



KANSAS CORPORATION COMMISSION 1054489  
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: NCRA

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 #: \_\_\_\_\_

<u>11/26/2010</u>	<u>12/03/2010</u>	<u>01/07/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-135-25105-00-00

Spot Description: \_\_\_\_\_

NE SE SW SE Sec. 13 Twp. 19 S. R. 22  East  West  
569 Feet from  North /  South Line of Section  
1,454 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Ness

Lease Name: Schvien Well #: 4-13

Field Name: \_\_\_\_\_

Producing Formation: Mississippian

Elevation: Ground: 2207 Kelly Bushing: 2213

Total Depth: 4341 Plug Back Total Depth: 4339

Amount of Surface Pipe Set and Cemented at: 223 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 1437 Feet

If Alternate II completion, cement circulated from: 1437

feet depth to: 0 w/ 110 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 26000 ppm Fluid volume: 200 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: NAOMI JAMES Date: 04/22/2011



1054489

Operator Name: American Warrior, Inc. Lease Name: Schwien Well #: 4-13  
 Sec. 13 Twp. 19 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  Yes  No  
*(Attach Additional Sheets)*

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No

Electric Log Submitted Electronically  Yes  No  
*(If no, Submit Copy)*

List All E. Logs Run:

Dual Induction, Dual Compensated Porosity  
 Dual Receiver Cement Bond

Log Formation (Top), Depth and Datum  Sample

Name Top Datum  
 Attached Attached Attached

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	223	Common	150	2% gel, 3% CC
Production	7.875	5.5	15.5	4340	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	0-1437	SMD	110	1/4# flocele

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
8	4312-4322 & 4328.5-4338.5		

TUBING RECORD: Size: 2.375 Set At: 4325 Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: 01/07/2011 Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

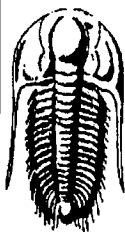
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	20		4		39

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>4312-4322</u> <u>4328.5-4338.5</u>
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Schwien 4-13
Doc ID	1054489

Tops

Name	Top	Datum
Anhydrite	1444	769
Heebner	3683	-1470
Lansing	3732	-1519
BKC	4061	-1848
Pawnee	4142	-1929
Ft. Scott	4218	-2005
Cherokee	4238	-2025
Mississippian	4310	-2097
TD	4341	-2128



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

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

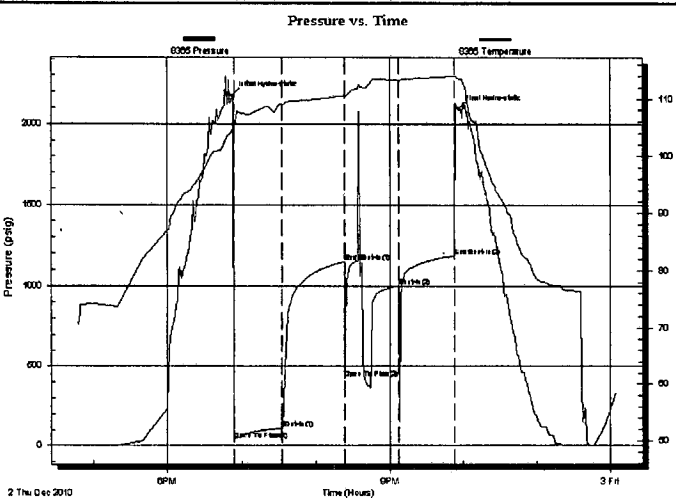
**Schwieen 4-13**  
**13-19-22/Ness**  
 Job Ticket: 40943      **DST#: 1**  
 Test Start: 2010.12.02 @ 16:48:01

## GENERAL INFORMATION:

Formation: **Miss**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 18:53:26  
 Time Test Ended: 00:04:55  
 Interval: **4271.00 ft (KB) To 4338.00 ft (KB) (TVD)**  
 Total Depth: 4338.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition:  
 Test Type: Conventional Bottom Hole  
 Tester: Brian Fairbank  
 Unit No: 41  
 Reference Elevations: 2213.00 ft (KB)  
 2207.00 ft (CF)  
 KB to GR/CF: 6.00 ft

**Serial #: 8365      Outside**  
 Press@RunDepth: 998.45 psig @ 4277.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2010.12.02      End Date: 2010.12.03      Last Calib.: 2010.12.03  
 Start Time: 16:48:01      End Time: 00:04:55      Time On Btm: 2010.12.02 @ 18:51:56  
 Time Off Btm: 2010.12.02 @ 21:55:55

**TEST COMMENT:** IFP - BOB 29 min  
 ISI - 1/4" blow back  
 FFP - 1/2" blow - died 9 min - flush tool - 1/2" - 3 1/2" blow  
 FSI - no blow back



## PRESSURE SUMMARY

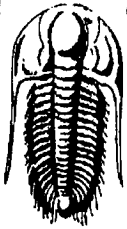
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2176.08	104.48	Initial Hydro-static
2	40.33	104.26	Open To Flow (1)
41	109.36	109.03	Shut-In(1)
91	1149.09	110.54	End Shut-In(1)
92	422.26	110.13	Open To Flow (2)
136	998.45	113.36	Shut-In(2)
181	1183.96	113.99	End Shut-In(2)
184	2094.54	113.61	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	GHOCM 20%G, 30%O, 50%M	0.15
90.00	OCM 20%O, 80%M	0.44
55.00	FREE OIL 95%O, 5%M	0.76
0.00	125' GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

