



KANSAS CORPORATION COMMISSION 1048275.  
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 # 33323  
Name: Petromark Drilling, LLC  
Wellsite Geologist: Jason Alm  
Purchaser: NCRA

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     WSW     SWD     SLOW  
 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>04/23/2010</u>	<u>04/30/2010</u>	<u>06/18/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-135-25016-00-00

Spot Description: \_\_\_\_\_  
SW SE NW NE Sec. 21 Twp. 18 S. R. 22  East  West  
1,030 Feet from  North /  South Line of Section  
1,660 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW

County: Ness  
Lease Name: Larry Stieben Well #: 1-21

Field Name: Walnut Hill

Producing Formation: Mississippian

Elevation: Ground: 2228 Kelly Bushing: 2234

Total Depth: 4333 Plug Back Total Depth: 4332

Amount of Surface Pipe Set and Cemented at: 223 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 1483 Feet

If Alternate II completion, cement circulated from: 1483

feet depth to: 0 w/ 135 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 25000 ppm Fluid volume: 240 bbls

Dewatering method used: Evaporated

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: Deanna Garrison Date: 12/17/2010



1048275

Operator Name: American Warrior, Inc. Lease Name: Larry Stieben Well #: 1-21  
 Sec. 21 Twp. 18 S. R. 22  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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  Dual Induction, Compensated Dual Porosity Dual Receiver Cement Bond	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border: none;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Attached</td> <td>Attached</td> <td>Attached</td> </tr> </table>	Name	Top	Datum	Attached	Attached	Attached
Name	Top	Datum					
Attached	Attached	Attached					

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	223	Common	150	2% gel/ 3% CC
Production	7.875	5.5	15.5	4332	EA-2	175	

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	0-1483	SDM	135	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	4321-4331		

TUBING RECORD: Size: <u>2.375</u> Set At: <u>4310</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>12/15/2010</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbls. <u>10</u>	Gas Mcf _____
		Water Bbls. <u>5</u>
		Gas-Oil Ratio _____
		Gravity <u>39</u>

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-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4321-4331</u>
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Larry Stieben 1-21
Doc ID	1048275

Tops

Anhydrite	1525	+709
Heebner	3690	-1456
Lansing	3736	-1502
BKC	4052	-1818
Pawnee	4130	-1896
Ft. Scott	4214	-1980
Cherokee	4236	-2002
Mississippian	4304	-2070
LTD	4333	-2099



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

TICKET  
**17880**

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>Ness City KS</u>	WELL/PROJECT NO. <u>1-21</u>	LEASE <u>Larry Struben</u>	COUNTY/PARISH <u>Ness</u>	STATE <u>KS</u>	CITY <u>Ness City</u>	DATE <u>4-21-10</u>	OWNER
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Petric-Mark Drlg Co.</u>	RIG NAME/NO. <u>1</u>	SHIPPED VIA	DELIVERED TO <u>Bazine</u>	ORDER NO.	
3.	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Cement Surface Pipe</u>	WELL PERMIT NO.	WELL LOCATION <u>Bazine 4W 2N Wenta</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS:						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC.	ACCT.	DF.			UM		UM	
575		1			MILEAGE Trk # 114	20	mi	5	00	100.00
576S		1			Pump Charge Shallow Surface	1	hr	750	00	750.00
581		1			Service Charge Cement	150	sk	11	00	225.00
582		1			Minimum Drayage Charge	1	hr	250	00	250.00
32S		1			Standard Cement	150	sk	12	00	1800.00
278		1			Calcium Chloride	4	sk	35	00	140.00
279		1			Bentonite Gel	3	sk	25	00	75.00
290		1			D-Air	2	gal	35	00	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 E. Carson  
 DATE SIGNED 4-21-10 TIME SIGNED 7:30  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	3410.00
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 checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		TOTAL	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES (The customer hereby accepts the receipt of the materials and services shown on this label.)

SWIFT OPERATOR: E. Carson APPROVAL:

Thank You!

**JOB LOG**

**SWIFT Services, Inc.**

DATE 4-21-10 PAGE NO.

CUSTOMER American Warrior WELL NO. 1-21 LEASE Larry Stieben JOB TYPE Cement 8 5/8 Casing TICKET NO. 17880

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2030							On Location 8 5/8 23# TD-224' TF-223' PS-223'
	2130							Start 8 5/8 Casing
	2205							Break Circulation
	2215	5	5	✓			200	Pump Water Spacer
	2216	4 1/2		✓				Start Cement 150 sks @ 14.7 PPG
	2226	4 1/2	3.6	✓			-	Shut Down Start Displacement
		4 1/2	8.5	✓			200	Cement to Surface 20 sks top it
	2230		13.3				250	Shut Down - Shut in
								Wash Truck
	2300							Job Complete
								Thank you Brett, Dave & Jason



