



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1204937
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1204937

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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 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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Fritzler 3
Doc ID	1204937

Tops

Name	Top	Datum
Anhy	1494	+815
B/Anhy	1527'	+782
Heebner	3826'	-1517
Lansing	3873'	-1564
B/KC	4287'	-1978
Marmaton	4309'	-2000
Pawnee	4403'	-2094
Ft.Scott	4440'	-2131
Cherokee	4465'	-2156
Rework	4544'	-2235
Mississippian	4550'	-2241



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

TICKET 26141

PAGE 1 OF 2

SERVICE LOCATIONS 1. *Wes City KS* WELL/PROJECT NO. *43* LEASE *Fritzler* COUNTY/PARISH *Hodgeman* STATE *KS* CITY *Jetmore* DATE *18 APR 14* OWNER
 2. TICKET TYPE SERVICE CONTRACTOR *DUKE* RIG NAME/NO. *5* SHIPPED VIA *CT* DELIVERED TO *location* ORDER NO.
 3. WELL TYPE *oil* WELL CATEGORY *Development* JOB PURPOSE *cement long string* WELL PERMIT NO. WELL LOCATION *3-23-24*
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	35	m			6.00	210 195 210.00
578		1			Pump Charge	1	ea			1500.00	1500.00
402		1			Centralizer	5 1/2	in	9	ea	70.00	630.00
403		1			Cement Basket	5 1/2	in	2	ea	300.00	600.00
404		1			Port collar	5 1/2	in	1	ea	2900.00	2900.00
406		1			Latch down ply & baffle	5 1/2	in	1	ea	275.00	275.00
407		1			Insert float shoe w/ auto fill	5 1/2	in	1	ea	375.00	375.00

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
 DATE SIGNED TIME SIGNED *11:15* 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?				1	6475.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	5552.19
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					12027.19
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					421
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO					
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	12,747.48

subtotal
 Hodgeman TAX 7.3% 705.29

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

SWIFT OPERATOR *ABG* APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 16 APR 14 PAGE 10

CUSTOMER American Warrior WELL NO. 43 LEASE Fritzier JOB TYPE cement long string TICKET NO. 26141

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175sk EA-2 cement w/ 7# Floeole 110jts 5 1/2" x 15.5" casing 4627' TD = 4640 shoejt 21.05' part collar #76 1443' Centralizers 1, 2, 3, 5, 7, 9, 12, 75, 77 Packer 4, 78
	0530							on loc TRK 114
	0555							start 5 1/2" x 15.5" casing in well
	0750							Drop ball - circulate
	0820	4	12				200	Pump 500 gal mud flush
		4	20				200	Pump 20 bbl KCL flush
	0825		7					Plug RH - MH 305sk - 205sk
	0830		35				200	mix EA-2 cement 125sk @ 15.3ppg
								Drop latch down plug
	0845							wash out pump & lines
	0850	5 3/4					200	Displace plug
		5 3/4	100				600	
	0910	5 3/4	109				1300	Land plug
								Release pressure to truck - dried up
	0915							wash truck
								Rack up
	0945							job complete - Trucks Blaine, Flint, & Isaac



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

TICKET 26147

PAGE 1 OF 1

SERVICE LOCATIONS
 1. Ness City KS WELL/PROJECT NO. #3 LEASE Fritzler COUNTY/PARISH Hodgeman STATE KS CITY Jetmore DATE 25 APR 14 OWNER
 2. TICKET TYPE SERVICE CONTRACTOR FRITZLER RIG NAME/NO. SHIPPED VIA CT DELIVERED TO location ORDER NO.
 3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE squeeze frags/concrete put collar WELL PERMIT NO. WELL LOCATION 3-23-24
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	35	mi			6.00	210.00
578		1			Pump Charge	1	ea			1500.00	1500.00
300		1			Regular Acid	15	%	250	gal	1.95	462.50
325		1			Standard Cement	75	sk			14.50	1087.50
330		1			SMD cement	125	sk			18.50	2312.50
276		1			Floccle	50	lb			2.50	125.00
290		1			D-AIR	3	gal			42.00	126.00
235		1			inhib-1	1	gal			40.00	40.00
581		1			service charge	250	sk			2.00	500.00
583		1			Drayage	24464	lb	428.12	TM	1.00	428.12
104		1			Post Collar Tool Rental	1	ea			250.00	250.00

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

X
 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?				7041.62
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL

Hodgeman TAX 7.13% 284.77

7326.39

JOB LOG

SWIFT Services, Inc.

