

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

2/6/14

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: P.O. Box 399

Address 2:

City: Garden City State: Ks. Zip: 67846

Contact Person: Jody Smith

Phone: (620) 275-2963

CONTRACTOR: License # 5622

Name: Val Energy Inc.

Wellsite Geologist: Pat Balthazor

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 #:

12/30/11	1/5/12	2/2/12
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 065-23794 -00-00

Spot Description:

SW NE SE SW Sec. 12 Twp. 9 S. R. 21  East  West

700 Feet from  North /  South Line of Section

2,250 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE  NW  SE  SW

County: Graham

Lease Name: Knipp Well #: 6-12

Field Name: Morel

Producing Formation: Arbuckle

Elevation: Ground: 2128' Kelly Bushing: 2138

Total Depth: 3760' Plug Back Total Depth: 3724'

Amount of Surface Pipe Set and Cemented at: 268' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 1663' Feet

If Alternate II completion, cement circulated from: 1663'

feet depth to: surface w/ 120 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 14,000 ppm Fluid volume: 40 bbls

Dewatering method used: Evaporation

Location of fluid disposal if hauled offsite:

Operator Name:

Lease Name: License #:

Quarter Sec. Twp. S. R.  East  West

County: Permit #:

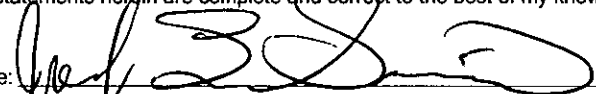
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**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: 

Title: Foreman Date: 2/3/12

KCC Office Use ONLY

- Letter of Confidentiality Received Date: 2/6/12 - 2/6/14
- Confidential Release Date:
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: NS Date: 2-9-12

Operator Name: American Warrior Inc. Lease Name: Knipp Well #: 6-12  
 Sec. 12 Twp. 9 S. R. 21  East  West County: Graham

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Dual Induction, Porosity and Micro.</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anhy</td> <td>1645'</td> <td>+492</td> </tr> <tr> <td>B/Anhy</td> <td>1679'</td> <td>+459</td> </tr> <tr> <td>Heebner</td> <td>3337'</td> <td>-1199</td> </tr> <tr> <td>Toronto</td> <td>3359'</td> <td>-1221</td> </tr> <tr> <td>Lansing</td> <td>3375'</td> <td>-1237</td> </tr> <tr> <td>B/KC</td> <td>3590'</td> <td>-1452</td> </tr> <tr> <td>Arbuckle</td> <td>3672'</td> <td>-1622</td> </tr> </tbody> </table>	Name	Top	Datum	Anhy	1645'	+492	B/Anhy	1679'	+459	Heebner	3337'	-1199	Toronto	3359'	-1221	Lansing	3375'	-1237	B/KC	3590'	-1452	Arbuckle	3672'	-1622
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B/KC	3590'	-1452																							
Arbuckle	3672'	-1622																							

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	121/4	85/8	23#	268'	Common	170	3%CC,2%gel
Production	77/8	51/2	15.5'	3756'	EA-2	125sx	

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

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	3672'to 3682'	500 gal 15%MCA	3672
	<b>RECEIVED</b>		
	<b>FEB 06 2012</b>	<b>CONFIDENTIAL</b>	
	<b>KCC WICHITA</b>	<b>FEB 06 2014</b>	
		<b>KCC</b>	

TUBING RECORD: Size: <u>23/8</u> Set At: <u>3720'</u> Packer At: <u>None</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>NA'</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>30</u>	Gas Mcf <u>0</u>	Water Bbls. <u>100</u> Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-1B.)</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>3672'to 3682'</u>
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# QUALITY WELL SERVICE, INC.

5412

Home Office 324 Simpson St., Pratt, KS 67124

Todd's Cell 620-388-5422  
Office / Fax 620-672-3663

Rich's Cell 620-727-3409  
Brady's Cell 620-727-6964

Date	12-30-11	Sec.	12	Twp.	9	Range	21	County	Graham	State	KS	On Location		Finish	11:45pm	
Lease	KNEPP	Well No.	6-12			Location Polco KS N 1 mile 3W 1N 1/4E N.10										
Contractor	Lol #6							Owner								
Type Job	Surface							To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Hole Size								T.D.	268							
Csg.	8 5/8							Depth	268.80							
Tbg. Size								Depth								
Tool								Depth								
Cement Left in Csg.	15ft							Shoe Joint								
Meas Line								Displace	16.00 bbl							
Charge To										American Warrior Inc						
Street																
City										State						
The above was done to satisfaction and supervision of owner agent or contractor.																
Cement Amount Ordered										170 sy com 3%cc 2%Gel						

**EQUIPMENT**

Pumptrk	No.	8	David	Common
Bulktrk	No.	9	M.K.R.	Poz. Mix
Bulktrk	No.			Gel.
Pickup	No.			Calcium

**JOB SERVICES & REMARKS**

Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Kol-Seal
DV or Port Collar	Mud CLR 48
Run 6 sts of 8 5/8 New casing & landing jt	CFL-117 or CD110 CAF 38
	Sand
	Handling
	Mileage

**FLOAT EQUIPMENT**

Est circulation with mud pump	Guide Shoe
Hook up mixed 170 sy com 3%cc 2%Gel	Centralizer
9 Disp with 16.00 bbls of H2O	Baskets
Shut in @ 300psi.	AFU Inserts
	Float Shoe
	Latch Down

Cement did circulate to surface

Thank You!

