



KANSAS CORPORATION COMMISSION 1054636  
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 #: \_\_\_\_\_  
02/14/2011    02/21/2011    03/03/2011  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-135-25216-00-00  
Spot Description: \_\_\_\_\_  
SW\_NW\_SW\_SW Sec. 25 Twp. 18 S. R. 22  East  West  
880 Feet from  North /  South Line of Section  
80 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Ness  
Lease Name: Witthuhn Unit Well #: 3-26  
Field Name: \_\_\_\_\_  
Producing Formation: Mississippian  
Elevation: Ground: 2142 Kelly Bushing: 2148  
Total Depth: 4223 Plug Back Total Depth: 4222  
Amount of Surface Pipe Set and Cemented at: 1413 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: 24000 ppm Fluid volume: 240 bbls  
Dewatering method used: Hauled to Disposal  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: American Warrior, Inc  
Lease Name: Jensen License #: 4058  
Quarter SE Sec. 27 Twp. 18 S. R. 21  East  West  
County: Ness Permit #: D28235

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: 04/27/2011



1054636

Operator Name: American Warrior, Inc. Lease Name: Witthuhn Unit Well #: 3-26  
 Sec. 25 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 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 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 Receiver Cement Bond	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" 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	1416	SMD	425	1/4# flocele
Production	7.875	5.5	15.5	4222	EA-2	175	1/4# flocele

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	0-2200	SMD	125	1/4# flocele

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
8	4215.5-4221.5		

TUBING RECORD: Size: <u>2.375</u> Set At: <u>4220</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>03/03/2011</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 Bbbs. <u>45</u>	Gas Mcf _____	Water Bbbs. <u>2</u> Gas-Oil Ratio _____ Gravity <u>41</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>4215.5-4221.5</u>
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Witthuhn Unit 3-26
Doc ID	1054636

Tops

Name	Top	Datum
Anhydrite	1402	746
Heebner	3604	-1456
Lansing	3648	-1500
BKC	3968	-1820
Pawnee	4056	-1908
Ft. Scott	4134	-1986
Cherokee	4154	-2006
Mississippian	4213	-2065
TD	4223	-2075



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

TICKET  
**20144**  
 PAGE 1 OF 1

SERVICE LOCATIONS: 1. **NESS CITY, KS.**  
 WELL/PROJECT NO.: LEASE: **WITTHUHN UNIT 3-26** COUNTY/PARISH: **NESS** STATE: **KS.** CITY: **BAZINE, KS.** DATE: **15 FEB 11** OWNER:  
 2. TICKET TYPE:  SERVICE  SALES CONTRACTOR: **PETROMARK DRILLING.** RIG NAME/NO.: SHIPPED VIA: **LOCATION** DELIVERED TO: **LOCATION** ORDER NO.:  
 3. WELL TYPE: **OIL** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **CEMENT 8 5/8** WELL PERMIT NO.: WELL LOCATION: **1W, N IN 20**  
 4. REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		UM	UM				
575		1			MILEAGE #110	20	ML			5.00	100.00
576D		1			Pump CHARGE	1	NOB	1416	PT	1100.00	1100.00
401-8		1			INSERT FLDAT VALUE W/O FILL UP	1	EA.			250.00	250.00
409		1			TURBIDIZERS	4	EA.			90.00	360.00
410		1			TDP PLUG	1	EA.			100.00	100.00
281		1			MWD FLUSH	500	Gal			1.00	500.00
221		1			LIQUID KCL	2	Gal			25.00	50.00
290		1			D-AIR	4	Gal			35.00	140.00
276		1			FLOCELE	107	lbs			1.50	160.50
330		1			SWIFT MULTI DENSITY STANDARD	425	SX			15.00	6375.00
581		1			SERVICE CHARGE CEMENT	425	SX			1.50	637.50
533		1			DRAVAGE	422.97	lbs	422.97	TM	1.00	422.97

**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: **15 FEB 11** TIME SIGNED: **2310**  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	10,195.97
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 type="checkbox"/> YES <input type="checkbox"/> NO			TOTAL	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

SWIFT OPERATOR: *[Signature]* APPROVAL: *[Signature]*

**Thank You!**

**JOB LOG**

**SWIFT Services, Inc.**

DATE 15 FEB 11 PAGE NO. 1

CUSTOMER AMERICAN WARRIOR WELL NO. \_\_\_\_\_ LEASE WITTMANN UNIT 3-26 JOB TYPE CEMENT 8 5/8 TICKET NO. 20144

CHART NO.	TIME	RATE (PPG)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1645							ON LOCATION
	1945							START PIPE 8 5/8 - 23 <sup>LB</sup> RTD @ 1417 SET @ 1416 SHOE JOINT 42.00 CENTRALIZERS 1, 4, 12, 28.
	2128							CIRCULATE.
	2139	6	12		✓		300	Pump 500 GAL MUD FLUSH
	2141	6	20				300	Pump 20 BBL KCL FLUSH
	2143							MIX CEMENT SHUD
		6	46		✓		300	100SX @ 11.8 PPG.
		6	48		✓		300	125SX @ 12.5 PPG.
		6	31		✓		300	100SX @ 13.5 PPG.
		6	26		✓		300	100SX @ 14.5 PPG.
	2216							WASH OUT PUMPING LINES
	2219	6			✓		200	RELEASE PLUG START DISPLACEMENT
	2235	∅	88		✓		600	PLUG DOWN SHUT WELL IN. CIRCULATE CEMENT TO SURFACE
	2238							WASH TRUCK
	2310							JOB COMPLETE
								THANKS #110
								JASON JEFF DAVID



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

TICKET  
20148

PAGE 1 OF 2

SERVICE LOCATIONS 1. NESS CITY, KS	WELL/PROJECT NO. 3-26	LEASE WITTHUHN UNIT	COUNTY/PARISH NESS	STATE KS	CITY BAZINE KS	DATE 21 FEB 11	OWNER
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR PETROMARK DRILLING	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO LOCATION	ORDER NO.	
3.	WELL TYPE OIL	WELL CATEGORY DEVELOPMENT	JOB PURPOSE 5 1/2 LONGSTRING	WELL PERMIT NO.	WELL LOCATION 1W, NINTO		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #110	20	MIL			5.00	100.00
578		1			PUMP CHARGE	1	LSB	4222	FT	1400.00	1400.00
402		1			CENTRALIZERS	5	EA			55.00	275.00
403		1			CEMENT BASKETS	1	EA			200.00	200.00
406		1			LATCH DOWN PLUG / BAFFLE	1	EA			225.00	225.00
407		1			INSERT FLOAT SHOE W/AUTO FILL	1	EA			275.00	275.00
281		1			MUD FLUSH	500	Gal			1.00	500.00
221		1			LIQUID KCL	2	Gal			25.00	50.00
290		1			D-AIR	1 1/2	Gal			35.00	52.50

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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 21 FEB 11 TIME SIGNED 2200  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 1	3077	50
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL	3921	50
WE UNDERSTOOD AND MET YOUR NEEDS?					6999	00
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TAX		
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL		
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO					
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

SWIFT OPERATOR *Jason E. Raaboff* APPROVAL

Thank You!

**JOB LOG**

**SWIFT Services, Inc.**

DATE 21 FEB 11 PAGE NO. 1

CUSTOMER  
AMERICAN WARRIOR

WELL NO.

LEASE  
WITTANN UNIT 3-26

JOB TYPE  
5 1/2 LONGSTRING

TICKET NO.  
20148

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1800							ON LOCATION
	1830							START PIPE 5 1/2 - 15.5" RTD @ 4223 SET @ 4222 SHO JOINT 39.48' CENTRALIZERS 1, 2, 3, 4, 80 BASKET 4
	2004							DROP BALL CIRCULATE
	2033	6	12				300	PUMP 500 GAL 17 1/4" FLUSH
	2035	6	20				300	PUMP 20 BBL KCL FLUSH
	2040		7					PLUG RH (30sx)
	2042	4	35				300	MIX 14/5sx FA 2 @ 15.5ppc
	2055							WASH OUT PUMPING LINES
	2058	6						RELEASE PLUG START DISPLACEMENT
	2115						1500	PLUG DOWN PRESSURE w/ LATCH PLUG IN
	2118							WASH <del>OUT</del> TRUCK
	2145							JOB COMPLETE.
								THANKS #110
								JASON JEFF DAVID WAYNE







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

TICKET  
**20100**  
 PAGE 1 OF 1

SERVICE LOCATIONS: **1. Ness City KS**  
 WELL/PROJECT NO.: **3-24** LEASE: **WITHIN UNIT** COUNTY/PARISH: **NESS** STATE: **KS** CITY: **Bazine** DATE: **25 FEB 11** OWNER:  
 2. TICKET TYPE:  SERVICE  SALES CONTRACTOR: RIG NAME/NO.: SHIPPED VIA: **CT** DELIVERED TO: **location** ORDER NO.:  
 3. WELL TYPE: **0.1** WELL CATEGORY: **Development** JOB PURPOSE: **cement annular** WELL PERMIT NO.: WELL LOCATION: **1-43 north into**  
 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
577		1			Pump Charge	1		ea		850.00	850	00
330		1			SMD cement		125	sk		15.00	1875	00
276		1			floater		50	lb		1.50	75	00
290		1			D-AIR	1		gal		35.00	35	00
581		1			service charge	125		sk		1.50	187	50
582		1			Dryagee (minimum)	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: **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	3322	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 6.3%	125	06
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		TOTAL	3497	56
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

SWIFT OPERATOR: **AB/bll** APPROVAL: **Thank You!**

JOB LOG

SWIFT Services, Inc.

DATE 25 FEB 11 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 3-26 LEASE Withhold Unit JOB TYPE Cement Annulus TICKET NO. 20100

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								125 gal SMD w/ flocc 5 1/2" 8 1/2" cement in 8 1/2" annulus
	1330							on loc TRK 114
	1340		1				500	pressure 5 1/2" casing to 500 psi pump down 8 1/2" Broken head landing
	1420	3	3				400	Repack Broken head inj rate down 8 1/2" 3 bpm @ 400 psi
	1415	3					400	mix SMD cement @ 12.4 ppg
	1435	3	4 1/2				400 350	Kick out close valve - holding 350 psi wash truck Rack up
	1510							job complete  Thanks!  John, Blair, & Dan

# **Geological Report**

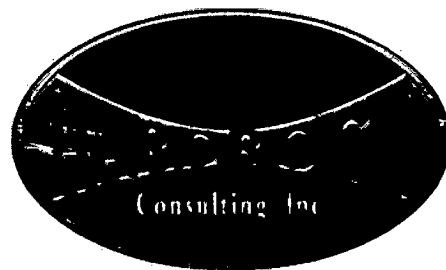
American Warrior, Inc.

**Witthuhn Unit #3-26**

880' FSL & 80' FWL

Sec. 25 T18s R22w

Ness County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Witthuhn Unit #3-26  
880' FSL & 80' FWL  
Sec. 25 T18s R22w  
Ness County, Kansas  
API # 15-135-25216-0000

Drilling Contractor: Petromark Drilling, LLc. Rig #1

Geologist: Jason Alm

Spud Date: February 14, 2010

Completion Date: February 21, 2010

Elevation: 2142' Ground Level  
2148' Kelly Bushing

Directions: Bazine KS, 1 mi. West on Hwy 96, North and East  
into location.

Casing: 1413' 8 5/8" surface casing  
4222' 5 1/2" production casing

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

Drilling Time: 3500' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Mike Roberts"

Problems: None

Remarks: Fluid from DST #1 was circulated into a Vacuum  
Truck, 15 bbl total.

## Formation Tops

Formation	
Anhydrite	1402', +746
Base	1443', +705
Heebner	3604', -1456
Lansing	3648', -1500
BKc	3968', -1820
Pawnee	4056', -1908
Fort Scott	4134', -1986
Cherokee	4154', -2006
Mississippian	4213', -2065
RTD	4223', -2075

American Warrior, Inc.

Witthuhn Unit #3-26

Sec. 25 T18s R22w

880' FSL & 80' FWL

## Sample Zone Descriptions

**Mississippian Osage (4213', -2065):** Covered in DST #1

Dolo - Δ - Fine to medium sucrosic crystalline with good inter-crystalline and vuggy porosity, very heavy chert, triptolitic, weathered with good vuggy porosity, heavy oil stain and saturation, good show of free oil, good odor, excellent yellow cut fluorescents, 135 units hotwire.

**Drill Stem Tests**  
 Trilobite Testing, Inc.  
 "Mike Roberts"

**DST #1**

**Mississippian Osage**

Interval (4180' - 4223') Anchor Length 43'

IHP	- 2129 #	
IFP	- 5" - B.O.B. 1 min.	220-414 #
ISI	- 30" - Built to 2 in.	1331 #
FFP	- 10" - B.O.B. 1 min.	400-632 #
FSI	- 30" - Dead	1330 #
FHP	- 2087 #	
BHT	- 123°F	

Recovery:    189' MCO    70% Oil  
                  1449' GCO    41° API

**Structural Comparison**

<b>Formation</b>	<b>American Warrior, Inc. Witthuhn Unit #3-26 Sec. 25 T18s R22w 880' FSL &amp; 80' FWL</b>	<b>American Warrior, Inc. Witthuhn Unit #2-26 Sec. 26 T18s R22w 140' FSL &amp; 335' FEL</b>	<b>American Warrior, Inc. Witthuhn Unit #1-26 Sec. 26 T18s R22w 2200' FSL &amp; 40' FEL</b>
Anhydrite	<b>1402', +746</b>	1404', +744	1409', +743 <b>(+3)</b>
Base	<b>1443', +705</b>	1447', +701	NA <b>NA</b>
Heebner	<b>3604', -1456</b>	3607', -1459	3602', -1450 <b>(-6)</b>
Lansing	<b>3648', -1500</b>	3653', -1505	3648', -1496 <b>(-4)</b>
BKc	<b>3968', -1820</b>	3969', -1821	3965', -1813 <b>(-7)</b>
Pawnee	<b>4056', -1908</b>	4062', -1914	4054', -1902 <b>(-6)</b>
Fort Scott	<b>4134', -1986</b>	4133', -1985	4129', -1977 <b>(-9)</b>
Cherokee	<b>4154', -2006</b>	4151', -2003	4151', -1999 <b>(-7)</b>
Mississippian	<b>4213', -2065</b>	4213', -2065	4220', -2068 <b>(+3)</b>

## **Summary**

The location for the Witthuhn Unit #3-26 was found via 3-D seismic survey. The new well ran structurally higher than expected via the survey. One drill stem test was conducted which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the Witthuhn Unit #3-26 well.

## **Recommended Perforations**

<b>Mississippian Osage:</b>	<b>(4213' – 4222')</b>	<b>DST #1</b>
-----------------------------	------------------------	---------------

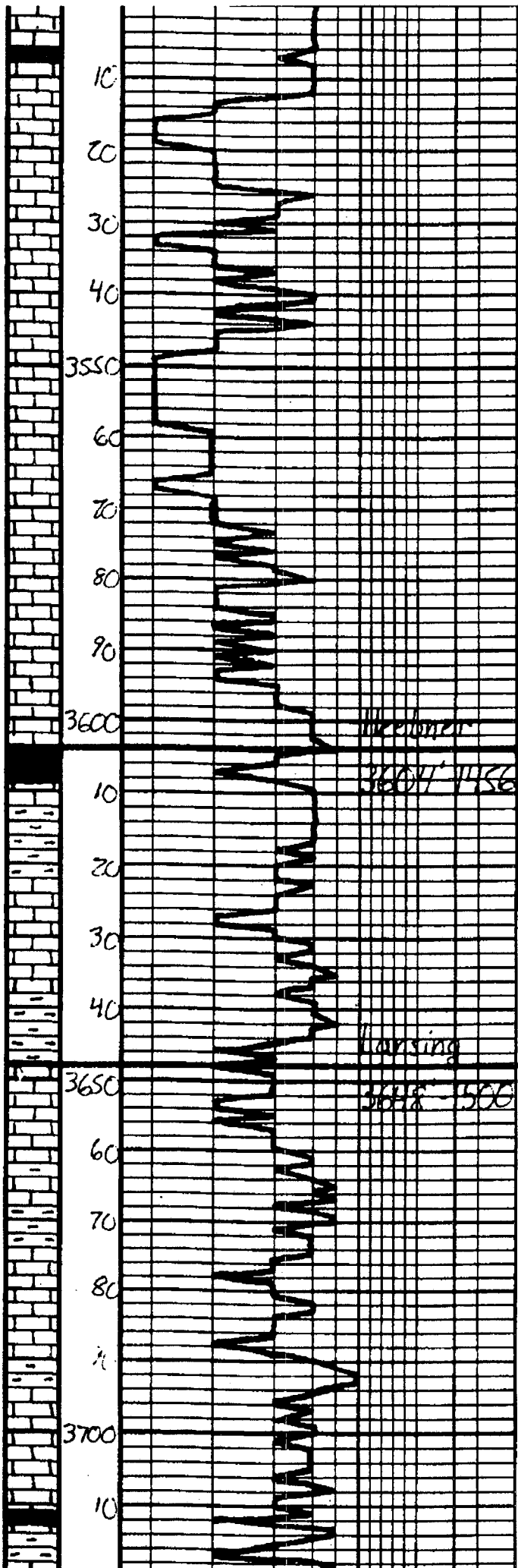
Respectfully Submitted,

Jason Alm  
Hard Rock Consulting, Inc.

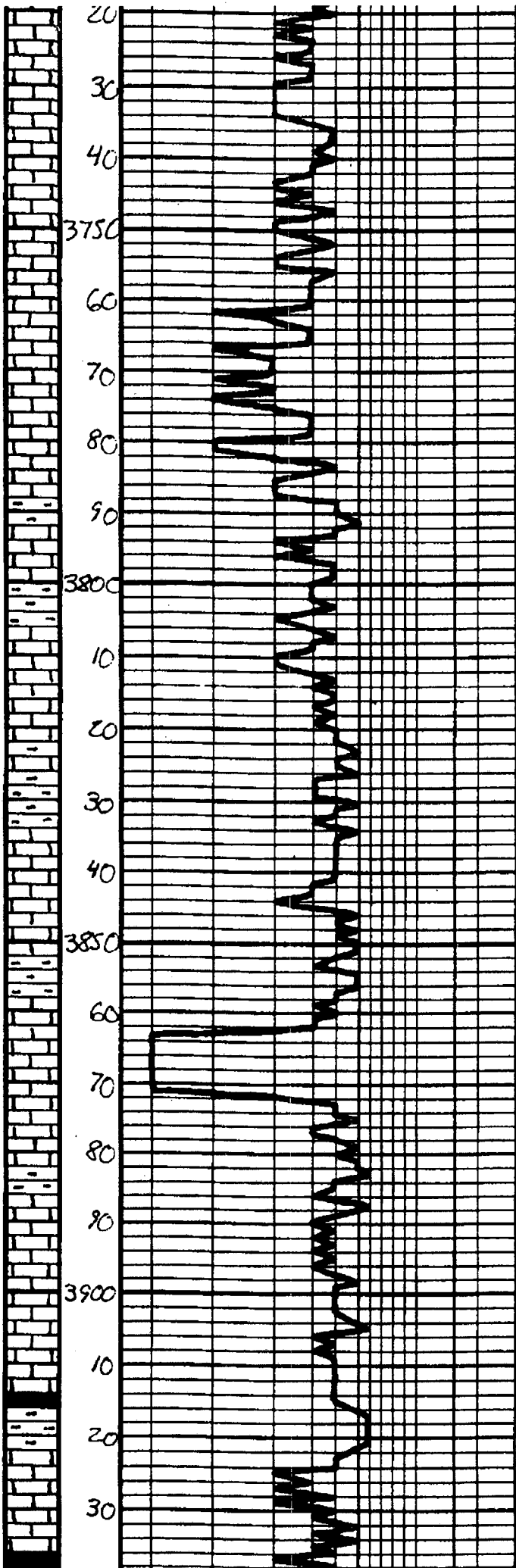






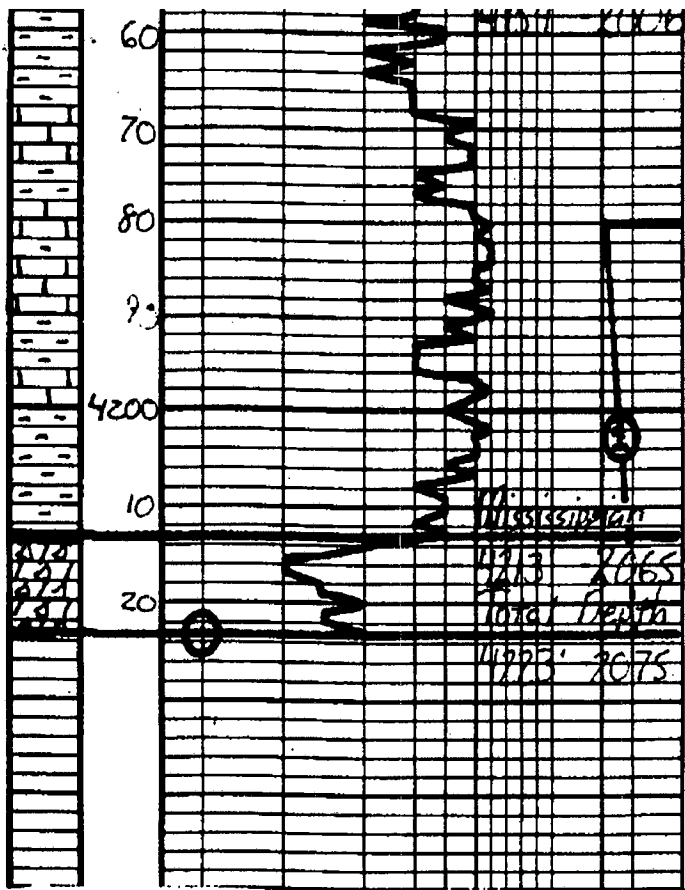


Sh - Dark Gray	Geo on location 10:00 a.m. 2-19-2011
Ls - Tan - Lt Gray, Earthy Mottled, Barren	
Ls - a/c	
Ls - Tan - Lt Gray, Earthy Mottled, Barren	
Ls - a/c	
Ls - a/c	
Ls - a/c	
Sh - Blk. Leds, Fossil	
Sh - Gray - Bla - Green	
Ls - Off-white - Lt Gray, Earthy w/ blue - fair interbedding Barren	
Sh - Gray - Bla - Green	
Ls - Tan - Lt Gray, Earthy w/ blue - fair - fair comp. Barren	
Sh - Gray - Bla	
Ls - Off-white - Tan - Earthy w/ blue - fair - fair interbedding Barren	
Sh - Gray - Bla	
Ls - Off-white - Lt Gray, Earthy w/ blue - fair - fair comp. Barren	
Sh - Dark Gray - Blk	

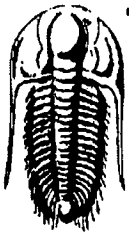


15. Tan. Lt. Gray, Fa. Subula DMS. St. Col.	
15. alc. Massy DMS	
15. alc	
15. Off-white Lt. Gray, Fa. Subula Col. w/ Fair conc. of Baccina	
15. alc w/ Poor col. of	
15. alc w/ ext. poor calc. of Baccina	
15. Tan. Lt. Gray, Fa. Subula w/ poor conc. of Baccina	
Sh. Gray - Ben	
15. Tan. Lt. Gray, Fa. Subula St. Col. Massy DMS	
Sh. Gray - Ben	
15. Off-white Lt. Gray, Fa. Subula Col. w/ St. Col. w/ conc. of Baccina	
Sh. Gray - Ben	
15. Tan. Lt. Gray, Fa. Subula Col. w/ Poor conc. of Baccina	
15. alc	
Sh. Dk. Gray	
15. Tan. Lt. Gray, Fa. Subula w/ Poor conc. of Baccina	