DATE 25 APR 14 PAGE NO.

CUSTOMER American Warrior WELL NO. #3 LEASE Fritzier JOB TYPE Squeeze perf / port collar TICKET NO. 26147

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								250 gal 15% Reg acid 2 3/4" 5 1/2"
								75 sk STD cement - perf squeeze
								175 sk SMD - port collar
								perfs 4564'-65' port collar - 1443'
	0830							on loc TRX 114
								tubing to 4564'
								hole full of H ₂ O
	0855		18					spot 6 bbl Acid + 12 bbl H ₂ O
								set packer @ 4430'
	0930	1/4				1200		feeding
		1/4	24			1300		break down - vac in 3 min
	0944	2	2			300		mix STD cement 75 sk @ 15.6 ppg
		2	16			300		75 sk mixed - on vac
	0956							wash out P&F
	1000							Displace w/ Fresh H ₂ O
		1 3/4	4			400		catch pressure
		1	10			1500		
		1/4	14			2200		Kickout - 3 bbl in tubing
	1015					2000		holding 200 psi - Release psi - dried up
		1/2				500		Release packer reverse out
			30					3 bbl cement to pit - hole clean
								3 bbl in tubing + 3 bbl in casing = 10 bbl behind - Pipe (50 sk)
	1045							pull tool / Run in with port collar tool
								port collar 1443'
	1339					1000	1000	test to 1000 psi - held - open port collar
	1349	3 1/2	2			300		inj rate 3 1/2 bpm @ 300 psi
	1352							Mix SMD cement @ 11.2 ppg
	1420	3 1/2	69			300		Cement to surface - (25 sk limited) (15 sk to pit)
			5					plug 5 bbl H ₂ O
								close port collar
						1000	1000	test to 1000 psi - held
	1445							Reverse hole clean - 2 cement plug
	1515							wash truck - pack up job complete

Thanks
Blaine, Flat
Ding



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Jason T Alm

Fritzler #3

3-23S-24W Hodgeman,KS

Start Date: 2014.04.16 @ 19:24:15

End Date: 2014.04.17 @ 05:31:15

Job Ticket #: 58759 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.04.19 @ 12:47:13



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

3-23S-24W Hodgeman,KS

Fritzler #3

Job Ticket: 58759 **DST#: 1**
 Test Start: 2014.04.16 @ 19:24:15

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:52:15
 Time Test Ended: 05:31:15
 Interval: **4485.00 ft (KB) To 4561.00 ft (KB) (TVD)**
 Total Depth: 4561.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brannan L
 Unit No: 48
 Reference Elevations: 2309.00 ft (KB)
 2298.00 ft (CF)
 KB to GR/CF: 11.00 ft

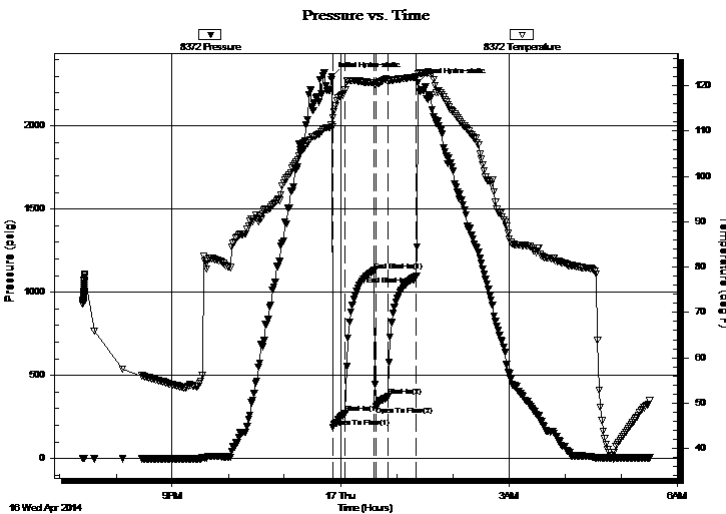
Serial #: 8372

Inside

Press@RunDepth: 371.60 psig @ 4486.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.04.16 End Date: 2014.04.17 Last Calib.: 2014.04.17
 Start Time: 19:24:16 End Time: 05:31:15 Time On Btm: 2014.04.16 @ 23:50:45
 Time Off Btm: 2014.04.17 @ 01:23:15

