



**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

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: \_\_\_\_\_



1053641

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> <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	Schlegel 1-31
Doc ID	1053641

Tops

Name	Top	Datum
Anhydrite	1502	779
Heebner	3792	-1511
Lansing	3840	-1559
BKC	4170	-1889
Pawnee	4294	-2013
Ft. Scott	4321	-2040
Cherokee	4336	-2055
Mississippian	4400	-2119
TD	4416	-2135

# **Geological Report**

American Warrior, Inc.

**Schlegel #1-31**

1980' FNL & 365' FWL

Sec. 31 T19s R20w

Rush County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Schlegel #1-31  
1980' FNL & 365' FWL  
Sec. 31 T19s R20w  
Rush County, Kansas  
API # 15-165-21856-0000

Drilling Contractor: Petromark Drilling, LLc. Rig #1

Geologist: Jason Alm

Spud Date: August 3, 2010

Completion Date: August 11, 2010

Elevation: 2275' Ground Level  
2281' Kelly Bushing

Directions: Alexander KS, 7 mi. South, 2 mi. West on X Ave.  
½ mi. South, East into location.

Casing: 222' 8 5/8" surface casing  
4415' 5 1/2" production casing

Samples: 10' wet and dry, 3700' to RTD

Drilling Time: 3700' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Andy Carrera"

Problems: None

Remarks: None

## Formation Tops

	<b>American Warrior, Inc.</b>
	<b>Schlegel #1-31</b>
	<b>Sec. 31 T19s R20w</b>
	<b>1980' FNL &amp; 365' FWL</b>
<b>Formation</b>	
Anhydrite	<b>1502', +779</b>
Base	<b>1534', +747</b>
Heebner	<b>3792', -1511</b>
Lansing	<b>3840', -1559</b>
BKc	<b>4170', -1889</b>
Pawnee	<b>4294', -2013</b>
Fort Scott	<b>4321', -2040</b>
Cherokee	<b>4336', -2055</b>
Mississippian	<b>4400', -2119</b>
RTD	<b>4416', -2135</b>

## Sample Zone Descriptions

**Mississippian Osage (4400', -2119):**      **Covered in DST #1**

Dolo – Δ – Fine sucrosic crystalline with fair vuggy porosity, heavy chert, triptolitic, weathered with good vuggy porosity, light to good oil stain and saturation, show of free oil, light to fair odor, good yellow cut fluorescents, 36 units hotwire.

**Drill Stem Tests**  
 Trilobite Testing, Inc.  
 "Andy Carrera"

**DST #1**

**Mississippian Osage**

Interval (4404' – 4412') Anchor Length 8'

IHP	– 2265 #	
IFP	– 45" – B.O.B. 40 min.	27-92 #
ISI	– 45" – V.W.S.B.	1229 #
FFP	– 45" – B.O.B. 43 min.	97-139 #
FSI	– 45" – V.W.S.B.	1178 #
FHP	– 2160 #	
BHT	– 117°F	

Recovery: 186' GIP  
 206' GCO  
 62' MCGO 60% Oil  
 62' OCGM 30% Oil

**Structural Comparison**

<b>Formation</b>	<b>American Warrior, Inc.</b> Schlegel #1-31 Sec. 31 T19s R20w 1980' FNL & 365' FWL	McCoy Petroleum Co. Young 'A' #1-31 Sec. 31 T19s R20w 3960' FSL & 4950' FEL	Sheilds Oil Prod. Young 'A' #1 Sec. 31 T19s R20w C SW NW	<b>FL</b>
Anhydrite	<b>1502', +779</b>	NA	1496', +779	<b>NA</b>
Base	<b>1534', +747</b>	NA	NA	<b>NA</b>
Heebner	<b>3792', -1511</b>	3802', -1509	3780', -1505	<b>(-6)</b>
Lansing	<b>3840', -1559</b>	3850', -1557	3827', -1552	<b>(-7)</b>
BKc	<b>4170', -1889</b>	NA	NA	<b>NA</b>
Pawnee	<b>4294', -2013</b>	4300', -2007	NA	<b>NA</b>
Fort Scott	<b>4321', -2040</b>	4335', -2042	4308', -2033	<b>(-7)</b>
Cherokee	<b>4336', -2055</b>	4348', -2055	4325', -2050	<b>(-5)</b>
Mississippian	<b>4400', -2119</b>	4408', -2115	4396', -2121	<b>(+2)</b>

## **Summary**

The location for the Schlegel #1-31 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One drill stem test was conducted which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate Schlegel #1-31 well.