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

TICKET  
**17892**

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>Ness City, KS</u>	WELL/PROJECT NO. <u>1-21</u>	LEASE <u>Living Strickland</u>	COUNTY/PARISH <u>Ness</u>	STATE <u>KS</u>	CITY <u>Ness City</u>	DATE <u>4-30-10</u>	OWNER
2.	TICKET TYPE: <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Petro-Mark Drilling Co.</u>	RIG NAME/NO. <u>1</u>	SHIPPED VIA	DELIVERED TO <u>Bazine</u>	ORDER NO.	
3.	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Cement 5 1/2 Casing</u>	WELL PERMIT NO.	WELL LOCATION <u>Bazine 4W, 2N, Winto</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			UM		UM	
575		1			MILEAGE Trk # 114	20	mi	5	00	100.00
578		1			Pump Charge	1	ea	1400	00	1400.00
221		1			Liquid KCL	2	gal	25	00	50.00
281		1			Mudfl. Tush	500	gal	1	00	500.00
402		1			Centralizer	5	ea	55	00	275.00
403		1			Cement Basket	2	ea	200	00	400.00
406		1			Latch Down Plug + Baffle	1	ea	225	00	225.00
407		1			Insert Float Shoe w/ Anchor	1	ea	275	00	275.00
419		1			Rotating Head Rental	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

X [Signature]  
 DATE SIGNED 4-30-10 TIME SIGNED 12:30 8 AM 2 PM

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	<u>3225.00</u>
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				Page #2	<u>3998.50</u>
WE UNDERSTOOD AND MET YOUR NEEDS?				TAX	
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TOTAL	
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO					
<input checked="" type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

JOB LOG

SWIFT Services, Inc.

DATE 4-30-10 PAGE NO.

CUSTOMER American Warrior WELL NO. 1-21 LEASE Larry St. clon JOB TYPE Cement 5 1/2 casing TICKET NO. 1-7892

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1230							On Location BK 15.5# Cent. 1, 2, 3, 4, 6, 6 TD 4335' Bucket 5, 6, 7 TP 4338' PC # 67 1983 PS 4334' SS 42'
	1245							Start 5 1/2 casing
	1445							Break Circulation
	1510	6 3/4	32	✓				Pump Mud Flush + KCL Flush
	1515	3	7	✓				Plug rat hole 30 sks
	1520	4		✓			200	Start Cement 145 sks @ 15.5 sks
			35					Shut Down - Release Plug Wash Plug
	1535	6 3/4		✓			200	Start Displacement
		6 3/4	80	✓			300	Lift Cement
							750	Max Lift
	1550		102.2	✓				Lead Plug Release - Hold
								Wash Truck
	1630							Job Complete
								Thank you Brett, Dave, + Lane



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

TICKET CONTINUATION

TICKET No. 17892

CUSTOMER American Warrior Inc. WELL Larry Stiebert 21 DATE 4-30-10 PAGE 2 OF 2

325	1		Standard Cement EA-2	175 sks	12 <sup>00</sup>	2100.00
276	1		Floce/c	44 lbs	1 <sup>50</sup>	66.00
283	1		Salt	900 lbs	0 <sup>15</sup>	135.00
284	1		Celsec	8 sks	30 <sup>00</sup>	240.00
290	1		D-Air	2 gal	35 <sup>00</sup>	70.00
292	1		H-lad 322	125 lbs	7 <sup>00</sup>	875.00
581	1		SERVICE CHARGE	CUBIC FEET 175	1 <sup>50</sup>	262.50
582	1		TOTAL WEIGHT 18319	LOADED MILES 20	TON MILES 250	250.00

3948.50





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

TICKET  
17898

PAGE 1 OF 1

SERVICE LOCATIONS: 1. <u>Ness City, KS</u>	WELL/PROJECT NO. <u>1-20</u>	LEASE <u>Larry Stueben</u>	COUNTY/PARISH <u>Ness</u>	STATE <u>KS</u>	CITY <u>Ness City</u>	DATE <u>5-6-10</u>	OWNER
2.	TICKET TYPE: <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>H.O. Oilfield Service</u>	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO <u>Baini</u>	ORDER NO.	
3.	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Cement Port Collar</u>	WELL PERMIT NO.	WELL LOCATION <u>Baini 4W, 2N, Winto</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			5.00	100.00
576 D		1			Pump Charge Port Collar	1	hr			1100.00	1100.00
581		1			Service Charge Cement	175	skt			1.50	262.50
582		1			Minimum Drawn Charge	1	hr			250.00	250.00
330		1			Swift Multi-Density Standard	135	skt			15.00	2025.00
276		1			Floccle	44	lb			1.50	66.00
290		1			D-Air	2	gal			35.00	70.00
105		1			Port Collar Tool Rental w/man	1	hr			300.00	300.00

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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: 5-6-10 TIME SIGNED: 1400  
 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	4173	50
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	130	43
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		5.3%		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	4303	93

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

SWIFT OPERATOR: Scott Corcoran

APPROVAL: \_\_\_\_\_ Thank You!

**JOB LOG**

**SWIFT Services, Inc.**

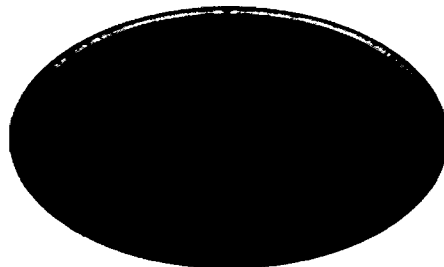
DATE 5-6-0 PAGE NO.

