



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
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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: _____



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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Allphin-Keller 1-30
Doc ID	1107178

Tops

Name	Top	Datum
Anhy	1567'	+516
B/Anhy	1606'	--+477
Topeka	3124'	-1041
Heebner	3328'	-1245
Toronto	3354'	-1271
Lansing	3369'	-1286
B/KC	3588'	-1505
Arbuckle	3659'	-1576

Geological Report

American Warrior, Inc.
Allphin-Keller #1-30
2480' FNL & 1500' FEL
Sec. 30 T10s R20w
Rooks County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Allphin-Keller #1-30
2480' FNL & 1500' FEL
Sec. 30 T10s R20w
Rooks County, Kansas
API # 15-163-24060-0000

Drilling Contractor: Discovery Drilling Co. Inc. Rig #1

Geologist: Jason T Alm

Spud Date: October 22, 2012

Completion Date: October 29, 2012

Elevation: 2075' Ground Level
2083' Kelly Bushing

Directions: Palco KS, South on blacktop 6 mi. to CC Rd. West
1 ½ mi. South on lease road ½ mi. East into
location.

Casing: 210' 8 5/8" surface casing
3771' 5 1/2" production casing

Samples: 10' wet and dry, 3100' to RTD

Drilling Time: 3000' to RTD

Electric Logs: Pioneer Wireline Services "Robert Barnhart"
CNL/CDL, DIL, MEL

Drillstem Tests: Two, Trilobite Testing, Inc. "Kevin Mack"

Problems: None

Remarks: Flow hose was partially plugged during initial flow
of DST #1 causing a weak blow, hose was cleaned
out and final flow was valid.

Formation Tops

Formation	American Warrior, Inc. Allphin-Keller #1-30 Sec. 30 T10s R20w 2480' FNL & 1500' FEL
Anhydrite	1567', +516
Base	1606', +477
Topeka	3124', -1041
Heebner	3328', -1245
Toronto	3354', -1271
Lansing	3369', -1286
BKc	3588', -1505
Arbuckle	3659', -1576
LTD	3772', -1689
RTD	3770', -1687

Significant Sample Zone Descriptions

Topeka 30' zone	(3151', -1068) Not Tested Ls – Sl. Dolo – Fine crystalline with fair inter-crystalline and vuggy porosity, fair even oil stain, fair show of free oil when broken and on cup, good cut fluorescents.
LKc "F" zone	(3450', -1367) Covered in DST #1 Ls – Fine crystalline, oolitic with fair oolitic and vuggy porosity, light to fair spotted oil stain, show of free oil when broken, sour odor, dull yellow spotted fluorescents.
LKc "I" zone	(3521', -1438) Not Tested Ls – Fine to sub-crystalline, oolitic with poor scattered oomoldic and oolitic porosity, very light spotted oil stain in porosity, no show of free oil, mostly dense, poor spotted fluorescents.
LKc "J" zone	(3538', -1455) Covered in DST #2 Ls – Fine crystalline, slightly oolitic with fair inter-crystalline and slight visible fracture porosity, light to fair oil stain and saturation, slight show of free oil, light odor, fair yellow fluorescents.
LKc "K" zone	(3556', -1473) Covered in DST #2 Ls – Fine crystalline, slightly oolitic with fair inter-crystalline and scattered poor oolitic porosity, light to fair oil stain in porosity, fair show of free oil, good odor, light yellow fluorescents.
Arbuckle	(3659', -1576) Not Tested Dolo – Fine to medium rhombic crystalline with fair to good inter-crystalline and vuggy porosity, good oil stain and saturation, good show of free oil, good odor, fair to bright yellow fluorescents.

Drill Stem Tests
Trilobite Testing, Inc.
"Kevin Mack"

DST #1

Lansing-Kansas City "E-F" zones

Interval (3432' - 3455') Anchor Length 23'

IHP	- 1693 #	
IFP	- 45" - B.O.B. 29 min.	18-80 #
ISI	- 45" - Dead	1014 #
FFP	- 45" - B.O.B. 40 min.	83-130 #
FSI	- 45" - Dead	999 #
FHP	- 1664 #	
BHT	- 110°F	

Recovery: 40' OSMW 80% Water
180' MW 95% Water
5' Mud

DST #2

Lansing-Kansas City "J-K" zones

Interval (3530' - 3570') Anchor Length 40'

IHP	- 1750 #	
IFP	- 30" - Built to 1/8 in.	17-45 #
ISI	- 30" - Dead	423 #
FFP	- 45" - B.O.B. 23 min.	47-74 #
FSI	- 45" - Built to 1/4 in.	361 #
FHP	- 1735 #	
BHT	- 106°F	

Recovery: 210' GIP
30' GMCO 60% Oil
62' GMCO 50% Oil
62' GOWCM 25% Oil, 10% Water

Structural Comparison

Formation	American Warrior, Inc.	Sunray DX Oil Co.	Trans-Era Petroleum
	Allphin-Keller #1-30 Sec. 30 T10s R20w 2480' FNL & 1500' FEL	Allphin #2 Sec. 30 T10s R20w C S/2 SW NE	Schneider B #2 Sec. 30 T10s R20w 2310' FSL & 1650' FEL
Anhydrite	1567', +516	NA	1545', +536
Base	1606', +477	NA	NA
Topeka	3124', -1041	NA	NA
Heebner	3328', -1245	3325', -1243	3330', -1249
Toronto	3354', -1271	NA	NA
Lansing	3369', -1286	3363', -1281	3371', -1290
BKc	3588', -1505	NA	NA
Arbuckle	3659', -1576	3656', -1574	3671', -1590



