

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4058  
Name: American Warrior, Inc.  
Address 1: PO Box 399  
Address 2: \_\_\_\_\_  
City: Garden City State: KS Zip: 67846 + 0399  
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 \_\_\_\_\_ SWD \_\_\_\_\_ SLOW  
\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW  
\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd.  
\_\_\_\_\_ Dry \_\_\_\_\_ Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, etc.)

RECEIVED  
JAN 25 2010  
KCC WICHITA

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  
\_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No.: \_\_\_\_\_  
06/27/2009 07/04/2009 01/15/2010  
Spud Date or \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date or  
Recompletion Date \_\_\_\_\_ Recompletion Date

API No. 15 - 135-24923-0000  
Spot Description: \_\_\_\_\_  
NE NW SW SW Sec. 21 Twp. 19 S. R. 21  East  West  
1150 Feet from  North /  South Line of Section  
500 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Ness  
Lease Name: Meyer Well #: 1-21  
Field Name: Hinnergardt East  
Producing Formation: Mississippian  
Elevation: Ground: 2271' Kelly Bushing: 2277'  
Total Depth: 4428' Plug Back Total Depth: 4425'  
Amount of Surface Pipe Set and Cemented at: 256 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 1439 Feet  
If Alternate II completion, cement circulated from: 1439  
feet depth to: Surface w/ 125

ALF 2 - Dlg - 1/27/10  
sx/cm/

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 43,000 ppm Fluid volume: 250 bbls  
Dewatering method used: evaporate  
Location of fluid disposal if hauled offsite:  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.  
Signature: \_\_\_\_\_  
Title: Petroleum Engineer Date: 01/15/2010  
Subscribed and sworn to before me this 15th day of January  
20 10  
Notary Public: \_\_\_\_\_  
Date Commission Expires: 8-15-12

NOTARY PUBLIC - State of Kansas  
DENISE CORSAIR  
4y Appt. Exp. 8-15-12

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: American Warrior, Inc. Lease Name: Meyer Well #: 1-21  
 Sec. 21 Twp. 19 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 copy of all Electric Wireline 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 type="checkbox"/> Yes <input checked="" 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 <i>(Submit Copy)</i>  List All E. Logs Run: <b>Dual Induction, Dual Compensated Porosity</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1483</td> <td>+794</td> </tr> <tr> <td>Heebner</td> <td>3759</td> <td>-1482</td> </tr> <tr> <td>Lansing</td> <td>3803</td> <td>-1526</td> </tr> <tr> <td>BKC</td> <td>4135</td> <td>-1858</td> </tr> <tr> <td>Ft. Scott</td> <td>4296</td> <td>-2019</td> </tr> <tr> <td>Cherokee</td> <td>4312</td> <td>-2035</td> </tr> <tr> <td>Mississippian</td> <td>4410</td> <td>-2133</td> </tr> </table>	Name	Top	Datum	Anhydrite	1483	+794	Heebner	3759	-1482	Lansing	3803	-1526	BKC	4135	-1858	Ft. Scott	4296	-2019	Cherokee	4312	-2035	Mississippian	4410	-2133
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Mississippian	4410	-2133																							

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 1/4"	8 5/8"	23	222'	Common	150	2% gel 3% CC
Production	7 7/8"	5 1/2"	15.5	4425'	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	Surface-1439'	SMD	125	

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4414.5-4424.5'		

TUBING RECORD: Size: 2 3/8" Set At: 4411' Packer At: NA Liner Run:  Yes  No

Date of First, Resumed Production, SWD or Enhr. 01/15/2010 Producing Method:  Flowing  Pumping  Gas Lift  Other (i:explain)

Estimated Production Per 24 Hours	Oil Bbls. <u>20</u>	Gas Mcf	Water Bbls. <u>30</u>	Gas-Oil Ratio	Gravity <u>40</u>
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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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4414.5-4424.5' Perf</u>
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CHARGE TO: *American Warrior Inc*  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

TICKET  
 No 16083

PAGE 1 OF 1

SERVICE LOCATIONS 1. <i>Haystack</i>	WELL/PROJECT NO. <i>#1-21</i>	LEASE <i>Meyer</i>	COUNTY/PARISH <i>Ness</i>	STATE <i>Ks</i>	CITY	DATE <i>7-9-09</i>	OWNER <i>Sattler</i>
2. <i>Ness City, Ks.</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>H-D Data Services</i>	RIG NAME/NO.	SHIPPED VIA <i>AT location</i>	DELIVERED TO	ORDER NO.	
3.	WELL TYPE <i>oil</i>	WELL CATEGORY <i>development</i>	JOB PURPOSE <i>Part Collar</i>	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			UM		UM	
<i>575</i>		<i>1</i>			<i>MILEAGE #111</i>	<i>25</i>	<i>mi</i>		<i>5.00</i>	<i>125.00</i>
<i>576D</i>		<i>1</i>			<i>Pump Charge (Part Collar)</i>	<i>1</i>	<i>hr</i>	<i>1439</i>	<i>1100.00</i>	<i>1100.00</i>
<i>290</i>		<i>1</i>			<i>D-Air</i>	<i>1</i>	<i>gal</i>		<i>35.00</i>	<i>35.00</i>
<i>330</i>		<i>2</i>			<i>SMD Cement</i>	<i>125</i>	<i>skts</i>		<i>14.00</i>	<i>1750.00</i>
<i>276</i>		<i>2</i>			<i>Fluocete</i>	<i>25</i>	<i>lb</i>		<i>1.50</i>	<i>37.50</i>
<i>581</i>		<i>2</i>			<i>Cement Service Charge</i>	<i>175</i>	<i>skts</i>		<i>1.50</i>	<i>262.50</i>
<i>332</i>		<i>2</i>			<i>Minimum Drayage</i>	<i>1</i>	<i>hr</i>		<i>250.00</i>	<i>250.00</i>

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

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

*X Scott*  
 DATE SIGNED: \_\_\_\_\_ TIME SIGNED: \_\_\_\_\_  
 A.M.  
 P.M.