## **Recommended Perforations**

**Mississippian Osage:           (4400' – 4415')                           DST #1**

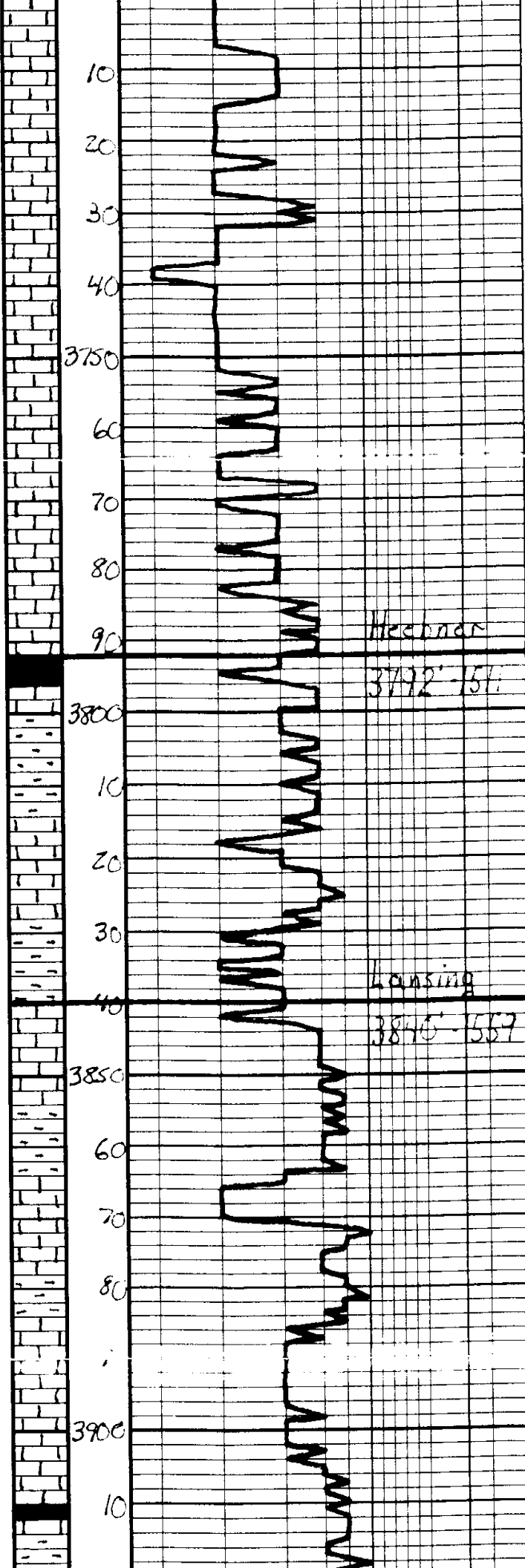
Respectfully Submitted,

Jason Alm  
Hard Rock Consulting, Inc.