ALLIED

CEMENTING CO., LLC
Cementing & Acidizing Services

CEMENTING LOG

STAGE NO. _____

Date 10-23-12 District Russell KS Ticket No. 56562
 Company American Warrice Rig Ducan 1
 Lease Alphin-Keller Well No. 1-30
 County Rooks State KS
 Location Rooks 65 1/2 W 1/2 S Field _____
into

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 7/8 Type NCW Weight 23 # Collar _____

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. 222 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.0637 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. 13.6037
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type com 32w 29w
 Excess 100%
 Amt. 150 Sks Yield 1.34 ft³/sk Density 15.2 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. 6.4 Sks Yield _____ ft³/sk Density _____ PPG
 WATER: Lead 6.4 gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 417 - Woody D'Neal
 Bulk Equip. 410 - Walter Keith

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Chiff Mayfield

CEMENTER [Signature]

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
						Arrived on location
						safety meeting
						set up
						run 5 ft new 8 7/8 23 # csg
						received circulation
			23 bbl		4 bbl/min	mixed 150 com 32w 29w gel
			13 bbl		2 bbl/min	displace
						shut in
						wash up & turn down
						leave location
						cement did circulate to surface



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

TICKET No 21953

PAGE 1 OF 2

SERVICE LOCATIONS
 1. *Hays, Ks.*
 2. *Ness City, Ks.*
 3.
 4.

WELL/PROJECT NO. *#1-30* LEASE *Allphin-Keller* COUNTY/PARISH *Rooks* STATE *Ks* CITY DATE *10-29-12* OWNER *Sgmc*

TICKET TYPE SERVICE SALES CONTRACTOR *Discovery Drlg #1* RIG NAME/NO. SHIPPED VIA *CT* DELIVERED TO *Location* ORDER NO.

WELL TYPE *oil* WELL CATEGORY *development* JOB PURPOSE *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 <i>#111</i>	40	mi			6 ⁰⁰	240 ⁰⁰
578		1			Pump Charge (Longstring)	1	ea	3770		1500 ⁰⁰	1500 ⁰⁰
221		1			KEL	2	gal			25 ⁰⁰	50 ⁰⁰
281		1			Mud Flush	500	gal			1 ²⁵	625 ⁰⁰
290		1			D-Air	2	gal			35 ⁰⁰	70 ⁰⁰
402		1			Centralizers	8	ea	5 1/2	"	70 ⁰⁰	560 ⁰⁰
403		1			Baskets	2	ea			250 ⁰⁰	500 ⁰⁰
404		1			Part Collar	1	ea			2400 ⁰⁰	2400 ⁰⁰
406		1			L.D. Plug & Buffer	1	ea			250 ⁰⁰	250 ⁰⁰
407		1			Insert Float shoe w/fill	1	ea			350 ⁰⁰	350 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 *[Signature]*
 DATE SIGNED *10-29-12* TIME SIGNED *1600* A.M. P.M.

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? AGREE UN-DECIDED DIS-AGREE

WE UNDERSTOOD AND MET YOUR NEEDS? AGREE UN-DECIDED DIS-AGREE

OUR SERVICE WAS PERFORMED WITHOUT DELAY? AGREE UN-DECIDED DIS-AGREE

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? AGREE UN-DECIDED DIS-AGREE

ARE YOU SATISFIED WITH OUR SERVICE?
 YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 1	6545 ⁰⁰
page 2	4742 ⁷⁵
subtotal	11287 ⁷⁵
TAX	1152 ⁷⁵
TOTAL	11700 ⁶¹

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

SWIFT OPERATOR *Nick Foose* APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 21953

CUSTOMER: American Warrior Inc
WELL #1-3 All Phis Keller
DATE 10-29-12 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
325		2				Standard Cement	175	sk			13.50	2362.50
276		2				Flocele	50	#	1/4 #/gal		2.00	100.00
283		2				Salt	900	#	10 %		20	180.00
284		2				Calseal	8	sk	5 %		35.00	280.00
292		2				Halad-322	125	#	3/4 %			968.75
581		2				SERVICE CHARGE					2.00	350.00
583		2				MILEAGE CHARGE					1.00	366.50
						TOTAL WEIGHT	175	sk				
						LOADED MILES	40					
						TON MILES	366.5					

CONTINUATION TOTAL 4742.75
4607



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

TICKET
 N^o 22914

PAGE 1 OF 1

1. SERVICE LOCATIONS <i>Hays ks</i>	WELL/PROJECT NO. <i>1-30</i>	LEASE <i>Allphin - Keller</i>	COUNTY/PARISH <i>Rooks</i>	STATE <i>Ks</i>	CITY	DATE <i>11-5-12</i>	OWNER
2. <i>Ness City ks</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Express well</i>	RIG NAME/NO.	SHIPPED <i>VIA CT</i>	DELIVERED TO <i>Location</i>	ORDER NO.	
3.	WELL TYPE <i>Oil</i>	WELL CATEGORY <i>Develop</i>	JOB PURPOSE <i>Cement Port Collar</i>	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
<i>575</i>		<i>1</i>			<i>MILEAGE #112</i>	<i>40</i>	<i>m</i>			<i>6.00</i>	<i>240</i>	<i>.00</i>
<i>576</i>		<i>1</i>			<i>Pump Charge Port Collar</i>	<i>1</i>	<i>ea</i>			<i>1250.00</i>	<i>1250</i>	<i>.00</i>
<i>290</i>		<i>1</i>			<i>D-A-T</i>	<i>2</i>	<i>gal</i>			<i>35.00</i>	<i>70</i>	<i>.00</i>
<i>276</i>		<i>2</i>			<i>flocele</i>	<i>50</i>	<i>lbs</i>			<i>2.00</i>	<i>100</i>	<i>.00</i>
<i>330</i>		<i>2</i>			<i>Swift Multi Density</i>	<i>125</i>	<i>skt</i>			<i>16.50</i>	<i>2062</i>	<i>.50</i>
<i>581</i>		<i>2</i>			<i>Service Charge Cement</i>	<i>175</i>	<i>skt</i>			<i>2.00</i>	<i>350</i>	<i>.00</i>
<i>583</i>		<i>2</i>			<i>Drayage</i>	<i>368.29</i>	<i>tm</i>			<i>1.00</i>	<i>368</i>	<i>.20</i>

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

X
 DATE SIGNED *11-5-12* TIME SIGNED *1200* 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?			
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			

PAGE TOTAL	<i>4440</i>	<i>70</i>
TOTAL	<i>4581</i>	<i>35</i>

Rooks TAX 6.3% *140.65*

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

SWIFT OPERATOR
John Brownell

APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 11-5-12 PAGE NO.

