



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: _____



1048344

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
---	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Brehm-Kleweno 1-19
Doc ID	1048344

Tops

Name	Top	Datum
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: Amelia Harris
 ADDRESS: Amelia Harris
 CITY, STATE, ZIP CODE: Amelia Harris

TICKET
 17623

PAGE 1 OF 1

SERVICE LOCATIONS: 1. 1111 WELLPROJECT NO. Amelia Harris LEASE Amelia Harris COUNTY/PARISH Amelia Harris STATE Amelia Harris CITY Amelia Harris DATE 6-5-16 OWNER Amelia Harris

2. Amelia Harris WELLPROJECT NO. Amelia Harris LEASE Amelia Harris COUNTY/PARISH Amelia Harris STATE Amelia Harris CITY Amelia Harris DATE 6-5-16 OWNER Amelia Harris

3. Amelia Harris WELLPROJECT NO. Amelia Harris LEASE Amelia Harris COUNTY/PARISH Amelia Harris STATE Amelia Harris CITY Amelia Harris DATE 6-5-16 OWNER Amelia Harris

4. Amelia Harris WELLPROJECT NO. Amelia Harris LEASE Amelia Harris COUNTY/PARISH Amelia Harris STATE Amelia Harris CITY Amelia Harris DATE 6-5-16 OWNER Amelia Harris

TICKET TYPE: SERVICE SALES CONTRACTOR Amelia Harris RIG NAME/NO. Amelia Harris SHIPPED VIA Amelia Harris DELIVERED TO Amelia Harris ORDER NO. Amelia Harris

WELL TYPE: Amelia Harris WELL CATEGORY: Amelia Harris JOB PURPOSE: Amelia Harris WELL PERMIT NO. Amelia Harris WELL LOCATION: Amelia Harris

INVOICE INSTRUCTIONS: Amelia Harris

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY	UM	QTY	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
					MILEAGE #111	20	mi	1214		116.00	2320.00
					Range Charge (Dropsurface)	1	hr			1160.00	1160.00
					KEL	2	hr			280.00	560.00
					Mullback	5	hr			100.00	500.00
					D-Dr	4	hr			70.00	280.00
					Coal/1.2 hrs	1	hr			100.00	100.00
					Trap/Plat	1	hr			100.00	100.00
					BS/11/10/14	1	hr			100.00	100.00
					SMD Coal	1	hr			100.00	100.00
					Wells	1	hr			100.00	100.00
					Coal/1 Service Charge	1	hr			100.00	100.00
					Amelia Harris	1	hr			100.00	100.00

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

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? YES NO

WE UNDERSTOOD AND MET YOUR NEEDS? YES NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY? YES NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

DATE SIGNED: 6-5-16 TIME SIGNED: 10:55 AM AM PM

SWIFT OPERATOR: Amelia Harris APPROVAL: Amelia Harris

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

TOTAL: 1038.00

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 6-5-10 PAGE NO. 1

CUSTOMER American Water in Texas WELL NO. H 1-14 LEASE Beulah Kleckner 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							on loc w/FF
								TD 1412'
								8 3/4 x 2 3/8 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				100	" " #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'
	10000	5.5	28					End Cement
								Deep Plug
	0005	5.5	0				50	Start Displacement
	0010	4	25				100	Circ Cement
	0019		77.5				400	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 Landmark Inc
 ADDRESS: American Landmark Inc
 CITY, STATE, ZIP CODE: _____

TICKET
17873

PAGE 1 OF 2

SERVICE LOCATIONS: 1. Missouri
 2. _____
 3. _____
 4. REFERRAL LOCATION: _____

WELLS/PROJECT NO: 1-19
 TICKET TYPE: SERVICE SALES
 CONTRACTOR: Bechtel-Kiewit
 WELL TYPE: Oil
 WELLS CATEGORY: Development
 JOB PURPOSE: 5 1/2" Lookers/Drills
 INVOICE INSTRUCTIONS: _____

LEASE: Bechtel-Kiewit
 COUNTY/PARISH: Nebraska
 RIG NAME/NO.: _____
 STATE: NE
 CITY: _____
 DATE: 6-10-10
 OWNER: Same

