



KANSAS CORPORATION COMMISSION 1081918
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4058
Name: American Warrior, Inc.
Address 1: 3118 Cummings Rd
Address 2: PO BOX 399
City: GARDEN CITY State: KS Zip: 67846 +
Contact Person: Scott Corsari
Phone: (785) 398-2270
CONTRACTOR: License # 33323
Name: Petromark Drilling, LLC
Wellsite Geologist: Jason Alm
Purchaser: NCRA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
- Plug Back: _____ Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>10/30/2011</u>	<u>11/06/2011</u>	<u>01/09/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-135-25255-00-00

Spot Description: _____

SW NE SW NW Sec. 19 Twp. 18 S. R. 21 East West
1675 Feet from North / South Line of Section
860 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Ness

Lease Name: Brehm-Kleweno Well #: 4-19

Field Name: Wunder

Producing Formation: Mississippiian

Elevation: Ground: 2138 Kelly Bushing: 2144

Total Depth: 4242 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 1405 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: 26000 ppm Fluid volume: 160 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: American Warrior, Inc

Lease Name: Jensen License #: 4058

Quarter SE Sec. 27 Twp. 18 S. R. 21 East West

County: Ness Permit #: D28235

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: Deanna Garrison Date: 05/21/2012



1081918

Operator Name: American Warrior, Inc. Lease Name: Brehm-Kleweno Well #: 4-19
 Sec. 19 Twp. 18 S. R. 21 East West County: Ness

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

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

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	1405	SMD	425	1/4# Flocele
Production	7.875	5.5	15.5	4241	EA-2	175	1/4# Flocele

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-2200	SMD	125	1/4# Flocele

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
4	4226-4232		

TUBING RECORD:	Size: <u>2.375</u>	Set At: <u>4240</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>01/09/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls. <u>5</u>	Gas Mcf	Water Bbls. <u>25</u>	Gas-Oil Ratio <u>39</u> Gravity

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: <u>4226-4232</u>
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Brehm-Kleweno 4-19
Doc ID	1081918

Tops

Name	Top	Depth
Anhydrite	1397	747
Heebner	3601	-1457
Lansing	3647	-1503
Base Kansas City	3965	-1821
Pawnee	4048	-1904
Ft. Scott	4128	-1984
Cherokee	4143	-1999
Mississippian	4224	-2080
TD	4242	-2098

JOB LOG

SWIFT Services, Inc.

DATE 10-31-11 PAGE NO. 7

CUSTOMER *AME* WELL NO. *4-19* LEASE *Brohm-Kelwood Cement Surface* JOB TYPE *Cement Surface* TICKET NO. *20389*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		TD 11/14	DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING		
	2130 2230								Relocation - Rig pulling D.P. Steel 8 5/8" casing to 1413' Shoe Jt 40' + lost Cement on 45' marked Insert float / no fill up Set up Tek
	1230								Rig fin run casing
	1240								Fill Pipe
	1250								Start CIR
									Chain down casing
	1320								Rig fin CIR - Hook up Swift
	1325	5	17				300		Pump 50 gal Man. fluid
		5	30	32			300		Pump 30 BBL KCl flush
									Fill Tank
		5					300		Start SMD cement - 100 SK @ 11.5 #/gal
		5	42						150 SKS @ 12.5 #/gal
		5	99						100 SKS @ 13 #/gal
		5	133						75 SKS @ 14.5 #/gal
			148						Fin cement - Release Top Plug.
		1 1/2					300		Start Displ
		6 1/2					400		Cement CIR @ 70 BBL Displ
	0215	0	87 1/2				100 50		Fin Displ - Plug Down Hold - Release + Hold Wash up & Pack up Tek
									100 SKS @ 11.8 #/gal CIR to PIT
	0315								<i>Handwritten signature</i> Man, Brian / Long



CHARGE TO:
 American Wellco, Inc
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET
 20399
 PAGE 1 OF 1

