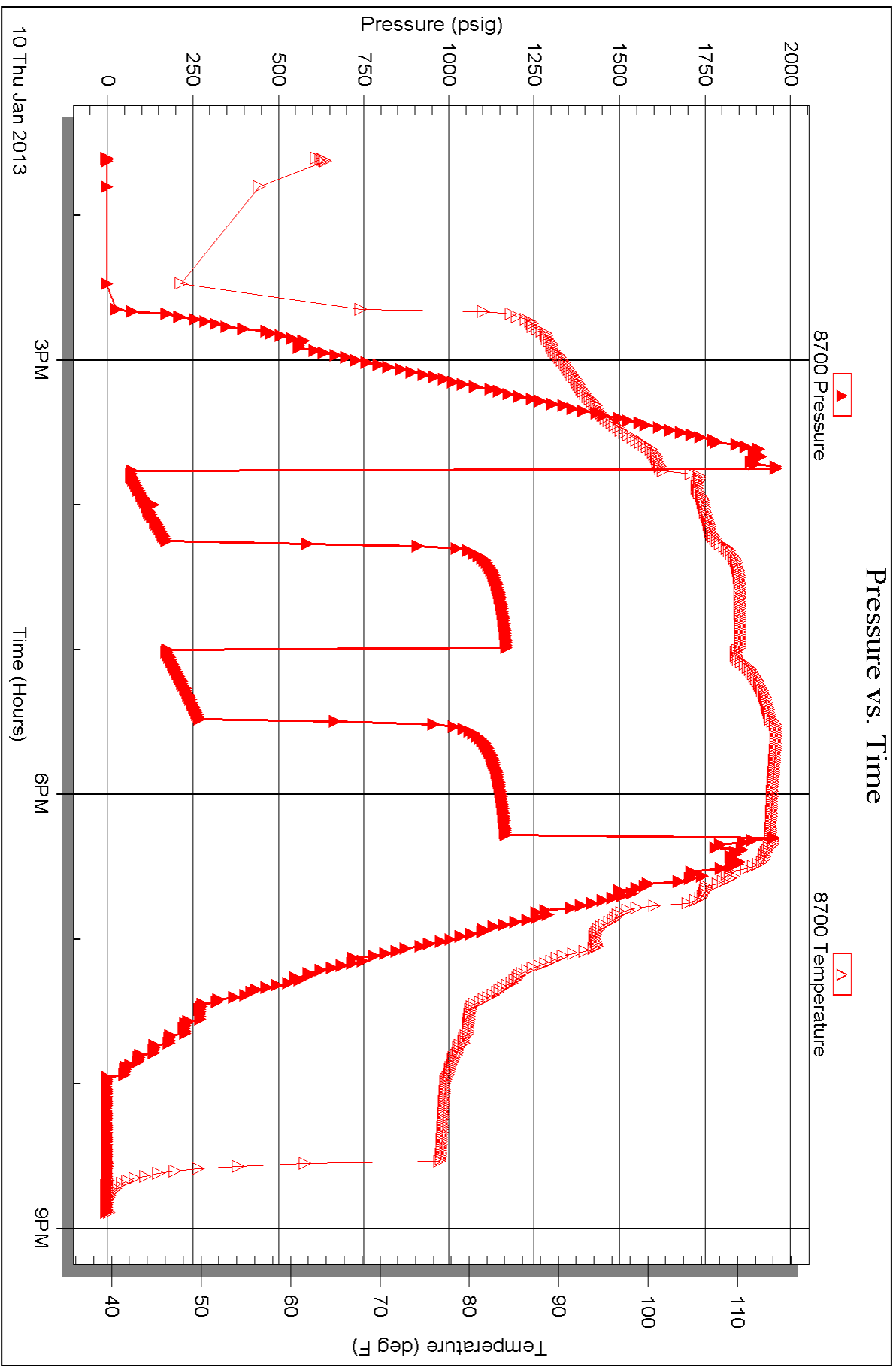


Serial #: 8700

Outside American Warrior Inc

Reidel North A #2

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51627

Well Name & No. Reidel North A#2 Test No. 1 Date 1-9-13
 Company AMERICAN WARRIOR Inc Elevation 2286 KB 2278 GL
 Address 3118 Cummings Rd P.O Box 399 Garden City, Ks 67846
 Co. Rep / Geo. JASON Alm Rig Discovery rig 3
 Location: Sec. 6 Twp. 14^s Rge. 19^w Co. Ellis State Ks