CUSTOMER **AWI** WELL NO. **1-30** LEASE **Alph. n-Keller** JOB TYPE **Cement Port Collar** TICKET NO. **22914**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							on location PC @ 1553 2 3/8 x 5 1/2
	1215			X	✓	1000	1000	Pressure test
	1220							open Port Collar
	1220	2			✓		300	Injection Rate
	1225	5			✓	400		Start cement 125 sks 25 no pit
	1240		5 1/2		✓			Displace
	1245						1000	close Port collar
								Run 5 joints
	1255							Reverse Out Clean
	1400							Job Complete
								Thank You Josh, Royer, Jan, Doug



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City KS 67846

ATTN: Jason Alm

Allphin-Keller #1-30

30-10s-20w Rooks,KS

Start Date: 2012.10.27 @ 10:45:00

End Date: 2012.10.27 @ 17:01:15

Job Ticket #: 48096 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.31 @ 10:03:06

American Warrior, Inc.

30-10s-20w Rooks,KS

Allphin-Keller #1-30

DST # 1

LKC "E-F"

2012.10.27



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

30-10s-20w Rooks,KS
Allphin-Keller #1-30
Job Ticket: 48096 **DST#: 1**
Test Start: 2012.10.27 @ 10:45:00

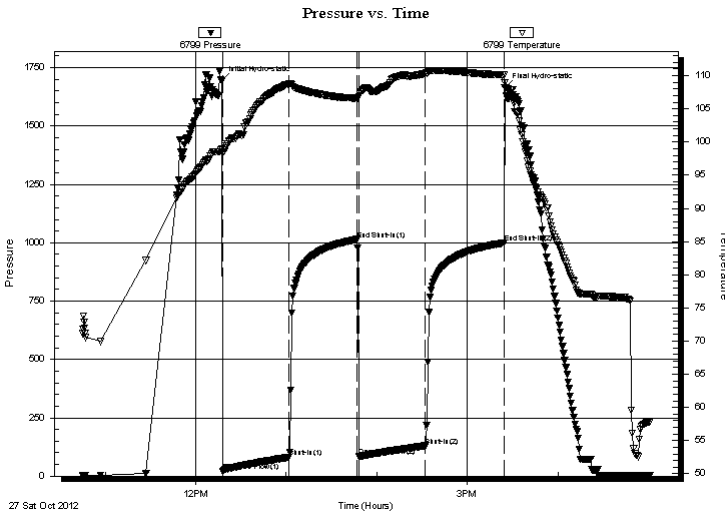
GENERAL INFORMATION:

Formation: **LKC "E-F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:18:00
Time Test Ended: 17:01:15
Interval: **3432.00 ft (KB) To 3455.00 ft (KB) (TVD)**
Total Depth: 3455.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Kevin Mack/Ryan Nich
Unit No: 43
Reference Elevations: 2085.00 ft (KB)
2075.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6799 Inside
Press @ Run Depth: 129.60 psig @ 3433.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.10.27 End Date: 2012.10.27 Last Calib.: 2012.10.27
Start Time: 10:45:05 End Time: 17:01:14 Time On Btm: 2012.10.27 @ 12:17:15
Time Off Btm: 2012.10.27 @ 15:24:45

TEST COMMENT: 45- IF- 1" Blow built to BoB in 29 mins.
45- IS- No Return
45- FF- Surface Blow built to BoB in 40 min.
45- FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1693.27	98.92	Initial Hydro-static
1	18.92	98.26	Open To Flow (1)
45	80.86	108.78	Shut-In(1)
90	1014.03	106.59	End Shut-In(1)
91	83.45	106.82	Open To Flow (2)
135	129.60	110.34	Shut-In(2)
187	998.96	110.10	End Shut-In(2)
188	1664.18	108.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100M	0.02
180.00	MW 5M 95W	2.30
40.00	OSMW 20M 80W (oil spots)	0.56

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

30-10s-20w Rooks,KS

PO Box 399
Garden City KS 67846

Allphin-Keller #1-30

Job Ticket: 48096

DST#: 1

ATTN: Jason Alm

Test Start: 2012.10.27 @ 10:45:00

Tool Information

Drill Pipe:	Length: 3386.00 ft	Diameter: 3.80 inches	Volume: 47.50 bbl	Tool Weight:	2000.00 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:	60000.00 lb
			<u>Total Volume: 47.65 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3432.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	23.00 ft				
Tool Length:	44.00 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			3412.00	
Shut In Tool	5.00			3417.00	
Hydraulic tool	5.00			3422.00	
Packer	5.00			3427.00	21.00 Bottom Of Top Packer
Packer	5.00			3432.00	
Stubb	1.00			3433.00	
Recorder	0.00	8648	Inside	3433.00	
Recorder	0.00	6799	Inside	3433.00	
Perforations	17.00			3450.00	
Bullnose	5.00			3455.00	23.00 Bottom Packers & Anchor
Total Tool Length:	44.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