CUSTOMER American Vermin WELL NO. F21 LEASE Larry Stieber JOB TYPE Cement Top Stage TICKET NO. 17848

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1400							On Location 238K SK PCC @ 1483'
	1440				✓		1000	Pressure Test - Held
	1445	3 1/2			✓		400	Open Tool Injection Rate
	1450	4			✓		400	Start Cement 11.2 ppm
		4	66		✓		500	Cement to Surface 135 SKS Total 15 SKS to pit
			73					Shut Down - Start Displacement
			5				700	Shut Down - Shut in
								Close Tool
	1510				✓		1000	Pressure Test - Held
								Run 4 Jts
	1525		20		✓			Reverse Clean
								Wash Track
	1600							Job Complete
								Thank you Brett, Dave + Jason R

# **Geological Report**

American Warrior, Inc.  
**Larry Stieben #1-21**  
1030' FNL & 1660' FEL  
Sec. 21 T18s R22w  
Ness County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Larry Stieben #1-21  
1030' FNL & 1660' FEL  
Sec. 21 T18s R22w  
Ness County, Kansas  
API # 15-135-25016-0000

Drilling Contractor: Petromark Drilling, LLC Rig # 1

Geologist: Jason Alm

Spud Date: April 23, 2010

Completion Date: May 1, 2010

Elevation: 2228' Ground Level  
2234' Kelly Bushing

Directions: Bazine KS, 3 mi. West on Hwy 96 to AA rd. North  
3 mi. West into location.

Casing: 224' 8 5/8" surface casing  
4332' 5 1/2" production casing

Samples: 10' wet and dry, 3600' to RTD

Drilling Time: 3600' to RTD

Electric Logs: Log-Tech, Inc. "Jerod Long"  
CNL/CNL, DIL

Drillstem Tests: Two, Trilobite Testing, Inc. "Jason McLemore"

Problems: None

Remarks: DST #1 slid 3 ft to bottom, did not effect test  
results.

## Formation Tops

Formation	American Warrior, Inc. Larry Stieben #1-21 Sec. 21 T18s R22w 1030' FNL & 1660' FEL
Anhydrite	1525', +709
Base	1558', +676
Heebner	3690', -1456
Lansing	3736', -1502
BKc	4052', -1818
Pawnee	4130', -1896
Fort Scott	4214', -1980
Cherokee	4236', -2002
Mississippian	4305', -2071
Osage	4313', -2079
LTD	4333', -2099
RTD	4335', -2101

## Sample Zone Descriptions

- Fort Scott (4214', -1980):**      **Covered in DST #1**  
 Ls – Fine to medium crystalline with poor to fair inter-crystalline porosity, light to fair oil stain and saturation in porosity, show of free oil, light odor, bright yellow fluorescents, slightly fossiliferous, 103 units hotwire.
- Mississippian Osage (4213', -2079):**      **Covered in DST #2**  
 Dolo – Δ – Fine to medium sucrosic crystalline with fair to good inter-crystalline and vuggy porosity, heavy chert, slightly triptolitic, weathered with fair vuggy porosity, good oil stain and saturation, show of free oil, good odor, yellow cut fluorescents, 18-145 units hotwire.

## Drill Stem Tests

Trilobite Testing, Inc.  
 "Jason McLemore"

### **DST #1 Fort Scott**

Interval (4192' – 4240') Anchor Length 48'

IHP	– 2089 #	
IFP	– 30" – Dead	45-65 #
ISI	– 30" – Dead	457 #
FFP	– 30" – Dead	68-75 #
FHP	– 2062#	
BHT	– 112°F	

Recovery: 90' Mud w/ oil spots in test tool

### **DST #2 Mississippian Osage**

Interval (4263' – 4330') Anchor Length 67'

IHP	– 2133 #	
IFP	– 45" – Built to 5 in.	34-66 #
ISI	– 45" – Dead	1279 #
FFP	– 45" – Built to 5 ¾ in.	69-84 #
FSI	– 45" – Dead	1262 #
FHP	– 2064 #	
BHT	– 116°F	

Recovery: 50' Clean Oil  
 90' HOCM 25% Oil

## Structural Comparison

	American Warrior, Inc. Larry Stieben #1-21 Sec. 21 T18s R22w 1030' FNL & 1660' FEL	DaMar Resources, Inc. Stieben #1 Sec. 21 T18s R22w 1980' FNL & 330' FEL	Pickrell Drilling Co. Wegele A #1 Sec. 21 T18s R22w C NW SW
<b>Formation</b>			
Anhydrite	1525', +709	NA	1456', +717 (-8)
Base	1558', +676	NA	NA (-8)
Heebner	3690', -1456	3665', -1465 (+9)	3625', -1452 (-4)
Lansing	3736', -1502	3708', -1508 (+6)	3666', -1493 (-9)
BKc	4052', -1818	NA	NA (-9)
Pawnee	4130', -1896	NA	4068', -1895 (-1)
Fort Scott	4214', -1980	4197', -1997 (+17)	4153', -1980 (FL)
Cherokee	4236', -2002	4216', -2016 (+14)	4172', -1999 (-3)
Mississippian	4305', -2071	4300', -2100 (+30)	NA (-5)
Osage	4313', -2079	4318', -2118 (+39)	4247', -2074 (-5)

## Summary

The location for the Larry Stieben #1-21 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 Larry Stieben #1-21 well.