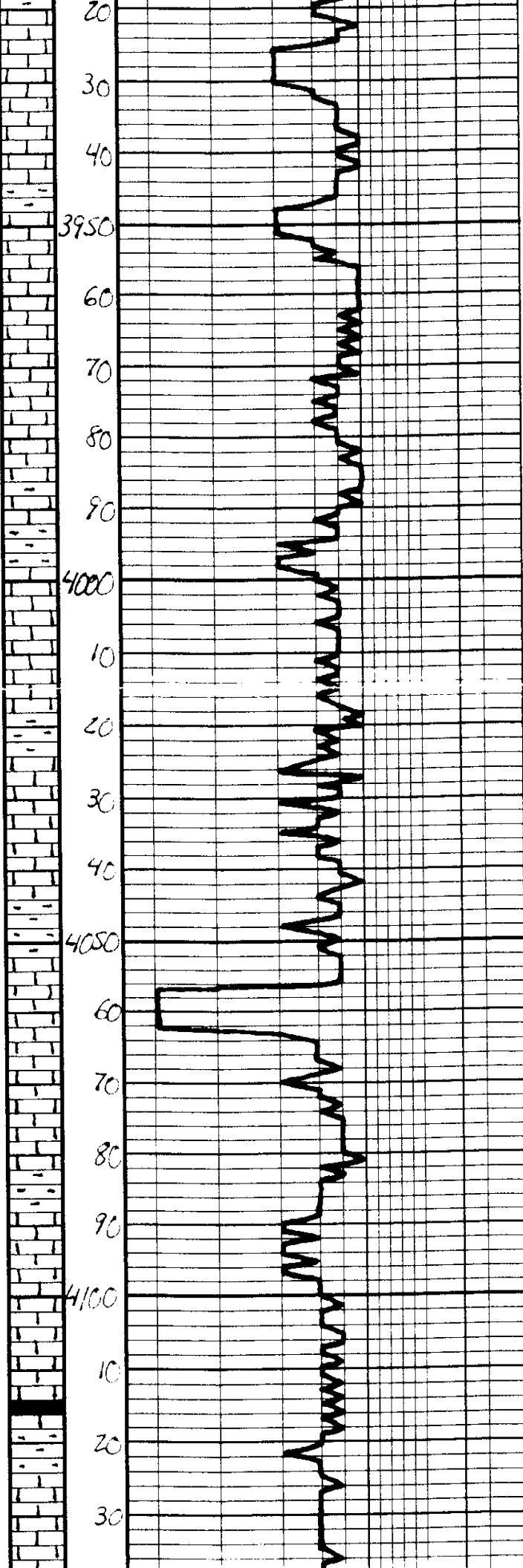






Geo on location  
6:00 p.m. 8-8-2010

LS - Tan - Lt. Gray, Fossils Base
LS - g/s
LS - Tan - Lt. Gray, Fossils Base
LS - g/s
Sh - Bk, Calc.
Sh - Gray - Blue - Tan
LS - Light Gray - Tan, Fossils Fossils intercalated in layers
LS - Tan - Gray - Blue - Tan
LS - Tan - Lt. Gray, Fossils Base
Sh - Tan - Blue
LS - Opt. Tan - Tan, Fossils Fossils intercalated in layers Fossils
Sh - Gray - Blue
LS - Tan - Lt. Gray, Fossils Base
LS - g/s
Sh - Dick Gray



Ls. Tan. Lt. grey, Fa. subalv.  
Fossiliferous with fossiliferous  
Barron, Mainz, DNS

Ls. - sil. DNS

Ls. - tan. Diffuse, Fa. sil.  
with fossiliferous & other  
Barron

Ls. Tan. Lt. grey, Subalv. DNS

Ls. - sil.