30-10s-20w Rooks,KS

PO Box 399
Garden City KS 67846

Allphin-Keller #1-30

Job Ticket: 48096

DST#: 1

ATTN: Jason Alm

Test Start: 2012.10.27 @ 10:45:00

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100M	0.025
180.00	MW 5M 95W	2.297
40.00	OSMW 20M 80W (oil spots)	0.561

Total Length: 225.00 ft Total Volume: 2.883 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

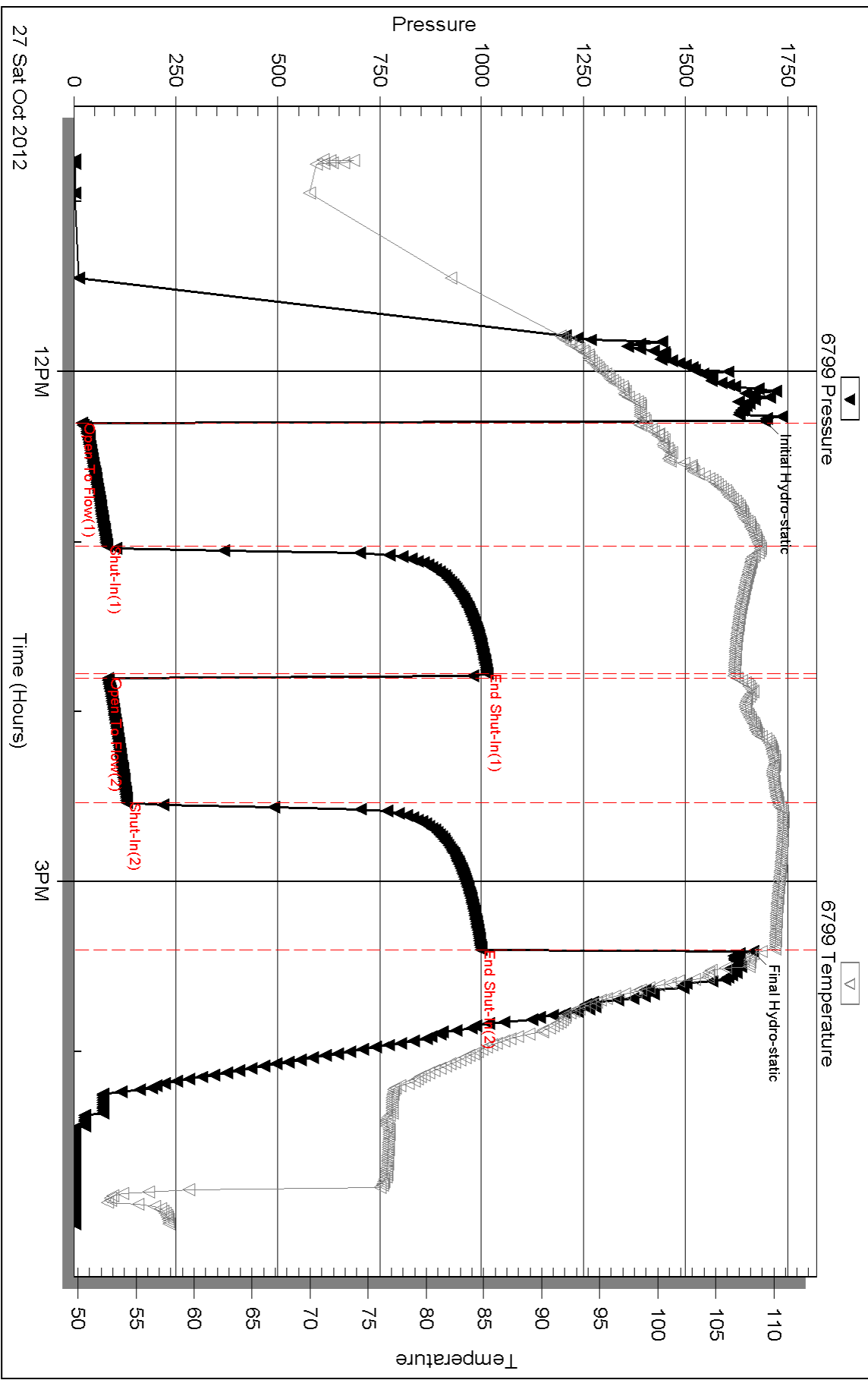
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