SERVICE LOCATIONS 1. <i>Haystack</i>	WELL/PROJECT NO. <i>4-19</i>	LEASE <i>Brehm-Klewen</i>	COUNTY/PARISH <i>Ness</i>	STATE <i>Ks</i>	CITY	DATE <i>10-31-11</i>	OWNER
2. <i>Ness City, Ks</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Patro Mart</i>	RIG NAME/NO.	SHIPPED VIA <i>CT</i>	DELIVERED TO <i>N/Bezing, Ks</i>	ORDER NO.	
3.	WELL TYPE <i>oil</i>	WELL CATEGORY <i>infab</i>	JOB PURPOSE <i>Cement Drop Surface</i>	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.	UM	
<i>575</i>		<i>1</i>			MILEAGE # <i>113</i>	<i>20</i>	<i>Mi</i>	<i>600</i>		<i>12000</i>
<i>576-D</i>		<i>1</i>			<i>Pump Charge - Drop Surface</i>	<i>1100</i>	<i>ft.</i>	<i>12.50</i>		<i>137500</i>
<i>577-290</i>		<i>1</i>			<i>D-AIR</i>	<i>5</i>	<i>gal</i>	<i>3500</i>		<i>17500</i>
<i>321</i>		<i>1</i>			<i>Liquid HCL</i>	<i>2</i>	<i>gal</i>	<i>2500</i>		<i>5000</i>
<i>281</i>		<i>1</i>			<i>Mud Flush</i>	<i>500</i>	<i>gal</i>	<i>100</i>		<i>50000</i>
<i>-101</i>		<i>1</i>			<i>Insert Float w/o Ank fill</i>	<i>1</i>	<i>pc</i>	<i>25000</i>		<i>25000</i>
<i>-410</i>		<i>1</i>			<i>Top Plug</i>	<i>1</i>	<i>pc</i>	<i>10000</i>		<i>10000</i>
<i>409</i>		<i>1</i>			<i>Turbalizers</i>	<i>3</i>	<i>pc</i>	<i>10000</i>		<i>10000</i>
<i>330</i>		<i>2</i>			<i>SMD Cement</i>	<i>425</i>	<i>sk</i>	<i>16.50</i>		<i>7012.50</i>
<i>276</i>		<i>2</i>			<i>Floccs</i>	<i>106</i>	<i>lbs</i>	<i>200</i>		<i>21200</i>
<i>51</i>		<i>2</i>			<i>Service Charge</i>	<i>425</i>	<i>sk</i>	<i>200</i>		<i>85000</i>
<i>583</i>		<i>2</i>			<i>Draysge</i>	<i>422.92</i>	<i>lbs</i>	<i>180</i>		<i>432.92</i>

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
 DATE SIGNED *10-31-11* TIME SIGNED *2:30* 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?					<i>11042.42</i>
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
 SWIFT OPERATOR *[Signature]* APPROVAL

Thank You!



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

TICKET
 N° **22437**

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>NO 1, 7g KS</u>	WELL/PROJECT NO. <u>H-19</u>	LEASE <u>Boehm-Klewano</u>	COUNTY/PARISH <u>NOO</u>	STATE <u>KS</u>	CITY <u>Bazine</u>	DATE <u>6 NOV 11</u>	OWNER
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>PETROBRAS</u>	RIG NAME/NO. <u>1</u>	SHIPPED <u>VET</u>	DELIVERED TO <u>location</u>	ORDER NO.	
3.	WELL TYPE <u>oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>cement lng string</u>	WELL PERMIT NO.	WELL LOCATION <u>19-185-21W</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	20	mi			6.00	120.00
578		1			Pump Charges	1	ea			1500.00	1500.00
402		1			Centralizer	52	in	5	ea	7.00	350.00
403		1			Cement Basket	52	in	1	ea	250.00	250.00
406		1			Latch drum plug & baffle	52	in	1	ea	250.00	250.00
407		1			Insert Fluit sleeve w/AUTOFILL	52	in	1	ea	350.00	350.00
419		1			Rotating head rods	44	in	1	ea	200.00	200.00

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

x Brett Conner
 DATE SIGNED 11-7-11 TIME SIGNED 2:30 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				

SWIFT OPERATOR: _____ APPROVAL: _____

Thank You!



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

TICKET CONTINUATION

TICKET No. 22437

CUSTOMER American Warrior 2-19 WELLS Br ehm - Klewend DATE 6 NOV 11 PAGE 2 OF 2

325	1		STANDARD cement (FOR 9A-2)	175 sk		13 50	2362 50
284	1		calseal	800 lb	8 sks	35 00	280 00
283	1		salt	900 lb		0 20	180 00
292	1		hcolad-322	100 lb		7 75	775 00
276	1		flocel	50 lb		2 00	100 00
290	1		D-AIR	2 gal		35 00	70 00
281	1		midflush	50 gal		1 25	625 00
221	1		KCL liquid	2 gal		25 00	50 00
582	1		Drayage (Min)		1 ca	250 00	250 00
581			SERVICE CHARGE	175		2 00	350 00
TOTAL WEIGHT 19300				LOADED MILES 20		TON MILES	

JOB LOG

SWIFT Services, Inc.

DATE 6 NOV 11 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 2-19 LEASE Brehm-Klewend JOB TYPE Complet long string TICKET NO. 22437

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sks EA-2 w/ fluoride 5 1/2" 15.5# casing 102 jts RTD 4202' 4244' pipe slug + 47.2' plug back 4202' Cont. 1, 2, 3, 4, 80 Biskit #5 NO PORT COLLAR
	0030							on loc TRK 114 start 5 1/2" 15.5# casing in well
7 NOV	0030							Drop ball - circulate - rotate
	0140	4 3/4	12				250	Pump 500 gal mud flush
		4 3/4	20				250	Pump 20 bbl KCL flush
			7					Plug RH - 30 sks
	0150	4 3/4	34				200	mix EA-2 145 sks @ 15.2 PPG
	0200							Drop ball down plug wash pump + line
	0207	6 3/4					250	Displace plug
		6 3/4	88				850	
	0230	6 3/4	100				1500	land plug
								Release pressure to test - drill up
	0238							wash truck RACK up
	0320							job complete thru DAND, DAND + Blaine