### Recommended Perforations

<b>Mississippian Osage:</b>	<b>(4313' – 4330')</b>	<b>DST #2</b>
<b>Fort Scott:</b>	<b>(4220' – 4225')</b>	<b>DST #1</b>

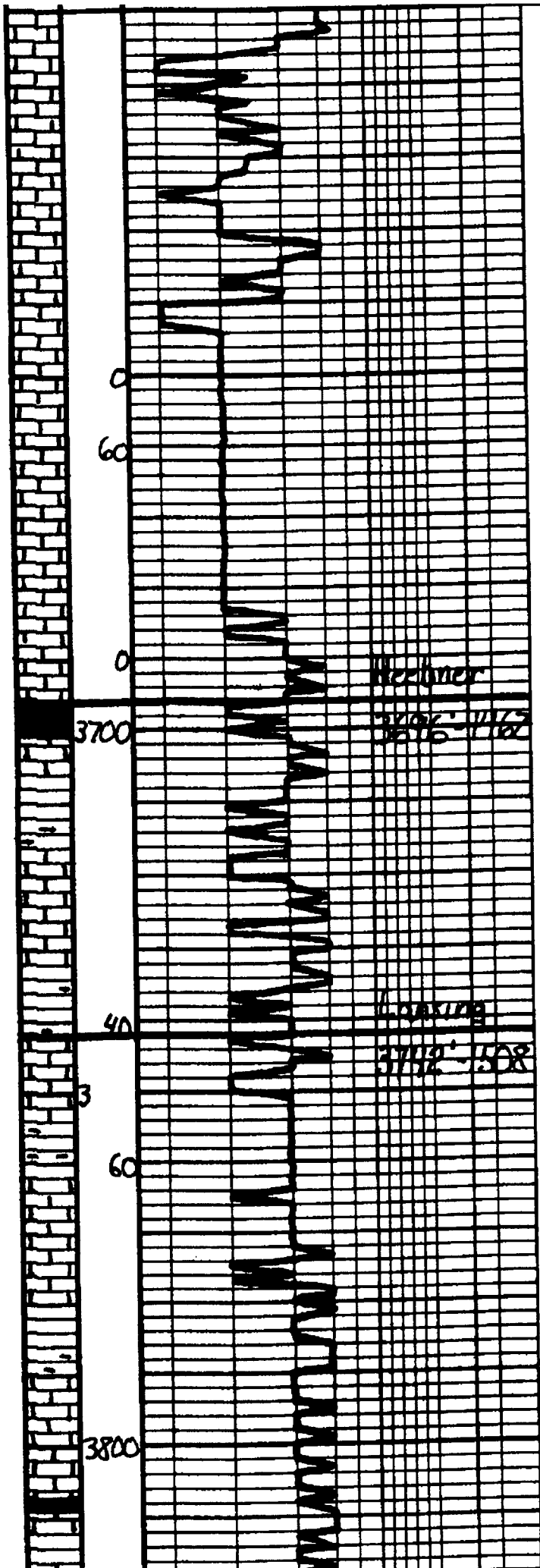
Respectfully Submitted,

Jason Alm  
Hard Rock Consulting, Inc.