Sh. - grey. Ben

Ls. - tan. Lt. grey, Subalv. DNS

Sh. - grey. Ben

Ls. - Tan. Lt. grey, in sil.  
Fossiliferous with fossiliferous  
Barron

Ls. - sil. DNS

Sh. - grey. Ben

Ls. - Tan. Lt. grey, Fa. sil.  
Fossiliferous with fossiliferous  
Barron

Ls. - Diffuse. Lt. grey, Fa. subalv.  
DNS

Sh. - grey. Ben

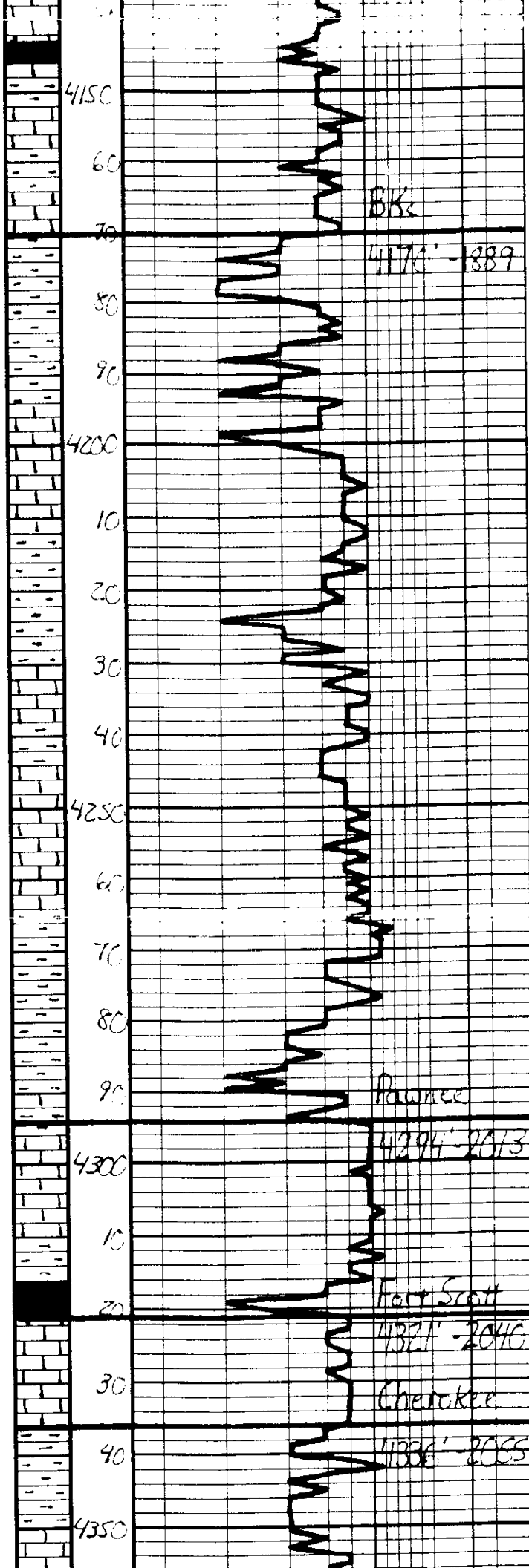
Ls. - Tan. Lt. grey, Fa. sil.  
Fossiliferous with fossiliferous  
Barron

Ls. - sil. DNS

Sh. - Dark grey. Blk

Sh. - grey. Ben

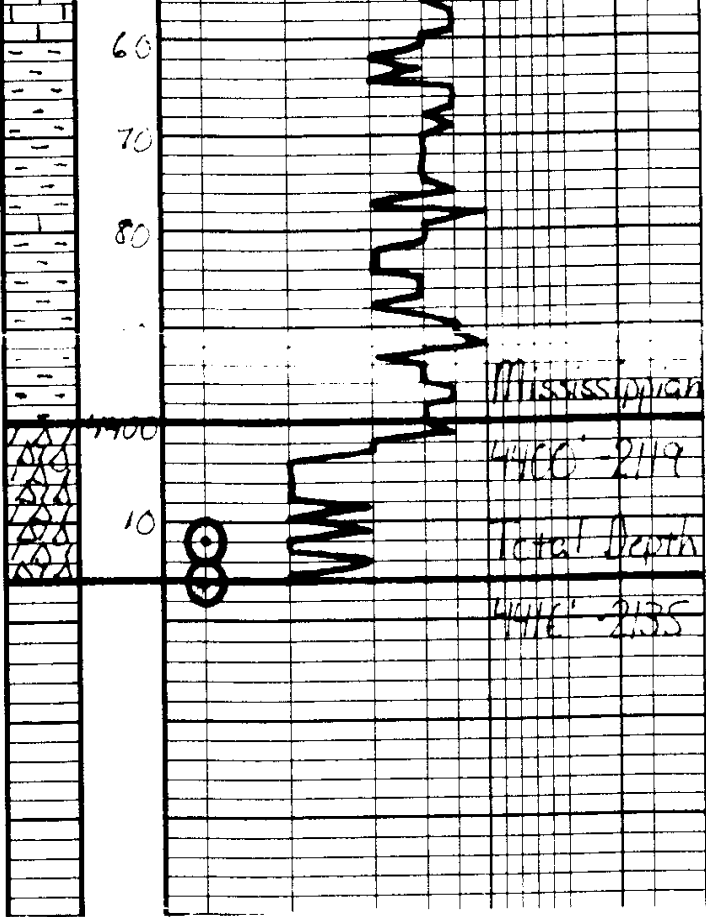
Ls. - Tan. Lt. grey, Subalv.  
Fossiliferous with fossiliferous  
Barron



