



KANSAS CORPORATION COMMISSION 1048344
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 Corsair
Phone: (785) 398-2270
CONTRACTOR: License # 31548
Name: Discovery Drilling
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 #: _____
06/03/2010 06/10/2010 08/17/2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-135-25057-00-00
Spot Description: _____
SE NE SW NW Sec. 19 Twp. 18 S. R. 21 East West
1,969 Feet from North / South Line of Section
1,271 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 #: 1-19
Field Name: Wunder
Producing Formation: Mississippian
Elevation: Ground: 2134 Kelly Bushing: 2142
Total Depth: 4237 Plug Back Total Depth: 4235
Amount of Surface Pipe Set and Cemented at: 1412 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: 25000 ppm Fluid volume: 280 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite: _____
Operator Name: American Warrior, Inc
Lease Name: Strecker License #: 4058
Quarter SW Sec. 06 Twp. 19 S. R. 21 East West
County: Ness Permit #: D19026

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: 12/17/2010



1048344

Operator Name: American Warrior, Inc. Lease Name: Brehm-Kleweno Well #: 1-19
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 (Attach Additional Sheets)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run
Electric Log Submitted Electronically (If no, Submit Copy)
List All E. Logs Run:
Dual Induction
Dual Compensated Porosity
Dual Receiver Cement Bond

CASING RECORD
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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
Table with columns: Purpose, Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated
Table with columns: Shots Per Foot, Footage, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth

TUBING RECORD: Size: 2.375 Set At: 4225 Packer At: Liner Run:
Date of First, Resumed Production, SWD or ENHR: 08/22/2010
Producing Method: Flowing Pumping Gas Lift Other (Explain)
Estimated Production Per 24 Hours: Oil 10 Bbbs. Gas Mcf Water 45 Bbbs. Gas-Oil Ratio Gravity 39

DISPOSITION OF GAS: Vented Sold Used on Lease
METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)
PRODUCTION INTERVAL: 4229-4235

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Brehm-Kleweno 1-19
Doc ID	1048344

Tops

Anhydrite	1402	+740
Heebner	3594	-1452
Lansing	3642	-1500
BKC	3962	-1821
Pawnee	4042	-1900
Ft. Scott	4120	-1978
Cherokee	4140	-1998
Mississippian	4227	-2085
LTD	4237	-2095



CHARGE TO: *American Water - Inc.*
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET
 17623
 PAGE 1 OF 1

SERVICE LOCATIONS 1. <i>Phase 1</i>	WELL/PROJECT NO. #111	LEASE <i>Bush-Klewin</i>	COUNTY/PARISH <i>Atch</i>	STATE <i>Ks</i>	CITY	DATE <i>6-5-10</i>	OWNER <i>S.A.M.C.</i>
2. <i>M... Co. Inc.</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Discovery Dr. #3</i>	RIG NAME/NO.	SHIPPED VIA <i>1/11</i>	DELIVERED TO	ORDER NO.	
3.	WELL TYPE <i>611</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>Deep Surface</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							
		1			MILEAGE #111	20				5.00	100.00
576.D		1			Pump Charge (Deep Surface)	1		1214		1100.00	1100.00
321		1			KCL	2				250.00	500.00
251		1			Mud Wash	500				1.00	500.00
296		1			D-Air	4				35.00	140.00
402		1			Control valves	4				70.00	280.00
410		1			Top Plate	1				100.00	100.00
412		1			Buff/Plate	1				100.00	100.00
336		1			SMD Cement	476				1.50	675.00
276		1			1/2" x 1/2"	1				1.00	1.00
301		1			Cement Service Charge	476				1.50	675.00
303		1			Drillage	476		700		1.00	440.00

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: *6-5-10* TIME SIGNED: *10:35* 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	1028.00
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					

JOB LOG

SWIFT Services, Inc.

DATE 6-5-10 PAGE NO. 1

CUSTOMER American Warrior Tool WELL NO. H 1-14 LEASE Beulah Kloucek JOB TYPE Deep Surface TICKET NO. 17623

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2050							as loc w/FF
								TD 1412'
								3" x 23" x 1412' x 10'
								Cost 1, 3, 8, 29
	2140							Start Circ
	2345							Break Circ
	2325	4				75		Start Mud Flush
		4	12/0			75		start KCB Flush
		5.5	26/0			100		Start Cement #1 100 sks SMD 11.8"
		5.5	46/0			120		" " #2 100 sks SMD 12.5"
		5.5	57/0			100		" " #3 100 sks SMD 13"
		5.5	34/0			100		" " #4 100 sks SMD 14"
	12000	5.5	28					End Cement
								Deep Plug
	0005	5	0			50		Start Displacement
	0010	4	25			100		Circ Cement
	0019		77.5			400		End Plug did not land
								pump 1 extra bbl
						300		shut in
								450 sks SMD
								Circ 100 sks to pit
								Thank you
								Nick, Josh F. & Russ