ORDER NO.: _____
 WELLS LOCATION: Barzoo, Ks - 20 1/2 E, Stone

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	LOC	ACCT	DF	DESCRIPTION	QTY	UM	QTY	UM	UNIT PRICE	AMOUNT
575		1			MILEAGE # 110	20	mi			\$100	2000.00
578		1			PUMP CHARGE	1	job	423	hr	1400.00	1400.00
221		1			STAND VCL	2	gal			25.00	50.00
281		1			MUDFLUSH	500	gal			1.00	500.00
402		1			CONTROLLED EXP	5	ea	5 1/2"		\$5.00	275.00
403		1			CONCRETE BASKET	1	ea			200.00	200.00
406		1			LETAL DOWN DUNG - BATTLE	1	ea			225.00	225.00
407		1			INSIDE FLOOR SLAB w/ AUTO FALL	1	ea			275.00	275.00
419		1			ROTARALS HEAD RENTAL	1	job			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
 DATE SIGNED: 6-10-10 TIME SIGNED: 1730
 X James Whison DAW
R.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? 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? YES NO

CUSTOMER DID NOT WISH TO RESPOND

UN-DECEIDED	DIS-AGREE	PAGE TOTAL	TAX	TOTAL
		1	2	3175.00
			4007.50	

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR: James Whison APPROVAL: _____
 Thank You!



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

TICKET CONTINUATION

TICKET No. 17873

CUSTOMER: American Water Inc

WELL: BAWM - Kleiduro 1-19

DATE: 6-10-10

PAGE 2 OF 2

LINE	DESCRIPTION	QUANTITY	UNIT	WELL	DATE	PRICE	TOTAL
325	STANDARD CONSR	1	EA-2			12.00	2100.00
276	FLORIDE	1				150	7500
283	SALT	1				15	13500
284	CASUAL	1				30.00	24000
292	HWAD-322	1				7.00	87500
290	O-ACR	1				35.00	70100
581	SEWICCHANGE	1				175	262.50
582	TOTAL WEIGHT	18325				250.00	250100
	LOADED MILES	20					
	CUBIC FEET	175					
	TON MILES	183.25					
							4007.50

JOB LOG

SWIFT Services, Inc.

DATE 6-10-10 PAGE NO. 1

CUSTOMER AMERICAN WOODROW INC WELL NO. 1-19 LEASE BREHM-KLEWENO JOB TYPE 5 1/2" LONGSTRING 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 LOCATZON
	1830							START 5 1/2" CASING IN WELL
								TD-4237 SET= 4236 TP-4240 5 1/2" 15.5 ST-43
								CENTRALIZERS- 1, 2, 3, 4, 80 CEMENT BASKET- 5
	2030							DROP BALL- CALCULATE ROTATE
	2105	6	12		✓		400	PUMP 500 GAL MUD FLUSH "
	2107	6	20		✓		400	PUMP 20 BBL VCL-FLUSH "
	2115		7.5					PLUG RH - MH (30 SKS - 20 SKS)
	2120	4	30		✓		300	MIX CEMENT - 125 SKS EA-2 - 15.5 PPG "
	2128							WASH OUT PUMP- LEDES
	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

1. SERVICE LOCATIONS: **Ness City KS** WEL/PROJECT NO: **1-19** LEASE: **Brehm-Klemo Ness** COUNTY/PARISH: **Ness** STATE: **KS** CITY: **Ness City** DATE: **6-17-10** OWNER: **1**

2. TICKET TYPE: **CONTRACTOR** RIG NAME NO. **Baseline** SHIPPED VIA: **DELIVERED TO: Baseline** ORDER NO. **6-17-10**

3. WELL TYPE: **Oil** WELL CATEGORY: **Development** JOB PURPOSE: **Cement Between 8 1/2" & 5 1/2"** WELL PERMIT NO. **Baseline 2NKE Sinto**

4. REFERRAL LOCATION: **INVOICE INSTRUCTIONS**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	MILEAGE	QTY	UM	QTY	UM	UNT PRICE	AMOUNT
		LOC	ACCT								
375				MILEAGE TRK #114	10mi					50.00	500.00
577				Pump Charge	1ea					850.00	850.00
581				Service Charge Cement	150slk					1.50	225.00
582				Minimum Drayage Charge	1ea					250.00	250.00
330				Swift Multi-Density Stud	150slk					15.00	2250.00
276				Flacela	40lbs					1.50	600.00
290				D-Air	25sl					3.50	70.00

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 **Scott** DATE SIGNED: **6-17-10** TIME SIGNED: **1515**

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? YES NO

WE UNDERSTOOD AND MET YOUR NEEDS? YES NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY? YES NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: **3755.06**

TOTAL: **3881.14**

TAX: **5.3%**

SWIFT OPERATOR: **Scott** APPROVAL: **Scott**

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

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 6-17-10 PAGE NO.