X Signature *Kandy Martin*

Pumptrk Charge

Mileage

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Tax

Discount

Total Charge



CHARGE TO: AMERICAN WARRIOR  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

CONFIDENTIAL

TICKET

FEB 06 2014

Nº 21167

KCC

PAGE 1 OF 2

1. SERVICE LOCATIONS <u>HAYS</u>	WELL/PROJECT NO. <u>6-12</u>	LEASE <u>KNIPP</u>	COUNTY/PARISH <u>GRAHAM</u>	STATE <u>KS</u>	CITY	DATE <u>01-05-12</u>	OWNER
2. <u>NESS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <u>VAL DRILL #6</u>	SHIPPED VIA <u>ET</u>	DELIVERED TO <u>PRCO</u>	ORDER NO.	
3.	WELL TYPE <u>OIL</u>	WELL CATEGORY <u>DEVELOP</u>	JOB PURPOSE <u>LONGSTRING</u>	WELL PERMIT NO. <u>15-065-23794</u>	WELL LOCATION <u>S12 T9 R21</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			UM			
575		1			MILEAGE #112	40	mi	6.00		240.00
578		1			Pump SERVICE	1	EA	1500.00		1500.00
221		1			LIQUID VCL	2	QTL	25.00		50.00
281		1			MUD FLUSH	500	QTL	1.25		625.00
290		1			D-AIR	2	QTL	35.00		70.00
402		1			CENTRALIZER	9	EA	70.00	5 1/2 W	630.00
403		1			BASKET	2	EA	250.00		500.00
404		1			POBT COLLAR 1166 FT	1	EA	2400.00		2400.00
406		1			LATEX DRAIN PLUS 9 BASIC	1	EA	250.00		250.00
407		1			TRUSS FROM SHAC 1/4" AUTOSKILL	1	EA	350.00		350.00
419		1			ROSTING HEAVY RENTAL	1	EA	200.00		200.00

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**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 [Signature]  
 DATE SIGNED 01-05-12 TIME SIGNED 2:00  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		
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	<input checked="" type="checkbox"/>			PAGE TOTAL P6-1	6815.00
WE UNDERSTOOD AND MET YOUR NEEDS?	<input checked="" type="checkbox"/>			P6-2	4596.75
OUR SERVICE WAS PERFORMED WITHOUT DELAY?	<input checked="" type="checkbox"/>			Sub TOTAL	11411.75
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	<input checked="" type="checkbox"/>			Graham TAX 7.55%	676.20
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	12,087.95
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					



**JOB LOG**

**SWIFT Services, Inc.**

DATE 2-05-11 PAGE NO. 1

CUSTOMER AWI WELL NO. 6-12 LEASE Knipp JOB TYPE LONGSTRING TICKET NO. 21167

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2200							ON LOCATION CMT: 175 SWS STD EA-2
								R70 3760 SET PIPE @ 3755 SJ 2187 ZUSSAY 3733 5 1/2 IS 5/4 PORT COLLAR ON TOP* 49, 1666 FT CENT 1, 2, 3, 4, 5, 6, 7, 48, SD BARRIS 5.49
	2240							START CSL FLOW RATE
	0015							TRAP BOTTOM, DROP BALL
	0030							BREAK CIRC W/ RIG, ROTATE PIPE
	0110		7.5					PLUG RA30, MHLS
	0115	5.0	12	-			200	500 GAL MWD FLUSH
			20	-				20 HRS KCL FLUSH
			31 1/2	-				140 SWS EA-2 CMT
								DROP LD PLUG, WASH OUT PL
		6.0	D	-			2100	START DISP
			57	-			300	CMT ON BOTTOM
			80	-			600	
			85	-			700	
	0145		88.8	-			1500	LAND PLUG
	0150							RELEASE DRY
								RECEIVED FEB 06 2012 KCC WICHITA
	0215							JOB COMPLETE
								THANK YOU! DAVE, JESSIE, JOE
								CONFIDENTIAL FEB 06 2014 KCC



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

TICKET No 22624

PAGE 1 OF 1

SERVICE LOCATIONS: New City, KS WELL/PROJECT NO. 6-12 LEASE Knipp COUNTY/PARISH Rooks STATE KS CITY Palco DATE 18 Jan 12 OWNER  
 TICKET TYPE:  SERVICE  SALES CONTRACTOR Express RIG NAME/NO. SHIPPED VIA CT DELIVERED TO location ORDER NO.  
 WELL TYPE oil WELL CATEGORY Development JOB PURPOSE small pads - cement port collar WELL PERMIT NO. WELL LOCATION  
 REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			UM		UM	
575		1			MILEAGE TRK 114	40	mi.		6.00	240.00
576D		1			Pump Charge	1	ea		1250.00	1250.00
300		1			Reg Acid	250	gal	15%	1.75	437.50
235		1			inhib-1	1/2	gal		35.00	17.50
325		1			STANDARD cement	120	sk	75	13.50	1012.50
330		1			SMD cement			120	16.50	1980.00
276		1			Shovel			50	2.00	100.00
104		1			PORT COLLAR TOOL Rental	1	ea		250.00	250.00
583		1			Drayage	24465	lb	98.3	1.00	489.30
581		1			SERVICE charge	250	sk		2.00	500.00

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**CONFIDENTIAL**

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

FEB 06 2014

X  
 DATE SIGNED KCC TIME SIGNED  A.M.  P.M.

REMIT PAYMENT TO:  
 SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			TOTAL
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

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

SWIFT OPERATOR: \_\_\_\_\_ APPROVAL: \_\_\_\_\_

Thank You!