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

TICKET
 No **22513**

PAGE 1 OF 1

SERVICE LOCATIONS: AMA City KS WELL/PROJECT NO: 4-19 LEASE: Brehm-Kleweno COUNTY/PARISH: NEW STATE: KS CITY: Bazine DATE: 8 DEC 11 OWNER:
 TICKET TYPE: SERVICE SALES CONTRACTOR: Bazine well RIG NAME/NO.: SHIPPED: NET DELIVERED TO: location ORDER NO.:
 WELL TYPE: oil WELL CATEGORY: Development JOB PURPOSE: cement backside WELL PERMIT NO.: WELL LOCATION: KF-185-2111
 REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.	UM	
575		1			MILEAGE TRK 114	20	mi	6	00	120 00
576S		1			Pump Charge	1	pa	1000	00	1000 00
330		1			SUD cement	125	sk	16	50	2062 50
276		1			flrble	25	lb	2	00	50 00
240		1			D-AIR	1	yd	35	00	35 00
581		1			service charge	125	sk	2	00	250 00
582		1			Drayage (min)	1	hr	250	00	250 00

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

x Scott

DATE SIGNED: TIME SIGNED: 12:40 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?				3767 50
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				17 055 TAX 16.3%
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				135 29
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL 3902 79

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

SWIFT OPERATOR

ABGH

APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

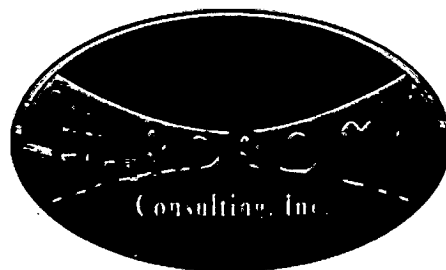
DATE 8 DEC 11 PAGE NO.

CUSTOMER American Water WELL NO. 2-19 LEASE Braham Klawans JOB TYPE Cement backside TICKET NO. 22513

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								125 sacks SMD w/ flocculant pump down 8 1/2" pachac inside of 5 1/2" on 2 3/4 tubing @ 3450' Pozing well service over the hole
	1100							on loc TRK 114 loading 2 3/4-5 1/2 annulus w/ H ₂ O
	1115							7:00 Open backside - pressure less than 100psi
	1120	2 3/4	52				500	MIX SMD @ 12.2 ppg
		2 3/4	2				500	pump 2 bbl H ₂ O
							200	shut in annulus
								Rack up
								job complete
								Flu ts
								Lane, Blaine & Dave

Geological Report

American Warrior, Inc.
Brehm-Kleweno #4-19
1675' FNL & 860' FWL
Sec. 19 T18s R21w
Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Brehm-Kleweno #4-19
1675' FNL & 860' FWL
Sec. 19 T18s R21w
Ness County, Kansas
API # 15-135-25255-0000

Drilling Contractor: Petromark Drilling, LLc. Rig #1

Geologist: Jason Alm, Austin Klaus

Spud Date: October 30, 2011

Completion Date: November 6, 2011

Elevation: 2138' Ground Level
2144' Kelly Bushing

Directions: Bazine KS, North on DD rd. 2 mi. East on 150 rd.
½ mi. South and West into location.

Casing: 1414' 8 5/8" surface casing
4241' 5 1/2" production casing

Samples: 10' wet and dry, 3500' to RTD

Drilling Time: 3500' to RTD

Electric Logs: None

Drillstem Tests: Two, Trilobite Testing, Inc. "Chuck Smith"

Problems: None

Remarks: None

Formation Tops

Formation	American Warrior, Inc. Brehm-Kleweno #4-19 Sec. 19 T18s R21w 1675' FNL & 860' FWL
Anhydrite	1397', +747
Base	1428', +716
Heebner	3601', -1457
Lansing	3647', -1503
BKc	3965', -1821
Pawnee	4048', -1904
Fort Scott	4128', -1984
Cherokee	4143', -1999
Mississippian	4224', -2080
RTD	4242', -2098

Sample Zone Descriptions

Mississippian Osage (4224', -2080): **Covered in DST #1,2**
 Dolo - Δ - Fine sucrosic crystalline with poor to fair vuggy and inter-crystalline porosity, heavy chert, triptolitic, weathered, with fair to good vuggy porosity, light to fair oil stain, slight show of free oil, fair odor, good yellow fluorescents. 62 units hotwire.