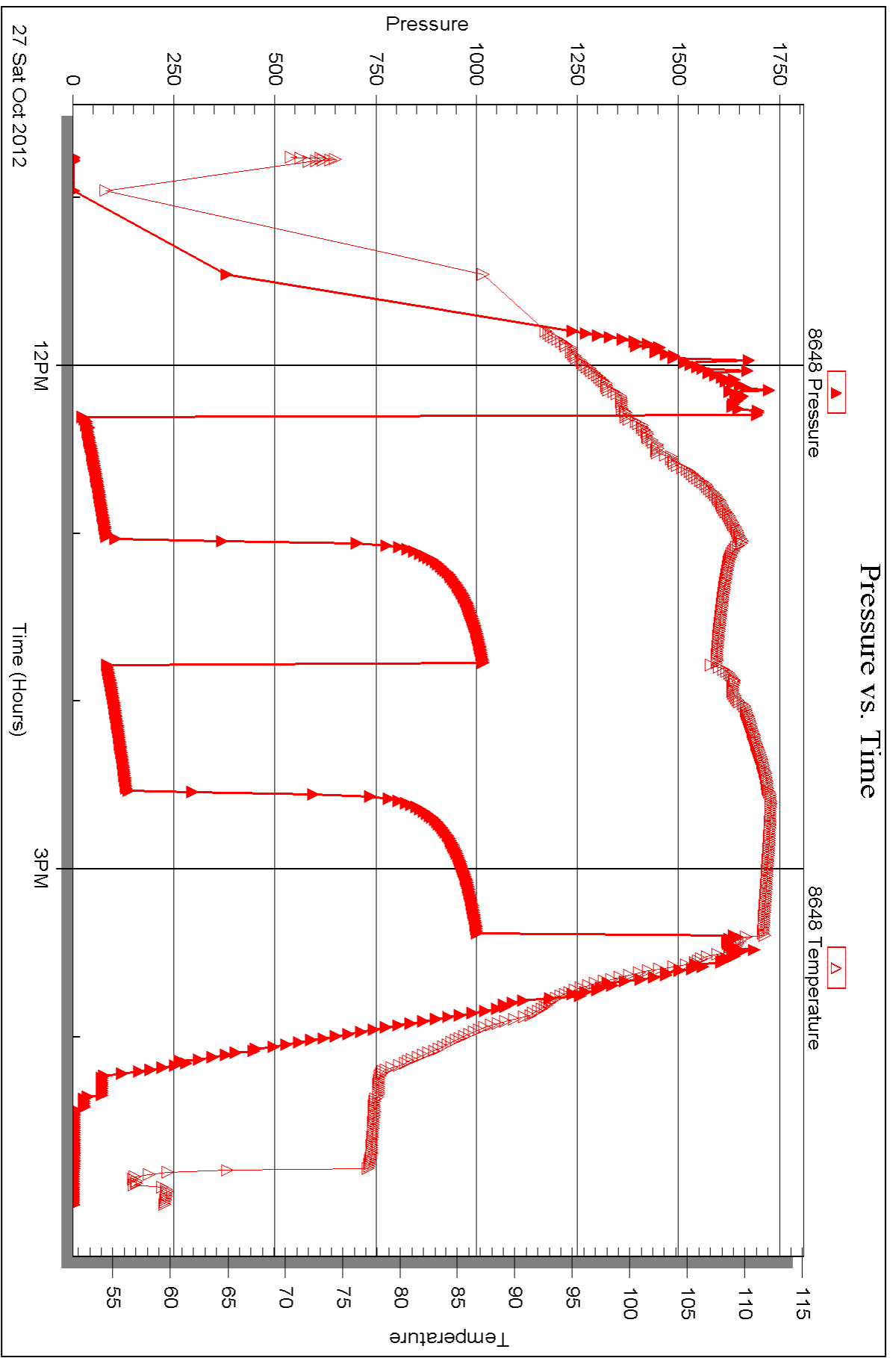
Serial #: 8648

Inside

American Warrior, Inc.

Alphin-Keller #1-30

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 48096

Printed: 2012.10.31 @ 10:03:11



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City KS 67846

ATTN: Jason Alm

Allphin-Keller #1-30

30-10s-20w Rooks,KS

Start Date: 2012.10.28 @ 04:42:00

End Date: 2012.10.28 @ 10:36:00

Job Ticket #: 48097 DST #: 2

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

Printed: 2012.10.31 @ 10:02:08

American Warrior, Inc.
30-10s-20w Rooks,KS
Allphin-Keller #1-30
DST # 2
LKC "J-K"
2012.10.28



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

30-10s-20w Rooks,KS
Allphin-Keller #1-30
 Job Ticket: 48097 **DST#: 2**
 Test Start: 2012.10.28 @ 04:42:00

GENERAL INFORMATION:

Formation: **LKC "J-K"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 06:12:45 Tester: Kevin Mack/Ryan Nich
 Time Test Ended: 10:36:00 Unit No: 43
 Interval: **3530.00 ft (KB) To 3570.00 ft (KB) (TVD)** Reference Elevations: 2085.00 ft (KB)
 Total Depth: 3570.00 ft (KB) (TVD) 2075.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

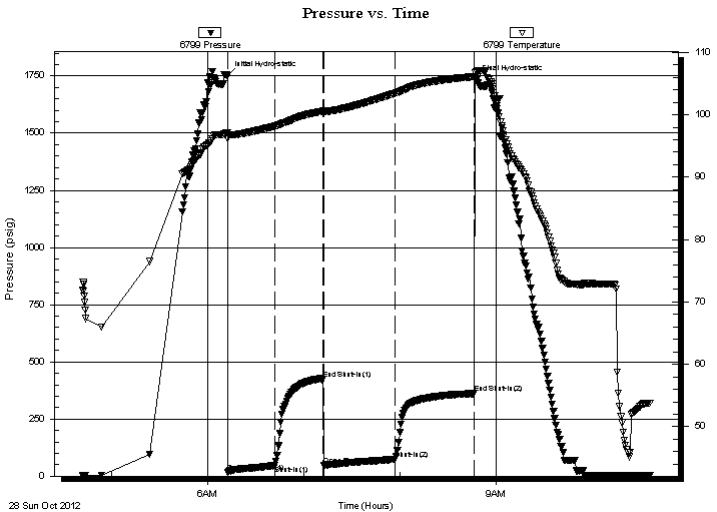
Serial #: 6799

Inside

Press @ Run Depth: 74.21 psig @ 3531.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.28 End Date: 2012.10.28 Last Calib.: 2012.10.28
 Start Time: 04:42:05 End Time: 10:35:59 Time On Btm: 2012.10.28 @ 06:12:30
 Time Off Btm: 2012.10.28 @ 08:47:15

TEST COMMENT: 30 - IF- 1/8" Blow died back to surface blow
 30 - IS- no return
 45 - FF- Surface blow built to BoB in 23 mins
 45 - FS- Surface return built to 1/4"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1750.52	97.09	Initial Hydro-static
1	16.87	96.12	Open To Flow (1)
30	45.92	98.18	Shut-In(1)
60	423.05	100.58	End Shut-In(1)
61	46.92	100.51	Open To Flow (2)
105	74.21	103.44	Shut-In(2)
154	361.17	106.11	End Shut-In(2)
155	1735.19	106.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	GOCWM - 25%G - 25%o - 10%W - 40%N0.60	0.60
62.00	GMCO - 30%G - 50%o - 20%M	0.87
30.00	GMCO - 10%G - 60%o - 30%M	0.42
0.00	210' - GIP	0.00