Sh. Blue Sand  
Ls. Tan. Gray. Subal. DNS  
Ls. a/a  
Sh. Tan. Gray. Red  
Sh. a/a  
Ls. Tan. Lt. Gray. Subal. DNS  
Sh. Pink Gray. Brn  
Ls. Tan. Lt. Gray. Subal. DNS  
Ls. a/a  
Ls. a/a, Chalky  
Sh. Pink Gray. Gray  
Sh. Gray. Blue. Brn  
Ls. Gray. Subal. DNS  
Sh. Blk. Carb  
Ls. Tan. Gray. Subal. DNS  
Sh. a/a  
Sh. Gray. Brn. Gray. Fine Gr. Chert, DNS, Bacteria  
Ls. Tan. Gray. Subal. DNS

**DST#1**  
Mississippian  
4404' - 4412'  
45" 45" 45" 45"

IH 2065#  
IF 27-92#  
BCB 40 min.  
ISI 1229#  
U.W.S.B.  
FF 97-139#  
BOB 43 min.  
FSI 1178#  
U.W.S.B.  
FH 2160#  
BHT 117°F  
RWD 0.01



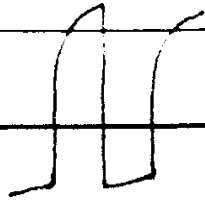
Mississippian

4400' - 2119

Total Depth

4446' - 2135

Sh - Gray - Ben - Green, Fine Bentonite  
 Sh - g/s  
 Sh - Multicolored, Lt. Pink - Ben  
 Sh - a/s  
 Dip 87° - Tan - Lt. Blue, Gypsum  
 also see Part 11339 Part 11340  
 11341 - 11342 - 11343 - 11344 - 11345 - 11346 - 11347 - 11348 - 11349 - 11350  
 11351 - 11352 - 11353 - 11354 - 11355 - 11356 - 11357 - 11358 - 11359 - 11360  
 11361 - 11362 - 11363 - 11364 - 11365 - 11366 - 11367 - 11368 - 11369 - 11370

180' 6210  
 200' 6600  
 60' 6660  
 60% Oil  
 62' 6660  
 30% Oil  
  
 Respectfully,  
 10000  
 8-13-2010

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Services, Inc.

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

TICKET 18779

PAGE 1 OF 1

1. SERVICE LOCATIONS Nuss City, KS	WELL/PROJECT NO. 1-31	LEASE Schlegal	COUNTY/PARISH Rush	STATE KS	CITY Bazine	DATE 4/11/61	OWNER
2. TICKET TYPE SERVICE SALES	CONTRACTOR Petrowan	RIG NAME NO. #1	SHIPPED VA CT	DELIVERED TO Medison	ORDER NO.		
3. WELL TYPE Oil	WELL CATEGORY Development	JOB PURPOSE Cement surface pipe	WELL PERMIT NO.	WELL LOCATION Rush 31-145-20W			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
5765 515					MILEAGE TRK 114	25	mi			5.00	125.00
5765					Pump Charge - shallow surface	1	ea			750.00	750.00
325					Standard Cement	150	skts			12.00	1800.00
279					Gel	3	sk			25.00	75.00
278					calium Chloride	4	sk			35.00	140.00
581					Service charge	150	skts			1.50	225.00
582					Minimum Arayage	1	ea			250.00	250.00
290					D-AIR	1	pr			35.00	35.00