Drill Stem Tests
Trilobite Testing, Inc.
"Chuck Smith"

DST #1

Mississippian Osage

Interval (4172' - 4234') Anchor Length 62'

IHP	- 2098 #	
IFP	- 30" - Built to 1 in.	18-34 #
ISI	- 30" - Dead	1117 #
FFP	- 30" - Built to 1/2 in.	37-51 #
FSI	- 30" - Dead	1043 #
FHP	- 2045 #	
BHT	- 107°F	

Recovery: 30' GIP
20' GCO
70' OCM 5% Oil

DST #2

Mississippian Osage

Interval (4228' - 4239') Anchor Length 11'

IHP	- 2141 #	
IFP	- 30" - Built to 1 in.	23-29 #
ISI	- 30" - Dead	1155 #
FFP	- 30" - Built to 1/2 in.	31-32 #
FSI	- 30" - Dead	1048 #
FHP	- 2070 #	
BHT	- 106°F	

Recovery: 45' OSM

Structural Comparison

Formation	American Warrior, Inc. Brehm-Kleweno #4-19 Sec. 19 T18s R21w 1675' FNL & 860' FWL	American Warrior, Inc. Brehm-Kleweno #1-19 Sec. 19 T18s R21w 1965' FNL & 1245' FWL	Mack Oil Co. Roth #1 Sec. 19 T18s R21w 2310' FNL & 500' FWL
Anhydrite	1397', +747	1402', +740	1416', +734
Base	1428', +716	1436', +706	NA
Heebner	3601', -1457	3594', -1452	NA
Lansing	3647', -1503	3642', -1500	3664', -1505
BKc	3965', -1821	3962', -1821	NA
Pawnee	4048', -1904	4042', -1900	4068', -1909
Fort Scott	4128', -1984	4120', -1978	4142', -1983
Cherokee	4143', -1999	4140', -1998	NA
Mississippian	4224', -2080	4227', -2085	4239', -2080

(+7)
(+10)
(-5)
(-3)
FL
(-4)
(-6)
(-1)
(+5)

(+13)
NA
NA
(+2)
NA
(+5)
(-1)
NA
FL

Summary

The location for the Brehm-Kleweno #4-19 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two drill stem tests were conducted both of which were inconclusive. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Brehm-Kleweno #4-19 well.

Recommended Perforations

Primary:

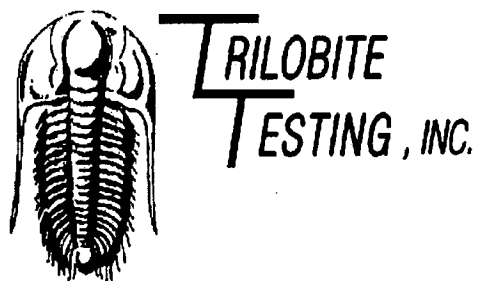
Mississippian Osage

(4224' – 4239')

DST #1,2

Respectfully Submitted,

Jason Alm
Hard Rock Consulting, Inc.



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

PO Box 399
Garden City, KS 67846

ATTN: Jason Alm

Brehm-Kleweno #4-19

19-18s-21w Ness, KS

Start Date: 2011.11.05 @ 20:15:00

End Date: 2011.11.06 @ 02:32:50

Job Ticket #: 44470 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2011.11.10 @ 11:03:57

American Warrior, Inc

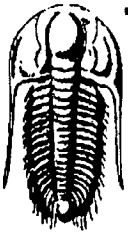
19-18s-21w Ness, KS

Brehm-Kleweno #4-19

DST # 1

Mississippian

2011.11.05



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc
PO Box 399
Garden City, KS 67846

ATTN: Jason Alm

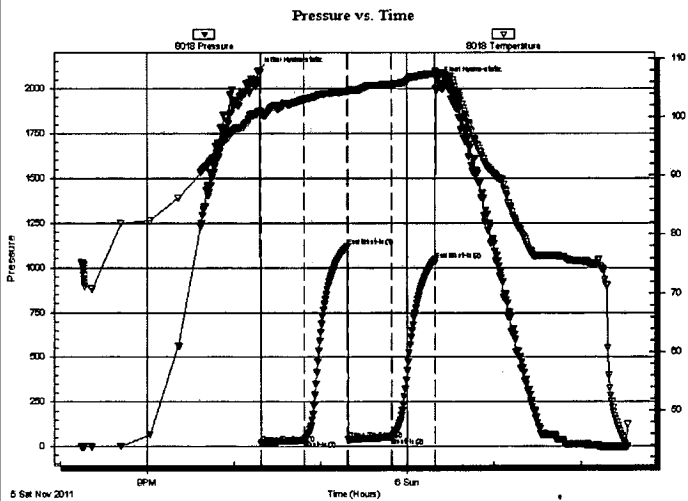
19-18s-21w Ness, KS
Brehm-Kleweno #4-19
Job Ticket: 44470 **DST#: 1**
Test Start: 2011.11.05 @ 20:15:00

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:19:00
Time Test Ended: 02:32:50
Test Type: Conventional Bottom Hole (Initial)
Tester: Chuck Smith
Unit No: 37
Interval: **4172.00 ft (KB) To 4234.00 ft (KB) (TVD)**
Reference Elevations: 2144.00 ft (KB)
Total Depth: 4234.00 ft (KB) (TVD) 2138.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 6.00 ft

Serial #: 8018 Inside
Press@RunDepth: 51.50 psig @ 4176.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.11.05 End Date: 2011.11.06 Last Calib.: 2011.11.06
Start Time: 20:15:02 End Time: 02:32:49 Time On Btrn: 2011.11.05 @ 22:17:10
Time Off Btrn: 2011.11.06 @ 00:21:40

TEST COMMENT: 1" Blow.
No return.
1/2" Blow.
No return.