CUSTOMER *American Warrior* WELL NO. *1-19* LEASE *Brehm Keweno* JOB TYPE *Cement Between 8 7/8" & 5 1/2"* 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 7/8" 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 pps
		3	27		✓		200	Cement 75 sks @ 12.2 pps
	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	American Warrior, Inc. Brehm-Kleweno #1-19 Sec. 19 T18s R21w 1965' FNL & 1245' FWL
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

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			
Formation				
Anhydrite	1402', +740	1416', +734	(+6)	NA
Base	1436', +706	NA	NA	NA
Heebner	3594', -1452	NA	NA	3652', -1473
Lansing	3642', -1500	3664', -1505	(+5)	3699', -1520
BKc	3962', -1821	NA	NA	NA
Pawnee	4042', -1900	4068', -1909	(+9)	4093', -1914
Fort Scott	4120', -1978	4142', -1983	(+5)	4175', -1996
Cherokee	4140', -1998	NA	NA	NA
Mississippian	4227', -2085	4239', -2080	(-5)	4303', -2124

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.










DRILL STEM TESTS

No.	Interval	FP/Time	BP/Time	FP/Time	FBP/Time	SH-TM	RECOVERY

REMARKS AND RECOMMENDATIONS - The location for the Belton-Klewan #1-15 was found via 3-D seismic survey. The new well was structurally as expected in the survey. Two Drill Stem Tests were conducted one of which revealed commercial amounts of oil from the Mississippian. A decision was made to run 5 1/2 inch production casing to further evaluate the Belton-Klewan #1-15 well.

Respectfully Submitted
Ladon Allen
 6-14-2010

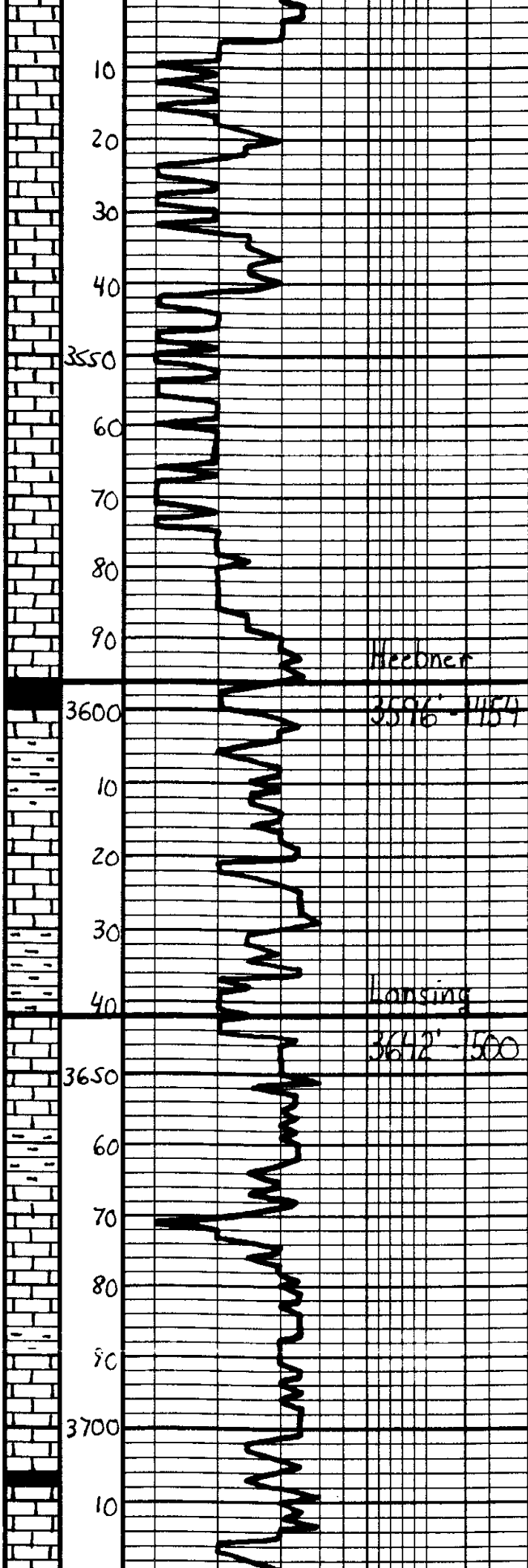
LEGEND

- 
Anhydrite
- 
Salt
- 
Sandstone
- 
Shale
- 
Carb sh
- 
Limestone
- 
Ool.Lime
- 
Chert
- 
Dolomite