**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  
 785-798-2300

<input type="checkbox"/> SURVEY	<input type="checkbox"/> AGREE	<input type="checkbox"/> UN-DECIDED	<input type="checkbox"/> DIS-AGREE	PAGE TOTAL	34.00	00
<input type="checkbox"/> OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				TAX		
<input type="checkbox"/> WE UNDERSTOOD AND MET YOUR NEEDS?				TOTAL		
<input type="checkbox"/> OUR SERVICE WAS PERFORMED WITHOUT DELAY?						
<input type="checkbox"/> WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?						
<input type="checkbox"/> ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES  
 APPROVAL  
 Thank You!

**JOB LOG**

**SWIFT Services, Inc.**

DATE 4 AUG 10 PAGE NO.

CUSTOMER <u>American Warrior</u>	WELL NO.	LEASE	JOB TYPE	TICKET NO.
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								150 SKS STD 2% gel 3% CC 8 3/8 23"
	<del>1920</del>							on location TRK 114
	<del>1920</del>							pipe in holes - hook up to circulate
	1935	6	5			200		stop circulation - chain down pipe pump 5 bbl H <sub>2</sub> O
	1939	4	36			200		start cement shut down cement
	1950							caught 2 sample cups
	1955	4 1/2	13			300		start displacement stop displacement (13 bbl)
	1957							close in well - release pressure wash up truck
	2015							job complete
								Thanks Brett, Joe, Lane, Dave, Glenn





Services, Inc.

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

TICKET 18785

PAGE 1 OF 2

1. SERVICE LOCATION: **Mid City, KS** WELLS/PROJECT NO.: **1-31** LEASE: **Schlegel** COUNTY/PARISH: **Rush** STATE: **KS** DATE: **11 AUG 10** OWNER: **RUSS**

2. TICKET TYPE:  SERVICE  SALES CONTRACTOR: **Partners** RIG NAME/NO: **91** SHIPPED: **WST** DELIVERED TO: **LOCATION** ORDER NO.:

3. WELL TYPE: **0.1** WELL CATEGORY: **Development** JOB PURPOSE: **Cement long string** WELL PERMIT NO.:

4. REFERRAL LOCATION: **INVOICE INSTRUCTIONS** WELL LOCATION: **3145-2800 RUS4**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE TRK 114	20	mi	20	mi	5.00	1000.00
578					Pump Charge - long string	1	ea			1400.00	1400.00
407					INSCT FLOOR SLICE w/ ADR E11	5 1/2	in	1	ea	275.00	275.00
406					Batch down pipe & bottle	5 1/2	in	1	ea	225.00	225.00
403					Cement baskets	5 1/2	in	2	ea	200.00	400.00
402					Controlizer	5 1/2	in	5	ea	55.00	275.00
29D					D-A-E	2	gal	2	gal	35.00	70.00
281					MUD FLUSH	500	gal	500	gal	1.00	500.00
221					RCL	2	gal	2	gal	25.00	50.00
					Rotating Head Rental	5 1/2		1	ea	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: *[Signature]* TIME SIGNED:  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?  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: **TOTAL**

JOB LOG

SWIFT Services, Inc.