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE-TOTAL	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	<b>RECEIVED</b>			<i>3560.00</i>	
WE UNDERSTOOD AND MET YOUR NEEDS?	<b>JAN 25 2010</b>				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?	<b>KCC WICHITA</b>			<i>1755</i>	
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				<i>TAX 5.3%</i>	<i>96.59</i>
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	<i>3656.59</i>
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					





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

TICKET  
 No 16079

PAGE 1 OF 2

SERVICE LOCATIONS  
 1. *Hays, Ks*  
 2. *Ness City, Ks*  
 3. *H*  
 4.

WELL/PROJECT NO. *#1-21* LEASE *Mayer* COUNTY/PARISH *Ness* STATE *Ks* CITY DATE *7-4-07* OWNER *S...*

TICKET TYPE  SERVICE  SALES CONTRACTOR *PetroMark* RIG NAME/NO. SHIPPED VIA *CH* DELIVERED TO *Location* ORDER NO.

WELL TYPE *oil* WELL CATEGORY *Development* JOB PURPOSE *Longstring* WELL PERMIT NO. WELL LOCATION

REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<i>1675</i>		<i>1</i>			MILEAGE # <i>41</i>	<i>25</i>	<i>mi</i>			<i>5.00</i>	<i>125.00</i>
<i>578</i>		<i>1</i>			Pump Charge (Longstring)	<i>1</i>	<i>rod</i>	<i>14976</i>		<i>1400.00</i>	<i>1400.00</i>
<i>221</i>		<i>1</i>			Howard KCL	<i>2</i>	<i>gal</i>			<i>25.00</i>	<i>50.00</i>
<i>281</i>		<i>1</i>			Mud Flush	<i>500</i>	<i>gal</i>			<i>1.00</i>	<i>500.00</i>
<i>290</i>		<i>1</i>			D-Air	<i>2</i>	<i>gal</i>			<i>35.00</i>	<i>70.00</i>
<i>402</i>		<i>1</i>			Centralizers	<i>6</i>	<i>rod</i>	<i>5.00</i>		<i>55.00</i>	<i>330.00</i>
<i>403</i>		<i>1</i>			Baskets	<i>2</i>	<i>rod</i>			<i>180.00</i>	<i>360.00</i>
<i>404</i>		<i>1</i>			Port Collar	<i>1</i>	<i>rod</i>			<i>1900.00</i>	<i>1900.00</i>
<i>406</i>		<i>1</i>			L.D. Plant Baffles	<i>1</i>	<i>rod</i>			<i>225.00</i>	<i>225.00</i>
<i>407</i>		<i>1</i>			Insert Plate Shoe w/ Drill	<i>1</i>	<i>rod</i>			<i>275.00</i>	<i>275.00</i>
<i>409</i>		<i>1</i>			Rotating Head	<i>1</i>	<i>rod</i>			<i>150.00</i>	<i>150.00</i>

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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 *7-4-07* TIME SIGNED *1905*  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	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				<i>Page 2</i>	<i>5385.00</i>
WE UNDERSTOOD AND MET YOUR NEEDS?					<i>3537.00</i>
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					<i>8922.50</i>
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

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

SWIFT OPERATOR: *Mark Kabe* APPROVAL:

Thank You!



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

TICKET CONTINUATION

TICKET No. 16079

CUSTOMER: American Warrior Inc  
WELL: Fat Meyer  
DATE: 7-4-09  
PAGE: 2 OF 2

NO.	QTY	DESCRIPTION	UNIT	PRICE	AMOUNT
325	2	Standard Cement	175 sks	11.50	1925.00
376	2	Flocals	50 #	1.50	75.00
383	2	Salt	900 #	.15	135.00
384	2	Catspaq 1	8 sks	30.00	240.00
392	2	Holad-322	100 #	6.50	650.00
581	2	SERVICE CHARGE	175 sks		
582	2	TOTAL WEIGHT	LOADED MILES	TON MILES	
				250.00	250.00

3537.50







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

TICKET  
 NO 14896

PAGE 1 OF 1

SERVICE LOCATIONS  
 1. Ness City KS WELL/PROJECT NO. 1-21 LEASE Meyer COUNTY/PARISH Ness STATE KS CITY Ness City DATE 6-26-09 OWNER Same  
 2. TICKET TYPE  SERVICE CONTRACTOR Petro-Mark RIG NAME/NO. 1 SHIPPED VIA Bazine DELIVERED TO Bazine ORDER NO.  
 3. WELL TYPE Oil WELL CATEGORY Development JOB PURPOSE Cement Surface Pipe WELL PERMIT NO. WELL LOCATION Bazine 4S, 2 1/4 E N into  
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			UM			
575		1			MILEAGE Trk # 114	25	mi	5	00	125 00
576S		1			Pump Charge Shallow Surface	1	ea	224	ft	750 00
581		1			Service Charge Cement	150	skt	1	50	225 00
582		1			Minimum Drayage Charge	1	ea	250	00	250 00
325		1			Standard Cement	150	skt		00	16 50
278		1			Calcium Chloride	4	skt	3 1/2	22	100 00
279		1			Bentonite Gel	3	skt	2 1/2	20	60 00
290		1			D-Air	1	gal	35	50	35 00
410		1			Top Plug	1	ea	8 00	00	100 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 6-26-09 TIME SIGNED 2:30 P.M.