LITHOLOGY	DEPTH	DRILLING TIME (Logarithmic Scale)	SAMPLE DESCRIPTIONS	REMARKS
		5 1 2 3 4 5 10 15 20 30		

LOG ANALYSIS
0
S #

FEET HOURS



Gen on location
6:00 p.m. 6-8-2010

Ls. Tan-lt. Gray, Fossils, Mottled,
Fossil, Chalky, Brown

Ls. ala

Ls. Tan-lt. Gray, Fossils,
Mottled, Fossil, Chalky,
Brown

Ls. ala

Ls. ala

Heebner

3597' - 3616'
2016 - 107

Sh. Bk. Carb.

Sh. Gray-Brown-Gen

Ls. Offwh-lt. Gray, Fossils,
pour estocula p. Brown

Sh. Gray-Brown-Gen

Lansing

3642' - 3650'
3612 - 500

Ls. Tan-lt. Gray, Fossils,
Fossil, w/ poor comp.,
Brown

Sh. Gray-Brown

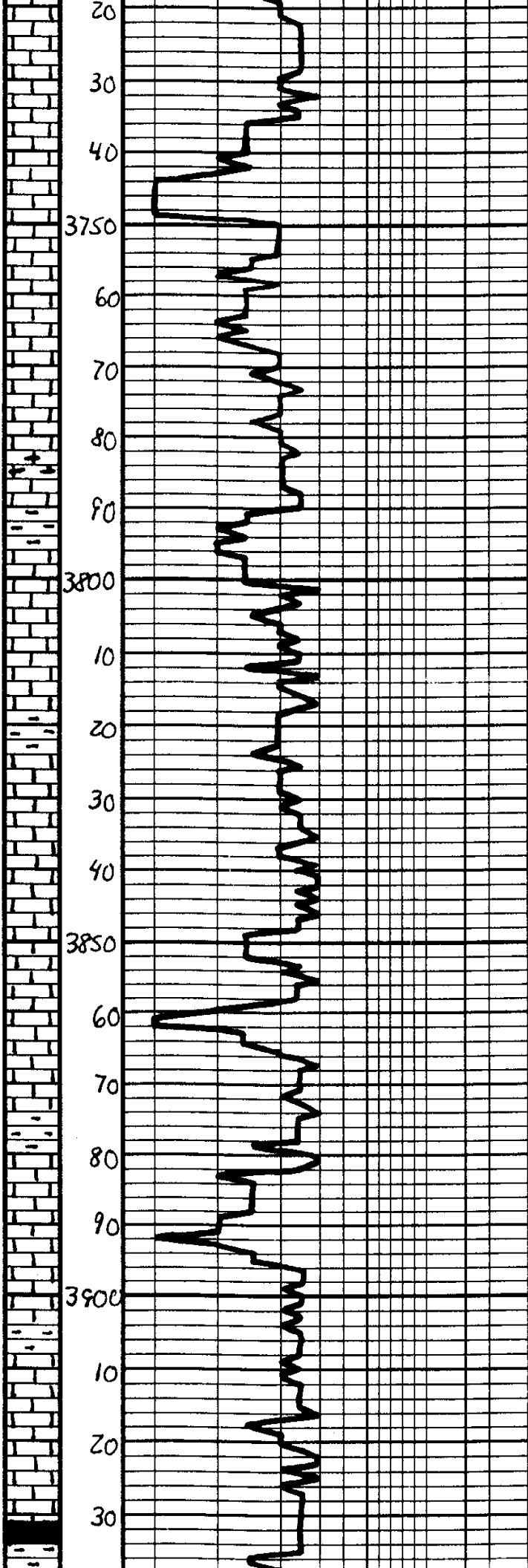
Ls. Offwh-lt. Gray, Fossils,
Fossil, w/ good comp.,
Brown