P. 002/003  
 (FAX) 1 785 798 2382  
 SWIFT SERVICES YARD  
 JAN-18-2012 (WED) 19:28

**JOB LOG**

**SWIFT Services, Inc.**

DATE 18 Jan 12 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 6-12 LEASE Knipp JOB TYPE Squeeze - port collar TICKET NO. 22624

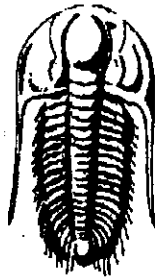
CHART NO.	TIME	RATE (BPM)	VOLUME (EBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								75 SKS standard for pug squeeze 175sk SMD w/ 1/2" fiber for port collar 2 3/4 x 5 1/2 pug - 3687-889 Port Collar 1663' 250gal 15% Reg acid
	0830							on loc TRK 114
	0910		15					spt 15 bbl (6 acid + 9 H <sub>2</sub> O) packer 3694' pull up to 3567'
	0935	2 1/4	8			1200		breakdown pug 4 min to vacuum unit on cement
	1045	2	15			1300		mix STD cement @ 15.6 ppg
		6	15			2200		Displace - packer clear @ 13.8 bbl
	1107							shot in - wash tank
	1127					800		check - tag @ 800 - no vac - pug to 800
	1200					900		amp to 900 / run 400
	1245					1600		holding 1600 release to truck - dried up
			20					Reverse out - no cement flags pull out packer - go in w/ P.C. tool
	1325					1000	1000	test to 1000 psi - held open port collar
		2 1/2	4				400	inj rate
	1515	5 1/2				500		mix SMD cement @ 11.2 ppg
		3 1/2	8			500		fluid to surface
		3 1/2	66			650		— cement to surface — } 120 SKS mixed } 20 to pit }
	1530	3 1/2	6			650		Displace w/ H <sub>2</sub> O close port collar
	1540					1000	1000	test to 1000 psi - held
	1545							run 4 joints
	1600		20					Reverse hole clean - 2 cement flags wash tank pull tank break up job complete Thanks Dave, Rob & Blake
	1625							

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**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **American Warrior inc**

PO Box 399  
Garden City, KS 67846

ATTN: Patrick Balthazor

**Knipp #6-12**

**12-9s-21w Graham,KS**

Start Date: 2012.01.04 @ 03:35:05

End Date: 2012.01.04 @ 09:23:50

Job Ticket #: 44589                      DST #: 1

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Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

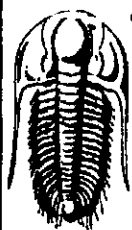
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Printed: 2012.01.05 @ 16:20:54

American Warrior Inc 12-9s-21w Graham,KS Knipp #6-12 DST # 1 Arbuckle 2012.01.04



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

American Warrior inc  
PO Box 399  
Garden City, KS 67846  
ATTN: Patrick Balthazor

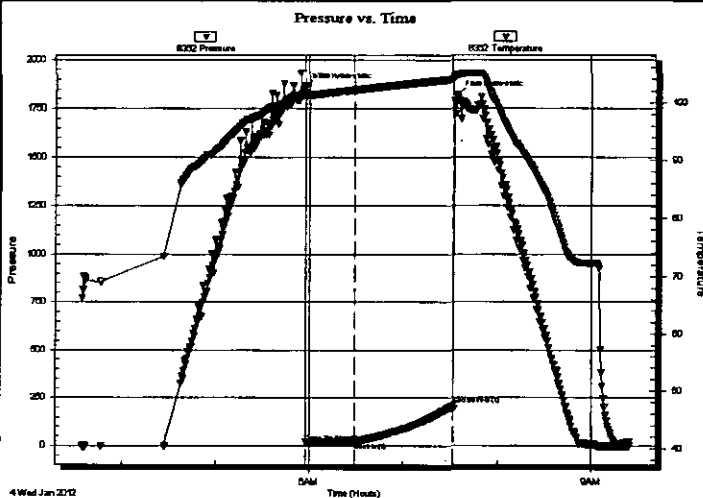
**12-9s-21w Graham,KS**  
**Knipp #6-12**  
Job Ticket: 44589      **DST#: 1**  
Test Start: 2012.01.04 @ 03:35:05

### GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: **No Whipstock**      ft (KB)  
Time Tool Opened: **05:58:00**  
Time Test Ended: **09:23:50**  
Interval: **3588.00 ft (KB) To 3670.00 ft (KB) (TVD)**  
Total Depth: **3670.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Poor**  
Test Type: **Conventional Bottom Hole (Initial)**  
Tester: **Andy Carreira**  
Unit No: **39**  
Reference Elevations: **2138.00 ft (KB)**  
**2128.00 ft (CF)**  
KB to GR/CF: **10.00 ft**

**Serial #: 8352**      **Outside**  
Press@RunDepth: **21.95 psig @ 3595.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2012.01.04**      End Date: **2012.01.04**      Last Calib.: **2012.01.04**  
Start Time: **03:35:05**      End Time: **09:23:50**      Time On Btrr: **2012.01.04 @ 05:57:00**  
Time Off Btrr: **2012.01.04 @ 07:34:20**

**TEST COMMENT:** IF:(30min) Blow Died in 17 min.  
IS:(60min) No Return Pulled Tool.



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1859.40	101.66	Initial Hydro-static
1	18.69	101.04	Open To Flow (1)
33	21.95	102.21	Shut-In(1)
95	209.62	104.08	End Shut-In(1)
98	1816.42	104.71	Final Hydro-static

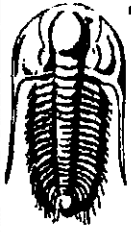
### Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.07

### Gas Rates

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

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**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

American Warrior inc  
PO Box 399  
Garden City, KS 67846  
ATTN: Patrick Balthazor

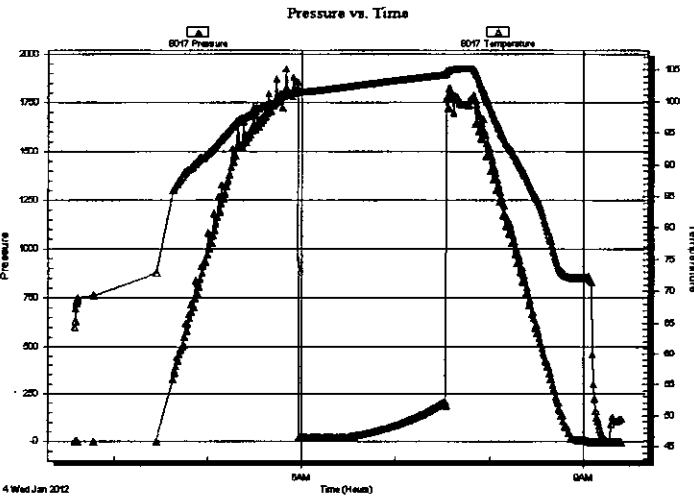
**12-9s-21w Graham,KS**  
**Knipp #6-12**  
Job Ticket: 44589      DST#: 1  
Test Start: 2012.01.04 @ 03:35:05