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: Jason Alm

30-10s-20w Rooks,KS
Allphin-Keller #1-30
Job Ticket: 48097 **DST#: 2**
Test Start: 2012.10.28 @ 04:42:00

GENERAL INFORMATION:

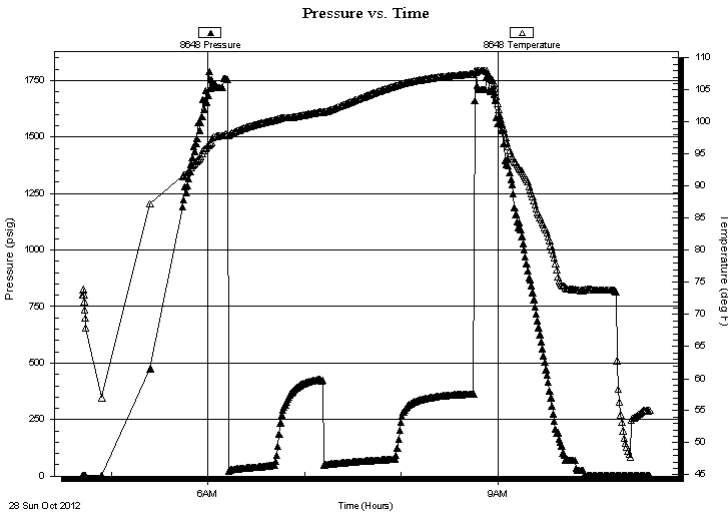
Formation: LKC "J-K"			Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock:	ft (KB)		Tester: Kevin Mack/Ryan Nich
Time Tool Opened: 06:12:45			Unit No: 43
Time Test Ended: 10:36:00			Reference Elevations: 2085.00 ft (KB)
Interval: 3530.00 ft (KB) To 3570.00 ft (KB) (TVD)			2075.00 ft (CF)
Total Depth: 3570.00 ft (KB) (TVD)			KB to GR/CF: 10.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Good		

Serial #: 8648 Inside

Press @ Run Depth: psig @ 3531.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2012.10.28	End Date: 2012.10.28
Start Time: 04:42:05	End Time: 10:34:29
	Last Calib.: 2012.10.28
	Time On Btm:
	Time Off Btm:

TEST COMMENT: 30 - IF- 1/8" Blow died back to surface blow
30 - IS- no return
45 - FF- Surface blow built to BoB in 23 mins
45 - FS- Surface return built to 1/4"

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
62.00	GOCWM - 25%G - 25%o - 10%W - 40%N	0.60
62.00	GMCO - 30%G - 50%o - 20%M	0.87
30.00	GMCO - 10%G - 60%o - 30%M	0.42
0.00	210' - GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

30-10s-20w Rooks,KS

PO Box 399
Garden City KS 67846

Allphin-Keller #1-30

Job Ticket: 48097

DST#: 2

ATTN: Jason Alm

Test Start: 2012.10.28 @ 04:42:00

Tool Information

Drill Pipe:	Length: 3511.00 ft	Diameter: 3.80 inches	Volume: 49.25 bbl	Tool Weight: 2000.00 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: 64000.00 lb
			<u>Total Volume: 49.40 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3530.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	61.00 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			3510.00	
Shut In Tool	5.00			3515.00	
Hydraulic tool	5.00			3520.00	
Packer	5.00			3525.00	21.00 Bottom Of Top Packer
Packer	5.00			3530.00	
Stubb	1.00			3531.00	
Recorder	0.00	8648	Inside	3531.00	
Recorder	0.00	6799	Inside	3531.00	
Perforations	2.00			3533.00	
Change Over Sub	1.00			3534.00	
Drill Pipe	32.00			3566.00	
Change Over Sub	1.00			3567.00	
Bullnose	3.00			3570.00	40.00 Bottom Packers & Anchor

Total Tool Length: 61.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

30-10s-20w Rooks,KS

PO Box 399
Garden City KS 67846

Allphin-Keller #1-30

Job Ticket: 48097

DST#: 2

ATTN: Jason Alm

Test Start: 2012.10.28 @ 04:42:00

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	GOCWM - 25%G - 25%o - 10%W - 40%M	0.596
62.00	GMCO - 30%G - 50%o - 20%M	0.870
30.00	GMCO - 10%G - 60%o - 30%M	0.421
0.00	210' - GIP	0.000