Sh. Gray-Brown

Ls. Offwh-lt. Gray, Fossils,
Fossil, w/ poor comp.,
p. Brown. Sh. Dk Gray

Sh. Dk Gray

Ls. Tan-lt. Gray, Fossils



LS - gla, DNS

LS - gla, DNS

LS - Top - Lt. Gray, Fx xln, Fossil out. w/ pale green sh. Barren, St. A. Whit

LS - gla w/ pale fine sand sh. Barren

LS - Tan - Lt. Gray, Fx - Siderite, DNS

Sh - Gray - Ben

LS - Off wh. Lt. Gray, Fx xln, Fossil out. w/ pale green sh. Barren

LS - gla, Mostly, DNS

Sh - Gray - Ben

LS - Top - Lt. Gray, Fx xln, Fossil out. w/ pale green sh. Barren

LS - gla, DNS

LS - Off wh. Lt. Gray, Fx xln, Fossil out. w/ pale green sh. Barren

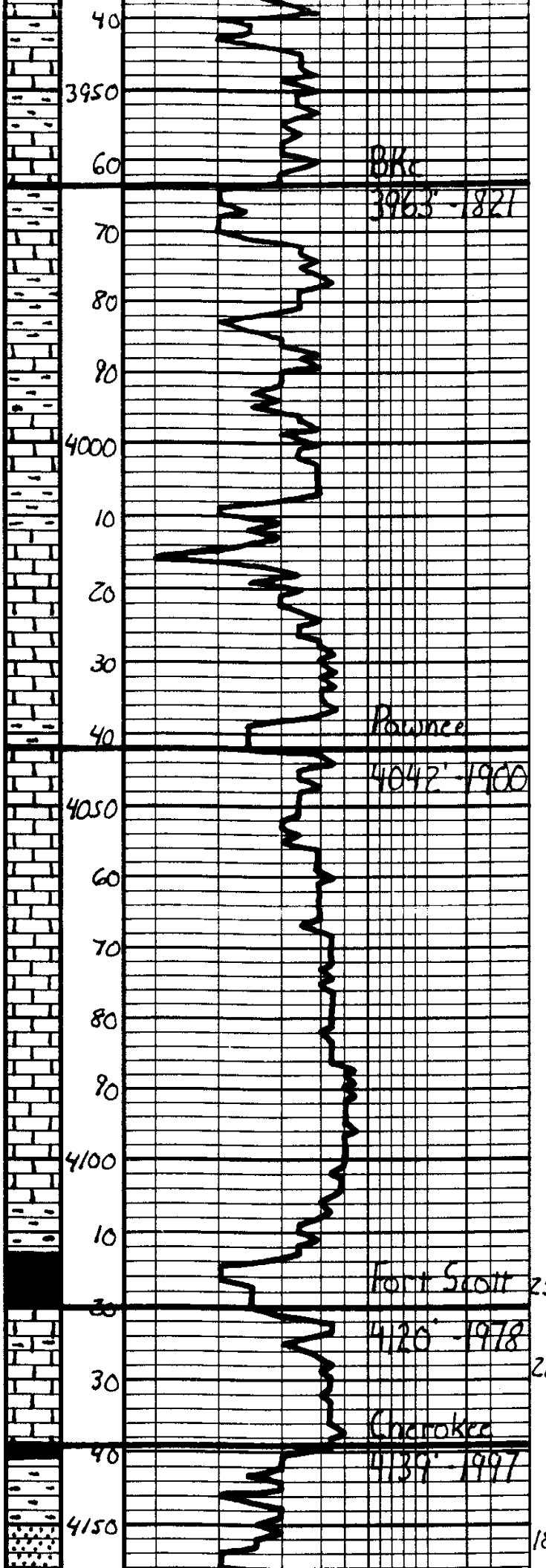
Sh - Gray - Ben

LS - Tan - Lt. Gray, Fx xln, Fossil out. w/ pale green sh. Barren

Sh - Gray - Ben

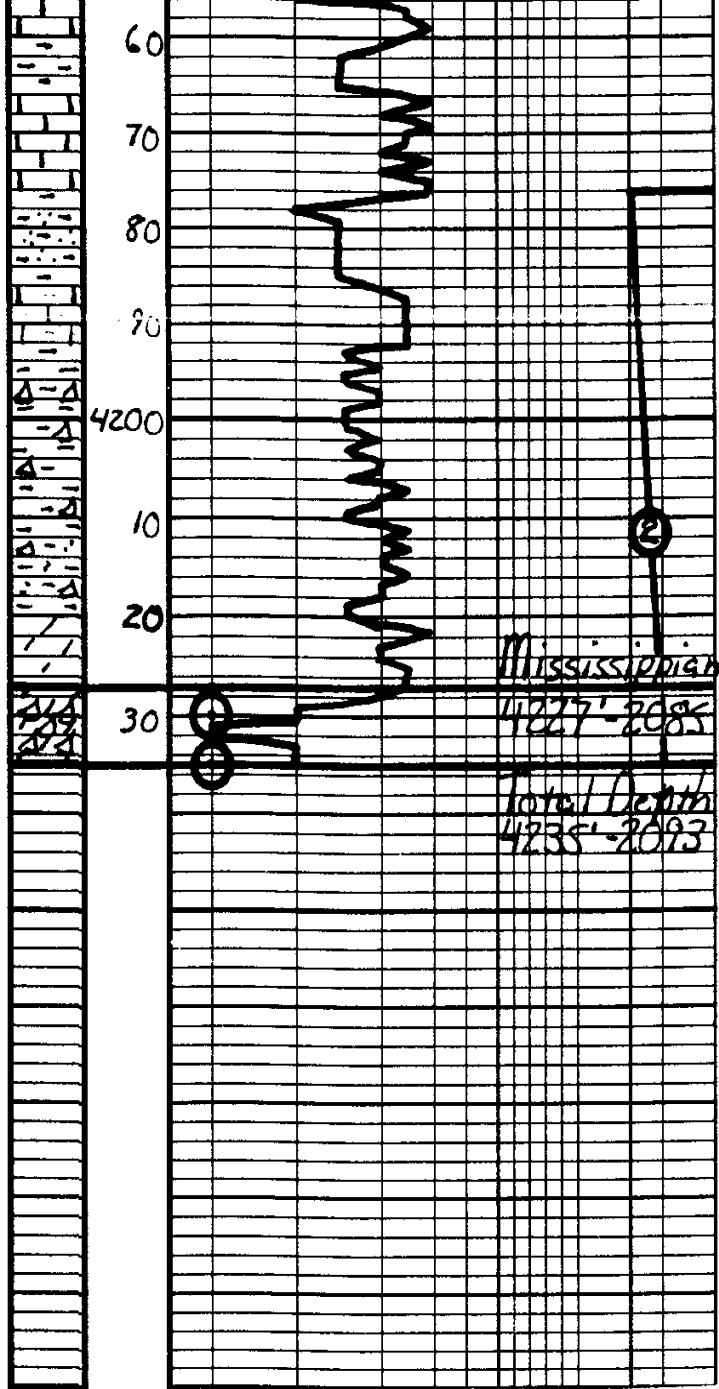