**GENERAL INFORMATION:**

Formation: **Arbuckle**  
Deviated: **No Whipstock**      ft (KB)  
Time Tool Opened: **05:58:00**  
Time Test Ended: **09:23:50**  
Interval: **3588.00 ft (KB) To 3670.00 ft (KB) (TVD)**  
Total Depth: **3670.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Poor**  
Test Type: **Conventional Bottom Hole (Initial)**  
Tester: **Andy Carreira**  
Unit No: **39**  
Reference Elevations: **2138.00 ft (KB)**  
**2128.00 ft (CF)**  
KB to GR/CF: **10.00 ft**

**Serial #: 8017**      **Inside**  
Press@RunDepth:      psig @ **3595.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2012.01.04**      End Date: **2012.01.04**      Last Calib.: **2012.01.04**  
Start Time: **03:35:05**      End Time: **09:23:59**      Time On Btm  
Time Off Btm

**TEST COMMENT:** IF:(30min) Blow Died in 17 min.  
IS:(60min) No Return Pulled Tool.



**PRESSURE SUMMARY**

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

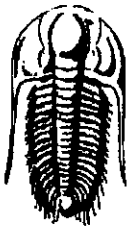
**Recovery**

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.07

**Gas Rates**

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

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**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior inc

**12-9s-21w Graham,KS**

PO Box 399  
Garden City, KS 67846

**Knipp #6-12**

Job Ticket: 44589

DST#: 1

ATTN: Patrick Balthazor

Test Start: 2012.01.04 @ 03:35:05

### Tool Information

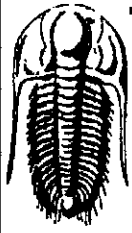
Drill Pipe:	Length: 3572.00 ft	Diameter: 3.80 inches	Volume: 50.11 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 50.11 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3588.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	82.00 ft			
Tool Length:	102.00 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			3569.00	
Shut In Tool	5.00			3574.00	
Hydraulic tool	5.00			3579.00	
Packer	5.00			3584.00	20.00 Bottom Of Top Packer
Packer	4.00			3588.00	
Stubb	1.00			3589.00	
Perforations	5.00			3594.00	
Change Over Sub	1.00			3595.00	
Recorder	0.00	8017	Inside	3595.00	
Recorder	0.00	8352	Outside	3595.00	
Drill Pipe	63.00			3658.00	
Change Over Sub	1.00			3659.00	
Perforations	8.00			3667.00	
Bullnose	3.00			3670.00	82.00 Bottom Packers & Anchor

**Total Tool Length: 102.00**

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# DRILL STEM TEST REPORT

## FLUID SUMMARY

American Warrior inc

12-9s-21w Graham,KS

PO Box 399  
Garden City, KS 67846

Knipp #6-12

Job Ticket: 44589

DST#: 1

ATTN: Patrick Balthazor

Test Start: 2012.01.04 @ 03:35:05

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

CI API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	Mud	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

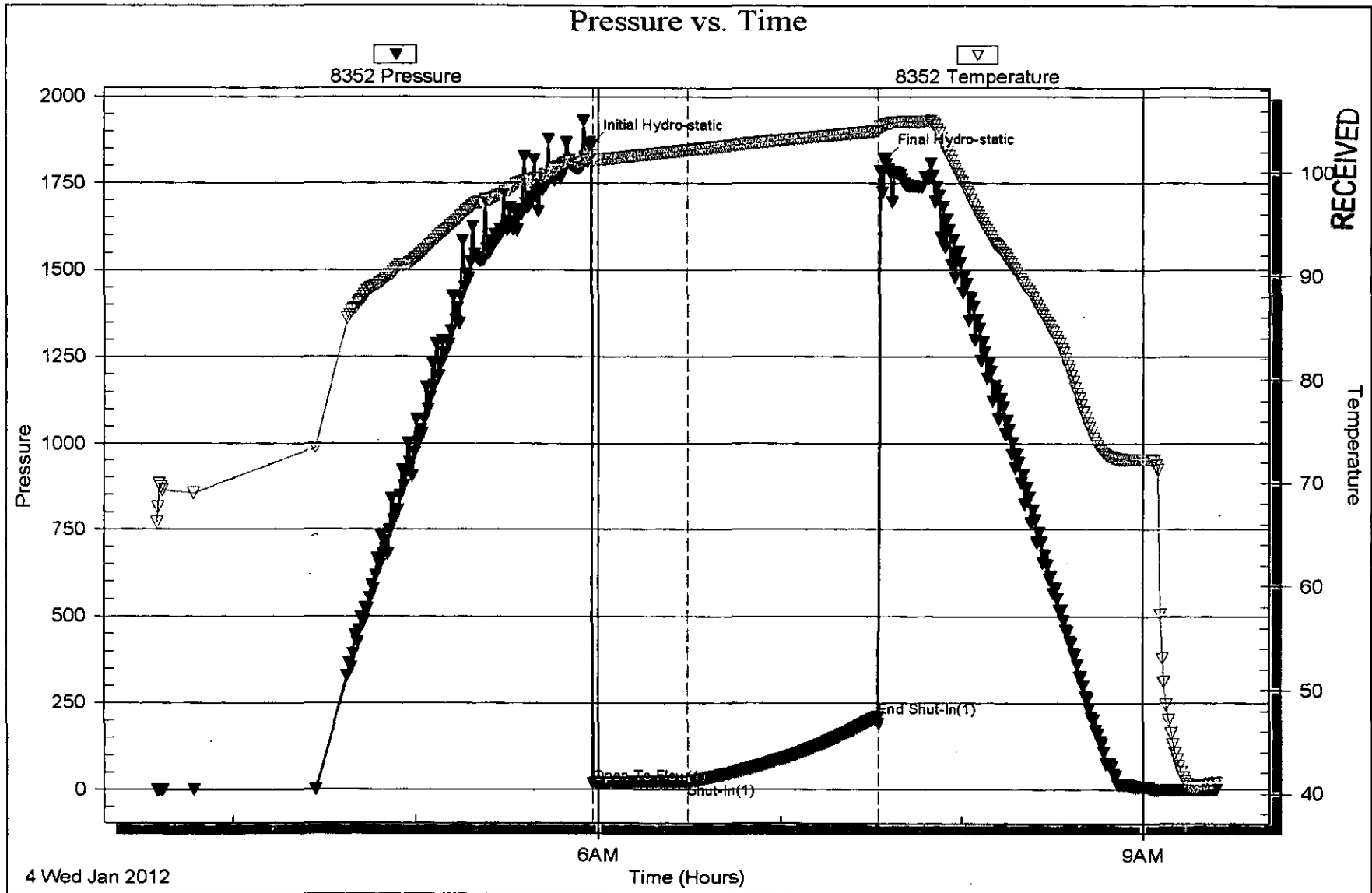
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