Total Length: 154.00 ft

Total Volume: 1.887 bbl

Num Fluid Samples: 0

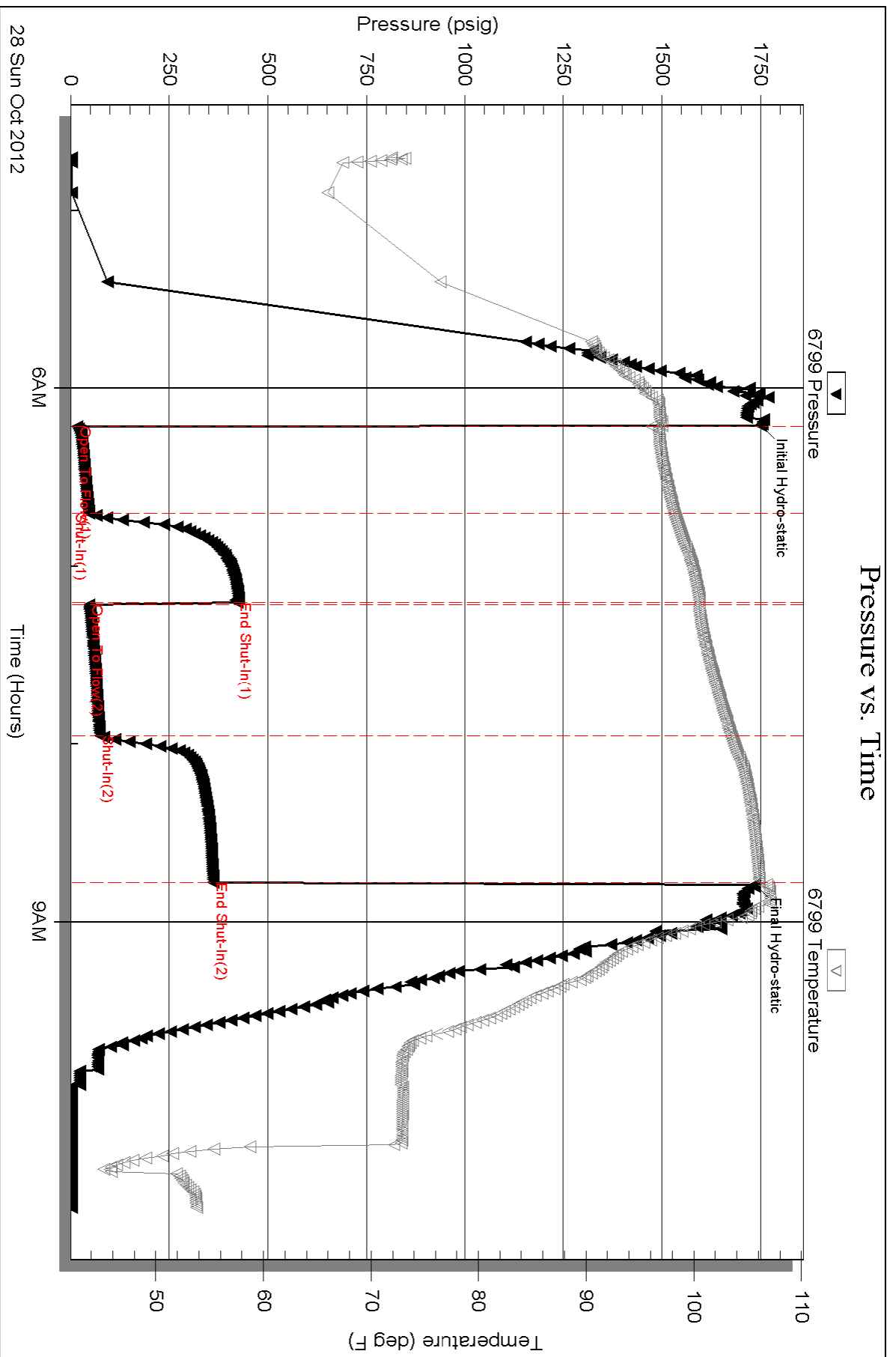
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