	DUS 1 min.
Sh. Gray-Ben-Loc	ISI 1331# BHT to 2in.
LS-Tan-Gray-St. Med. Black, DWS	FF 400-632# 30R 1 min
LS-ale	FSI 1330# DEAD
Sh-Gray-Ben	FN 2087# BHT 123°F
	Recovery: 1638' TF
	189' NICE 70% P.I
	1449' CGO 41% P.I
Sh-Gray-Ben-Loc, D-Whit-Yel	
DWS Data: DWS in Ben. For Med. recovery x in well bench category & recovery of 100% = 100% of total weight. Heavy oil at 1000' LSPD. Est. Gas Flow.	
	Respectfully, Jason H. 2-22-2011



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior, Inc.  
 3118 Cummings Road  
 Garden City KS 67846  
 ATTN: Jason Alm

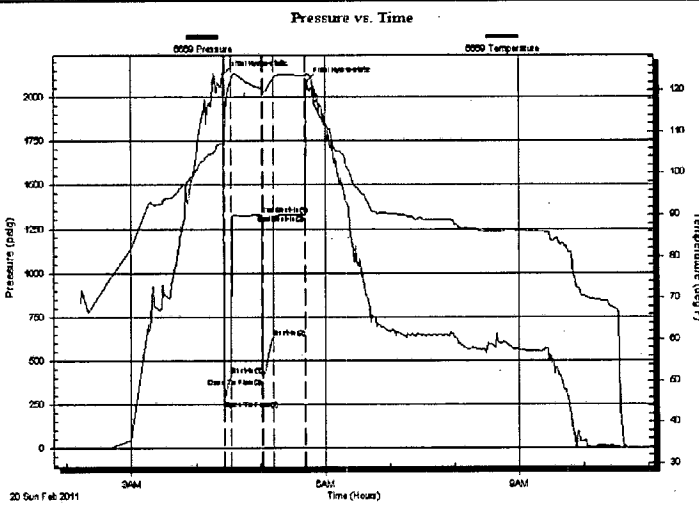
**Witthuhn Unit #3-26**  
**25-18-22 Ness Co KS**  
 Job Ticket: 040688      **DST#: 1**  
 Test Start: 2011.02.20 @ 02:13:15

## GENERAL INFORMATION:

Formation: **Miss**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: 04:26:00  
 Time Test Ended: 10:40:00  
 Interval: **4180.00 ft (KB) To 4223.00 ft (KB) (TVD)**  
 Total Depth: **4223.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Mike Roberts**  
 Unit No: **48**  
 Reference Elevations: **2148.00 ft (KB)**  
**2142.00 ft (CF)**  
 KB to GR/CF: **6.00 ft**

**Serial #: 6669**      **Outside**  
 Press@RunDepth: **632.42 psig @ 4218.00 ft (KB)**      Capacity: **8000.00 psig**  
 Start Date: **2011.02.20**      End Date: **2011.02.20**      Last Calib.: **2011.02.21**  
 Start Time: **02:13:15**      End Time: **10:40:00**      Time On Btm: **2011.02.20 @ 04:25:45**  
 Time Off Btm: **2011.02.20 @ 05:43:15**

**TEST COMMENT:** IF:BOB in 1 min  
 IS:Return blow built to 2" blow  
 FF:BOB in 1 min.  
 FS:No return blow



## PRESSURE SUMMARY

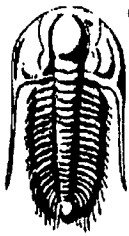
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2129.71	107.31	Initial Hydro-static
1	220.06	106.97	Open To Flow (1)
7	414.62	122.49	Shut-In(1)
36	1330.80	120.37	End Shut-In(1)
37	400.52	120.10	Open To Flow (2)
46	632.42	122.47	Shut-In(2)
76	1329.96	123.47	End Shut-In(2)
78	2087.18	124.06	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
189.00	mco 30% m 70% o	1.54
1449.00	0 100% o	20.33

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior, Inc.

**Withuhn Unit #3-26**

3118 Cummings Road  
Garden City KS 67846

**25-18-22 Ness Co KS**

Job Ticket: 040688

**DST#: 1**

ATTN: Jason Alm

Test Start: 2011.02.20 @ 02:13:15

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5200.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
189.00	mco 30% m 70% o	1.540
1449.00	0 100% o	20.326

Total Length: 1638.00 ft      Total Volume: 21.866 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