DATE 11/11/61 PAGE NO. 1

CUSTOMER American Water Well No. Schlegel LEASE 1-31 JOB TYPE Cement long string TICKET NO. 18785

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								+D 4 1/2" pipe - 4418' depth = 47' 100 joints + 5 1/2" 15.5# (total 4371' conduits 1, 2, 3, 4, 66 Baskets 5, 67 portella 67-1463 (portella #58) H-D water truck on loc 175 SKS EA-2 w/ 5' scale
	0400							on location - rig changing over
	0510 0610							start pipe TRK 114 on location
	0710							Drop ball - hook up to pipe circulate mud - rotating
	0800	4 1/2	32				200	Pump mud flush & KCL
		2	7				0	Pump cement in rat hole - 30 SKS
	0810	4 1/2					200	start downhole with EA-2 cement rotating
	0825	4 1/2	34				200	<del>start pump</del> Finish cement 340 bbls 145 SKS
	0828	6 3/4					200	Wash pump & line Drop plug - start displacement
		6 3/4	94				400	stop rotating
	0842	6 3/4	104				800 1500	land plug 1500' lb
	0844							release pressure - float held
								wash up truck
	0910							rack up job complete Thanks Bob, Dave & Ed



Swifton, Inc

PO Box 466

Ness City, KS 67560

Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 18785

CUSTOMER America Wharrior

WELL Sched 1-31 DATE 1/14/06 NO PAGE 2 OF 2

	CUSTOMER			WELL		DATE	PAGE	
	America Wharrior			Sched	1-31	1/14/06	NO	2 OF 2
325	1	std cement	175 SKS	8	SKS	12.00	2100.00	
284	1	calc. sal.	200000	8	SKS	30.00	2400.00	
283	1	SALE	900116			015	1351.00	
292	1	Harrel 322	125 16			7.00	875.00	
276	1	Flacker	50 16			1.50	75.00	
582		Minimum Drayage	1.00			250.00	250.00	
581		SERVICE CHARGE	175			1.50	262.50	
		TOTAL WEIGHT						
		LOADED MILES						
		TOTAL MILES						
		CUBIC FEET						
		TON MILES						



Services, Inc.

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

TICKET 18929

PAGE 1 OF 1

SERVICE LOCATIONS  
1. NESS CITY, KS

WELL PROJECT NO. # 1-31

LEASE # 5ch12go1

COUNTY/RANGE RUSH

STATE CITY KS. BAZINE, KS.

DATE 19AUG16

OWNER

TICKET TYPE CONTRACTOR  
SERVICE H D D O I L F I E L D S E A U .

RIG NAME NO.

SHIPPED VIA DELIVERED TO LOCATION

ORDER NO.

WELL PERMIT NO.

WELL LOCATION 4E105, 2E145, F/UT/10

WELL TYPE DIL

JOB PURPOSE DEVELOPMENT CEMENT PORT CULAR

WELL INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #11D	25	mi			5.12	128
576D		1			PUMP CHARGE	158			FT	1100.00	173800
290		1			D-AIR	194				35.00	6826
105		1			PORT CULAR OPENING TOOL	158				300.00	47400
276		1			ADCELE	281	lb			1.50	421.50
330		1			SWIFT MULTI DENSITY STANDARD	1105	lb			15.00	16575.00
581		1			SERVICE CHARGE CEMENT	175	lb			1.50	262.50
582		1			MINIMUM DRAINAGE	17384	lb	217	307m	250.00	25500.00

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 19AUG16

TIME SIGNED 1245

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?

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

PAGE TOTAL 3764

TOTAL 3892

RUSH TAX 70

SWIFT OPERATOR: [Signature]

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: [Signature]

APPROVAL: [Signature]

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 19 AUG 10 PAGE NO. 1

CUSTOMER AMERICAN WARRIOR

WELL NO.

LEASE SCHIEGEL 1-31

JOB TYPE CEMENT PORT COLLAR

TICKET NO. 18929

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1540							ON LOCATION PORT COLLAR @ 1463'
	1624				✓		1000	PRESSURE UP - HELD - RELEASED
	1624	3			✓		300	OPEN PORT COLLAR TAKE LWS. RATE.
	1633	4	61	✓		300		MIX CEMENT. 1105x 5110 @ 11.2 ppg. - 205x TO PIT
	1651			✓		1000		CLOSE PORT COLLAR PRESSURE UP HELD RUN 4 JTS.
	1706	3	20	✓		300		REVERSE CEMENT OUT  WASH TRUCK
	1745							JOB COMPLETE  THANKS #110  JASON, JEFF RUSS, WAYNE.