Interval Tested 3572-3630 Zone Tested LKC A-D
 Anchor Length 58 Drill Pipe Run 3547 Mud Wt. 8.8
 Top Packer Depth 3567 Drill Collars Run 30 Vis 55
 Bottom Packer Depth 3572 Wt. Pipe Run - WL 9.2
 Total Depth 3630 Chlorides 3500 ppm System LCM 2#
 Blow Description TFP - WEAK BLOW THRU-OUT 1/8" BLOW
ISIP - NO BLOW
FFP - NO BLOW

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>Mud</u>				
	<u>w/show of oil in Tool</u>				

Rec Total 15 BHT 99 Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic <u>1705</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>0725</u>
(B) First Initial Flow <u>13</u>	<input type="checkbox"/> Jars	T-Started <u>0850</u>
(C) First Final Flow <u>19</u>	<input type="checkbox"/> Safety Joint	T-Open <u>1100</u>
(D) Initial Shut-In <u>570</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1210</u>
(E) Second Initial Flow <u>20</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1350</u>
(F) Second Final Flow <u>23</u>	<input checked="" type="checkbox"/> Mileage <u>30 RT</u> 46.50	Comments
(G) Final Shut-In	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1681</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>10</u>	<input type="checkbox"/> Day Standby	Total <u>1196.50</u>
Final Shut-In <u>pulled Tool</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1196.50</u>	

Approved By _____ Our Representative Ray Schwager *thank you*

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51628

Well Name & No. Reidel North A#2 Test No. 2 Date 1-10-13
 Company AMERICAN WARRIOR INC Elevation 2286 KB 2278 GL
 Address 3118 Cummings Rd PO Box 399 Garden City, Ko 67846
 Co. Rep / Geo. JASON ALM Rig Discovery rig 3
 Location: Sec. 6 Twp. 14^s Rge. 19^w Co. ELLIS State Ko

Interval Tested 3861-3915 Zone Tested Gorham S / Arbuckle
 Anchor Length 54 Drill Pipe Run 3836 Mud Wt. 9
 Top Packer Depth 3856 Drill Collars Run 30 Vis 57
 Bottom Packer Depth 3861 Wt. Pipe Run - WL 9.2
 Total Depth 3915 Chlorides 3750 ppm System LCM 1 1/2#

Blow Description IFP - STRONG BLOW IN 8 MIN
ISIP - 1/8" BLOW BACK
FFP - STRONG BLOW IN 12 MIN
FSIP - SURFACE BLOW BACK

Rec	Feet of	%gas	%oil	%water	%mud
<u>240</u>	<u>GIP</u>				
<u>200</u>	<u>CO</u>				
<u>186</u>	<u>MGO</u>	<u>10</u>	<u>50</u>		<u>40</u>
<u>124</u>	<u>MGO</u>	<u>20</u>	<u>50</u>	<u>10</u>	<u>20</u>
<u>124</u>	<u>OCMW</u>		<u>10</u>	<u>85</u>	<u>5</u>

Rec Total 634 BHT 1.14 Gravity 36 API RW .32 @ 50 °F Chlorides 28000 ppm

(A) Initial Hydrostatic 1877 Test 1150 T-On Location 1240
 (B) First Initial Flow 78 Jars _____ T-Started 1335
 (C) First Final Flow 173 Safety Joint _____ T-Open 1545
 (D) Initial Shut-In 1168 Circ Sub _____ T-Pulled 1815
 (E) Second Initial Flow 177 Hourly Standby _____ T-Out 2054
 (F) Second Final Flow 273 Mileage 46.50 Comments _____
 (G) Final Shut-In 1162 Sampler _____
 (H) Final Hydrostatic 1842 Straddle _____

Initial Open 30 Shale Packer _____
 Initial Shut-In 45 Extra Packer _____
 Final Flow 30 Extra Recorder _____
 Final Shut-In 45 Day Standby _____
 Sub Total 1196.50 Accessibility _____
 Total 1196.50 MP/DST Disc't _____

Approved By _____ Our Representative Ray Schwager Thank you

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.