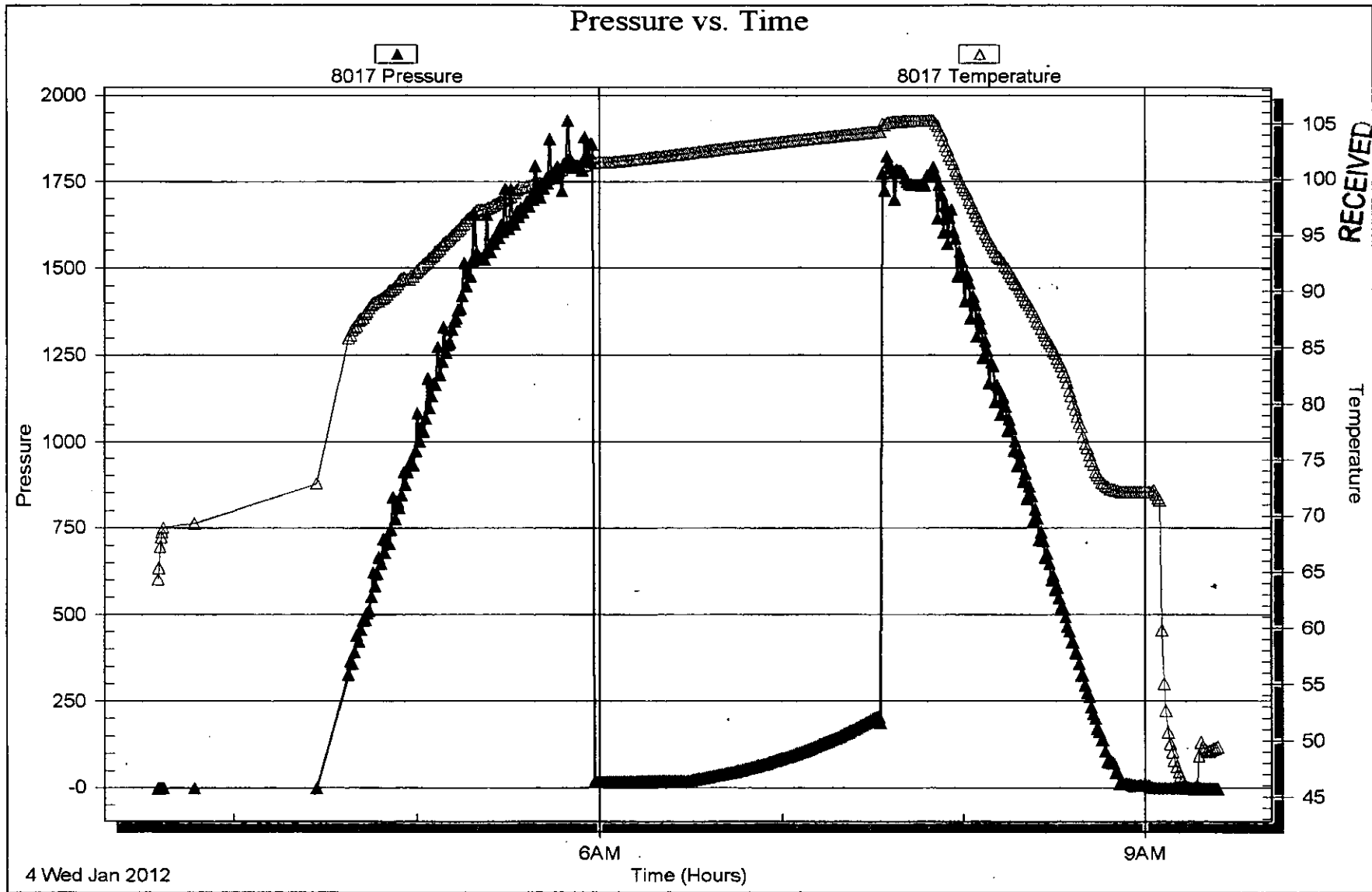
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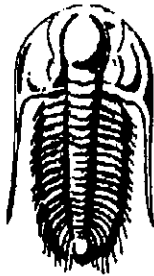
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## DRILL STEM TEST REPORT

Prepared For: **American Warrior inc**

PO Box 399  
Garden City, KS 67846

ATTN: Patrick Balthazor

**Knipp #6-12**

**12-9s-21w Graham,KS**

Start Date: 2012.01.04 @ 17:11:05

End Date: 2012.01.05 @ 01:27:59

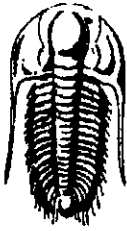
Job Ticket #: 44590                      DST #: 2

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

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Printed: 2012.01.05 @ 16:20:01





**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

American Warrior inc  
 PO Box 399  
 Garden City, KS 67846  
 ATTN: Patrick Balthazor