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	3335 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					

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 JAN 25 2010  
 WICHITA



JOB LOG

SWIFT Services, Inc.

DATE 6-26-09 PAGE NO.

CUSTOMER American Water WELL NO. 1-21 LEASE Meyer JOB TYPE Cement Surface TICKET NO. 14896

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	S	TUBING	CASING	
								8 5/8 25' Pipe
								TD - 224'
								TP - 222'
	2130							On Location - Rig up
								Break Circulation
		5	5		✓			Pump Fresh Water Spacer
		4	0		✓			Start Cement
	2250		36		✓			Shut Down Cement Release Plug
	2310	5	0		✓			Start Displacement
	2353	5	7		✓			Cement to Surface 25 sks to pit
	2355		3		✓		150	Shut Down Plug Down Shut in - Wait 8 hrs to Drill Wash Truck
	015							Job Complete
								Thank you Brett, Dave, Lane

# Geological Report

American Warrior, Inc.  
**Meyer #1-21**  
1150' FSL & 500' FWL  
Sec. 21 T19s R21w  
Ness County, Kansas

RECEIVED  
JAN 25 2010  
KCC NICHITA



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Meyer #1-21  
1150' FSL & 500' FWL  
Sec. 21 T19s R21w  
Ness County, Kansas  
API # 15-135-24923-0000

Drilling Contractor: Petromark Drilling, LLC Rig #1

Geologist: Jason Alm

Spud Date: June 27, 2009

Completion Date: July 4, 2009

Elevation: 2271' Ground Level  
2277' Kelly Bushing

Directions: Bazine KS, East on Hwy 96 to GG road, South on GG road to 100 road. West on 100 road 1 mi. to FF Road, South on FF road to 80 road, East on 80 road ¼ mi. South into location.

Casing: 224' 8 5/8" surface casing  
4425' 5 ½" production casing

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

Drilling Time: 3600' to RTD

Electric Logs: Log-Tech, Inc. "Kenyon Bange"  
CNL/CDL, DIL

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

Problems: Test tool slid to bottom on all tests, none resulted in any plugging action.

Remarks: DST #1 and #2 were both pulled during final flow due to poor blows. After logging an additional eight feet were cut, old log TD was 4418, new log TD is 4426.

## Formation Tops

<b>Formation</b>	<b>American Warrior, Inc. Meyer #1-21 Sec. 21 T19s R21w 1150' FSL &amp; 500' FWL</b>
Anhydrite	<b>1483', +794</b>
Base	<b>1518', +759</b>
Heebner	<b>3759', -1482</b>
Lansing	<b>3803', -1526</b>
BKc	<b>4135', -1858</b>
Pawnee	<b>4223', -1946</b>
Fort Scott	<b>4296', -2019</b>
Cherokee	<b>4312', -2035</b>
Mississippian	<b>4410', -2133</b>
RTD	<b>4426', -2149</b>
LTD	<b>4428', -2151</b>

## Sample Zone Descriptions

**Basil Cherokee Sand (4387', -2110):**      **Covered in DST #1**  
 SS – Δ – Quartz, Fine to medium grained poorly cemented, well rounded, fairly sorted, few clusters, mostly random grains, heavy chert with slight pinpoint vuggy porosity, mostly fresh, strong show of free oil in sample bucket, light gassy odor, good yellow fluorescents in cluster, 150 units hotwire.

**Mississippian Osage (4410', -2133):**      **Covered in DST #2-3**  
 Dolo – Δ – Fine sucrosic crystalline with pinpoint vuggy porosity, heavy chert, triptolitic, weathered with pinpoint vuggy and poor vuggy porosity, light to fair oil stain and saturation, show of free oil, good odor, fair to good yellow cut fluorescents, 20-23 units hotwire.

**Drill Stem Tests**  
Trilobite Testing, Inc.  
"Brian Fairbank"

**DST #1**      **Basil Cherokee Sand**  
Interval (4361' – 4400') Anchor Length 39'  
IHP    – 2182 #  
IFP    – 30" – Built to ¼ in.                      49-47 #  
ISI    – 30" – Dead                                      87 #  
FFP    – 10" – Dead                                      49-50 #  
FHP    – 2131 #  
BHT    – 117°F

Recovery:    5' OCM            10% Oil

**DST #2**      **Mississippian Osage**  
Interval (4413' – 4420') Anchor Length 7'  
IHP    – 2210 #  
IFP    – 30" – Built to ½ in.                      38-46 #  
ISI    – 30" – Dead                                      1161 #  
FFP    – 10" – Dead                                      46-46 #  
FHP    – 2142 #  
BHT    – 117°F