PRESSURE SUMMARY

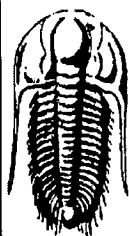
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2098.16	100.84	Initial Hydro-static
2	18.49	100.44	Open To Flow (1)
32	34.27	102.96	Shut-In(1)
62	1117.14	104.31	End Shut-In(1)
63	37.34	104.22	Open To Flow (2)
93	51.50	105.47	Shut-In(2)
123	1043.59	107.32	End Shut-In(2)
125	2045.12	107.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	OCM 5o 95m	0.34
20.00	GO 5g 95o	0.10
0.00	30 Feet weak 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
 PO Box 399
 Garden City, KS 67846
 ATTN: Jason Alm

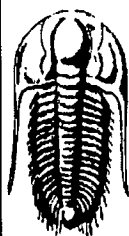
19-18s-21w Ness, KS
Brehm-Kleweno #4-19
 Job Ticket: 44470 **DST#: 1**
 Test Start: 2011.11.05 @ 20:15:00

Tool Information

Drill Pipe:	Length: 4038.00 ft	Diameter: 3.80 inches	Volume: 56.64 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 57.23 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.50 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4172.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.00 ft			
Tool Length:	89.50 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			4145.50	
Shut In Tool	5.00			4150.50	
Hydraulic tool	5.00			4155.50	
Jars	5.00			4160.50	
Safety Joint	2.50			4163.00	
Packer	5.00			4168.00	27.50 Bottom Of Top Packer
Packer	4.00			4172.00	
Stubb	1.00			4173.00	
Perforations	3.00			4176.00	
Recorder	0.00	8018	Inside	4176.00	
Recorder	0.00	6751	Outside	4176.00	
Perforations	22.00			4198.00	
Change Over Sub	1.00			4199.00	
Drill Pipe	31.00			4230.00	
Change Over Sub	1.00			4231.00	
Bullnose	3.00			4234.00	62.00 Bottom Packers & Anchor
Total Tool Length:	89.50				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

19-18s-21w Ness, KS
Brehm-Kleweno #4-19
Job Ticket: 44470 **DST#: 1**
Test Start: 2011.11.05 @ 20:15:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 41 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.97 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 8000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

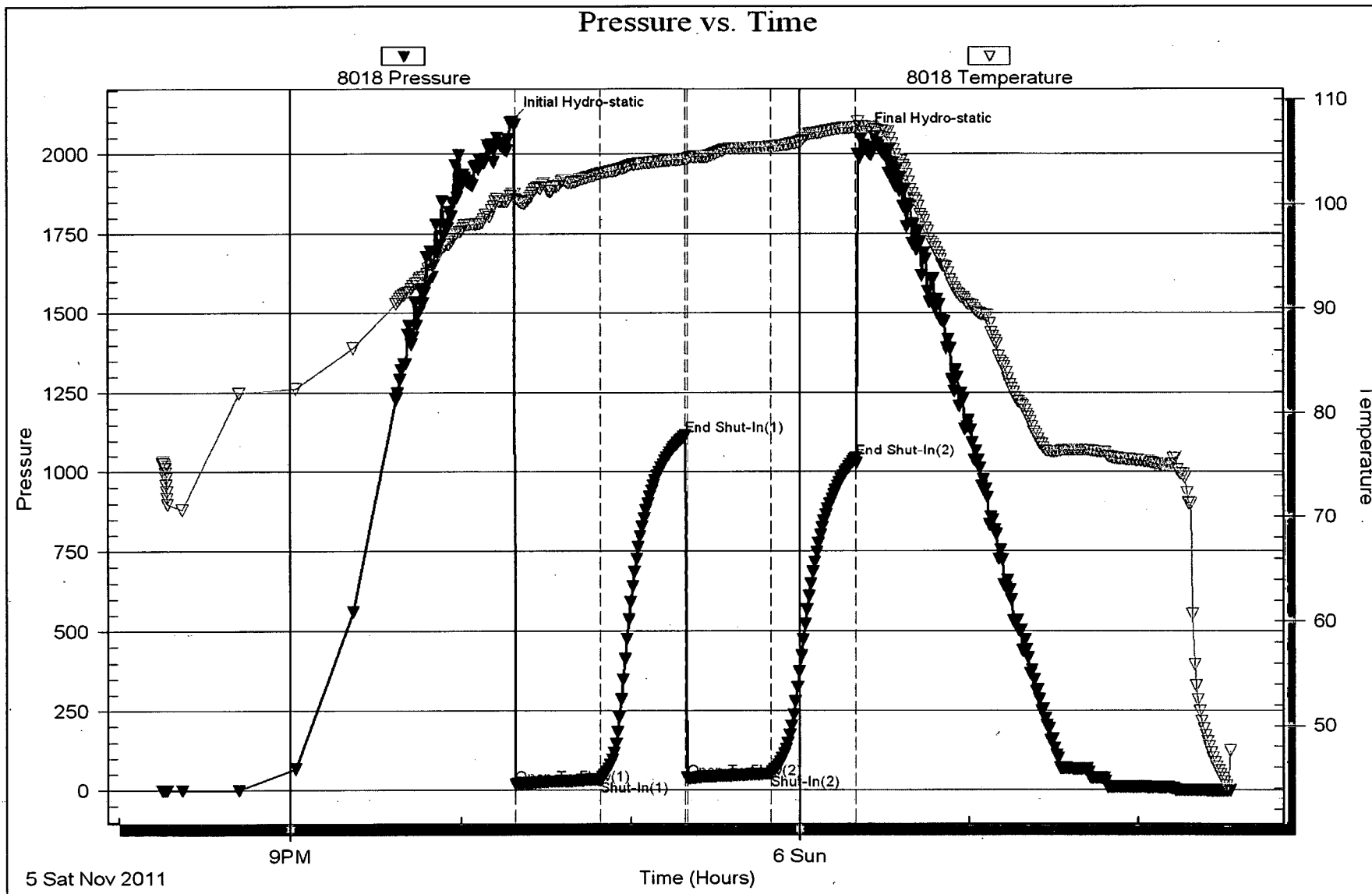
Length ft	Description	Volume bbl
70.00	OCM 5o 95m	0.344
20.00	GO 5g 95o	0.098
0.00	30 Feet weak GIP	0.000