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

TICKET
17873

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>Ness City, Ks</u>	WELL/PROJECT NO. <u>1-19</u>	LEASE <u>ROSEM - KISWENO</u>	COUNTY/PARISH <u>Ness</u>	STATE <u>Ks</u>	CITY <u>Ness</u>	DATE <u>6-10-10</u>	OWNER <u>same</u>
2.	TICKET TYPE: <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>DISCOVERY NGS #3</u>	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>LOCATION</u>	ORDER NO.	
3.	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>DEVELOPMENT</u>	JOB PURPOSE <u>5 1/2" LOGGING</u>	WELL PERMIT NO.	WELL LOCATION <u>BARTON, Ks - 2 1/2' E, STARR</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY	UM	QTY	UM		
575		1			MILEAGE # 110	20	mi			5.00	100.00
578		1			PUMP CHARGE	1	hr	4236	hr	1400.00	1400.00
221		1			FLUID VCL	2	gal			25.00	50.00
281		1			MUD FLUSH	500	gal			1.00	500.00
462		1			CONCRETE	5	ea	5 1/2"		25.00	275.00
403		1			CEMENT BAGS	1	ea			200.00	200.00
406		1			INTOL DOWN PLUG - RAFFLE	1	ea			225.00	225.00
407		1			INSERT FLOAT SHOE w/ AUTO FILL	1	ea			275.00	275.00
419		1			ROTATING HEAD RENTAL	1	hr			150.00	150.00

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

x Wade Wilson
 DATE SIGNED 6-10-10 TIME SIGNED 1730 AM PM

REMIT PAYMENT TO:

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

SURVEY	AGREE	RUN DECIDED	DIS-AGREE	PAGE TOTAL	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				#1	3175.00
WE UNDERSTOOD AND MET YOUR NEEDS?				#2	4007.50
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: Wade Wilson APPROVAL: _____
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: _____
 The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank You!



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

TICKET CONTINUATION

TICKET No. 17873

CUSTOMER: American Warehouse Inc. WELLS: Boom-Hydro 1-19 DATE: 6-10-10 PAGE 2 OF 2

325	1	STAINLESS CORNY	54-2	175 lbs		12.00	2100.00
276	1	FIBRE		50 lbs		1.50	75.00
283	1	SALT		900 lbs		15	135.00
284	1	CALSEAL		8 lbs	800 lbs	30.00	240.00
292	1	HALAD-322		125 lbs		7.00	875.00
290	1	D-ATR		2 lbs		25.00	70.00
581	1	SERVICE CHARGE			CUBIC FEET	175	262.50
582	1	TOTAL WEIGHT	18325	LOADED MILES	20	TON MILES	250.00
						183.25	4007.50

JOB LOG

SWIFT Services, Inc.

DATE **6-10-10** PAGE NO. **7**

CUSTOMER **AMERICAN WOODCO INC** WELL NO. **1-19** LEASE **BREHM-KLEWENO** JOB TYPE **5 1/2" LONGSTREAG** TICKET NO. **17873**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1730							ON LOCATION
	1830							START 5 1/2" CASING IN WELL
								TD-4237 SET= 4236
								TP-4240 5 1/2" IS
								ST-43
								CENTRALIZERS- 1, 2, 3, 4, 80
								CEMENT BASKET- 5
	2030							DROP BALL - CIRCULATE ROTATE
	2105	6	12		✓	400		PUMP 500 GAL MUDFLUSH "
	2107	6	20		✓	400		PUMP 20 BBS. VCL-FLUSH "
	2115		7.5					PLUG RH - MH (30MG - 20MG)
	2120	4	30		✓	300		MIX CEMENT - 125 SXS EA-2 • 15.5 PPG "
	2128							WASH OUT PUMP - LEAKS
	2129							RELEASE LATCH DOWN PLUG
	2130	7	0		✓			DISPLACE PLUG "
		7	90			800		SHUT OFF ROTATING
	2145	6 1/2	99.9			1500		PLUG DOWN - PSE UP LATCH IN PLUG
	2147							OK RELEASE PSE - HELD
								WASH TRUCK
	2230							JOB COMPLETE

THANK YOU
WAYNE, ROGER B., LAWE



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

TICKET
18539

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>Ness City KS</u>	WELL/PROJECT NO. <u>1-19</u>	LEASE <u>Brehm-Klewin</u>	COUNTY/PARISH <u>Ness</u>	STATE <u>KS</u>	CITY <u>Ness City</u>	DATE <u>6-17-10</u>	OWNER
2.	TICKET TYPE <u>Service</u>	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO <u>Business</u>	ORDER NO.	
3.	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Cement Between 8 3/4 + 5 1/2</u>	WELL PERMIT NO.	WELL LOCATION <u>Baseline 2N KE S into</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS:						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY	UM	QTY	UM		
575		1			MILEAGE Trk # 114	10		mi		5.00	50.00
577		1			Pump Charge	1		lea		850.00	850.00
581		1			Service Charge Cement	150		lbs		1.50	225.00
582		1			Minimum Drayage Charge	1		lea		250.00	250.00
330		1			Swift Multin-Density Studs	150		lbs		15.00	2250.00
276		1			Flocels	40		lbs		1.50	60.00
290		1			D-A-c	2		gal		35.00	70.00

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

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	3755.00
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					
				TOTAL	3881.14

x Scott
 DATE SIGNED 6-17-10 TIME SIGNED 1515 5 PM

SWIFT OPERATOR Arctt Conser

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services described on this invoice.
 APPROVAL: Arctt Conser
 Thank You!

JOB LOG

SWIFT Services, Inc.