Recovery:    5' OCM            10% Oil

**DST #3**      **Mississippian Osage**  
Interval (4414' – 4428') Anchor Length 14'  
IHP    – 2187 #  
IFP    – 45" – B.O.B. 28 min.                      42-112 #  
ISI    – 45" – W.S.B. died 7 min.                      1102 #  
FFP    – 45" – B.O.B. 39 min.                      117-151 #  
FSI    – 45" – Built to 1 in.                              1068 #  
FHP    – 2121 #  
BHT    – 123°F

Recovery:    230' GIP  
                  45' Clean Oil  
                  90' GOCM    10% Oil  
                  90' GMWCO 40% Oil, 20% Water  
                  100' OCMW 10% Oil, 60% Water

## Structural Comparison

	American Warrior, Inc. Meyer #1-21 Sec. 21 T19s R21w 1150' FSL & 500' FWL	Petro-Ventures, Inc. Meyer #2 Sec. 21 T19s R21w 940' FSL & 1155' FWL		Kedco & National Oil Co. Hinnergardt #1 Sec. 20 T19s R21w NW NE SE	
<b>Formation</b>					
Anhydrite	1483', +794	1492', +791	NA	1478', +783	(+11)
Base	1518', +759	NA	NA	1508', +753	(+6)
Heebner	3759', -1482	3770', -1487	(+5)	3738', -1477	(-5)
Lansing	3803', -1526	3814', -1531	(+5)	3782', -1521	(-5)
BKc	4135', -1858	4144', -1861	(+3)	4114', -1853	(-5)
Pawnee	4223', -1946	4232', -1949	(+3)	4204', -1943	(-3)
Fort Scott	4296', -2019	4306', -2023	(+4)	4280', -2019	(FL)
Cherokee	4312', -2035	4322', -2039	(+4)	4297', -2036	(+1)
Mississippian	4410', -2133	4410', -2127	(-6)	4386', -2125	(-8)

## Summary

The location for the Meyer #1-21 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Three drill stem tests were conducted one of which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had thoroughly examined the decision was made to run 5 1/2 inch production casing to further evaluate the Meyer #1-21 well.

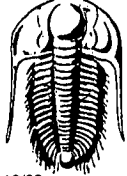
## Recommended Perforations

**Mississippian Osage:            (4410' – 4418')            DST #2-3**

Respectfully Submitted,

Jason Alm  
Hard Rock Consulting, Inc.





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 36359

10/08

Well Name & No. Meyer #1-21 Test No. 1 Date 7-2-09  
 Company Am Warrior Elevation 2277 KB 2271 GL  
 Address PO Box 399 Garden City, KS 67846  
 Co. Rep / Geo. Jason Alm Rig Petromark 1  
 Location: Sec. 21 Twp. 19<sup>s</sup> Rge. 21<sup>w</sup> Co. Ness State KJ

Interval Tested ~~4361-4400~~ 4330-4369 Zone Tested Basil Cherokee Sand  
 Anchor Length 37 4357-4396 Drill Pipe Run ~~4233~~ 4299 Mud Wt. 9.2  
 Top Packer Depth ~~4356~~ 4325 4352 Drill Collars Run 122 Vis 50  
 Bottom Packer Depth ~~4344~~ 4330 4357 Wt. Pipe Run — WL 9.2  
 Total Depth ~~4400~~ 4369 Chlorides 4000 ppm System LCM  
 Blow Description IFP weak blow throughout 1/4-died sur  
ISI - no blow back  
FFP - no blow  
FSI - —

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>OCM</u>		<u>10</u>		<u>90</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 115 Gravity API RW @ F Chlorides ppm

(A) Initial Hydrostatic 2182  
 (B) First Initial Flow 50  
 (C) First Final Flow 47  
 (D) Initial Shut-In 87  
 (E) Second Initial Flow 49  
 (F) Second Final Flow 50  
 (G) Final Shut-In —  
 (H) Final Hydrostatic —  
 Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In —

- Test
- Jars
- Safety Joint
- Circ Sub
- Hourly Standby
- Mileage 109 RT
- Sampler
- Straddle
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility

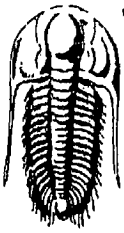
T-On Location 1739  
 T-Started 1855  
 T-Open 2057  
 T-Pulled 2207  
 T-Out 0015  
 Comments  
 Ruined Shale Packer  
 Ruined Packer  
 Extra Copies  
 Sub Total  
 Total

RECEIVED  
 JAN 25 2010  
 KCC WICHITA

Approved By \_\_\_\_\_

Our Representative Brian Fairbank (Alm)

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Am Warrior  
PC Box 399  
Garden City, Ks  
67846  
ATTN: Jason Alm

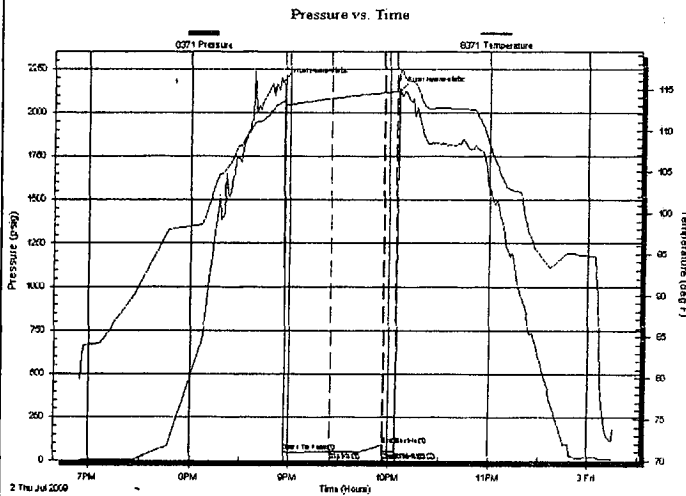
Meyer #1-21  
21-19s-21w/Ness  
Job Ticket: 36359      DST#: 1  
Test Start: 2009.07.02 @ 18:55:14