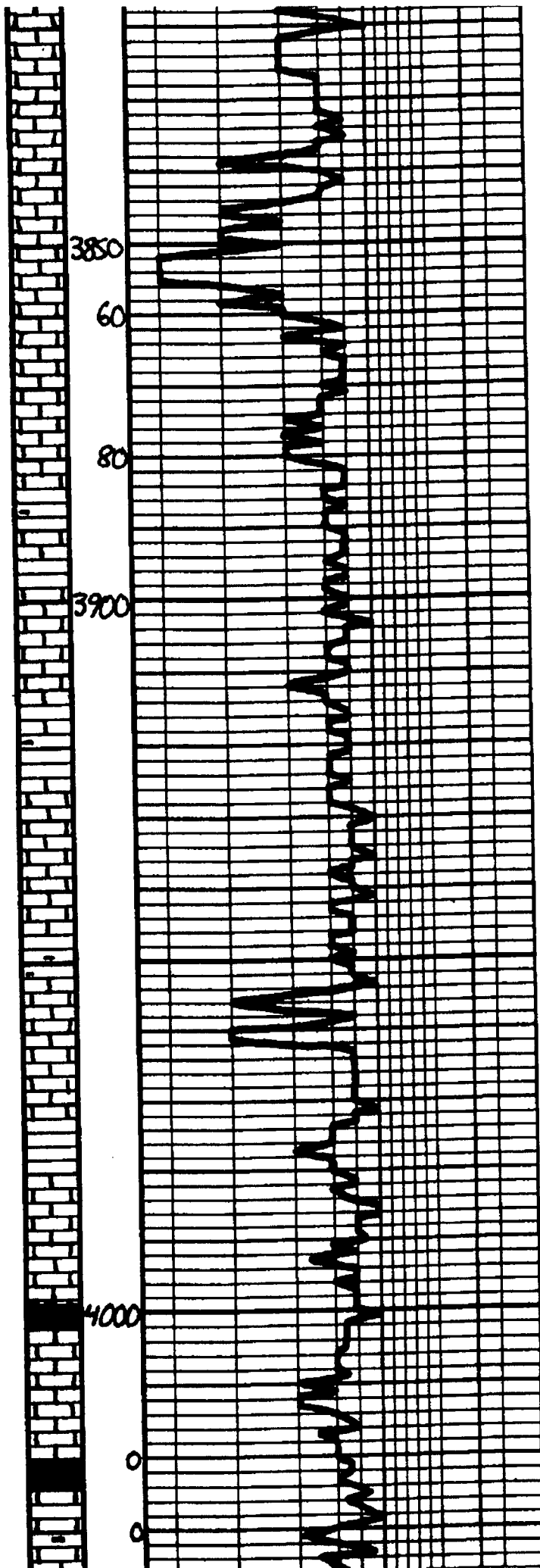




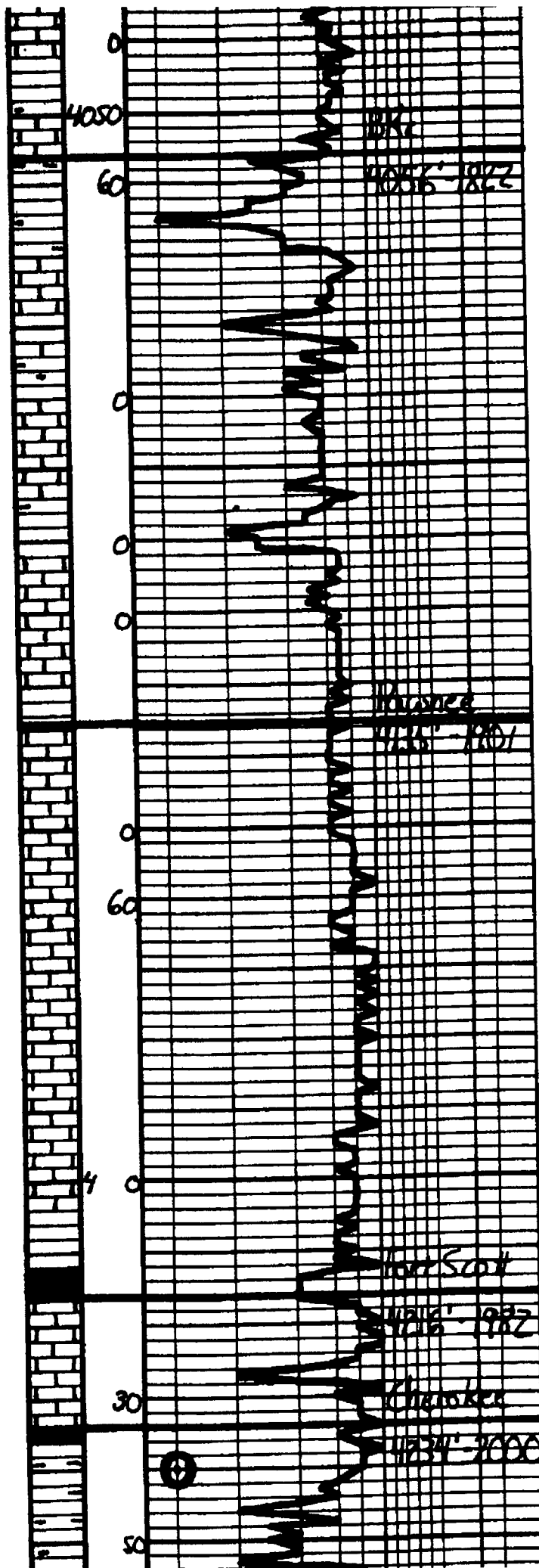
LS. Orth. L. bay, St. M. shell, low on horizon Fossil. Chalky. Barren	427
LS. als	
LS. Orth. L. bay, Fossil. St. M. shell. Barren	
LS. als	
LS. als	
LS. als, Chalky	
Sh. BK, Lash, Fossil	
Sh. bay, Barren	
LS. Orth. L. bay, Fossil Fossil. intrastr. Sussid. Barren	
Sh. Gray Barren	
LS. Orth. L. bay, Fossil. Fossil. out. in part over the Barren	
Sh. bay Barren	
LS. Orth. L. bay, Fossil. Fossil. out. mostly Barren	
LS. als, w/ Fossil over Barren	
Sh. Gray Barren	
LS. Orth. L. bay, Fossil. Fossil. out. in part over Barren, St. M. shell - old	
LS. als	
Sh. Orth. bay, BK	