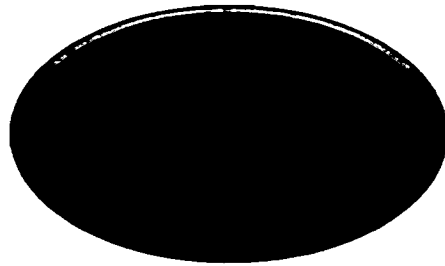
DATE 6-17-10 PAGE NO.

CUSTOMER American Warrior WELL NO. 1-19 LEASE Archimedes Lease JOB TYPE Cement Between 8 5/8" & 5" TICKET NO. 18539

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1515							On Location 8 5/8" X 5 1/2"
	1520			✓		500		Pressure 5 1/2 Casing - Shut in
	1525	3		✓		300		Take Injection Rate
		3		✓		300		Start Cement 75 sks @ 12.8 ppg
		3	27	✓		200		Cement 70 sks @ 12.2 ppg
	1600		58					Shut Down Shut in
								Wash Truck
	1615							Job Complete T1
								Thank you Brett, Dave Lane + Gordon

Geological Report

American Warrior, Inc.
Brehm-Kleweno #1-19
1965' FNL & 1245' FWL
Sec. 19 T18s R21w
Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Brehm-Kleweno #1-19
1965' FNL & 1245' FWL
Sec. 19 T18s R21w
Ness County, Kansas
API # 15-135-25057-0000

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

Geologist: Jason Alm

Spud Date: June 3, 2010

Completion Date: June 10, 2010

Elevation: 2134' Ground Level
2142' Kelly Bushing

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

Casing: 1410' 8 5/8" surface casing
4234' 5 1/2" production casing

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

Drilling Time: 3500' to RTD

Electric Logs: Log-Tech, Inc. "Jared Long"

Drillstem Tests: Two, Trilobite Testing, Inc. "Brian Fairbank"

Problems: Could not get packers to seat on DST #1 causing
misrun

Remarks: None

Formation Tops

Formation	
Anhydrite	1402', +740
Base	1436', +706
Heebner	3594', -1452
Lansing	3642', -1500
BKc	3962', -1821
Pawnee	4042', -1900
Fort Scott	4120', -1978
Cherokee	4140', -1998
Mississippian	4227', -2085
RTD	4235', -2093

American Warrior, Inc.

Brehm-Kleweno #1-19

Sec. 19 T18s R21w

1965' FNL & 1245' FWL

Sample Zone Descriptions

Mississippian Osage (4227', -2085): Covered in DST #1,2

Dolo - Δ - Fine crystalline with fair vuggy and inter-crystalline porosity, heavy chert, triptolitic, heavily weathered, with good vuggy porosity, fair oil stain and saturation, show of free oil, good odor, fair yellow fluorescents. 18 units hotwire.

Drill Stem Tests
 Trilobite Testing, Inc.
 "Brian Fairbanks"

DST #1 Mississippian Osage
 Interval (4227' – 4235') Anchor Length 8'
 Mis-run, Packer Failure

DST #2 Mississippian Osage
 Interval (4176' – 4235') Anchor Length 59'

IHP	– 2139 #	
IFP	– 45" – B.O.B. 14 min.	110-170 #
ISI	– 45" – Dead	1316 #
FFP	– 45" – B.O.B. 20 min.	170-256 #
FSI	– 45" – Dead	1308 #
FHP	– 2037 #	
BHT	– 121°F	

Recovery:	70' GIP	
	5' CO	Gravity: 39° API
	45' MCO	65% Oil
	340' GW&HO CM	35% Oil, 10% Water
	120' MW	
	5' Mud	

Structural Comparison

	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		Wild Boys & Silver Bullets Suppes U Bad Whisky #7 Sec. 19 T18s R21w 330' FNL & 2310' FEL	
Formation					
Anhydrite	1402', +740	1416', +734	(+6)	NA	NA
Base	1436', +706	NA	NA	NA	NA
Heebner	3594', -1452	NA	NA	3652', -1473	(+21)
Lansing	3642', -1500	3664', -1505	(+5)	3699', -1520	(+20)
BKc	3962', -1821	NA	NA	NA	NA
Pawnee	4042', -1900	4068', -1909	(+9)	4093', -1914	(+14)
Fort Scott	4120', -1978	4142', -1983	(+5)	4175', -1996	(+18)
Cherokee	4140', -1998	NA	NA	NA	NA
Mississippian	4227', -2085	4239', -2080	(-5)	4303', -2124	(+39)

Summary

The location for the Brehm-Kleweno #1-19 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two drill stem tests were conducted one of which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had examined the decision was made to run 5 1/2 inch production casing to further evaluate the Brehm-Kleweno #1-19 well.