## GENERAL INFORMATION:

Formation: **Basil Cherokee Sand**  
 Deviated: No      Whipstock:      ft (KB)  
 Time Tool Opened: 20:57:09  
 Time Test Ended: 00:15:38  
 Interval: **4357.00 ft (KB) To 4396.00 ft (KB) (TVD)**  
 Total Depth: **4396.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches**      Hole Condition:  
 Test Type: Conventional Bottom Hole  
 Tester: Brian Fairbank  
 Unit No: 41  
 Reference Elevations: **2277.00 ft (KB)**  
**2271.00 ft (CF)**  
 KB to GR/CF: **6.00 ft**

Serial #: **8371**      Inside  
 Press@RunDepth: **47.28 psig @ 4360.00 ft (KB)**      Capacity: **7000.00 psig**  
 Start Date: **2009.07.02**      End Date: **2009.07.03**      Last Calib.: **2009.07.03**  
 Start Time: **18:55:14**      End Time: **00:15:38**      Time On Btm: **2009.07.02 @ 20:55:39**  
 Time Off Btm: **2009.07.02 @ 22:06:39**

TEST COMMENT: IFP - weak blow throughout 1/4" - died sur  
 ISI - no blow back  
 FFP - no blow  
 TIME - 30-30-10



## PRESSURE SUMMARY

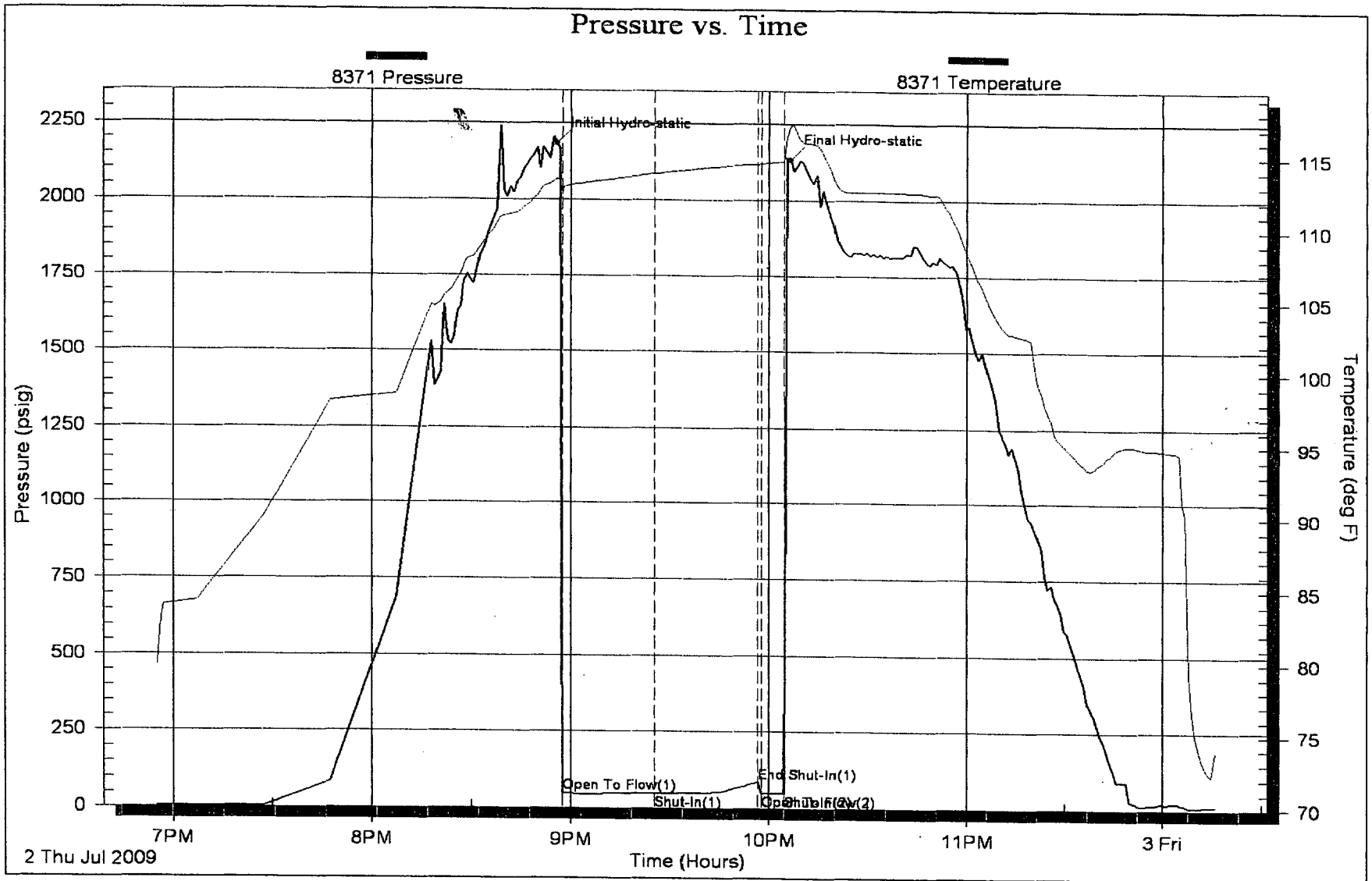
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2182.09	113.48	Initial Hydro-static
2	49.46	112.45	Open To Flow (1)
30	47.28	113.88	Shut-In(1)
61	86.74	114.57	End Shut-In(1)
62	48.82	114.58	Open To Flow (2)
69	49.50	114.76	Shut-In(2)
71	2131.16	117.29	Final Hydro-static