46

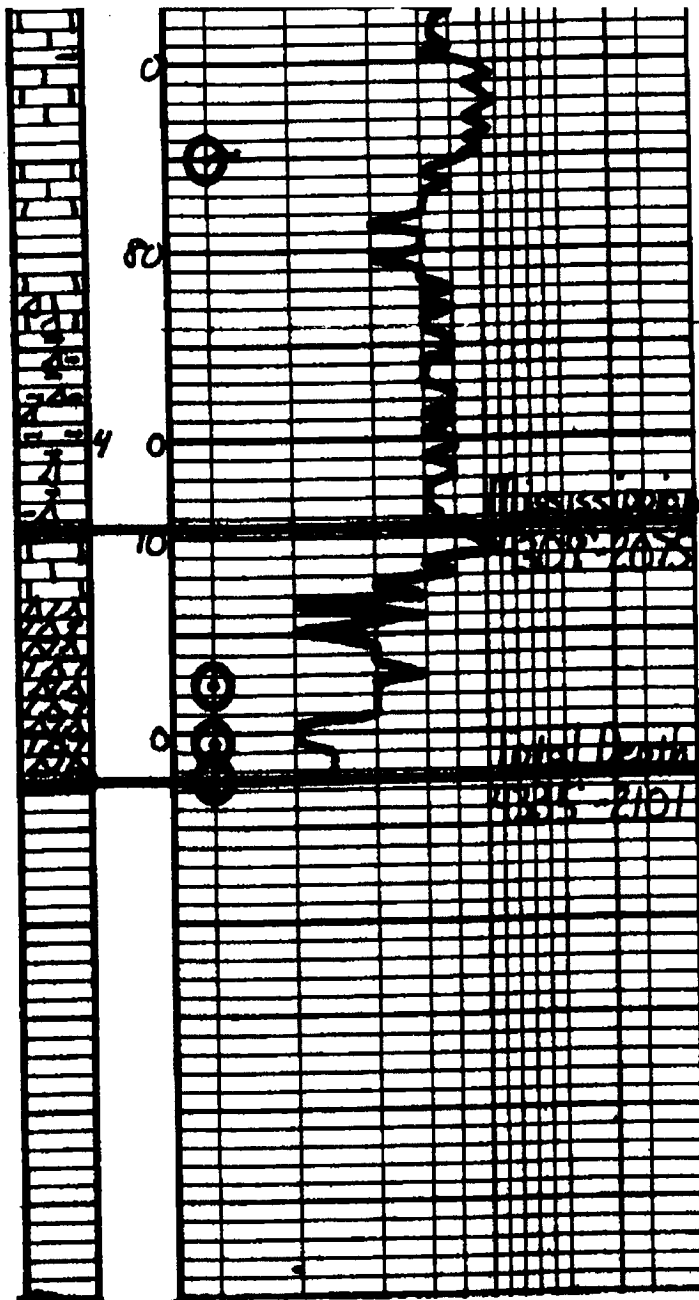
PH 25  
526

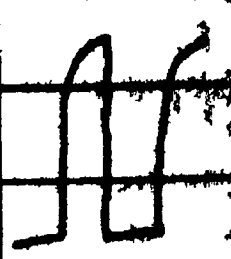


LS Tanit Gay, Pa. Ma. Basal ool. w/ pecc com q. Basan	
LS ala w/ Paic com q. Basan	
LS Offsheld Gay, Pa. Ma. Basal ool. w/ pecc com q. Basan, St. d. lakt	
LS Jan 13 Gay, Pa. Substr. DMS, St. Basal ool.	
LS Tanit Gay, Pa. Ma. St. Basal ool. w/ pecc com q. Basan	
Sh Gay, Bas	
Sh ala	
LS Tanit Gay, Pa. Substr. DMS	
Sh Gay, Bas	
LS Tanit Gay, Pa. Substr. St. Basal ool. w/ pecc com q. Basan, DMS, DMS	
LS ala, DMS	
Sh Gay, Bas, Bas	
LS Tanit Gay, Pa. Ma. Basal ool. w/ pecc com q. Basan, St. d. lakt	
LS ala, DMS	
Sh Gay, Bas	
LS Tanit Gay, Pa. Ma. Basal ool. w/ pecc com q. Basan	
Sh Dikha, BIK	
LS Offsheld 13. Jan. Basal Basal ool. w/ pecc com q. Basan	
Sh BIK, Cad.	
Sh Dikha, Bas	



Ls Tan Lh bay, Subur, DNS	
Sb bay, Bea	
Ls Tan Lh bay, Subur, DNS	
Sb bay, Bea, "Sib"	
Ls Tan Lh bay, Subur, DNS	
Sl. Mak	
Ls ala	
Sb bay, Bea	
Ls Tan Lh bay, Subur, DNS	
Sl. Mak	
Sb Dukha, Bea	
Ls Tan Lh bay, Subur, DNS	
Sl. Mak	
Ls ala	
Sb bay, Bea	
Ls Dukha Lh bay, Subur, DNS	
Sl. Mak	
Ls ala, Sl. Mak	
Ls ala	
Ls Tan Lh bay, Subur, DNS	
Sl. Mak	
Ls ala, "Dukh"	
Sb Dukha bay	Foot Soil
Sb BIK, Cakh	4000'
Ls Tan Lh bay, Subur, DNS	SH 2000'
Sl. Mak	600'
Ls Dukha Lh bay, Subur, DNS	100'
Sl. Mak	900'
Sb Dukha bay, BIK	60'
Sb bay, Bea	Sb
Sb ala, Sl. Mak	2000'



15 Jan 12. 5:45 PM Subala NAC	2478 Feb 27 1967
15 ala	
56 Long Bar - Co.	Mississippi 1065 4200
15 10:45 AM Subala, NAC St. Michael, 5:15 PM	4874
56, Multicolored, 5:15 PM	27 2800 2460
56 ala	256 1000 42 2800
15 10:45 AM Subala, NAC Subala, NAC	7200 7200
Data, 1:45 PM Subala, NAC Full page in Subala, NAC St. Michael, 12:15 PM	21 2000
Data, 1:45 PM Subala, NAC Recovery, 5:15 PM St. Michael, 5:15 PM St. Michael, 5:15 PM St. Michael, 5:15 PM	Recovery 50 2100 0 1000 25 500
	