Recommended Perforations

Primary:

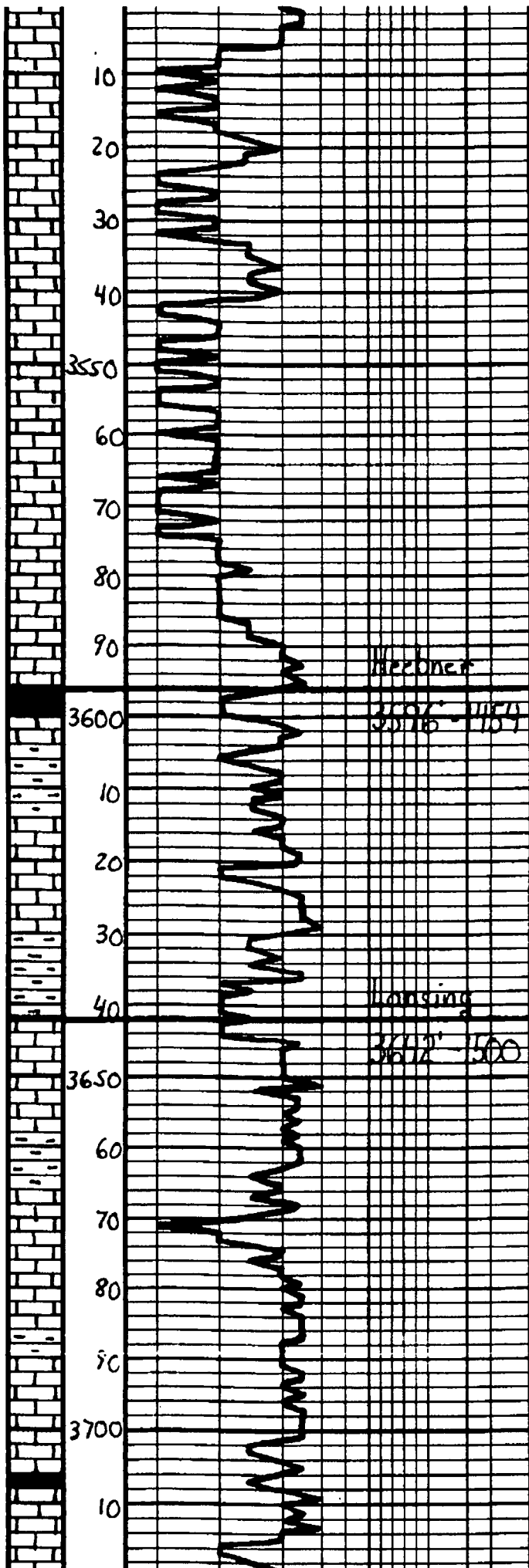
Mississippian Osage

(4227' – 4232')

DST #2

Respectfully Submitted,

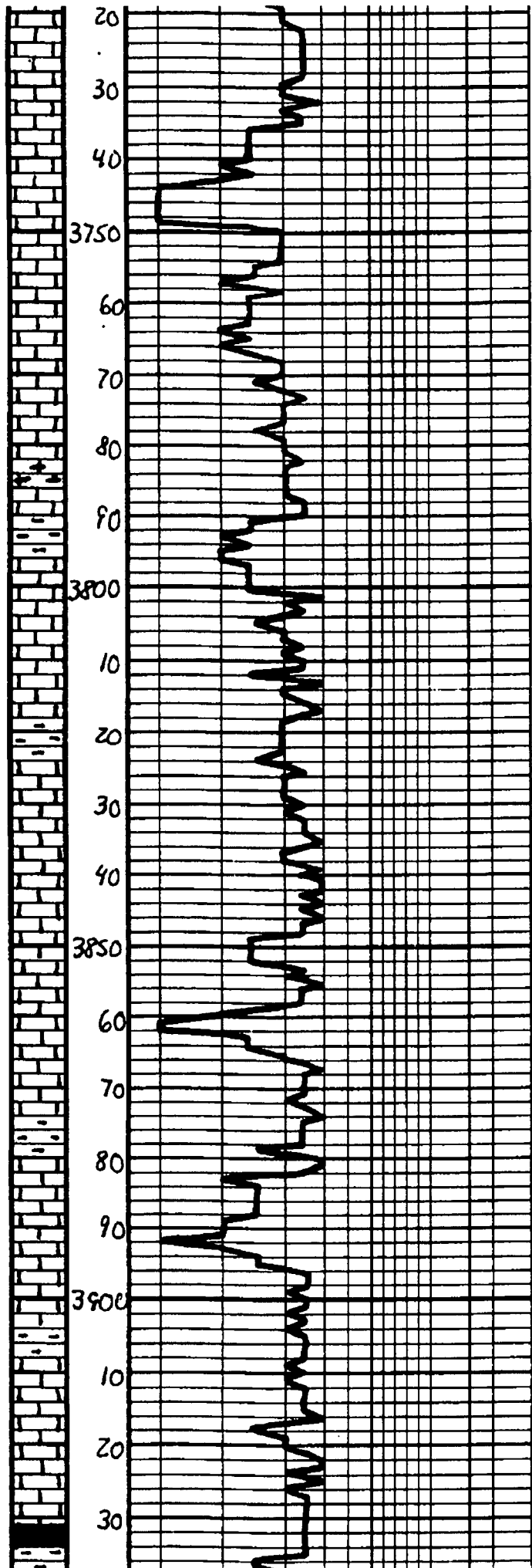
Jason Alm
Hard Rock Consulting, Inc.