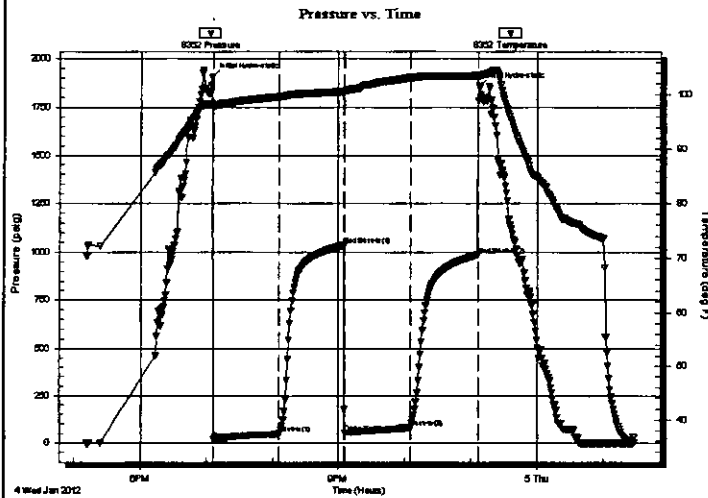
**12-9s-21w Graham,KS**  
**Knipp #6-12**  
 Job Ticket: 44590      DST#: 2  
 Test Start: 2012.01.04 @ 17:11:05

**GENERAL INFORMATION:**

Formation: **Arbuckle**  
 Deviated: No Whipstock      ft (KB)  
 Time Tool Opened: 19:06:00  
 Time Test Ended: 01:27:59  
 Interval: **3636.00 ft (KB) To 3683.00 ft (KB) (TVD)**  
 Total Depth: **3683.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Poor**  
 Test Type: **Conventional Bottom Hole (Reset)**  
 Tester: **Andy Carreira**  
 Unit No: **39**  
 Reference Elevations: **2138.00 ft (KB)**  
**2128.00 ft (CF)**  
 KB to GR/CF: **10.00 ft**

**Serial #: 8352**      **Outside**  
 Press@RunDepth: **82.14 psig @ 3643.00 ft (KB)**      Capacity: **8000.00 psig**  
 Start Date: **2012.01.04**      End Date: **2012.01.05**      Last Calib.: **2012.01.05**  
 Start Time: **17:11:05**      End Time: **01:27:59**      Time On Btm: **2012.01.04 @ 19:05:00**  
 Time Off Btm: **2012.01.04 @ 23:07:39**

**TEST COMMENT:** IF:(60min) 5 inch blow in 20 min. 9 inch blow in 55 min.  
 IS:(60min) No Return  
 FF:(60min) Slow build to 5 inches  
 FSt:(60min) No Return



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1905.94	98.27	Initial Hydro-static
1	22.15	97.80	Open To Flow (1)
61	49.79	99.59	Shut-In(1)
120	1032.64	100.55	End Shut-In(1)
121	55.31	100.48	Open To Flow (2)
180	82.14	103.15	Shut-In(2)
242	985.87	103.53	End Shut-In(2)
243	1857.68	103.62	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
62.00	OCM o=10% m=90%	0.87
124.00	OGO g=10% o=90%	1.74

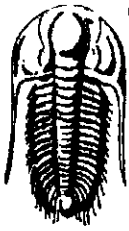
\* Recovery from multiple tests

**Gas Rates**

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

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# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior inc

**12-9s-21w Graham,KS**

PO Box 399  
Garden City, KS 67846

**Knipp #6-12**

Job Ticket: 44590

**DST#: 2**

ATTN: Patrick Balthazor

Test Start: 2012.01.04 @ 17:11:05

## Tool Information

Drill Pipe:	Length: 3633.00 ft	Diameter: 3.80 inches	Volume: 50.96 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 58000.00 lb
		<b>Total Volume:</b>	<b>50.96 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3636.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	67.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

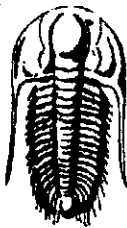
Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3617.00	
Shut In Tool	5.00			3622.00	
Hydraulic tool	5.00			3627.00	
Packer	5.00			3632.00	20.00 Bottom Of Top Packer
Packer	4.00			3636.00	
Stubb	1.00			3637.00	
Perforations	5.00			3642.00	
Change Over Sub	1.00			3643.00	
Recorder	0.00	8017	Inside	3643.00	
Recorder	0.00	8352	Outside	3643.00	
Drill Pipe	31.00			3674.00	
Change Over Sub	1.00			3675.00	
Perforations	5.00			3680.00	
Bullnose	3.00			3683.00	47.00 Bottom Packers & Anchor

**Total Tool Length: 67.00**

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**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior inc  
PO Box 399  
Garden City, KS 67846  
ATTN: Patrick Balthazor

**12-9s-21w Graham,KS**  
**Knipp #6-12**  
Job Ticket: 44590      **DST#: 2**  
Test Start: 2012.01.04 @ 17:11:05

**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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1900.00 ppm			
Filter Cake: inches			