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

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

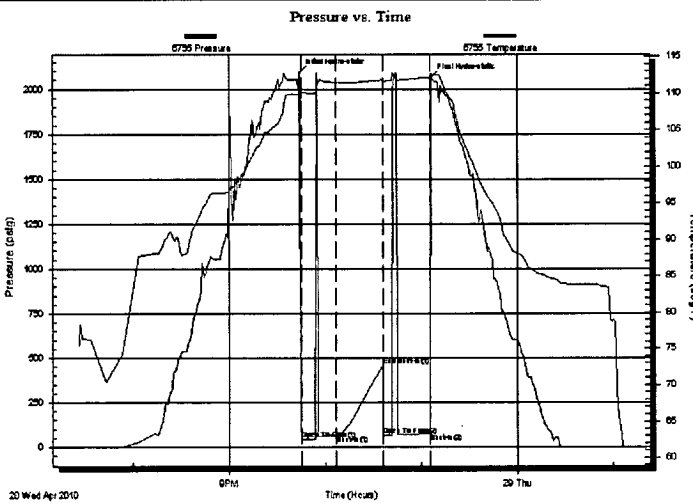
**Larry Stieben #1-21**  
**21-18s-22w-Ness**  
Job Ticket: 37143      **DST#: 1**  
Test Start: 2010.04.28 @ 19:26:09

### GENERAL INFORMATION:

Formation: **Ft. Scott**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 21:44:39  
Time Test Ended: 01:06:09  
Test Type: Conventional Bottom Hole  
Tester: Jason McLemore  
Unit No: 32  
Interval: **4192.00 ft (KB) To 4240.00 ft (KB) (TVD)**  
Reference Elevations: 2234.00 ft (KB)  
Total Depth: 4240.00 ft (KB) (TVD)      2228.00 ft (CF)  
Hole Diameter: 7.80 inches      Hole Condition: Good      KB to GR/CF: 6.00 ft

**Serial #: 6755      Inside**  
Press@RunDepth: 64.77 psig @ 4227.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2010.04.28      End Date: 2010.04.29      Last Calib.: 2010.04.28  
Start Time: 19:26:11      End Time: 01:06:09      Time On Btm: 2010.04.28 @ 21:43:39  
Time Off Btm: 2010.04.28 @ 23:06:09

**TEST COMMENT:** IFF-6' fill, Tool Slid 3' on open, Dead, Flush Tool, Still Dead.  
IS-Dead  
FFP-Dead, Flush Tool Tw ice, Still Dead, Pull Tool.



### PRESSURE SUMMARY

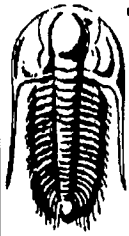
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2089.14	109.81	Initial Hydro-static
1	44.56	109.93	Open To Flow (1)
23	64.77	111.46	Shut-In(1)
52	457.64	111.81	End Shut-In(1)
53	67.79	111.52	Open To Flow (2)
82	74.60	112.17	Shut-In(2)
83	2062.21	112.61	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
90.00	Drilling Mud W/spot of Oil In Tool	0.44

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

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

**Larry Stieben #1-21**  
**21-18s-22w-Ness**  
 Job Ticket: 37143      **DST#: 1**  
 Test Start: 2010.04.28 @ 19:26:09

**Mud and Cushion Information**

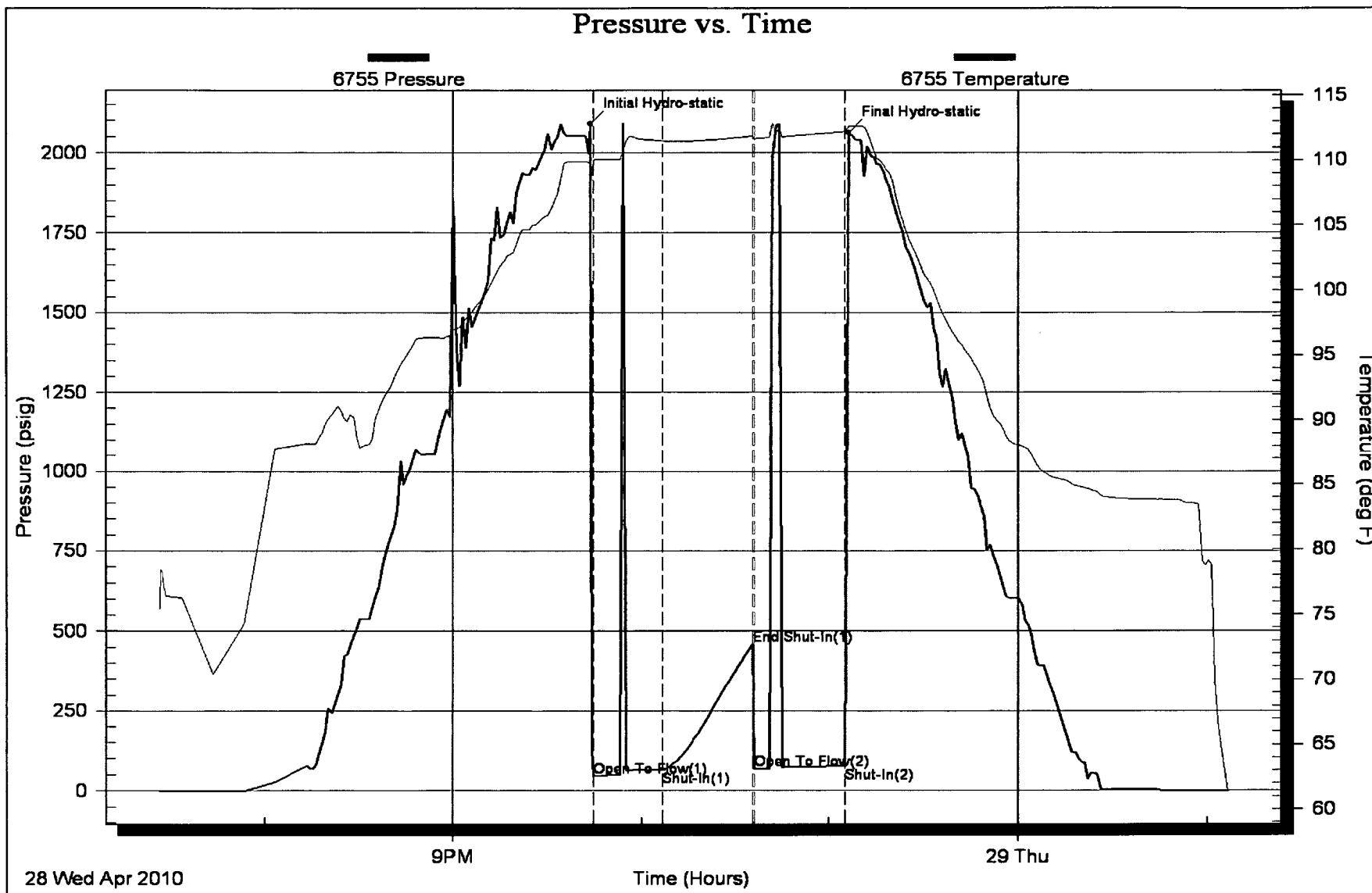
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4700.00 ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
90.00	Drilling Mud W/spot of Oil in Tool	0.443