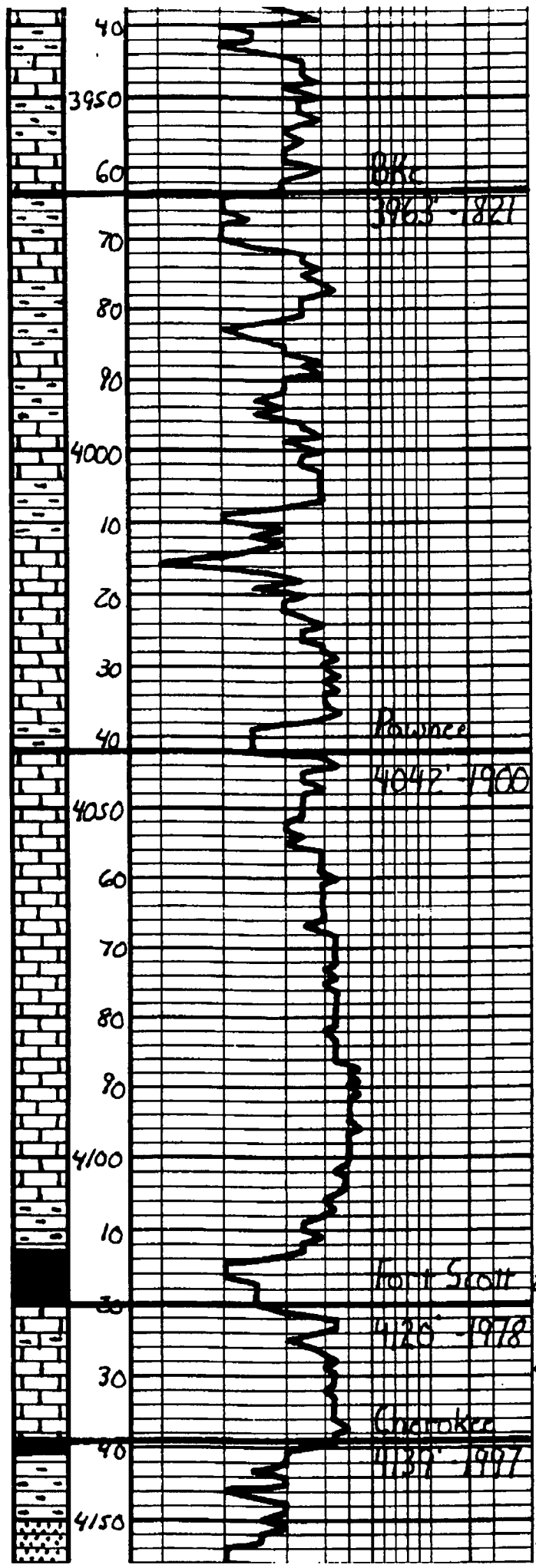
	Gen an location 6:00 p.m. 6-8-2010
LS: Tan. Lt. Gray. Fr. x. la. Mottled Fossil. Chalky. Boreen	
LS - ala	
LS: Tan. Lt. Gray. Fr. x. la. Mottled. Fossil. Chalky. Boreen	
LS - ala	
LS - ala	
Sh - Blk. Carb.	
Sh - Gray - Bcn - Gen	
LS - Offwhite Lt. Gray. Fr. x. la. w/ pore structure & Boreen	
Sh - Gray - Bcn - Gen	
LS: Tan. Lt. Gray. Fr. - Sub. la. Fossil. w/ poor com. & Boreen	
Sh - Gray - Bcn	
LS: Offwhite Lt. Gray. Fr. x. la. Fossil. w/ w/ good com. & Boreen	
Sh - Gray - Bcn	
LS: Offwhite Lt. Gray. Fr. x. la. Fossil. w/ p. pip. & com & Boreen. Sl. Whit. B.	
Sh - Dark Gray	
LS: Tan. Lt. Gray. Fr. x. la. Fossil	