TEST COMMENT: 15- IF- BOB 1 min
 30- IS- Built to 3"
 15- FF- BOB 2 min
 30- FS- Built to 4"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2299.30	111.29	Initial Hydro-static
2	186.93	112.99	Open To Flow (1)
15	272.13	119.06	Shut-In(1)
46	1130.99	120.71	End Shut-In(1)
48	311.43	120.64	Open To Flow (2)
60	371.60	121.17	Shut-In(2)
91	1096.13	121.94	End Shut-In(2)
93	2259.10	122.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	OCM, 30%O 70%M	0.49
200.00	GMCO, 20%G 20%M 60%O	0.98
700.00	MWCO, 15%M 15%W 70%O	9.51
0.00	GTS	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

3-23S-24W Hodgeman,KS

PO Box 399
Garden City, KS 67846

Fritzler #3

Job Ticket: 58759

DST#: 1

ATTN: Jason T Alm

Test Start: 2014.04.16 @ 19:24:15

Tool Information

Drill Pipe:	Length: 4182.00 ft	Diameter: 3.75 inches	Volume: 57.13 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 306.00 ft	Diameter: 2.25 inches	Volume: 1.50 bbl	Weight to Pull Loose:	75000.00 lb
			<u>Total Volume:</u>	Tool Chased	0.00 ft
				String Weight: Initial	68000.00 lb
Drill Pipe Above KB:	30.00 ft			Final	73000.00 lb
Depth to Top Packer:	4485.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	76.00 ft				
Tool Length:	103.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4459.00	
Shut In Tool	5.00			4464.00	
Hydraulic tool	5.00			4469.00	
Jars	5.00			4474.00	
Safety Joint	2.00			4476.00	
Packer	5.00			4481.00	27.00 Bottom Of Top Packer
Packer	4.00			4485.00	
Stubb	1.00			4486.00	
Recorder	0.00	8372	Inside	4486.00	
Recorder	0.00	8321	Outside	4486.00	
Perforations	7.00			4493.00	
Change Over Sub	1.00			4494.00	
Drill Pipe	63.00			4557.00	
Change Over Sub	1.00			4558.00	
Bullnose	3.00			4561.00	76.00 Bottom Packers & Anchor

Total Tool Length: 103.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

3-23S-24W Hodgeman,KS

PO Box 399
Garden City, KS 67846

Fritzler #3

Job Ticket: 58759

DST#: 1

ATTN: Jason T Alm

Test Start: 2014.04.16 @ 19:24:15

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 9.59 in³
Resistivity: ohm.m
Salinity: 5200.00 ppm
Filter Cake: inches

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

Oil API: 38 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	OCM, 30%O 70%M	0.492
200.00	GMCO, 20%G 20%M 60%O	0.984
700.00	MWCO, 15%M 15%W 70%O	9.510
0.00	GTS	0.000

Total Length: 1000.00 ft Total Volume: 10.986 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

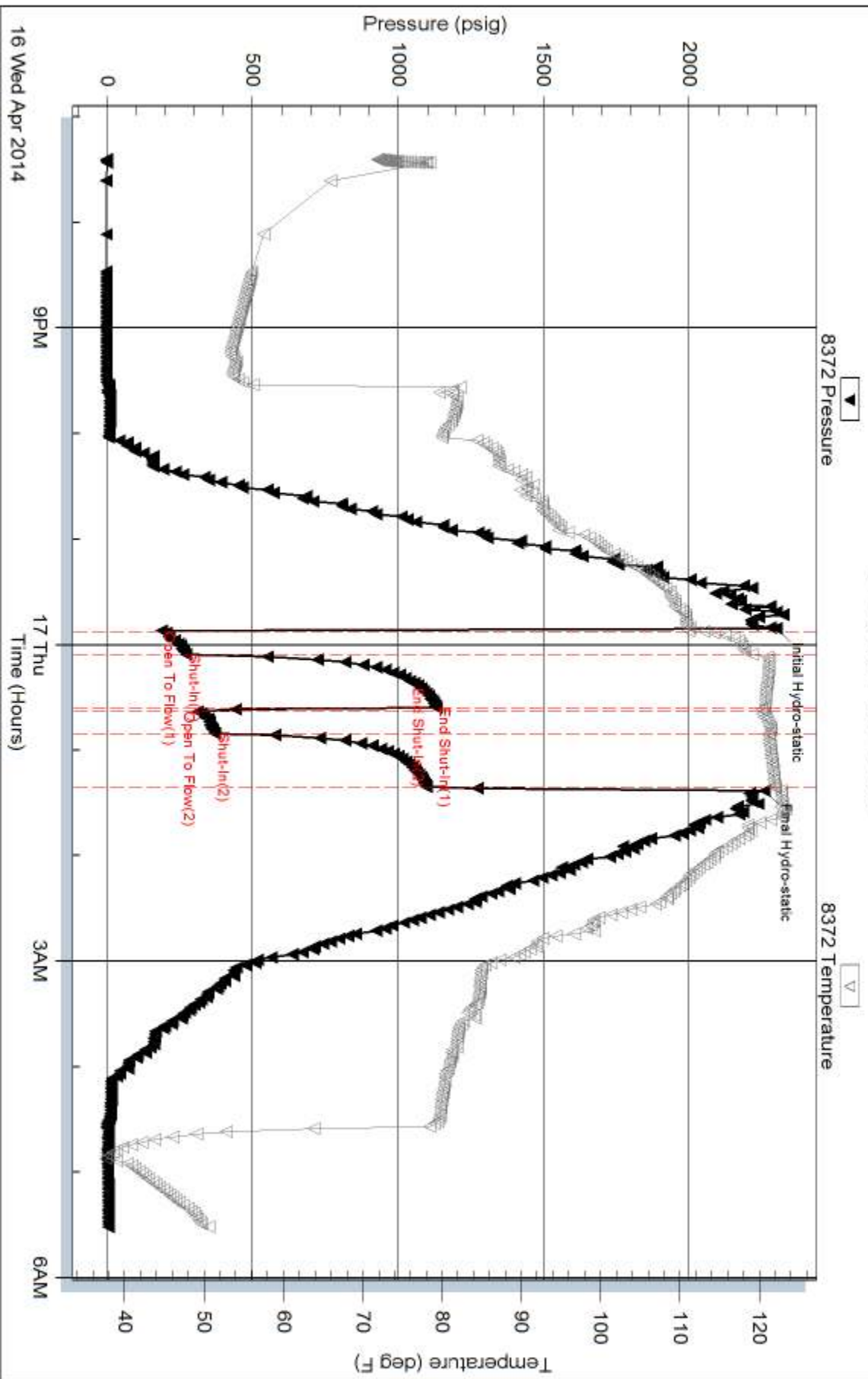
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

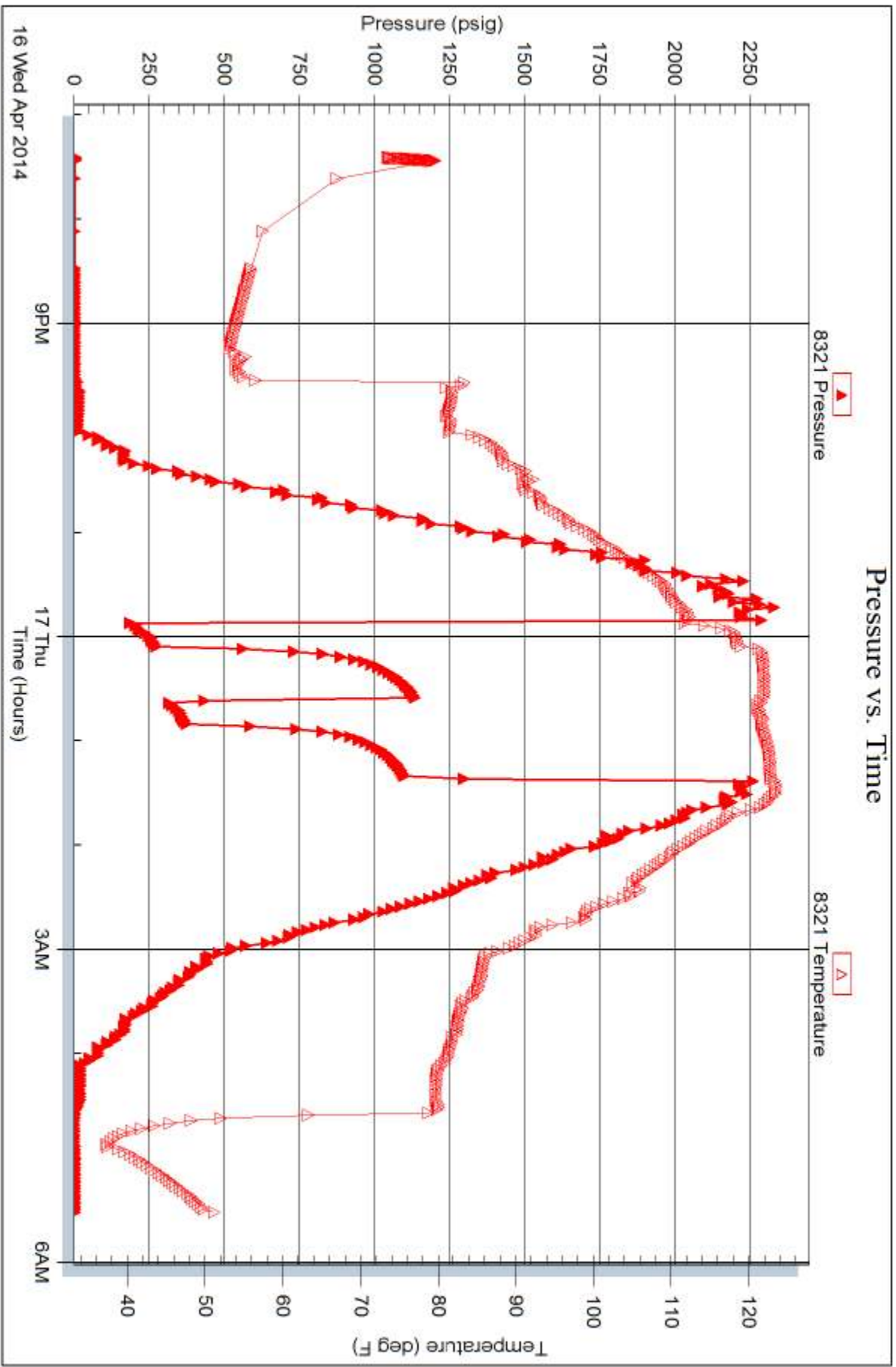


Serial #: 8321

Outside American Warrior, Inc.

Fritzier #3

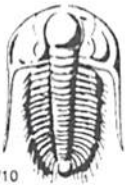
DST Test Number: 1



Triobite Testing, Inc

Ref. No: 58759

Printed: 2014.04.19 @ 12:47:15



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58759

4/10

Well Name & No. Fritzler #3 Test No. 1 Date 4/16/14
 Company American Warrior, Inc. Elevation 2309 KB 2298 GL
 Address 3118 Cummings Rd. PO Box 399 Garden City, KS 67846
 Co. Rep / Geo. Jason T Alm Rig Duke #5
 Location: Sec. 3 Twp. 23 S Rge. 24 W Co. Hodgeman State KS

Interval Tested 4485 - 4561 Zone Tested MISS
 Anchor Length 26' Drill Pipe Run 4182 Mud Wt. 9.45
 Top Packer Depth 4480 Drill Collars Run 306 Vis 50
 Bottom Packer Depth 4485 Wt. Pipe Run _____ WL 9.6
 Total Depth 4561 Chlorides 5,200 ppm System LCM 1/2#

Blow Description IF - BOB 1 min
ISI - Built to 3" Gas to surface
FF - BOB 3 min
FSI - Built to 4"

Rec	Feet of	%gas	%oil	%water	%mud
<u>100</u>	<u>GCM</u>	<u>30</u>	<u>30</u>	<u>70</u>	<u>70</u>
<u>200</u>	<u>GCMCO</u>	<u>20</u>	<u>60</u>	<u>20</u>	<u>20</u>
<u>700</u>	<u>MWCO</u>	<u>20</u>	<u>15</u>	<u>15</u>	<u>15</u>
Rec _____	Feet of <u>3500' GIP</u>	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 1,000' BHT 122° Gravity 38 API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 2299 Test 1250 T-On Location 1904
 (B) First Initial Flow 187 Jars 250 T-Started 1924
 (C) First Final Flow 272 Safety Joint 75 T-Open 2351
 (D) Initial Shut-In 1131 Circ Sub _____ T-Pulled 0121 4/17
 (E) Second Initial Flow 311 Hourly Standby _____ T-Out 0532
 (F) Second Final Flow 372 Mileage 222 RT Comments _____
 (G) Final Shut-In 1096 Sampler 168rt 260.40
 (H) Final Hydrostatic 2259 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 15
 Initial Shut-In 30
 Final Flow 15
 Final Shut-In 30
 Sub Total 1835.40
 Total 1835.40
 MP/DST Disc't _____

Approved By _____ Our Representative Bragman L

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.