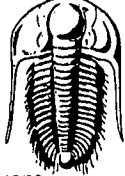
## Recovery

Length (ft)	Description	Volume (bbl)
5.00	OCM 10%O, 90%M	0.02

## Gas Rates

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





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 36380

10/08

Well Name & No. Meyer #1-21 Test No. 2 Date 7-3-09  
 Company Ann Warrior Elevation 2277 KB 2271 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Jason Alm Rig Petromark 1  
 Location: Sec. 21 Twp. 19<sup>s</sup> Rge. 21<sup>w</sup> Co. Ness State Ks

Interval Tested 4413-4420 Zone Tested Miss  
 Anchor Length 7 Drill Pipe Run 4292 Mud Wt. 9.2  
 Top Packer Depth 4408 Drill Collars Run 122 Vis 50  
 Bottom Packer Depth 4413 Wt. Pipe Run — WL 9.2  
 Total Depth 4420 Chlorides 4000 ppm System LCM \_\_\_\_\_  
 Blow Description IFP- weak blow throughout 1/4 - 1/2  
ISI- no blow back  
FFP- sur blow - flush tool - no blow  
FSI- —

Rec	Feet of	%gas	%oil	%water	%mud
<u>S</u>	<u>OCM</u>	<u>10</u>		<u>90</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

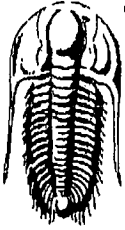
Rec Total S BHT 117 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>2210</u>	<input checked="" type="checkbox"/> Test	T-On Location <u>0653</u>
(B) First Initial Flow <u>38</u>	<input checked="" type="checkbox"/> Jars	T-Started <u>0752</u>
(C) First Final Flow <u>46</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>0951</u>
(D) Initial Shut-In <u>1161</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1101</u>
(E) Second Initial Flow <u>46</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1251</u>
(F) Second Final Flow <u>46</u>	<input checked="" type="checkbox"/> Mileage	Comments _____
(G) Final Shut-In _____	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>2142</u>	<input type="checkbox"/> Straddle	_____
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
	<input type="checkbox"/> Day Standby	Sub Total _____
	<input type="checkbox"/> Accessibility	Total _____
	Sub Total _____	

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 5 Flush 5  
 Final Shut-In \_\_\_\_\_

Approved By Jason Alm Our Representative Brian Fairbank (Flank)

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**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

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

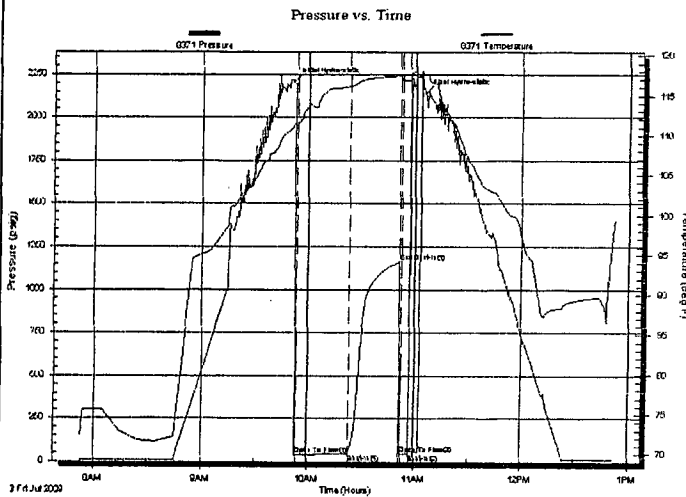
Meyer #1-21  
 21-19s-21w/Ness  
 Job Ticket: 36360      DST#: 2  
 Test Start: 2009.07.03 @ 07:52:52

## GENERAL INFORMATION:

Formation: Miss  
 Deviated: No      Whipstock:      ft (KB)  
 Time Tool Opened: 09:53:47  
 Time Test Ended: 12:52:16  
 Interval: 4413.00 ft (KB) To 4420.00 ft (KB) (TVD)  
 Total Depth: 4420.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches  
 Hole Condition:  
 Test Type: Conventional Bottom Hole  
 Tester: Brian Fairbank  
 Unit No: 41  
 Reference Elevations: 2277.00 ft (KB)  
 2271.00 ft (CF)  
 KB to GR/CF: 6.00 ft

Serial #: 8371      Inside  
 Press@RunDepth: 46.17 psig @ 4414.00 ft (KB)      Capacity: 7000.00 psig  
 Start Date: 2009.07.03      End Date: 2009.07.03      Last Calib.: 2009.07.03  
 Start Time: 07:52:52      End Time: 12:52:16      Time On Btm: 2009.07.03 @ 09:51:47  
 Time Off Btm: 2009.07.03 @ 11:05:17