LS - Tan Lt. Gray, Fx xln, Fossil out. w/ pale green sh. Barren

Sh - Blk - Dck Gr.



Sh. Grey - Bea
 Ls. Tan - Gray, Subalar. DNS
 Ls. - a/a
 Sh. Gray - Bea - Gen
 Ls. Tan - Lt. Gray, Subalar. DNS
 Sh. Gray - Bea
 Sh. Gray - Bea - Gen
 Ls. Tan - Lt. Gray, Subalar. DNS
 Sh. Gray - Bea - Gen
 Ls. Offshp - Lt. Gray, Fr. Subalar, Fragil, w/ thinning clay & Scot. prop. interbed. & Bed.
 Ls. - a/a, DNS
 Sh. - Dk. Gray - Gen
 Ls. Tan - Lt. Gray, Subalar. DNS
 Ls. - a/a
 Ls. - Tan - Gray, Subalar. DNS
 Ls. - a/a
 Sh. Gray - Dk. Gray
 Sh. - Dk. Carb.
 22 Ls. - Tan - Gray - Sl. Mottled, Fr. Subalar, w/ pinpoint impure. & Lt. Oil Stain. Mostly DNS. Lt. Oolite N.S.E. - D. - Lt. Gray
 Sh. - Dk. Gray - Bk.
 Sh. - Gray - Bea - Gen
 18 SS - Gtz. Fr. on S. to R. Complex, Well S. with, Fr. - w/ Lt. Gray, w/ poor inter. & D. - Lt. Scot. oil