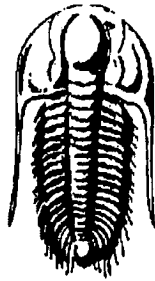
Total Length: 90.00 ft Total Volume: 0.442 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: API: 41 @ 50 degrees F = 41.





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

PO Box 399
Garden City, KS 67846

ATTN: Jason Alm

Brehm-Kleweno #4-19

19-18s-21w Ness, KS

Start Date: 2011.11.06 @ 08:02:00

End Date: 2011.11.06 @ 14:10:50

Job Ticket #: 44471 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2011.11.10 @ 11:04:33

American Warrior, Inc

19-18s-21w Ness, KS

Brehm-Kleweno #4-19

DST # 2

Mississippian

2011.11.06



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

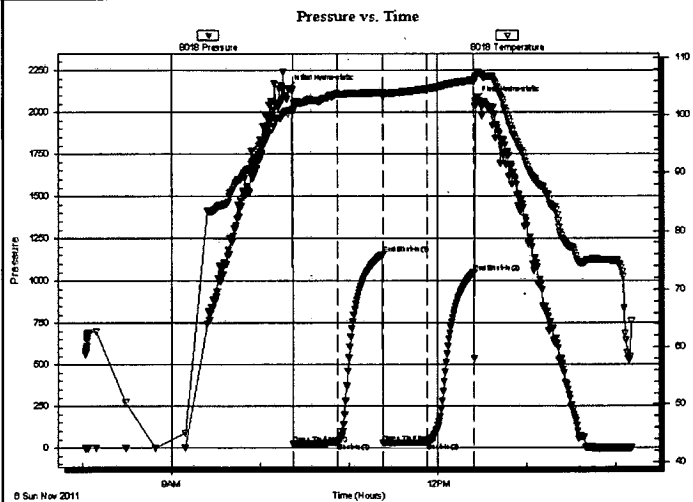
19-18s-21w Ness, KS
Brehm-Kleweno #4-19
Job Ticket: 44471 **DST#: 2**
Test Start: 2011.11.06 @ 08:02:00

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 10:22:00
Time Test Ended: 14:10:50
Interval: **4228.00 ft (KB) To 4239.00 ft (KB) (TVD)**
Total Depth: 4239.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Chuck Smith
Unit No: 37
Reference Elevations: 2144.00 ft (KB)
2138.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 8018 **Inside**
Press@RunDepth: 32.40 psig @ 4231.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.11.06 End Date: 2011.11.06 Last Calib.: 2011.11.06
Start Time: 08:02:02 End Time: 14:10:49 Time On Btm: 2011.11.06 @ 10:18:50
Time Off Btm: 2011.11.06 @ 12:25:39

TEST COMMENT: 1" Blow.
No return.
1/2" Blow.
No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2141.40	100.29	Initial Hydro-static
4	23.66	100.49	Open To Flow (1)
33	29.61	103.62	Shut-In(1)
64	1155.29	103.94	End Shut-In(1)
64	31.16	103.15	Open To Flow (2)
94	32.40	104.50	Shut-In(2)
126	1048.34	106.04	End Shut-In(2)
127	2070.27	106.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	OSM 100m	0.22