TEST COMMENT: IFF - weak blow throughout 1/4" - 1/2"  
 ISI - no blow back  
 FFP - sur blow - flush tool - no blow  
 TIME - 30-30-5-flush-5



## PRESSURE SUMMARY

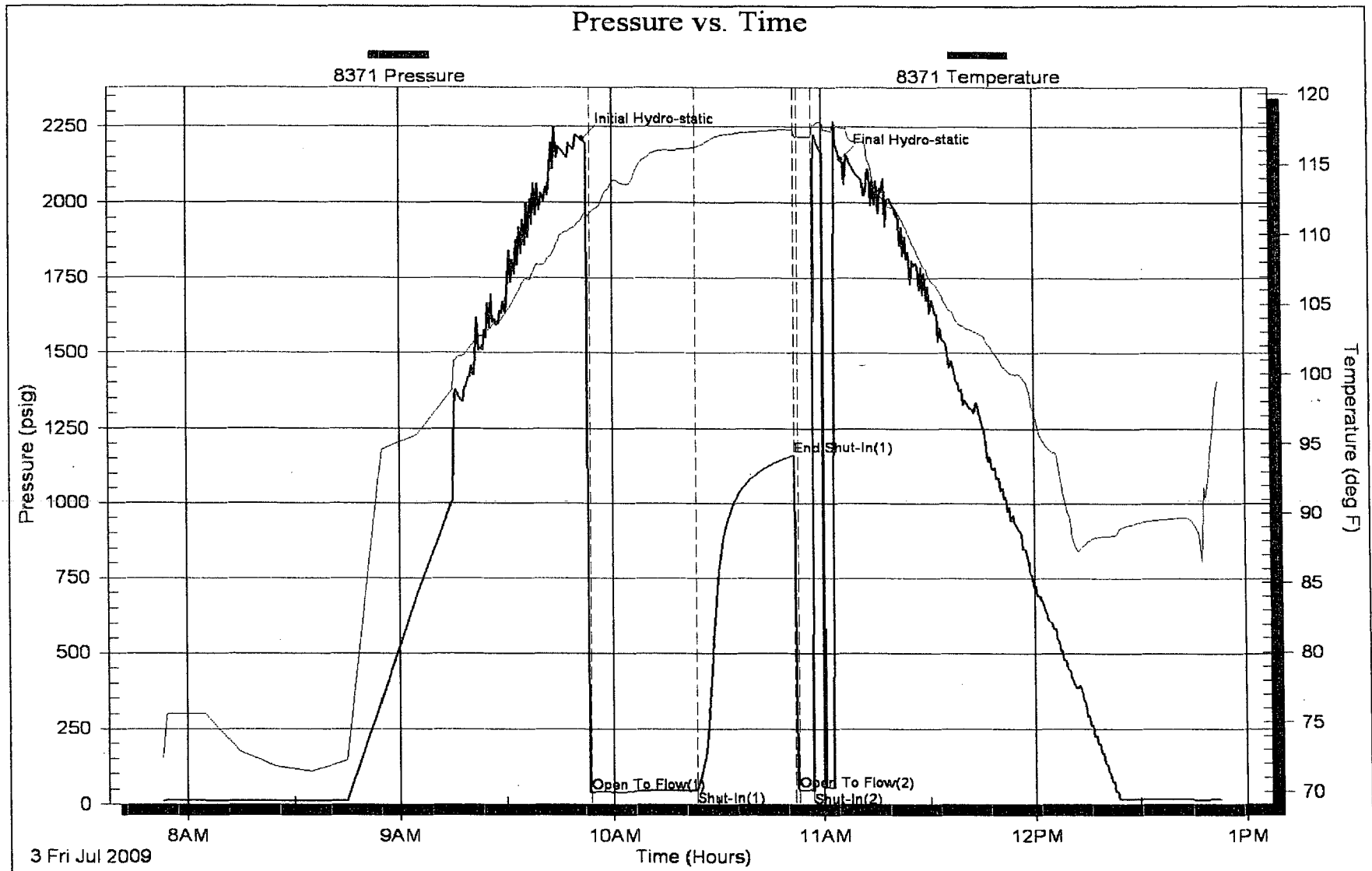
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2209.74	111.25	Initial Hydro-static
2	38.38	111.46	Open To Flow (1)
32	46.17	116.16	Shut-In(1)
60	1161.31	117.45	End Shut-In(1)
61	45.50	116.98	Open To Flow (2)
65	46.09	116.94	Shut-In(2)
74	2142.19	117.57	Final Hydro-static

## Recovery

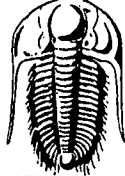
Length (ft)	Description	Volume (bbl)
5.00	OCM 10%O, 90%M	0.02

## Gas Rates

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







# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 36361

10/08

Well Name & No. Meyer #1-21 Test No. 3 Date 7-3-09  
 Company Am. Warrior Elevation 2277 KB 2271 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Jasen Alm Rig Petromark 1  
 Location: Sec. 21 Twp. 19<sup>s</sup> Rge. 21<sup>w</sup> Co. Ness State KO

Interval Tested 4414-4428 Zone Tested Miss  
 Anchor Length 14 Drill Pipe Run 4292 Mud Wt. 9.4  
 Top Packer Depth 4409 Drill Collars Run 122 Vis 46  
 Bottom Packer Depth 4414 Wt. Pipe Run — WL 14.4  
 Total Depth 4428 Chlorides 8400 ppm System LCM \_\_\_\_\_