Hezbonet
 3596' - 1154
 2076 - 1107

Mansing
 3612' - 1500

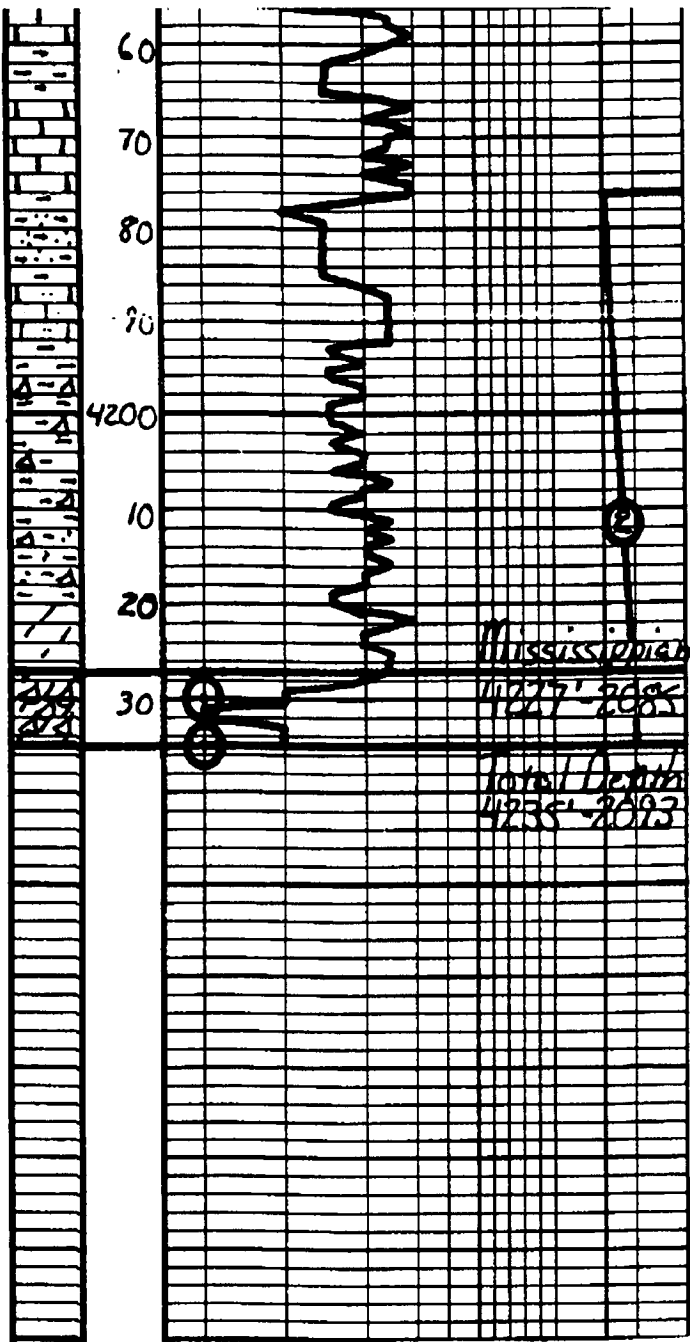


20	LS - ala, DNS
30	
40	
3750	LS - Tan-Lt Gray, Fx & Lr, Fossil ool. w/ Foss. Fragm. ool. of Barren, St. & Whit
60	LS - ala w/ pore. fine ool. of Barren
70	
80	LS - Tan-Lt Gray, Fx - Subula, DNS
90	Sh - Gray-Ben
3800	LS - Ool. w/ Lt Gray, Fx & Lr, Fossil ool. w/ pore. ool. of Barren
10	LS - alc. Mostly, DNS
20	Sh - Gray-Ben
30	LS - Tan-Lt Gray, Fx & Lr, Fossil ool. w/ pore. ool. of Barren
40	
3850	LS - ala, DNS
60	LS - Ool. w/ Lt Gray, Fx & Lr, Fossil ool. w/ pore. ool. of Barren
70	
80	Sh - Gray-Ben
90	LS - Tan-Lt Gray, Fx & Lr, Fossil ool. w/ pore. ool. of Barren
3900	Sh - Gray-Ben
10	
20	LS - Tan-Lt Gray, Fx & Lr, Fossil ool. w/ pore. ool. of Barren
30	Sh - Blk-Dk Gr.

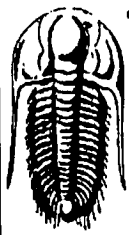


Sh. Gray - 320	
Ls. Tan. Gray, Substr. DMS	
Ls. - a/c	
Sh. Gray - Ben - Gen	
Ls. Tan. Lt. Gray, Substr. DMS	
Sh. Gray - Ben	
Sh. Gray - Ben - Gen	
Ls. Tan. Lt. Gray, Substr. DMS	
Sh. Gray - Ben - Gen	
Ls. - a/c, DMS	
Sh. - Dk. Gray - Gen	
Ls. Tan. Lt. Gray, Substr. DMS	
Ls. - a/c	
Ls. - Tan. Gray, Substr. DMS	
Ls. - a/c	
Sh. Gray - Dk. Gray	
Sh. - Dk. Lead	
Ls. - Tan. Gray - St. Mather, En. Substr. - Sulphur, En. Substr. DMS. Lt. Dk. - NSEB. D. - Lt. Gray	
Sh. - Dk. Gray - Blk.	
Sh. Gray - Ben - Gen	
Ls. - a/c, En. Sub. - Rownee, Lt. Dk. Substr. - En. Substr. DMS. Lt. Dk. - NSEB. D. - Lt. Gray	

DST#1



SP. inclusions, UNSFO, No. 1012.	Mississippi
Sh. Grey	4227'-4235'
Use from log: St. Matthew, School	Mis-run
DNS	DST#2
Sh. SS - Gtz. Fr. Sp. Fract. Sealed	Mississippi
Sh. - Limestone, fairly laminated	4176'-4235'
with some sand, some gas & oil	45" 45" 45" 45"
Sp. oil & gas, some oil	LH 2163#
thick, blue, dark	IF 52-166#
	808 74 min.
Sh. - Gtz. - Ben. - Gtz. - L. - L. - L. - L.	ISI 1316#
Fract. Limestone, fairly laminated	Dead
with some sand, some gas & oil	FF 170-256 #.
Sp. oil & gas, some oil	808 20 min.
thick, blue, dark	FSE 1308#
	Dead
Sh. - Gtz. - Ben. - Gtz. - L. - L. - L. - L.	FH 2037#
Fract. Limestone, fairly laminated	BHT 121°F
with some sand, some gas & oil	Recovery:
Sp. oil & gas, some oil	70' GIP
thick, blue, dark	5' CO
	45' MLO
	340' GW HOGM
	35% OW, 10% W
	120' MW
	5' mud
	Respectfully, Jason H. 6-14-2010