* Recovery from multiple tests

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: Jason Alm

19-18s-21w Ness, KS
Brehm-Kleweno #4-19
 Job Ticket: 44471 **DST#: 2**
 Test Start: 2011.11.06 @ 08:02:00

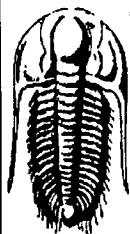
Tool Information

Drill Pipe:	Length: 4101.00 ft	Diameter: 3.80 inches	Volume: 57.53 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 58.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.50 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4228.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	38.50 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			4201.50	
Shut In Tool	5.00			4206.50	
Hydraulic tool	5.00			4211.50	
Jars	5.00			4216.50	
Safety Joint	2.50			4219.00	
Packer	5.00			4224.00	27.50 Bottom Of Top Packer
Packer	4.00			4228.00	
Stubb	1.00			4229.00	
Perforations	2.00			4231.00	
Recorder	0.00	8018	Inside	4231.00	
Recorder	0.00	6751	Outside	4231.00	
Perforations	5.00			4236.00	
Bullnose	3.00			4239.00	11.00 Bottom Packers & Anchor

Total Tool Length: 38.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc
PO Box 399
Garden City, KS 67846

ATTN: Jason Alm

19-18s-21w Ness, KS

Brehm-Kleweno #4-19
Job Ticket: 44471 **DST#: 2**

Test Start: 2011.11.06 @ 08:02:00

Mud and Cushion Information

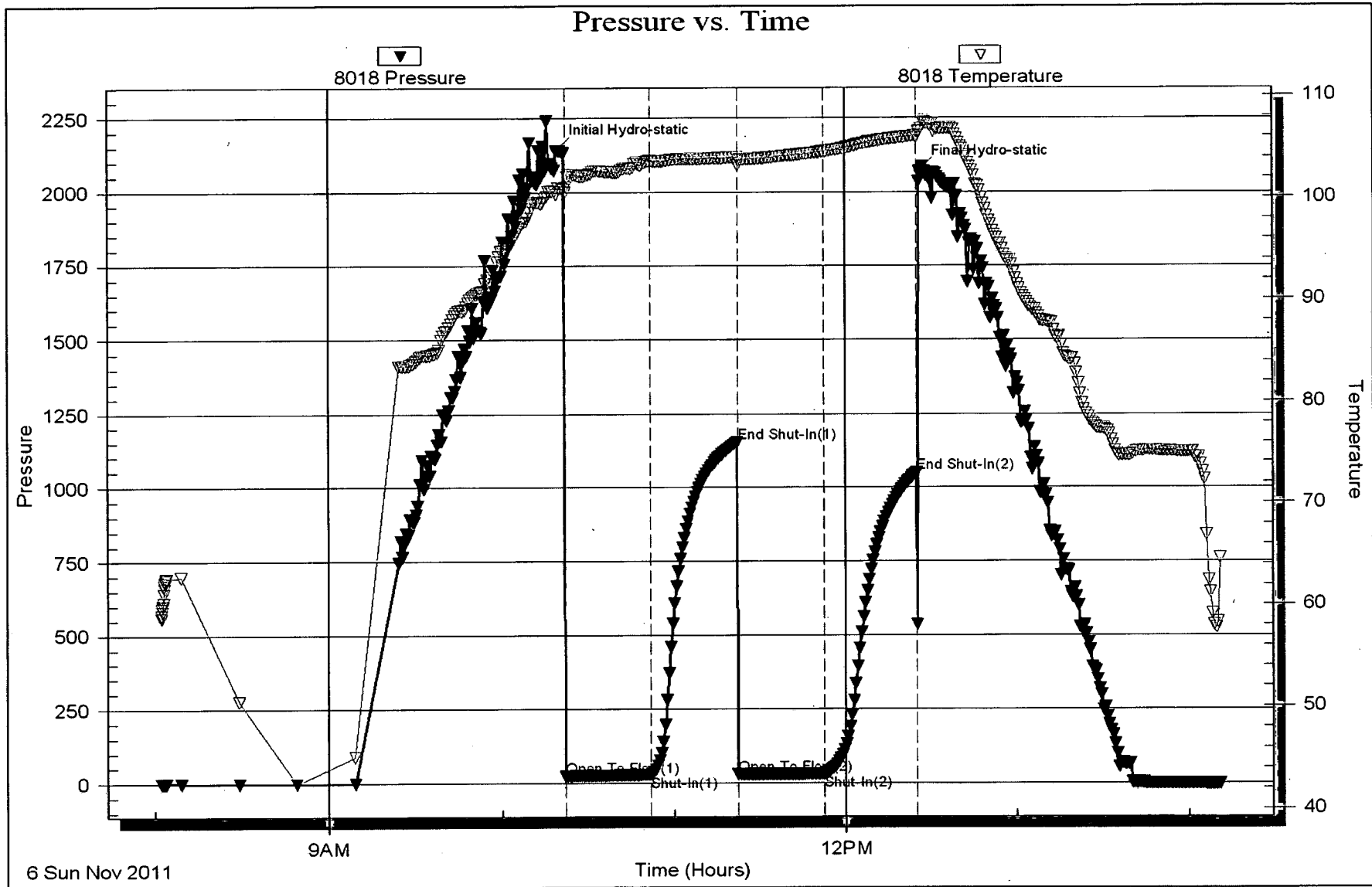
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: 1.00 inches			