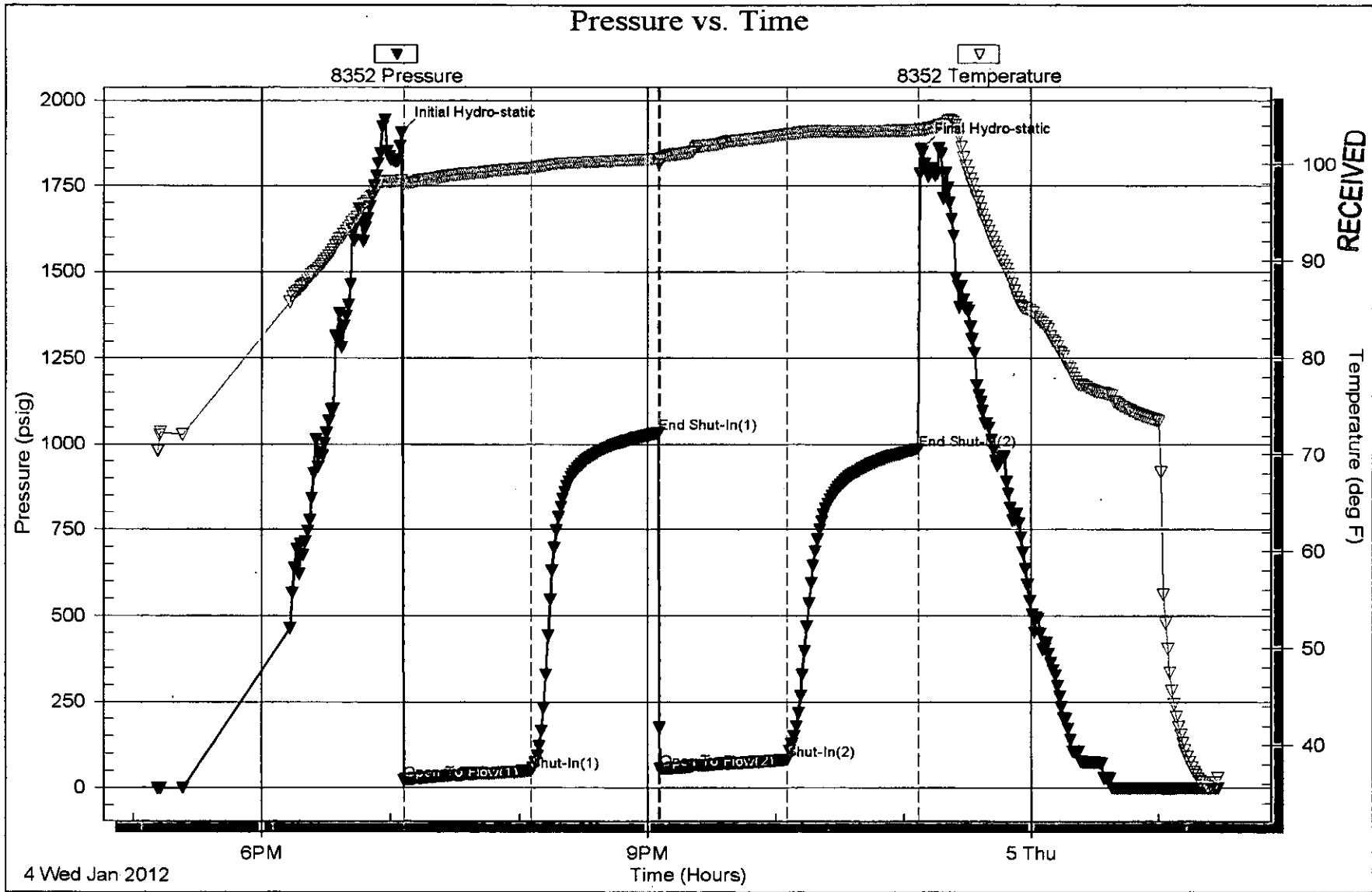
**Recovery Information**

Recovery Table

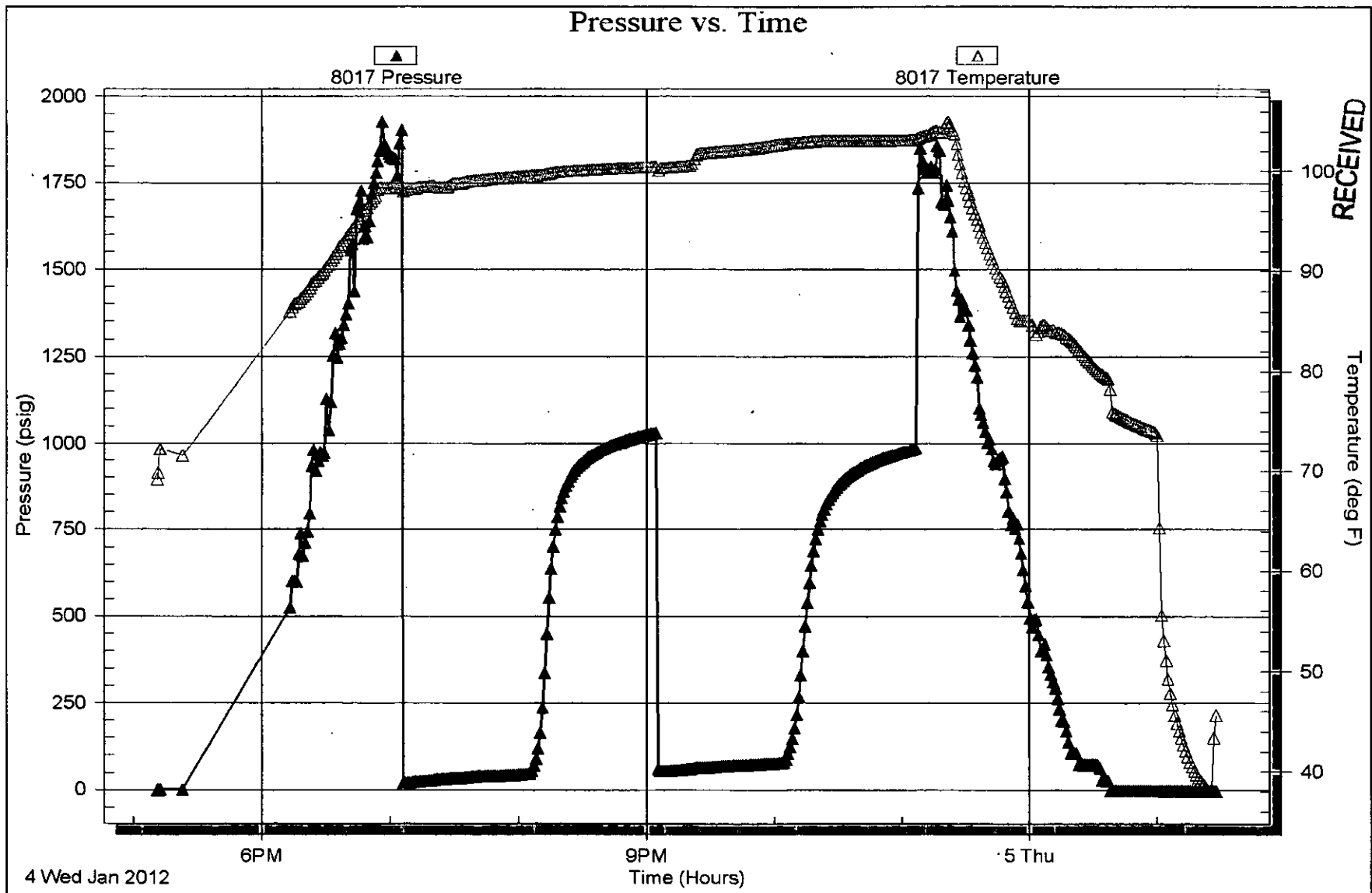
Length ft	Description	Volume bbl
62.00	OCM o=10% m=90%	0.870
124.00	CGO g=10% o=90%	1.739

