



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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

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



1054636

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

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

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 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> 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
_____ 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 Bbls.	Gas Mcf	Water Bbls.	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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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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



**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

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

Interval: 4180.00 ft (KB) To 4223.00 ft (KB) (TVD)

Reference Elevations: 2148.00 ft (KB)

Total Depth: 4223.00 ft (KB) (TVD)

2142.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 6669 Outside

Press @ Run Depth: 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

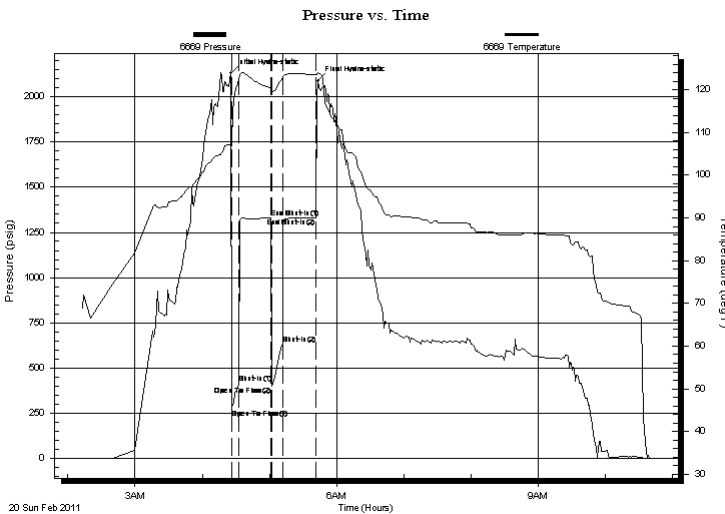
End Time: 10:40:00

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.

Witthuhn 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 in³

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	o 100% o	20.326

Total Length: 1638.00 ft Total Volume: 21.866 bbl

Num Fluid Samples: 0

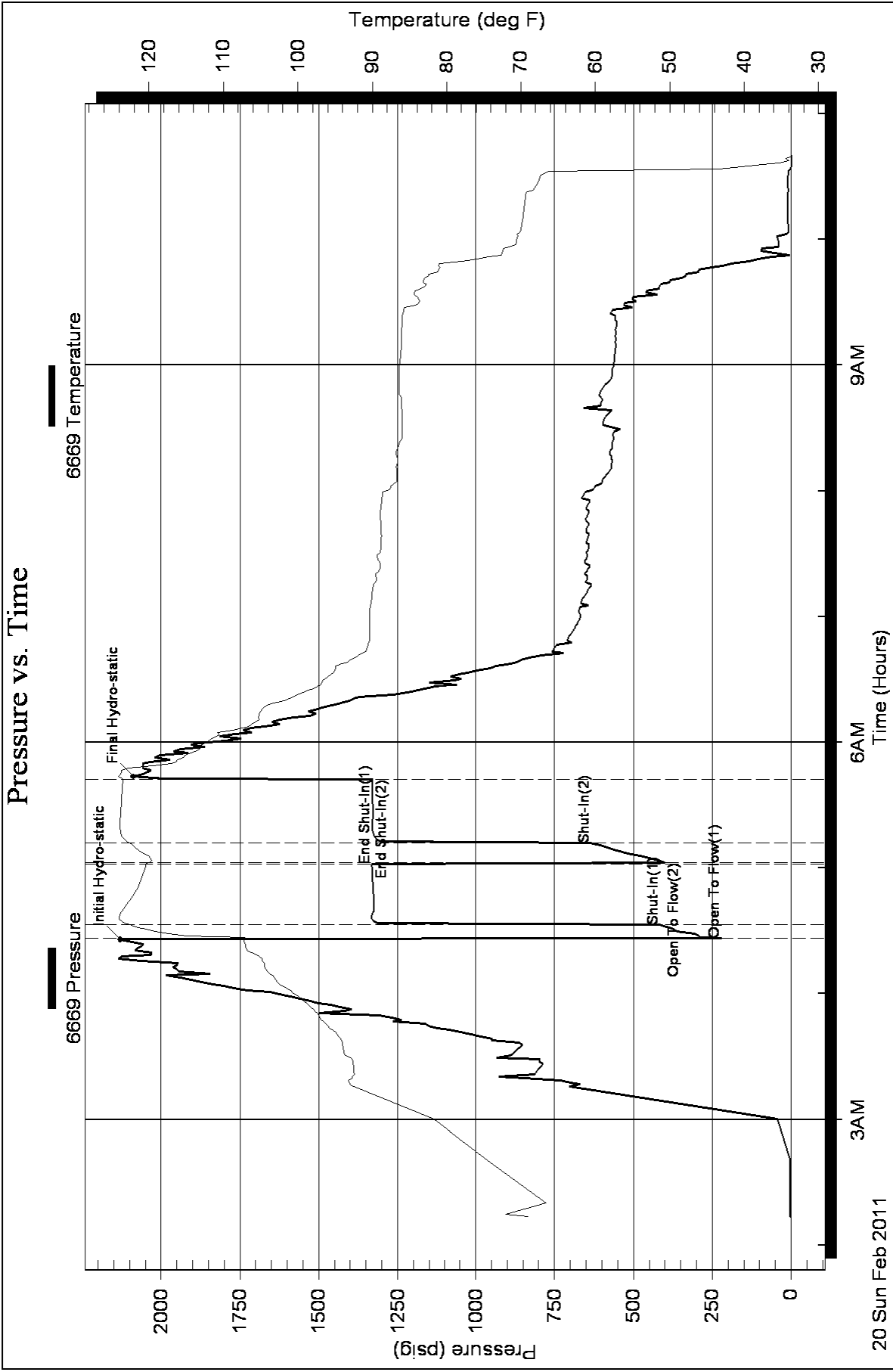
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





Services, Inc.

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

TICKET 20144

PAGE 1 OF 1

SERVICE LOCATIONS
1. NESS CITY, KS.

WELL/PROJECT NO. WITTHANN UNIT 3-26
LEASE COUNTY/PARISH NESS
RIG NAME NO. NESS

TICKET TYPE CONTRACTOR PETROMARK DRILLING
 SERVICE
 SALES

WELL TYPE DIL WELL CATEGORY DEVELOPMENT JOB PURPOSE CEMENT 85K

STATE CITY BAZINE, KS
SHIPPED VIA DELIVERED TO LOCATION
WELL PERMIT NO. WELL LOCATION WVN 1550

DATE 15 FEB 11 ORDER NO.

OWNER

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #11D	20	MI			5.00	100.00
576D					Pump CHARGE					1100.00	1100.00
401-8					INSERT FLOAT VALVE W/10 FILL UP	1EA		1416	FT	250.00	250.00
409					TURBOCHARGERS	4EA.				90.00	360.00
411D					TDP PLUG	1EA				100.00	100.00
281					MUD FLUSH	500	GA.			1.00	500.00
281					LUBRIC OIL	2	GA.			25.00	50.00
290					D-AIR	4	GA.			35.00	140.00
276					ECCOLE	107	lbs			1.50	160.50
330					SWIFT MULTI DENSITY STANDARDS	485	5x			15.00	6375.00
581					SERVICE CHARGE CEMENT	485	5x			1.50	6375.00
583					DRAPAGE	422	971	lb	422.97	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

DATE SIGNED 15 FEB 11 TIME SIGNED 2:31 P.M.

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

SURVEY

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?
ARE YOU SATISFIED WITH OUR SERVICE?

AGREE UN-DECIDED DIS-AGREE

YES NO

PAGE TOTAL	10,195	47
TAX		
TOTAL		

SWIFT OPERATOR: [Signature]

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: [Signature]

APPROVAL: [Signature]

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 15 FEB 11 PAGE NO. 7

CUSTOMER AMERICAN WARREN WELL NO. LEASE WITTHANN UNIT 3-26 JOB TYPE CEMENT 8 5/8 TICKET NO. 20144

CHART NO.	TIME	RATE (BPM)	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' LB 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 SHHO
		6	46		✓		300	100sx @ 11.8ppg.
		6	48		✓		300	125sx @ 12.5ppg.
		6	31		✓		300	100sx @ 13.5ppg.
		6	26		✓		300	100sx @ 14.5ppg.
	2216							WASH OUT PUMPING LINES
	2219	6			✓		200	RELEASE PLUG START DISPLACEMENT
	2235	7	88		✓		600	PLUG DOWN SHUT WELL IN CIRCULATE CEMENT TO SURFACE
	2238							WASH TRUCK
	2310							JOB COMPLETE
								THANKS #110
								JASON JEFF DAVID



Services, Inc.

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

TICKET 20148

PAGE 1 OF 2

SERVICE LOCATIONS
 1. MISSOURI, KS
 2. MISSOURI, KS
 3. MISSOURI, KS
 4. MISSOURI, KS

WELL PROJECT NO. 3-26
 LEASE WITHHOLD UNIT
 CONTRACTOR PETROMARK DRILLING
 RIG NAME: NESS
 WELL TYPE OIL
 WELL CATEGORY DEVELOPMENT
 JOB PURPOSE 1 SA LONG STRING
 STATE KS
 CITY BARZINE KS.
 DATE 2/15/81
 ORDER NO.
 WELL PERMIT NO.
 WELL LOCATION W/INTO

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE BILL	20	MI			5.00	100.00
575					PUMP CHANGE	1	EA	4332	FT	1400.00	1400.00
402					CENTRALIZERS	5	EA			275.00	1375.00
403					GENERAL BASKETS	1	EA			200.00	200.00
406					LATCH DOWN PLUG / Baffle	1	EA			225.00	225.00
407					INSERT FLOAT SHOE W/AUTO FILL	1	EA			275.00	275.00
281					MUD FLUSH	500	Gal			1.00	500.00
221					KIDNAP KEY	2	EA			25.00	50.00
290					D-AIR	1 1/2	EA			37.00	52.50

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

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	PAGE 2	TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?						3077
WE UNDERSTOOD AND MET YOUR NEEDS?						3921
OUR SERVICE WAS PERFORMED WITHOUT DELAY?						6999
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						
TAX						
TOTAL						

DATE SIGNED 2/15/81 TIME SIGNED 12:00 P.M.
 SWIFT OPERATOR James S. Roubert APPROVAL
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES
 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 LONG STRING

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 SHOE JOINT 39.48' CENTRALIZERS 1, 2, 3, 4, 80 BASKET 4
	2004							DROP BALL CIRCULATE
	2033	6	12				300	PUMP 500 GAL MUD FLUSH
	2035	6	20				300	PUMP 20 BBL KCL FLUSH
	2040		7					PLUG RH (30sx)
	2042	4	35				300	MIX 145sx FA2 @ 15.5 ppc
	2055							WASH OUT PUMPING LINES
	2058	6						RELEASE PLUG START DISPLACEMENT
	2115						1500	PLUG DOWN PRESSURE w/ LATCH PLUG IN
	2118							WASH OUT TRUCK
	2145							JOB COMPLETE.
								THANKS #110
								JASON, JEFF, DAVID, WAYNE.



Services, Inc.

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

TICKET 20100

PAGE 1 OF 1

SERVICE LOCATIONS: New Liberty KS WELL/PROJECT NO.: 3-24 LEASE: WITTHORN UNIT COUNTY/PARISH: NASS STATE: KS CITY: Bazima DATE: 25 FEB 11 OWNER: 1-42 Northgate

TICKET TYPE: SERVICE SALES CONTRACTOR: Development RIG NAME/NO.: Development SHIPPED: W/ET DELIVERED TO: Location ORDER NO.: 1-42 Northgate

WELL TYPE: 0-1 WELL CATEGORY: Development JOB PURPOSE: Cement Annular Seal WELL PERMIT NO.: 1-42 Northgate

4. REFERRAL LOCATION: INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575												
577												
330					Pump Charge		20	mi			5.00	100.00
276					5MD annular		1	ea			950.00	850.00
290					flocube						15.00	1875.00
581					D-AIR		1	gal			35.00	75.00
582					Service charge		1	hr			150	35.00
					Dryer (minimum)		1	ea			200.00	187.50
												250.00

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

DATE SIGNED: Scott TIME SIGNED: 1:00 A.M. P.M.

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

SURVEY: 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? ARE YOU SATISFIED WITH OUR SERVICE? CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 3372.50

TOTAL: 3497.50

TAX: 7.25
6.3%

125.06

3497.50

APPROVAL: ARL 11

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: ARL 11

SWIFT OPERATOR: ARL 11

Thank You!

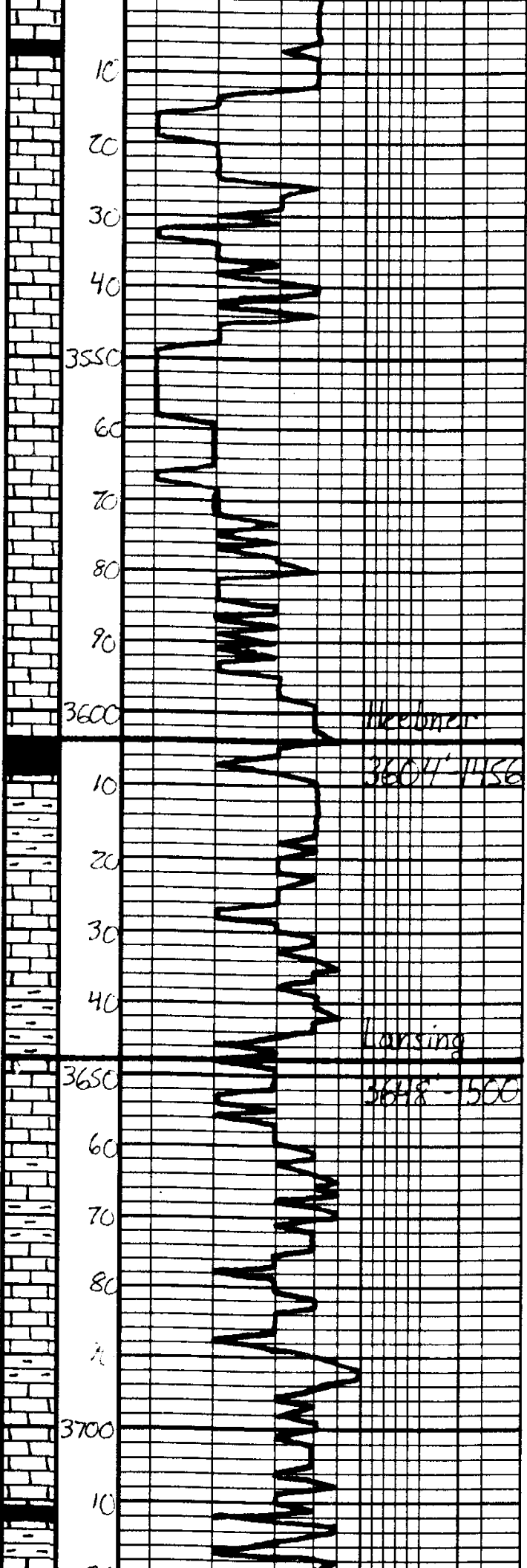
JOB LOG

SWIFT Services, Inc.

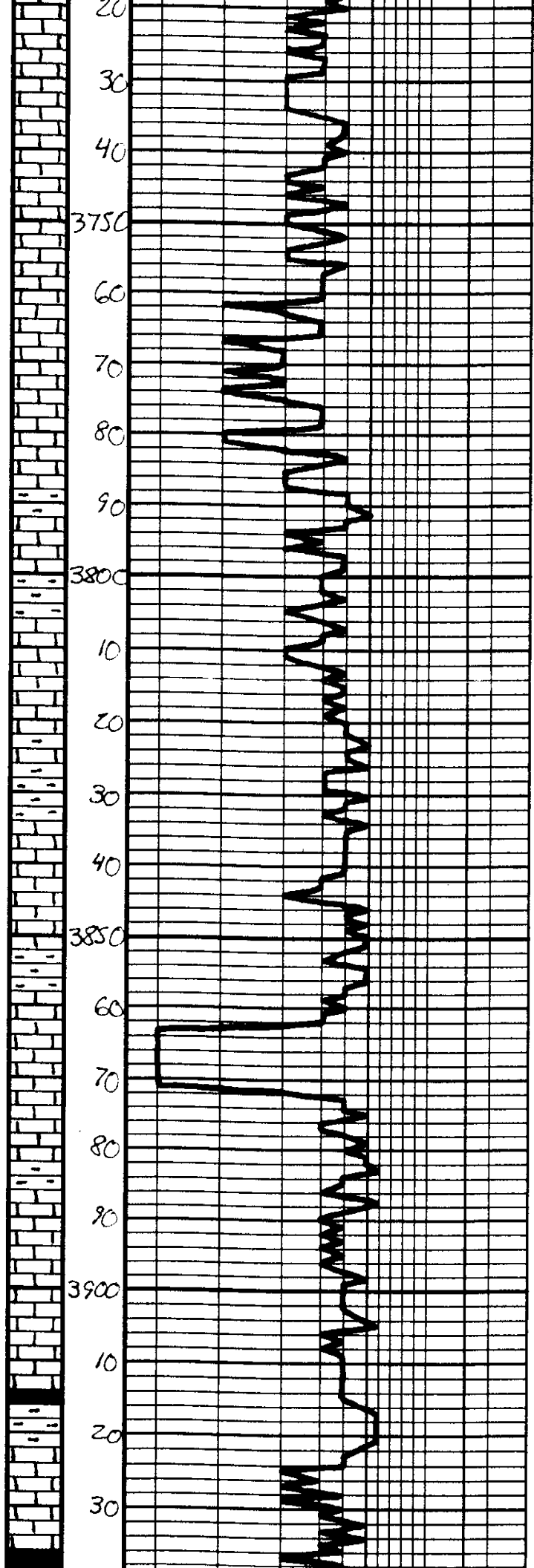
DATE 25 FEB 11 PAGE NO.

CUSTOMER American Warrior WELL NO. 3-26 LEASE Withhorn 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" Braden head leaking
	1400	3	3				400	Repack Braden head inj rate down 8 1/2" 3 bpm @ 400 psi
	1415	3					400	mix SMD cement @ 12.4 ppg
	1435	3	48				400 350	Kick out close valve - holding 350 psi wash truck Rack up
	1510							job complete Thanks! John Blair & Dan



Sh - Ddk Gray	Geo. on location 10:00 a.m. 2-19-2011
Ls - Tan - Lt Gray, Fx xln Mottled, barren	
Ls - etc	
Ls - Tan - Lt Gray, Fx xln Mottled, barren	
Ls - etc	
Ls - etc	
Sh - Bk Carb, Fossil	
Sh - Gray - Ben - Green	
Ls - Offwh - Lt Gray, Fx xln w/ fine fair interbed of Barren	
Sh - Gray - Ben - Green	
Ls - Tan - Lt Gray, Fx xln w/ fine fair interbed of Barren	
Sh - Gray - Ben	
Ls - Offwh - Tan - Fx xln w/ fine fair interbed of Barren	
Sh - Gray - Ben	
Ls - Offwh - Lt Gray, Fx xln w/ fine fair interbed of Barren	
Sh - Ddk Gray - Bk	



Ls. Tan-Lt Gray, Fa. Subalga
DMS. sl. Col.

Ls. alc. Mostly DMS

Ls. alc

Ls. Dk. Lt. Gray, Fa. slg.
Col. w/ Fair com. of Baccan

Ls. alc w/ Poor col. of

Ls. alc w/ ext. poor calc. of
Baccan

Ls. Tan-Lt Gray, Fa. slg. Col.
w/ poor com. of Baccan

Sh. Gray-Bcn

Ls. Tan-Lt Gray, Fa. Subalga
sl. Col. Mostly DMS

Sh. Gray-Bcn

Ls. Dk. Lt. Gray, Fa. Subalga
Col. DMS w/ lower com. of
Baccan

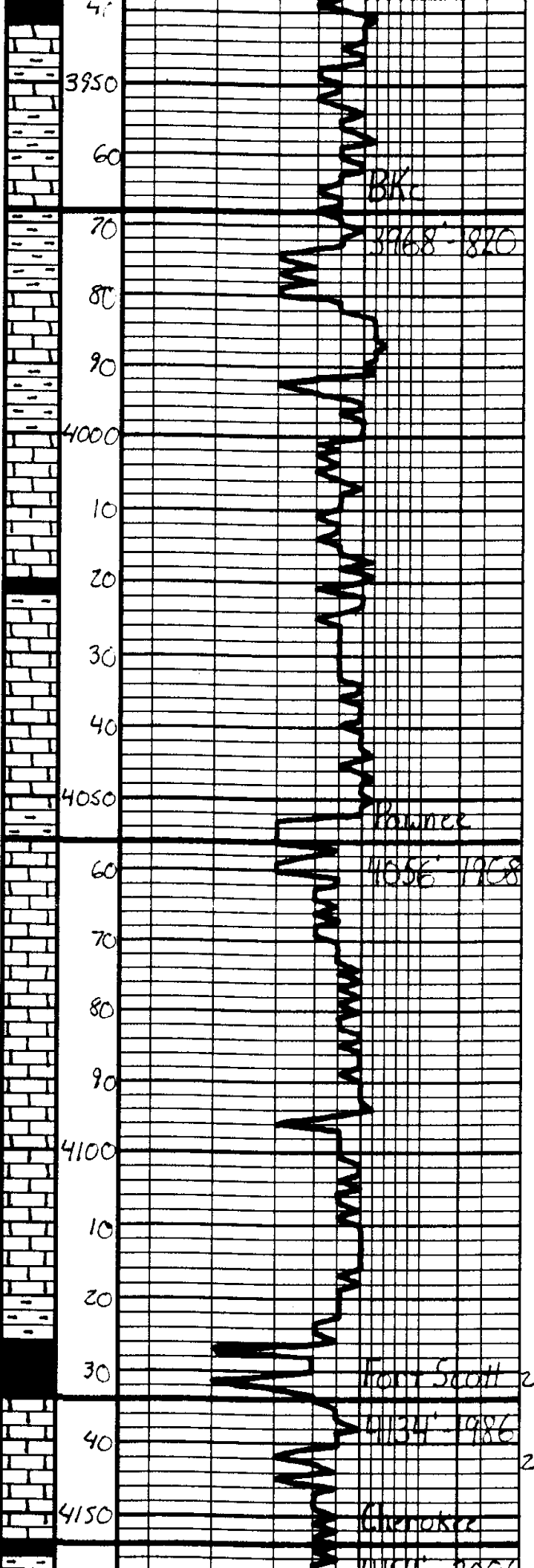
Sh. Gray-Bcn

Ls. Tan-Lt Gray, Fa. Subalga
Col. w/ Poor calc. com. of
Baccan

Ls. alc

Sh. Dk Gray

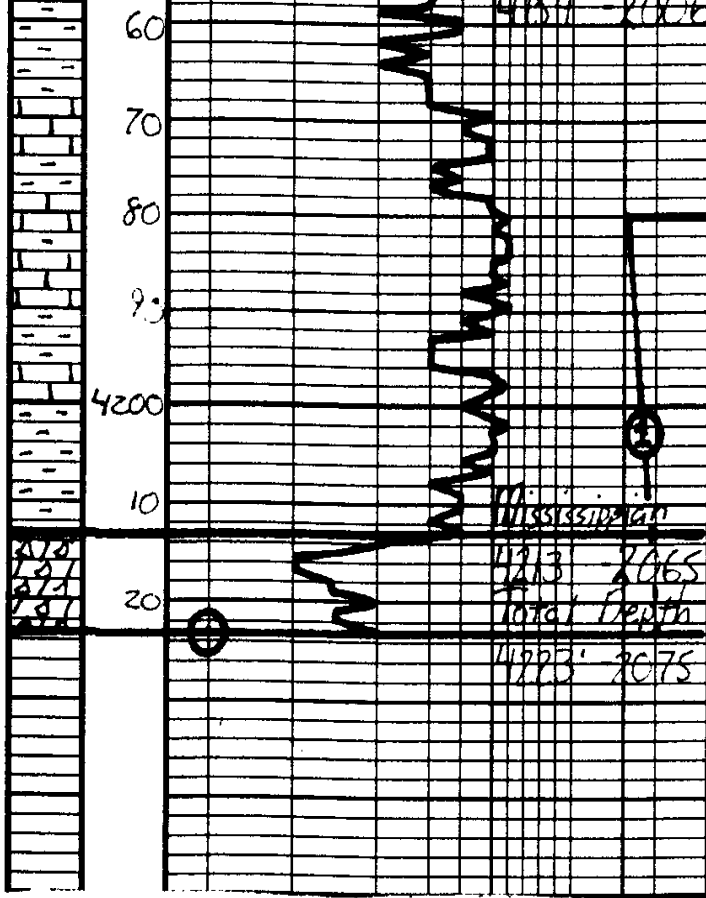
Ls. Tan-Lt Gray, Fa. slg. Col.
w/ Poor com. calc. of
Baccan



Sh. Tan. Grey. Substr. DNS
 LS - a/o
 Sh. Grey - Bas. Green
 LS - Tan - Lt. Grey. Substr. DNS
 Sh. Grey - Bas
 LS - Off-white to tan. Ep. Substr. w/ blue calc. & Lt. Sand. Sh. Grey. Musty, DNS, Brown & White
 Sh. Dk. Grey
 LS - Tan - Lt. Grey. Substr. DNS & White - Grey
 LS - a/o
 Sh. Grey - Green
 LS - Lt. Grey. Substr. DNS & White
 LS - a/o
 LS - a/o
 LS - Grey. Substr. DNS
 Sh. Grey - Dk. Grey
 Sh. BKc, Carb.
 LS - Off-white - Lt. Grey. Ep. Substr. w/ blue calc. & Lt. Sand. Sh. Grey. Musty, DNS, Brown & White
 Sh. Dk. Grey

DST #1
 Mississippian
 4180' - 4223'
 S° 30' 10" 30"

TH 2130#
 IF 220' 415#
 8012



Sh - Gray - Ben - Green	ISI 1331# Built to 2in.
IS - Tan - Gray - Sl. M. Black, NWS	FF 400-632# 30B 7 min
IS - o/s	FSI 1330# Dead
Sh - Gray - Ben	FH 2087# BHT 123°F
Sh - Gray - Ben - Green, A - Whit - Yel	Recovery: 1638' TF 189' MISC 70% P.I. 1449' CGO 41% API
AV - Data - Offshore - Ben - Fair - Med Secondary x/m. just back entering large d. A - Heavy - 1200' w/ 6000' primary Heavy oil at sat. GSPD Enc. Cut Fluid	
Respectfully, Jason H. 2-22-2011	

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

	American Warrior, Inc.
	Witthuhn Unit #3-26
	Sec. 25 T18s R22w
	880' FSL & 80' FWL
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

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

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

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

Mississippian Osage:	(4213' – 4222')	DST #1
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Respectfully Submitted,

Jason Alm
Hard Rock Consulting, Inc.