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior

Brehm - Kleweno #1-19

PO Box 399
Garden City, Ks
67846
ATTN: Jason Alm

19-18s-21w/Ness
Job Ticket: 38473 **DST#: 1**
Test Start: 2010.06.09 @ 00:00:00

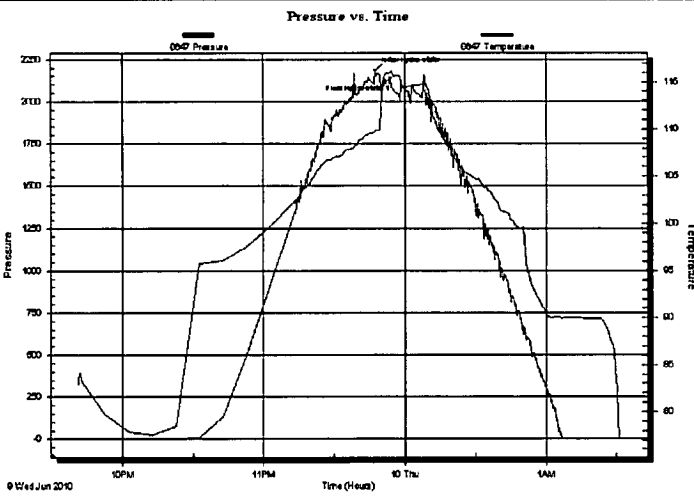
GENERAL INFORMATION:

Formation: **Miss**
Deviated: **No** Whipstock: ft (KB)
Test Type: **Conventional Bottom Hole**
Time Tool Opened:
Tester: **Brian Fairbank**
Time Test Ended:
Unit No: **41**
Interval: **4228.00 ft (KB) To 4235.00 ft (KB) (TVD)** Reference Elevations: 2142.00 ft (KB)
Total Depth: **4235.00 ft (KB) (TVD)** 2134.00 ft (CF)
Hole Diameter: **7.88 inches** Hole Condition: KB to GR/CF: 8.00 ft

Serial #: 8647

Press@RunDepth:	psig @	ft (KB)	Capacity:	8000.00 psig	
Start Date:	2010.06.09	End Date:	2010.06.10	Last Calib.:	1899.12.30
Start Time:	21:40:43	End Time:	01:31:38	Time On Btm:	2010.06.09 @ 23:47:38
				Time Off Btm:	2010.06.09 @ 23:54:08

TEST COMMENT: IFP - Packer Failure
ISI -
FFP -
FSI -



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2181.60	109.81	Initial Hydro-static
7	2138.63	116.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior

Brehm - Kleweno #1-19

PO Box 399
Garden City, Ks
67846

19-18s-21w/Ness

Job Ticket: 38473

DST#: 1

ATTN: Jason Alm

Test Start: 2010.06.09 @ 00:00:00

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: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length:

ft

Total Volume:

bbl

Num Fluid Samples: 0

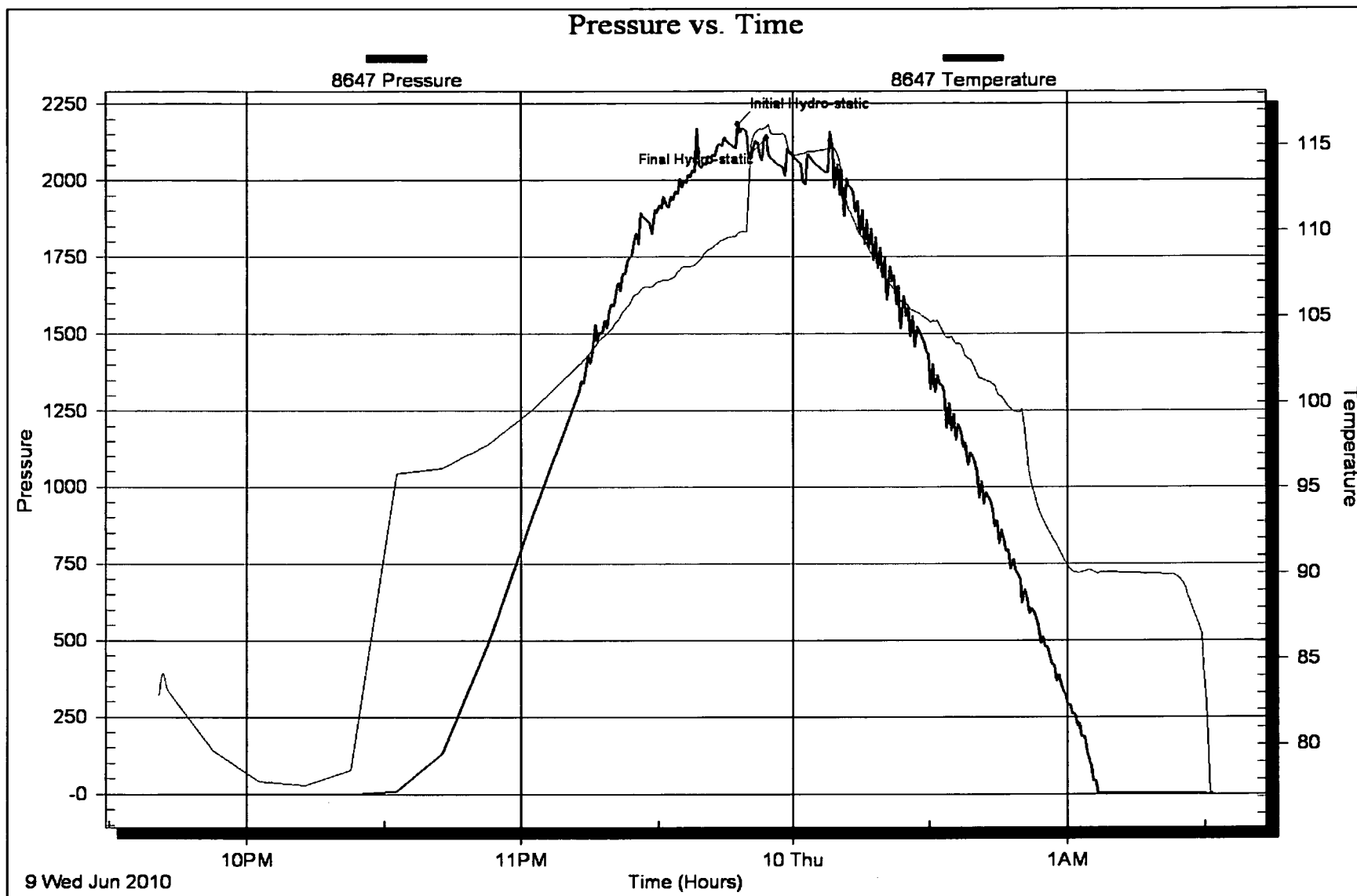
Num Gas Bombs: 0

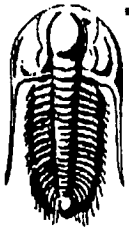
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior

Brehm - Kleweno #1-19

PO Box 399
Garden City, Ks
67846
ATTN: Jason Alm

19-18s-21w/Ness

Job Ticket: 38474 **DST#: 2**

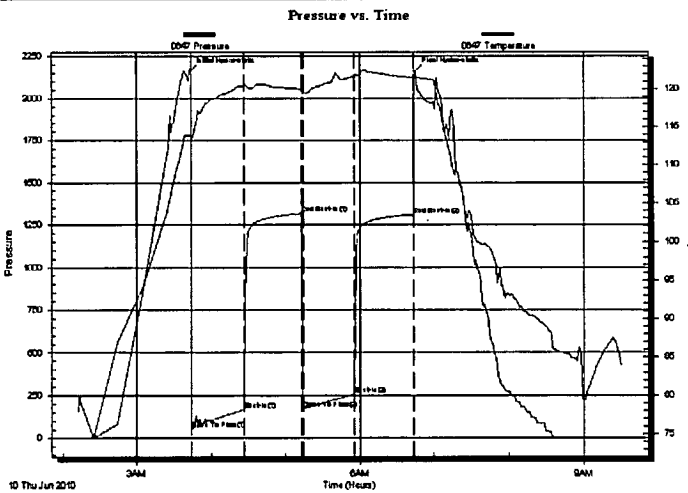
Test Start: 2010.06.10 @ 02:12:52

GENERAL INFORMATION:

Formation: **Miss (2)**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 03:44:17
 Tester: Brian Fairbank
 Time Test Ended: 09:31:16
 Unit No: 41
 Interval: **4176.00 ft (KB) To 4235.00 ft (KB) (TVD)**
 Reference Elevations: 2142.00 ft (KB)
 Total Depth: 4235.00 ft (KB) (TVD) 2134.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 8.00 ft

Serial #: 8647 Inside
 Press@RunDepth: 256.26 psig @ 4181.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.06.10 End Date: 2010.06.10
 Start Time: 02:12:52 End Time: 09:31:16 Last Calib.: 2010.06.10
 Time On Btm: 2010.06.10 @ 03:43:17
 Time Off Btm: 2010.06.10 @ 06:44:46

TEST COMMENT: IFP - BOB 14 min.
 ISI - no blow back
 FFP - BOB 20 min.
 FSI - no blow back



PRESSURE SUMMARY

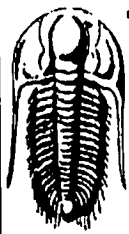
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2163.10	113.92	Initial Hydro-static
1	52.24	113.37	Open To Flow (1)
44	166.13	120.36	Shut-In(1)
90	1316.09	119.96	End Shut-In(1)
91	170.20	119.57	Open To Flow (2)
133	256.26	121.62	Shut-In(2)
180	1308.88	121.42	End Shut-In(2)
182	2160.33	121.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	MUD 100%	0.02
120.00	MW 60%W, 40%M	1.45
340.00	GW HOCM 10%G, 35%O 10%W, 45%M	4.77
45.00	MCO 60%O, 5%W, 35%M	0.63
5.00	FREE OIL 95%O, 5%M	0.07
0.00	70' GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior

Brehm - Kleweno #1-19

PO Box 399
Garden City, Ks
67846

19-18s-21w/Ness

Job Ticket: 38474

DST#: 2

ATTN: Jason Alm

Test Start: 2010.06.10 @ 02:12:52

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 57.00 sec/qt
Water Loss: 10.35 in³
Resistivity: ohm.m
Salinity: 7700.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 41 deg API
Water Salinity: 26000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	MUD 100%	0.025
120.00	MW 60%W, 40%M	1.446
340.00	GW HOCM 10%G, 35%O 10%W, 45%M	4.769
45.00	MCO 60%O, 5%W, 35%M	0.631
5.00	FREE OIL 95%O, 5%M	0.070
0.00	70' GIP	0.000

Total Length: 515.00 ft Total Volume: 6.941 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