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

American Warrior  
PO Box 399  
Garden City Ks. 67846  
ATTN: Jason Alm

**Schlegel#1-31**  
**31-19s-20w Rush**  
Job Ticket: 039981 **DST#: 1**  
Test Start: 2010.08.10 @ 12:17:05

## GENERAL INFORMATION:

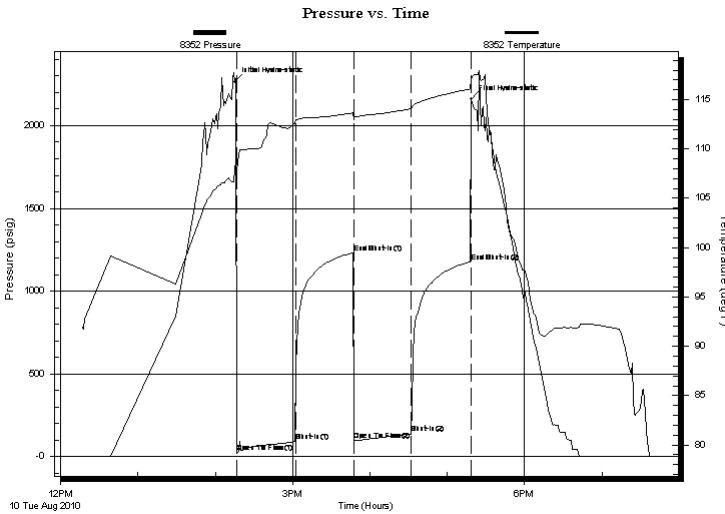
Formation: **Mississippi**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 14:16:20  
Time Test Ended: 19:37:09  
Interval: **4404.00 ft (KB) To 4412.00 ft (KB) (TVD)**  
Total Depth: 4412.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: Andy Carreira  
Unit No: 31  
Reference Elevations: 2281.00 ft (KB)  
2275.00 ft (CF)  
KB to GR/CF: 6.00 ft

## Serial #: 8352 Outside

Press @ Run Depth: 139.45 psig @ 4405.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2010.08.10 End Date: 2010.08.10 Last Calib.: 2010.08.10  
Start Time: 12:17:05 End Time: 19:37:10 Time On Btm: 2010.08.10 @ 14:15:20  
Time Off Btm: 2010.08.10 @ 17:18:50

TEST COMMENT: IF: Steady build, BOB 40 min  
IS: No return  
FF: BOB, 43 min  
FS: No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2264.85	108.01	Initial Hydro-static
1	27.37	107.70	Open To Flow (1)
47	91.83	112.65	Shut-In(1)
92	1229.24	113.67	End Shut-In(1)
93	96.92	112.99	Open To Flow (2)
137	139.45	114.10	Shut-In(2)
183	1177.87	116.09	End Shut-In(2)
184	2160.42	117.07	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
62.00	OCGM g=10% o=30% m=60%	0.30
62.00	MCGO g=10% m=30% o=60%	0.34
206.00	GO g=10% o=90%	2.89
0.00	GIP=186ft	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior  
PO Box 399  
Garden City Ks. 67846  
ATTN: Jason Alm

**Schlegel#1-31**  
**31-19s-20w Rush**  
Job Ticket: 039981      **DST#: 1**  
Test Start: 2010.08.10 @ 12:17:05

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 61.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.76 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	OCGM g=10% o=30% m=60%	0.305
62.00	MCGO g=10% m=30% o=60%	0.345
206.00	GO g=10% o=90%	2.890
0.00	GIP=186ft	0.000

Total Length: 330.00 ft      Total Volume: 3.540 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: Pulled Tight on short trip, Reamed 90 ft back to bottom, Sample full box.  
Were to be on bank @ 6:45, Started out 10:45 !!