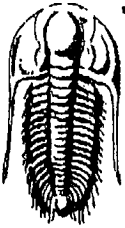
Blow Description IFP- BOB 28 min  
ISI- no blow back 12 min - sur blow died 7 min  
FFP- BOB 39 min  
FSI- 1" blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>230</u>	<u>GIP</u>				
<u>45</u>	<u>Free oil</u>	<u>5</u>	<u>90</u>		<u>5</u>
<u>90</u>	<u>GOLM</u>	<u>5</u>	<u>10</u>		<u>85</u>
<u>90</u>	<u>GMWCO</u>	<u>30</u>	<u>40</u>	<u>20</u>	<u>10</u>
<u>100</u>	<u>OCMW</u>		<u>10</u>	<u>60</u>	<u>30</u>

Rec Total 325 BHT 123 Gravity 39 API RW .340 @ 68 °F Chlorides 20,000 ppm

(A) Initial Hydrostatic 2187  Test \_\_\_\_\_ T-On Location 2115  
 (B) First Initial Flow 42  Jars \_\_\_\_\_ T-Started 3222  
 (C) First Final Flow 112  Safety Joint \_\_\_\_\_ T-Open 0032  
 (D) Initial Shut-In 1102  Circ Sub \_\_\_\_\_ T-Pulled 0332  
 (E) Second Initial Flow 117  Hourly Standby \_\_\_\_\_ T-Out 0553  
 (F) Second Final Flow 151  Mileage \_\_\_\_\_ Comments Tool slid 3  
 (G) Final Shut-In 1068  Sampler \_\_\_\_\_ to bottom  
 (H) Final Hydrostatic 2121  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 45  Day Standby \_\_\_\_\_ Sub Total \_\_\_\_\_  
 Initial Shut-In 45  Accessibility \_\_\_\_\_ Total \_\_\_\_\_  
 Final Flow 45  
 Final Shut-In 45  
 Sub Total \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Brian Fairbank (Hanks)  
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**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

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

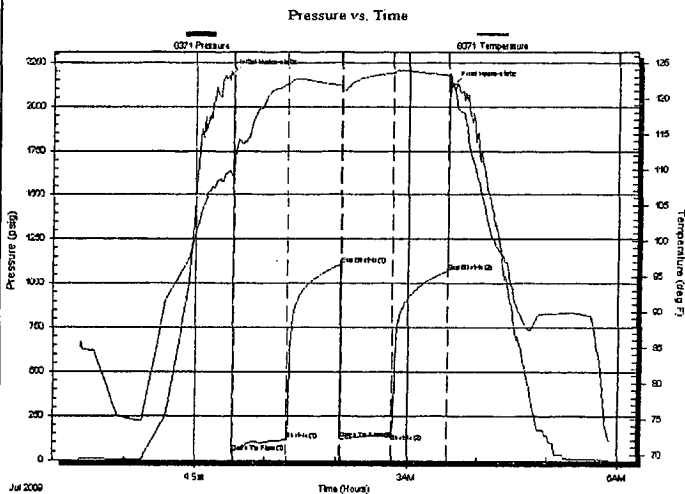
Meyer #1-21  
 21-19s-21w/Ness  
 Job Ticket: 36361      DST#: 3  
 Test Start: 2009.07.03 @ 22:22:37

## GENERAL INFORMATION:

Formation: Miss (2)  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 00:32:32  
 Time Test Ended: 05:53:31  
 Interval: 4414.00 ft (KB) To 4428.00 ft (KB) (TVD)  
 Total Depth: 4428.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches  
 Hole Condition:  
 Test Type: Conventional Bottom Hole  
 Tester: Brian Fairbank  
 Unit No: 41  
 Reference Elevations: 2277.00 ft (KB)  
 2271.00 ft (CF)  
 KB to GR/CF: 6.00 ft

Serial #: 8371      Inside  
 Press@RunDepth: 150.86 psig @ 4415.00 ft (KB)      Capacity: 7000.00 psig  
 Start Date: 2009.07.03      End Date: 2009.07.04      Last Calib.: 2009.07.04  
 Start Time: 22:22:37      End Time: 05:53:31      Time On Btm: 2009.07.04 @ 00:31:02  
 Time Off Btm: 2009.07.04 @ 03:38:01

TEST COMMENT: IFF - BOB 28 min.  
 ISI - no blow back 12 min. - sur blow died 7 min.  
 FFP - BOB 39 min.  
 FSI - 1" blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2186.82	109.18	Initial Hydro-static
2	42.30	107.82	Open To Flow (1)
48	111.85	122.00	Shut-In(1)
92	1101.93	121.83	End Shut-In(1)
93	117.28	121.11	Open To Flow (2)
136	150.86	123.59	Shut-In(2)
183	1068.11	123.27	End Shut-In(2)
187	2120.85	121.53	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
100.00	OCMW 10%O, 60%W, 30%M	0.49
90.00	GMWCO 30%G, 40%O, 20%W, 10%M	1.06
90.00	GOCM 5%G, 10%O, 85%M	1.26
45.00	FREE OIL 5%G, 90%O, 5%M	0.63
0.00	230' GIP	0.00

## Gas Rates

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