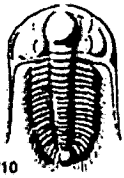
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	OSM 100m	0.221

Total Length: 45.00 ft Total Volume: 0.221 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67608

RECEIVED
NOV 08 2011

Test Ticket

NO. 44470

Well Name & No. Brehm-Kleweno # 4-19 Test No. 1 Date 11-5-11
 Company American Warrior Elevation 2144 KB 2138 GL
 Address POB 399 Garden City, KS 67846
 Co. Rep / Geo. Jason Alm Rig Petromark #1
 Location: Sec. 19 Twp. 18s Rge. 21w Co. Ness State KS

Interval Tested 4172-4234 Zone Tested Mississippian
 Anchor Length 62 Drill Pipe Run 4038 Mud Wt. 9.1
 Top Packer Depth 4168 Drill Collars Run 120 Vis 47
 Bottom Packer Depth 4172 Wt. Pipe Run 0 WL 10.0
 Total Depth 4234 Chlorides 8000 ppm System LCM 0
 Blow Description 1" Blow.
No return.
1/2" Blow.
No return.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>20</u>	Feet of <u>GO</u>	<u>5</u> %gas	<u>95</u> %oil	%water	%mud
Rec <u>70</u>	Feet of <u>OCM</u>	%gas	<u>5</u> %oil	%water	<u>95</u> %mud
Rec	Feet of <u>30 Feet Weak GTP</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

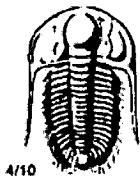
Rec Total 90 BHT 107 Gravity 41 API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 2098 Test 1225 T-On Location 7:30 pm
 (B) First Initial Flow 18 Jars 250 T-Started 8:15
 (C) First Final Flow 34 Safety Joint 75 T-Open 10:19 pm
 (D) Initial Shut-In 1117 Circ Sub N/C T-Pulled 12:20 am
 (E) Second Initial Flow 37 Hourly Standby _____ T-Out 2:33
 (F) Second Final Flow 52 Mileage 106 RT 148.40 Comments _____
 (G) Final Shut-In 1044 Sampler _____
 (H) Final Hydrostatic 2045 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1698.40

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30

Sub Total 1698.40
 Total 1698.40
 MP/DST Disc'l _____

Approved By Jason T. Alm Our Representative Chuck Smith
 Trilobite Testing Inc. shall not be liable for damaged or 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 of 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
NOV 08 2011

Test Ticket

NO. 44471

Well Name & No. Brehm-Kleweno #4-19 Test No. 2 Date 11-6-11
 Company American Warrior Elevation 2144 KB 2138 GL
 Address POB 399 Garden City, KS 67846
 Co. Rep / Geo. Jason Alm Rig Petromark #1
 Location: Sec. 19 Twp. 18s Rge. 21w Co. Ness State KS

Interval Tested 4228-4234 Zone Tested Mississippian
 Anchor Length 11 Drill Pipe Run 4101 Mud Wt. 9.1
 Top Packer Depth 4224 Drill Collars Run 120 Vis 47
 Bottom Packer Depth 4228 Wt. Pipe Run 0 WL 10.0
 Total Depth 4234 Chlorides 8000 ppm System LCM 0

Blow Description 1" Blow.
No return.
1/2" Blow.
No return.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>45</u>	Feet of <u>0.5M</u>			%water <u>100</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 45 BHT 106 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>2141</u>	<input checked="" type="checkbox"/> Test <u>1225'</u>	T-On Location <u>7:15</u>
(B) First Initial Flow <u>24</u>	<input checked="" type="checkbox"/> Jars <u>250'</u>	T-Started <u>8:02</u>
(C) First Final Flow <u>30</u>	<input checked="" type="checkbox"/> Safety Joint <u>75'</u>	T-Open <u>10:22</u>
(D) Initial Shut-In <u>1155</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>12:25</u>
(E) Second Initial Flow <u>31</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>14:11</u>
(F) Second Final Flow <u>32</u>	<input checked="" type="checkbox"/> Mileage <u>100 RT 148.40</u>	Comments
(G) Final Shut-In <u>1048</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2070</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input checked="" type="checkbox"/> Ruined Packer <u>320'</u>
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>320-</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>2018.40</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1698.40</u>	

Approved By

Jason Alm

Our Representative

Chuck Smith

TriLOBite Testing Inc. shall not be liable for damaged or 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.