Total Length: 186.00 ft      Total Volume: 2.609 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

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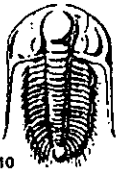
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# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

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JAN 05 2012

## Test Ticket

NO. 44589

Well Name & No. Knipp 6-12 Test No. 1 Date 1-3-12  
 Company American Warrior, Inc Elevation 2138 KB 2128 GL  
 Address 3118 Cummings Rd PO Box 399 Garden City Ks 67846  
 Co. Rep / Geo. Patrick Balthazar Rig VRI #6  
 Location: Sec. 12 Twp. 9S Rge. 21W Co. Graham State Ks

Interval Tested 3588-3670 Zone Tested Arbuckle  
 Anchor Length 82' Drill Pipe Run 3572 Mud Wt. 9.3  
 Top Packer Depth 3583 Drill Collars Run 0 Vis 54  
 Bottom Packer Depth 3588 Wt. Pipe Run 0 WL 68  
 Total Depth 3670 Chlorides 1800 ppm System LCM 2

Blow Description IF: Blow Died in 17 min.  
ISL: NO RETURN Pulled Tool  
FF: —  
FSL: —

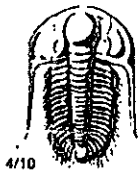
Rec	Feet of	%gas	%oil	%water	%mud
5	mud				

Rec Total 5' BHT 104° Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1859  Test @ 1125' T-On Location 23:16  
 (B) First Initial Flow 18  Jars \_\_\_\_\_ T-Started 03:35  
 (C) First Final Flow 21  Safety Joint \_\_\_\_\_ T-Open 05:57  
 (D) Initial Shut-In 209  Circ Sub \_\_\_\_\_ T-Pulled 07:27  
 (E) Second Initial Flow —  Hourly Standby 1 1/4 hrs 125' T-Out 09:24  
 (F) Second Final Flow —  Mileage 98 RT 137.20 Comments Pulled tool after Initial Shut in.  
 (G) Final Shut-In —  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1816  Straddle \_\_\_\_\_

Initial Open 30  Shale Packer \_\_\_\_\_ **RECEIVED**  
 Initial Shut-In 60  Extra Packer \_\_\_\_\_ **FEB 06 2012**  
 Final Flow —  Extra Recorder KCC WICHITA Sub Total 0  
 Final Shut-In —  Day Standby \_\_\_\_\_ Total 1387.20  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1387.20

Approved By \_\_\_\_\_ Our Representative [Signature]  
 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.

P.O. Box 1733 • Hays, Kansas 67601

## RECEIVED Test Ticket

JAN 05 2012

NO. 44590

BY:

Well Name & No. Knipp 6-12 Test No. 2 Date 1-4-12  
 Company American Warrior Inc Elevation 2138 KB 2128 GL  
 Address 3118 Cummings Rd PO Box 399 Garden City Ks 67846  
 Co. Rep / Geo. Patrick Balthazar Rig VNI #6  
 Location: Sec: 12 Twp. 9S Rge. 2W Co. Graham State Ks

Interval Tested 3636-3683 Zone Tested Arbuckle  
 Anchor Length 47' Drill Pipe Run 3633 Mud Wt. 9.4  
 Top Packer Depth 3631 Drill Collars Run 0 Vis 52  
 Bottom Packer Depth 3636 Wt. Pipe Run 0 WL 7.2  
 Total Depth 3683 Chlorides 1900 ppm System LCM 3#

Blow Description IF: 5 inch blow in 20min, 9 inch blow in 55min  
ISI: No Return  
FF: slow build to 5 inches  
FSI: No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>124</u>	<u>Feet of CB0</u>	<u>10</u>	<u>90</u>		
<u>62</u>	<u>Feet of 0cm</u>		<u>10</u>		<u>90</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 186' BHT 103° Gravity 23' API RW @ ° F Chlorides ppm  
 (A) Initial Hydrostatic 1905'  Test @ 1125' T-On Location 15:58  
 (B) First Initial Flow 22  Jars T-Started 17:11  
 (C) First Final Flow 49  Safety Joint T-Open 19:05  
 (D) Initial Shut-In 1032  Circ Sub T-Pulled 23:05  
 (E) Second Initial Flow 55  Hourly Standby 1/2 hr 50' T-Out 01:28  
 (F) Second Final Flow 82  Mileage @ 98RT 137.20 Comments \_\_\_\_\_  
 (G) Final Shut-In 985'  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1857  Straddle \_\_\_\_\_

Initial Open 60  
 Initial Shut-In 60  
 Final Flow 60  
 Final Shut-In 60

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 Ruined Shale Packer  
 Ruined Packer  
 Extra Copies  
 Sub Total 0  
 Total 1312.20  
 MP/DST Disc't \_\_\_\_\_  
 Sub Total 1312.20

Approved By \_\_\_\_\_ Our Representative Andy Car

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