DST#1



St. Christopher, UNSECO, No. Oclar.
Lb. Lim. Blue

Sh. Gray

Ls. Tan. Gray, St. Mattheck, School
DMS

10 Sh. SS - Gtz, Top 50. Mostly Seeps
Sub. rounded, fairly compact
w/ pore scat, some ga & VIB
Spt. bit of clay cement, NFEA
thru. Mass. DMS

10 Sh. Tan. Ben. Co. A. Whit. Yel.
Few pieces w/ sect. pip. Part
empty of w/ oil st. dead.
NFEA, No Oclar.

Sh. - 20' - ala, Brown, Few DMS
SS clusters

18 Data - Oklahoma: Ben. Fine to med
fine waxy s. interbed. of s.
Heavy - G.P., interbed. w/
Coar. waxy s. Part of st.
Spt. S.D. Ls. - brown Oclar.
Fair Yel. Blue.

Mississippi	4227' - 4235'
Mis-run	
DST#2	
Mississippi	4176' - 4235'
	45" - 45" - 45" - 45"
LH	2163#
IF	52-166# 808 74 min.
ISI	1316# Dead
FF	170-256# 808 70 min.
FSE	1308# Dead
FH	2037#
BHT	121°F
Recovery:	
	70' GIP
	5' CO
	45' MGO
	340' GW HOGM 35% ON, 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)

Time Tool Opened:

Time Test Ended:

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

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 @ Run Depth: 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

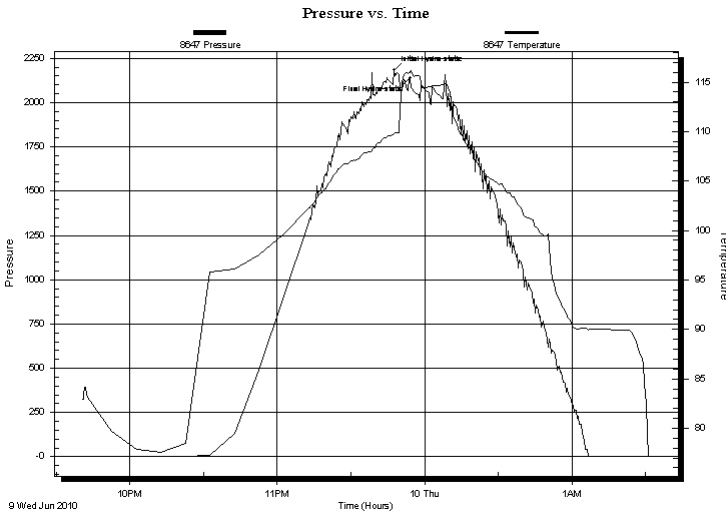
TEST COMMENT: IFP - Packer Failure

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:

bbbl

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 bbbl

Total Length: ft Total Volume: bbl

Num Fluid Samples: 0

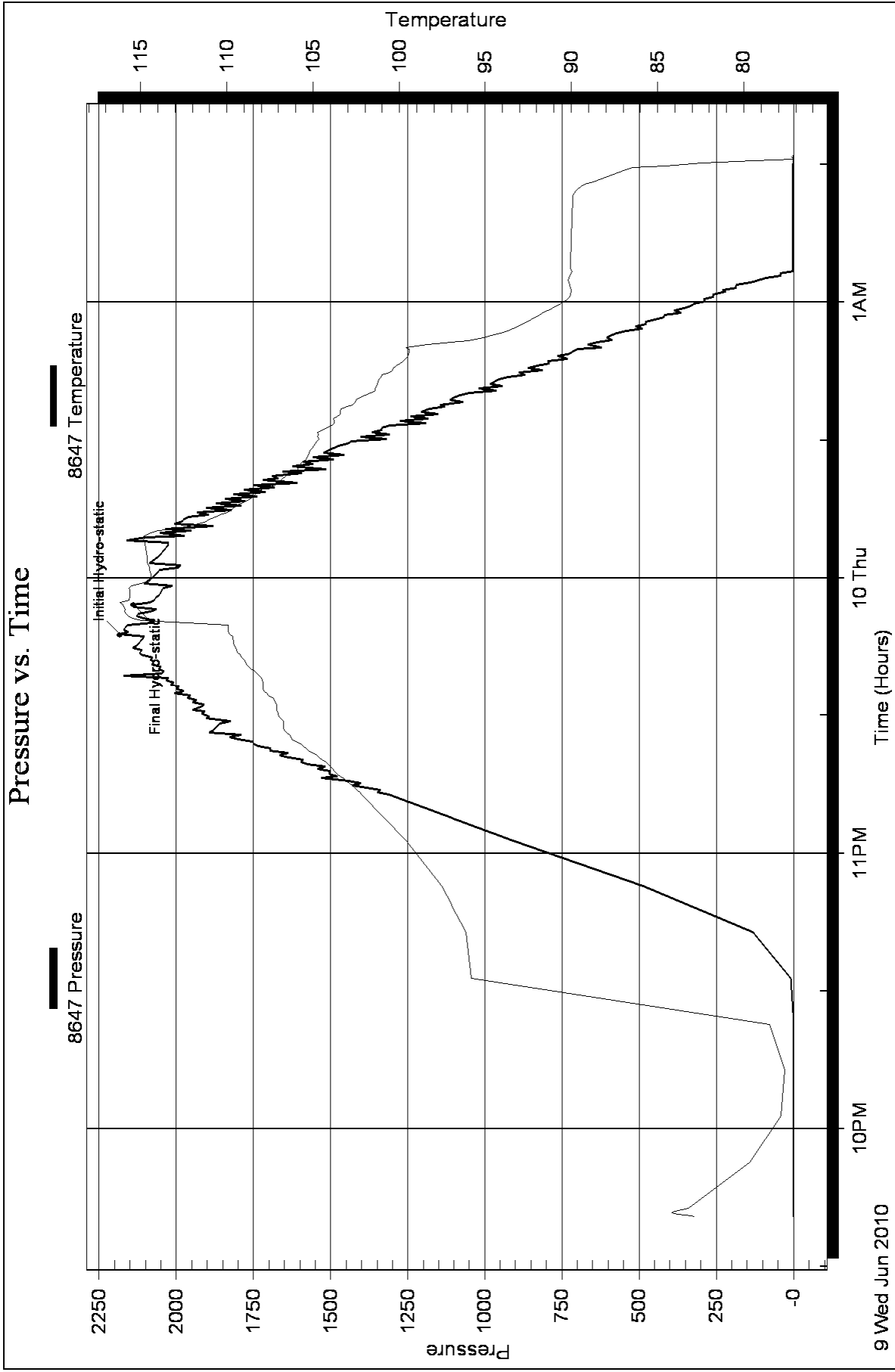
Num Gas Bombs: 0

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)

Time Tool Opened: 03:44:17

Time Test Ended: 09:31:16

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

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 @ Run Depth: 256.26 psig @ 4181.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.06.10

End Date:

2010.06.10

Last Calib.: 2010.06.10

Start Time: 02:12:52

End Time:

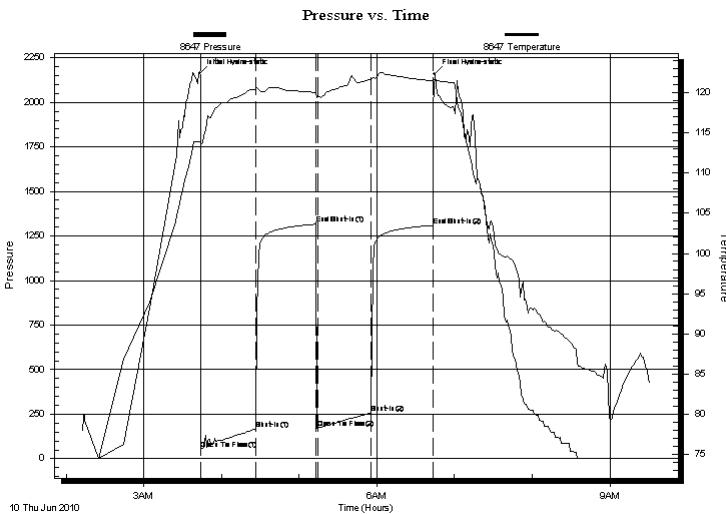
09:31:16

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

Cushion Type:

Oil API:

41 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

26000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.35 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 bbbl
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:

