



KANSAS CORPORATION COMMISSION 1069806  
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: \_\_\_\_\_

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 #: \_\_\_\_\_  
04/29/2011    05/06/2011    05/06/2011  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-135-25109-00-00  
Spot Description:  
E2 NW SE SW Sec. 26 Twp. 18 S. R. 21  East  West  
990 Feet from  North /  South Line of Section  
1950 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Ness  
Lease Name: Leininger Well #: 1  
Field Name: \_\_\_\_\_  
Producing Formation: Chase  
Elevation: Ground: 2146 Kelly Bushing: 2152  
Total Depth: 4264 Plug Back Total Depth: 2607  
Amount of Surface Pipe Set and Cemented at: 1368 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: 26000 ppm Fluid volume: 160 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 Gombor Date: 12/08/2011



1069806

Operator Name: American Warrior, Inc. Lease Name: Leininger Well #: 1  
 Sec. 26 Twp. 18 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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" 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, Dual Compensated Porosity	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum Attached Attached Attached
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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	1368	SMD	425	1/4# flocele
Production	7.875	5.5	14	2649	SMD	250	1/4# flocele

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 Bbbs.	Gas Mcf	Water Bbbs.	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	Leininger 1
Doc ID	1069806

Tops

Tops		
Anhydrite	1354	798
Chase	2338	-86
Heebner	3614	-1462
Lansing	3654	-1502
Base KC	3972	-1820
Pawnee	4052	-1900
Ft.Scott	4118	-1966
Cherokee	4134	-1982
Mississippian	4226	-2074
LTD	4264	-2112

# **Geological Report**

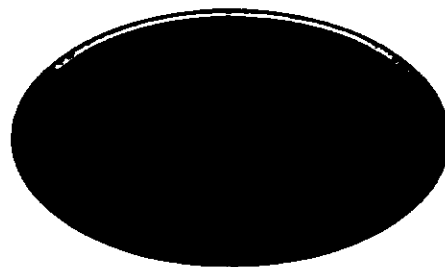
American Warrior, Inc.

**Leininger #1**

990' FSL & 1950' FWL

Sec. 26 T18s R21w

Ness County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Leininger #1  
990' FSL & 1950' FWL  
Sec. 26 T18s R21w  
Ness County, Kansas  
API # 15-135-25109-0000

Drilling Contractor: Petromark Drilling, LLc Rig #1

Geologist: Jason Alm

Spud Date: April 29, 2011

Completion Date: May 6, 2011

Elevation: 2146' Ground Level  
2152' Kelly Bushing

Directions: Bazine KS, East on Hwy 96 to HH Rd. South 300  
ft. East and South into location.

Casing: 1374' 8 5/8" surface casing  
2649' 5 1/2" production casing

Samples: 10' wet and dry, 3500' to RTD

Drilling Time: 3500' to RTD

Electric Logs: Log Tech, Inc. "Jared Long"  
CNL/CDL, DIL

Drillstem Tests: None

Problems: None

Remarks: No drill stem tests were run due to lack of shows.  
Production casing was set over the Chase shallow  
gas zones.

## Formation Tops

Formation	American Warrior, Inc. Leininger #1 Sec. 26 T18s R21w 990' FSL & 1950' FWL
Anhydrite	1354', +798
Base	1389', +763
Krider	2238', -86
Winfield	2293', -141
Towanda	2366', -214
Heebner	3614', -1462
Lansing	3654', -1502
BKc	3972', -1820
Pawnee	4052', -1900
Fort Scott	4118', -1966
Cherokee	4134', -1982
Mississippian	4226', -2074
RTD	4264', -2112

## Sample Zone Descriptions

<b>Krider</b>	(2238', -86): 24 unit gas kick	<b>Not Tested</b>
<b>Winfield</b>	(2293', -141): 4 unit gas kick	<b>Not Tested</b>
<b>Towanda</b>	(2366', -214): 8 unit gas kick	<b>Not Tested</b>
<b>Mississippian Osage</b>	(4226', -2074): Dolo - Δ - Fine sucrosic crystalline with fair vuggy porosity, very heavy trip chert, heavily weathered with good vuggy porosity, barren, no fluorescents, no gas kick.	<b>Not Tested</b>

## Structural Comparison

	American Warrior, Inc. Leininger #1 Sec. 26 T18s R21w 990' FSL & 1950' FWL	American Warrior, Inc. Jensen #3 Sec. 27 T18s R21w 1250' FSL & 680' FEL		American Warrior, Inc. Witthuhn #5-35 Sec. 35 T18s R21w 1300' FNL & 1800' FWL	
<b>Formation</b>					
Anhydrite	1354', +798	1314', +798	<b>FL</b>	1360', +797	<b>(+1)</b>
Base	1389', +763	1349', +763	<b>FL</b>	NA	<b>NA</b>
Krider	2238', -86	NA	<b>NA</b>	NA	<b>NA</b>
Winfield	2293', -141	NA	<b>NA</b>	NA	<b>NA</b>
Towanda	2366', -214	NA	<b>NA</b>	NA	<b>NA</b>
Heebner	3614', -1462	3564', -1452	<b>(-10)</b>	3610', -1453	<b>(-9)</b>
Lansing	3654', -1502	3608', -1496	<b>(-6)</b>	3645', -1488	<b>(-14)</b>
BKc	3972', -1820	3926', -1812	<b>(-8)</b>	NA	<b>NA</b>
Pawnee	4052', -1900	4008', -1894	<b>(-6)</b>	4059', -1902	<b>(+2)</b>
Fort Scott	4118', -1966	4079', -1965	<b>(-1)</b>	4116', -1959	<b>(-7)</b>
Cherokee	4134', -1982	4094', -1982	<b>FL</b>	4132', -1975	<b>(-7)</b>
Mississippian	4226', -2074	4194', -2080	<b>(+6)</b>	4206', -2049	<b>(-25)</b>

## Summary

The location for the Leininger #1 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. No drill stem tests were run due to lack of oil shows throughout the well. Although, there was substantial gas shows throughout the Chase Group. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the shallow Chase Group gas shows in the Leininger #1 well.

## Recommended Perforations

### Primary Perforations:

**Krider:** (2243' – 2254') **24 units**

### Before Abandonment:

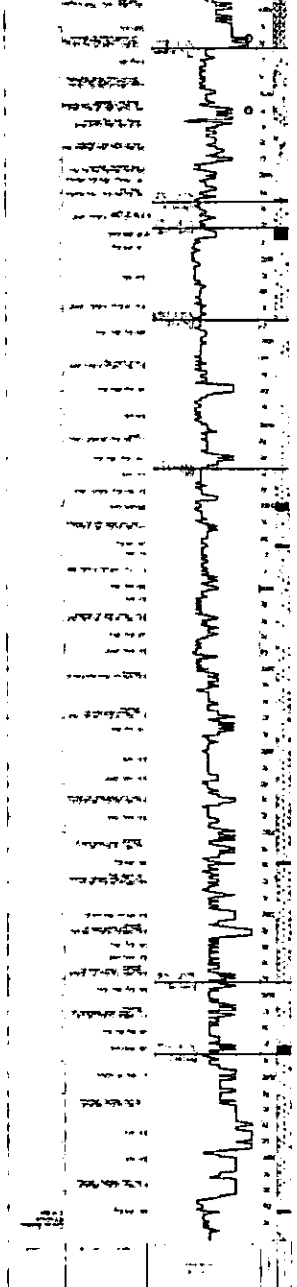
**Winfield:** (2293' – 2298') **4 units**

**Towanda:** (2366' – 2370') **8 units**

Respectfully Submitted,

Jason Alm  
Hard Rock Consulting, Inc.

1000  
7/2/54



Time	Amplitude	Frequency	Phase
0.0	0.0	0.0	0.0
0.1	0.1	0.1	0.1
0.2	0.2	0.2	0.2
0.3	0.3	0.3	0.3
0.4	0.4	0.4	0.4
0.5	0.5	0.5	0.5
0.6	0.6	0.6	0.6
0.7	0.7	0.7	0.7
0.8	0.8	0.8	0.8
0.9	0.9	0.9	0.9
1.0	1.0	1.0	1.0

1000  
7/2/54

Amplitude (cm)  
Time (sec)  
Frequency (cycles/sec)  
Phase (degrees)





Services, Inc.

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

TICKET 20778

PAGE 1 of 1

1. SERVICE LOCATION: Ness City, KS. WELL PROJECT NO. LEININGER #1  
 2. TICKET TYPE: CONTRACTOR. SERVICE: PETER MARK DRILLING. CONTRACTOR: PETER MARK DRILLING. NO. NAME: NESS. STATE: KS. CITY: TRAZINE, KS. DATE: May 11. OWNER: [blank]  
 3. WELL TYPE: OIL. WELL CATEGORY: DEV. WELL. JOB PURPOSE: 8 5/8 SURFACE. SHIPPED VIA: LOCATION. DELIVERED TO: LOCATION. WELL PERMIT NO.: [blank]. WELL LOCATION: 3E 41S E15 T4STO  
 4. RESERVA LOCATION: [blank]. INVOICE INSTRUCTIONS: [blank]

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.				UNIT PRICE	AMOUNT			
		LOC	ACT		UM	UM	QTY.	UM					
575				MILEAGE # 110	20	MIL			5.00	100.00			
576				PUMP CHARGE	1	HR	1308	HR	1100.00	1100.00			
401				INSERT FEAT W/O FILL	1	EA			250.00	250.00			
409				TURBOCHARGER	4	EA			90.00	360.00			
281				MUD FLUSH	500	SEC			1.00	500.00			
281				KIDUID KEL	2	SEC			25.00	50.00			
410				TOP PUG	1	EA			100.00	100.00			
290				D-AIR	3	EA			35.00	105.00			
276				FLOCCEL	107	11BS			1.50	160.50			
330				SUITE MULTI DENSITY	4	5X			15.00	63.75			
81				SEWICE CHARGE CEMENT	4	5X			1.50	6.375			
583				DRAPAGE	422	971M			1.00	422.97			
<p>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.</p> <p>MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS</p>					<p>REMIT PAYMENT TO:            SWIFT SERVICES, INC.            P.O. BOX 466            NESS CITY, KS 67560            785-798-2300</p>					<p>OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?            WE UNDERSTOOD AND MET YOUR NEEDS?            OUR SERVICE WAS PERFORMED WITHOUT DELAY?            THE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?            ARE YOU SATISFIED WITH OUR SERVICE?</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p>		<p>PAGE TOTAL: 10055.97</p> <p>TAX: [blank]</p> <p>TOTAL: [blank]</p>	

DATE SIGNED: May 11, 1988. TIME SIGNED: 1:00 PM. SWIFT OPERATOR: [Signature]. APPROVAL: [Signature]. CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: [Signature].

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE May 11 PAGE NO.

CUSTOMER AMERICAN WARRIOR

WELL NO.

LEASE LEININGER #1

JOB TYPE 8 5/8 SURFACE

TICKET NO. 20778

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0400							DN LOCATION
	0525							START PIPE 8 5/8 - 23" RTD @ 1369 SET @ 1368 CENTRALIZERS 1, 4, 12, 31
	0830							CIRCULATE
	0845	6	12				300	Pump 500 gal Mud FLUSH
	0847	6	20				300	Pump 20 BBL KCL FLUSH
	0852	6	46					MIX CEMENT - SMD
		6	57				300	100 sx @ 11.8 ppb.
		6	30				300	150 sx @ 12.5 ppb.
		6	26				200	100 sx @ 13.5 ppb.
							200	75 sx @ 14.5 ppb.
	0920							WASH OUT PUMPING LINES.
	0922	6					200	RELEASE PLUG STAB. DISPLACEMENT
	0938		84				500	PLUG DOWN. SHUT WELL IN.
	0941							WASH TRUCK
	1000							JOB COMPLETE
								THANKS #110
								JASON JEFF LAWE



Services, Inc.

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

TICKET 20785

PAGE 1 OF 2

1. SERVICE LOCATION: Ness City, KS  
WELL PROJECT NO.:  
LEASE: LEWINGER # 1  
COUNTY: NESS  
STATE: KS  
CITY: PAZINE, KS  
DATE: 6/04/11  
OWNER:  
2. TICKET TYPE: CONTRACTOR  
CONTRACTOR: PETROMARK DRILLING  
RIG NAME NO.:  
3. WELL TYPE: GAS  
WELL CATEGORY: DEVELOPMENT  
JOB PURPOSE: 5 1/2" LOGGING  
WELL PERMIT NO.:  
4. REFERRAL LOCATION: INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					WIREAGE # 110	20	FT			5.00	100.00
578					PUMP GUARDE	1	EA			1400.00	1400.00
408					NEUTRALIZERS	5	EA			65.00	325.00
403					CEMENT BASKETS	2	EA			230.00	460.00
405					FORMATION PACKER SHOES	1	EA			1300.00	1300.00
406					LATCH DOWN PLUG & BAGGLE	1	EA			225.00	225.00
281					MUD FLUSH	500	GA			1.00	500.00
221					KIDDAID KIT	2	EA			25.00	50.00

**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

DATE SIGNED: 6/04/11  
TIME SIGNED: 11:30 AM  
DATE SIGNED: 6/04/11  
TIME SIGNED: 11:30 AM

SWIFT OPERATOR: *James J. [Signature]*

APPROVAL: \_\_\_\_\_

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?  
WE UNDERSTOOD AND MET YOUR NEEDS?  
OUR SERVICE WAS PERFORMED WITHOUT DELAY?  
THE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?  
ARE YOU SATISFIED WITH OUR SERVICE?

AGREE UNDECIDED DISAGREE

TOTAL

Thank You!



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

TICKET CONTINUATION

TICKET No. **80745**

CUSTOMER **AMERICAN BARBER** WELL REMINDER # **1** DATE **6/20/11** PAGE **2** OF **2**

276	1	EDUCFE	1.03165	152	94150
287	1	GAS STOP	150116	700	105020
290	1	D-AIR	3.94	3500	105020
330	1	SWIFT MULTI DENSITY	2505x	150	37500
581	1	SWIFT MULTI DENSITY	2505x	150	37500
583	1	SWIFT MULTI DENSITY	25063	100	25063

5625.13

JOB LOG

SWIFT Services, Inc.

DATE 6 MAY 11 PAGE NO. 1

CUSTOMER AMERICAN WARRIOR WELL NO. LEASE LEININGER #1 JOB TYPE 5 1/2 LONGSTRING TICKET NO. 20785

CHART NO.	TIME	RATE (GPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1300							ON LOCATION
	1325							START PIPE 5 1/2" 14" RIDE 4265 SETE 2649 SHOE IT 42.46. CENTRALIZERS 5, 6, 8, 9, 11 BASKETS 1, 2
	1430				✓		1100	SET PACKER SHOE CIRCULATE.
	1452	6	12		✓		200	PUMP 500 GAL MUD FLUSH
	1454	6	20		✓		200	PUMP 20 BBL KCL FLUSH
	1500		#7		✓			PLUG RH (305)
	1504	4	80		✓		100	MIX 1453x SMD
		4	21		✓			MIX 753x SMD W/GAS STOP
	1535							WASH OUT PUMPING LINES
	1537	6			✓			RELEASE PLUG START DISPLACEMENT
	1548	0	124		✓		1200	PLUG DOWN PRESSURE UP LATCH PLUG IN
	1551							RELEASE PRESSURE DRY
	1553							WASH TRUCK
	1630							JOB COMPLETE.
								THANKS #110
								JASON JEFF DAVID