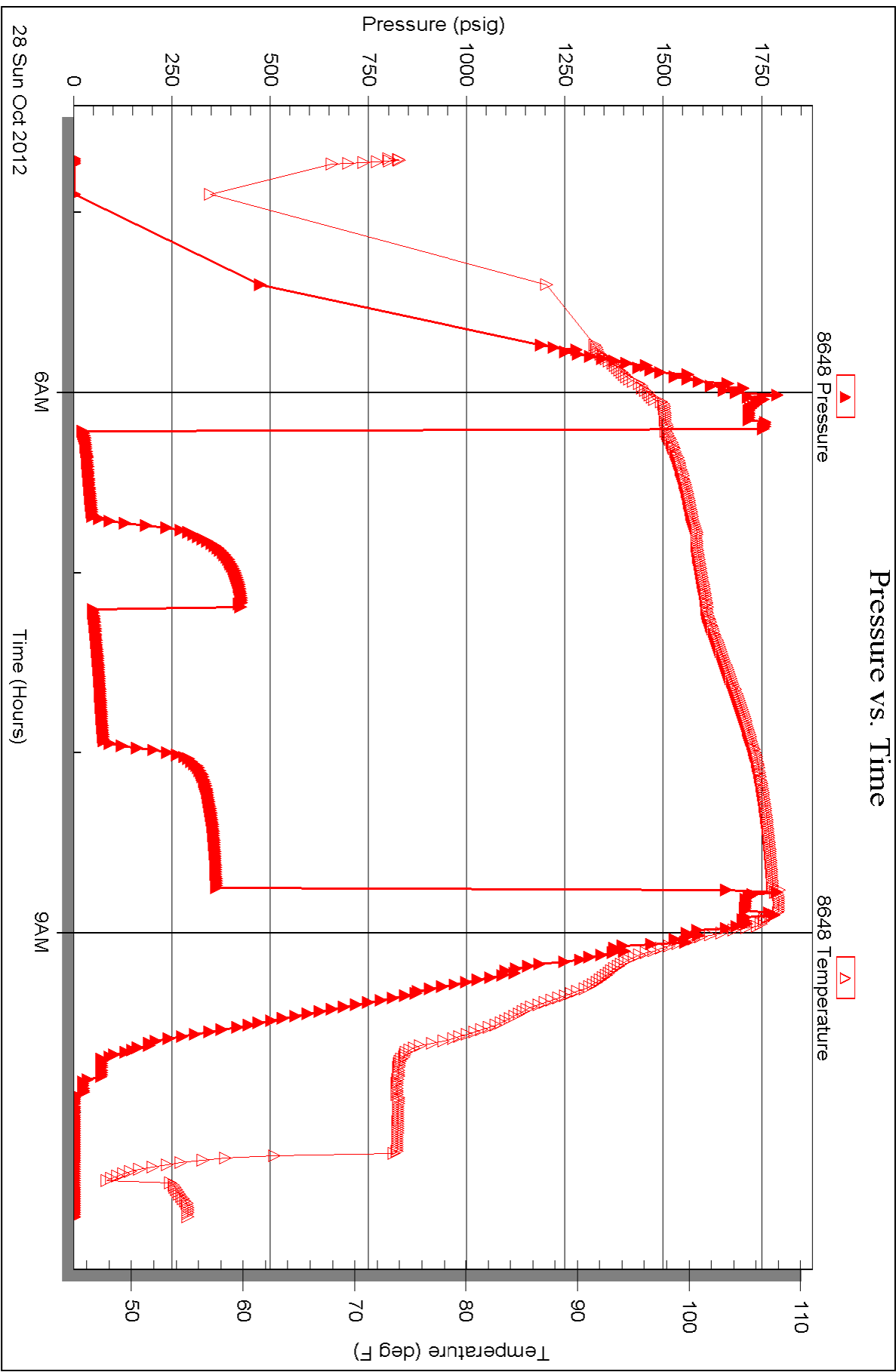
Serial #: 8648

Inside

American Warrior, Inc.

Alphih-Keller #1-30

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48096

Well Name & No. Alleghin-Keller #1-30 Test No. 1 Date 10-27-12
 Company American Warrior, Inc. Elevation 2085 KB 2075 GL
 Address 3118 Cummings Rd Garden City KS 67846
 Co. Rep / Geo. Jason Alm Rig Discovery 1
 Location: Sec. 30 Twp. 10S Rge. 20W Co. Rooks State KS

Interval Tested 3432-3455 Zone Tested LKC "E-F"
 Anchor Length 23' Drill Pipe Run 3432 Mud Wt. 8.7
 Top Packer Depth 3428 Drill Collars Run 30' Vis 53
 Bottom Packer Depth 3432 Wt. Pipe Run 0 WL 7.6
 Total Depth 3455 Chlorides 1000 ppm System LCM 1.5
 Blow Description IF- 1" Blow built to Bob 29 min.
IS-
FF- Surface Blow built to Bob in 40 min
FB-

Rec	Feet of	%gas	SPOTS	%oil	%water	%mud
<u>40</u>	<u>OS MW</u>			<u>80</u>	<u>20</u>	
<u>180</u>	<u>MW</u>			<u>95</u>	<u>5</u>	
<u>5</u>	<u>Mud (heavy)</u>				<u>100</u>	

Rec Total 225 BHT 110 Gravity — API RW .11 @ 57 ° F Chlorides 85,000 ppm
 (A) Initial Hydrostatic 1693 Test 1150 T-On Location 10:30 AM
 (B) First Initial Flow 18 Jars NIC T-Started 10:45 AM
 (C) First Final Flow 80 Safety Joint _____ T-Open 12:18 PM
104 Circ Sub NIC T-Pulled 3:18 PM
 (D) Initial Shut-In _____ Hourly Standby _____ T-Out 5:00 PM
 (E) Second Initial Flow 83 Mileage 70rt ~~204 RT~~ 108.50 Comments _____
 (F) Second Final Flow 129 Sampler _____
 (G) Final Shut-In 998 Straddle _____ Ruined Shale Packer _____
 (H) Final Hydrostatic 1664 Shale Packer _____ Ruined Packer _____
 Initial Open 45 Extra Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Recorder _____ Sub Total 0
 Final Flow 45 Day Standby _____ Total 1258.50
 Final Shut-In 45 Accessibility _____ MP/DST Disc't _____
 Sub Total 1258.50

Approved By _____

Our Representative

Trinity Ryan Nickers

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

Test Ticket

NO. 48097

Well Name & No. Alphin - Keller # 1-30 Test No. 2 Date 10-28-12
 Company American Warrior, Inc. Elevation 2085 KB 2075 GL
 Address 348 Cummings Rd Garden City KS 67846
 Co. Rep / Geo. Jason Alm Rig Discovery 1
 Location: Sec. 30 Twp. 10S Rge. 20W Co. Rooks State KS

Interval Tested 3530' - 3570' Zone Tested LKC "J-K"
 Anchor Length 40' Drill Pipe Run 3511' Mud Wt. 8.7
 Top Packer Depth ~~3530'~~ 3526' Drill Collars Run 30' Vis 53
 Bottom Packer Depth 3530' Wt. Pipe Run 0 WL 7.6
 Total Depth 3570' Chlorides 1000 ppm System LCM 1.5

Blow Description IF - 1/8" Blow died to surface blow
IS - no return
FF - Surface blow built to BoB in 23 mins
FS - Surface return built to 1/4"

Rec	Feet of	%gas	%oil	%water	%mud
210	GIP	100			
30	GMC0	10	60		30
62	GML0	30	50		20
62	60000 GOCUM	25	25	10	40
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 154 BHT 106 Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic 1750 Test 1150 T-On Location 4:30 AM
 (B) First Initial Flow 16 Jars T-Started 4:42 AM
 (C) First Final Flow 45 Safety Joint T-Open 6:13 AM
 (D) Initial Shut-In 423 Circ Sub N/C T-Pulled 8:43 AM
 (E) Second Initial Flow 46 Hourly Standby T-Out 10:36 AM
 (F) Second Final Flow 74 Mileage 204 RT 108.50
 (G) Final Shut-In 361 Sampler
 (H) Final Hydrostatic 1735 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer

Initial Open 30 Extra Packer Extra Copies
 Initial Shut-In 36 Extra Recorder Sub Total 0
 Final Flow 45 Day Standby Total 1258.50
 Final Shut-In 45 Accessibility MP/DST Disc't
 Sub Total 1258.50

Approved By _____ Our Representative [Signature] training RYAN NICHOLS
 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.