Geological Report

American Warrior Inc.

Fritzler #3

335' FSL & 967' FEL

Sec. 3 T23s R24w

Hodgeman County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Fritzler #3
335' FSL & 967' FEL
Sec. 3 T23s R24w
Hodgeman County, Kansas
API # 15-083-21906-0000

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Jason T Alm

Spud Date: April 11, 2014

Completion Date: April 18, 2014

Elevation: 2298' Ground Level
2309' Kelly Bushing

Directions: Jetmore KS, West 2 mi. South 1 mi. West 1/8 mi.
North into location

Casing: 221' 8 5/8" surface casing
4639' 5 1/2" production casing

Samples: 10' wet and dry, 4200' to RTD

Drilling Time: 3700' to RTD

Electric Logs: Pioneer Energy Services "Chris Desaire"
CNL/CDL, DIL, MEL

Drillstem Tests: One, Trilobite Testing, Inc. "Brannan Lonsdale"

Problems: None

Remarks: None

Formation Tops

Formation	American Warrior, Inc. Fritzler #3 Sec. 3 T23s R24w 335' FSL & 967' FEL
Anhydrite	1494', +815
Base	1527', +782
Heebner	3826', -1517
Lansing	3873', -1564
BKc	4287', -1978
Marmaton	4309', -2000
Pawnee	4403', -2094
Fort Scott	4440', -2131
Cherokee	4465', -2156
Miss Rework	4544', -2235
Mississippian	4550', -2241
LTD	4640', -2331
RTD	4640', -2331

Sample Zone Descriptions

- Miss Rework (4544', -2235): Covered in DST #1**
 Dolo – Fine to sub-crystalline with poor vuggy porosity, light to fair oil stain and saturation in porosity, slight show of free oil, “Dirty”, reworked, 34 unit hotwire.
- Mississippian (4550', -2241): Covered in DST #1**
 Dolo – Fine to medium crystalline with fair to good vuggy and scattered inter-crystalline porosity, light to very good oil stain and saturation, fair show of free oil, good odor, bright yellow fluorescents in dry sample, 70 units hotwire.

Drill Stem Tests
Trilobite Testing Inc.
"Brannan Lonsdale"

DST #1

Mississippian

Interval (4485' – 4561') Anchor Length 76'

IHP	– 2299 #	
IFP	– 15" – B.O.B. 1 min.	186-272 #
ISI	– 30" – Built to 3 in.	1131 #
FFP	– 15" – B.O.B. 2 min.	311-372 #
FSI	– 30" – Built to 4 in.	1096 #
FHP	– 2259 #	
BHT	– 122°F	

Recovery: GTS during ISI, TSTM
 100' OCM 30% Oil
 200' GMCO 60% Oil
 700' MWCO 70% Oil, 15% Water

Structural Comparison

	American Warrior, Inc. Fritzler #3 Sec. 3 T23s R24w 335' FSL & 967' FEL	American Energies Corp. Sinclair #1 Sec. 3 T23s R24w C SE SE	Pickrell Drilling Co. Sinclair A #1 Sec. 3 T23s R24w C SW SE
Formation			
Anhydrite	1494', +815	NA	NA
Base	1527', +782	NA	NA
Heebner	3826', -1517	3818', -1517	FL 3851', -1528
Lansing	3873', -1564	3867', -1566	(+2) 3898', -1575
BKc	4287', -1978	4280', -1979	(+1) NA
Marmaton	4309', -2000	4302', -2001	(+1) NA
Pawnee	4403', -2094	4401', -2100	(+6) NA
Fort Scott	4440', -2131	4435', -2134	(+3) NA
Cherokee	4465', -2156	4482', -2159	(+3) NA
Miss Rework	4544', -2235	4544', -2243	(+8) NA
Mississippian	4550', -2241	4548', -2247	(+6) 4578', -2255

Summary

The location for the Fritzler #3 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 Warsaw Formation. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the Fritzler #3 well.

Recommended Perforations

Primary

Mississippian Warsaw (4550' – 4554') DST #1

Secondary

Miss Reworked (4544' – 4547') DST #1

Perf and Squeeze (4564' – 4565')

I have chosen not to shoot the reworked zone directly above the Miss initially due to it looking very dirty in sample. The Micro-log shows good permeability throughout the interval but I am afraid that it may swell. The fluid recovery of the DST came from the true Mississippian section.

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.