Total Length: 90.00 ft      Total Volume: 0.443 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, Inc  
 PO Box 399  
 Garden City, KS. 67846  
 ATTN: Jason Alm

**Larry Stieben #1-21**  
**21-18s-22w-Ness**  
 Job Ticket: 37144      **DST#: 2**  
 Test Start: 2010.04.29 @ 16:34:11

## GENERAL INFORMATION:

Formation: **Mississippi**  
 Deviated: No      Whipstock:      ft (KB)  
 Time Tool Opened: 18:21:41  
 Time Test Ended: 23:53:41  
 Interval: **4263.00 ft (KB) To 4330.00 ft (KB) (TVD)**  
 Total Depth: 4330.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches      Hole Condition: Good  
 Test Type: Conventional Bottom Hole  
 Tester: Jason McLemore  
 Unit No: 32  
 Reference Elevations: 2234.00 ft (KB)  
 2228.00 ft (CF)  
 KB to GR/CF: 6.00 ft

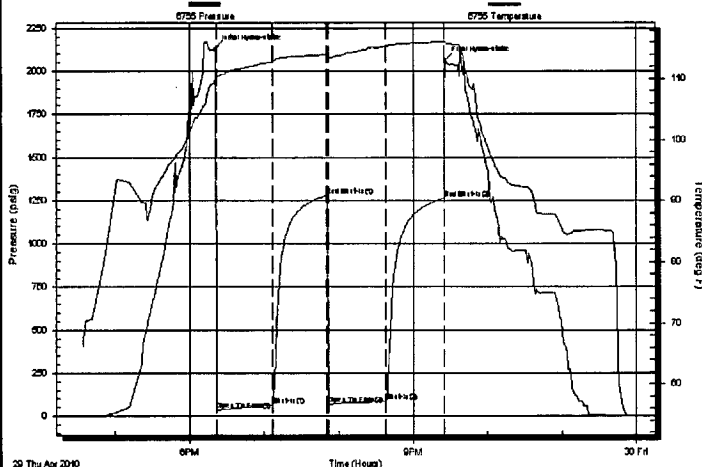
## Serial #: 6755

Inside

Press@RunDepth: 84.37 psig @ 4298.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2010.04.29      End Date: 2010.04.29      Last Calib.: 2010.04.29  
 Start Time: 16:34:13      End Time: 23:53:41      Time On Btm: 2010.04.29 @ 18:21:11  
 Time Off Btm: 2010.04.29 @ 21:25:41

TEST COMMENT: IFF-Fair Blow ,Built to 5"  
 IS-Dead  
 FFP-Fair Blow ,Built to 5-3/4"  
 FS-Dead

Pressure vs. Time



## PRESSURE SUMMARY

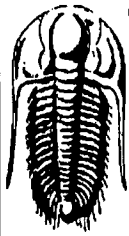
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2133.20	110.36	Initial Hydro-static
1	34.06	110.09	Open To Flow (1)
46	65.87	112.87	Shut-In(1)
90	1279.04	113.99	End Shut-In(1)
91	69.07	113.55	Open To Flow (2)
137	84.37	115.32	Shut-In(2)
184	1262.46	116.08	End Shut-In(2)
185	2064.82	115.99	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
50.00	Clean Oil	0.25
90.00	HOCM-25%O-75%M	0.62

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

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

**Larry Stieben #1-21**  
**21-18s-22w-Ness**  
Job Ticket: 37144      **DST#: 2**  
Test Start: 2010.04.29 @ 16:34:11

### Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	44 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5900.00 ppm			
Filter Cake: inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	Clean Oil	0.246
90.00	HOCM-25%O-75%M	0.616

Total Length: 140.00 ft      Total Volume: 0.862 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