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

**Schwien 4-13**  
**13-19-22/Ness**  
Job Ticket: 40943      **DST#: 1**  
Test Start: 2010.12.02 @ 16:48:01

**Mud and Cushion Information**

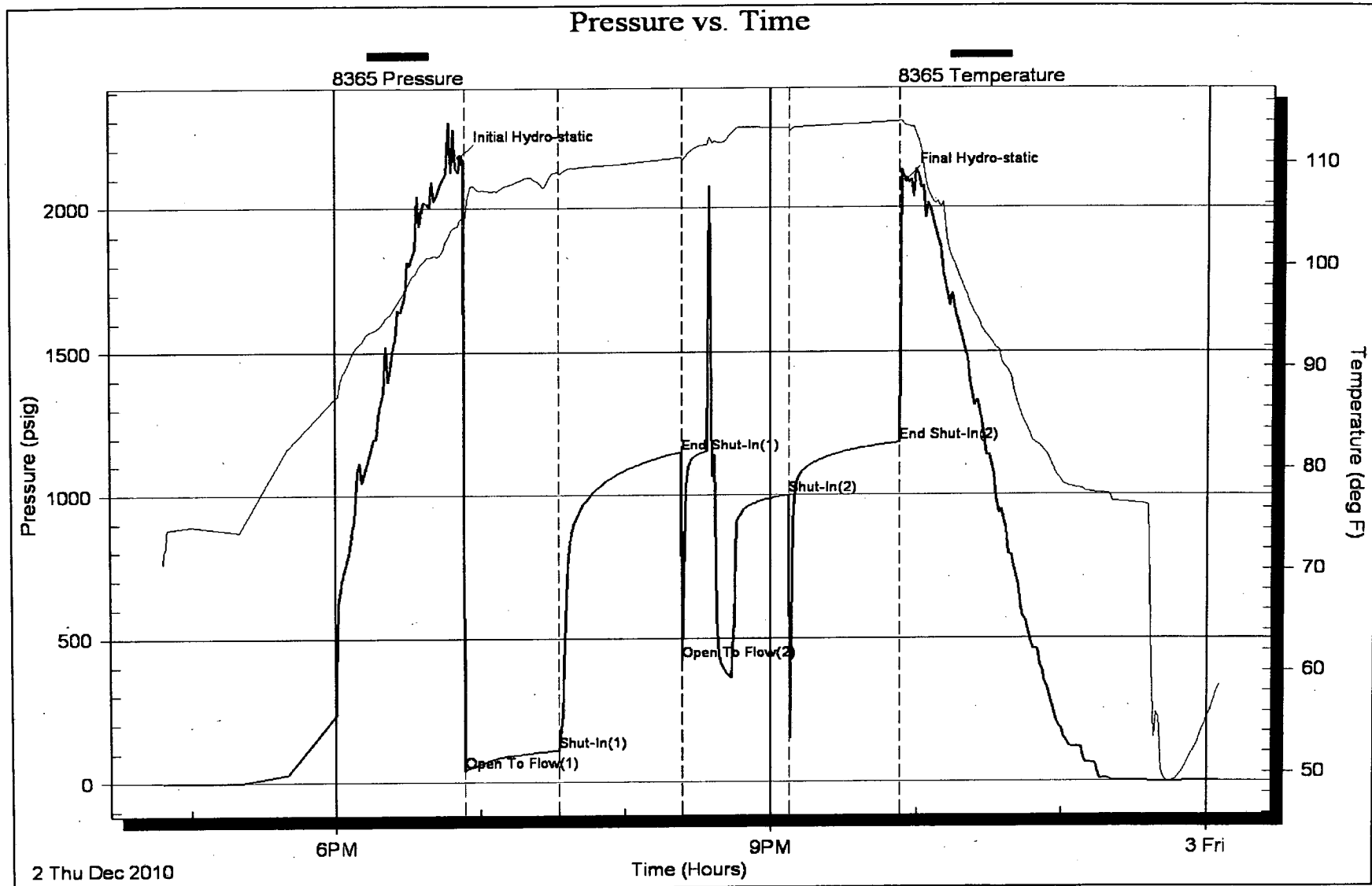
Mud Type: Gel Chem	Cushion Type:	Oil API:	37 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.97 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4900.00 ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
30.00	GHOCM 20%G, 30%O, 50%M	0.148
90.00	OCM 20%O, 80%M	0.443
55.00	FREE OIL 95%O, 5%M	0.762
0.00	125' GIP	0.000

Total Length: 175.00 ft      Total Volume: 1.353 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:





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

TICKET  
**19862**

PAGE 1 OF 1

1. SERVICE LOCATIONS <u>NESS CITY, KS</u>	WELL/PROJECT NO.	LEASE <u>SCHUYEN 4-13</u>	COUNTY/PARISH <u>NESS</u>	STATE	CITY <u>BAZINE, KS.</u>	DATE <u>26 Nov 10</u>	OWNER
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>PETROMARK DRILLING.</u>	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO <u>LOCATION.</u>	ORDER NO.	
3.	WELL TYPE <u>OIL</u>	WELL CATEGORY <u>DEVELOPMENT</u>	JOB PURPOSE <u>CEMENT 4 5/8</u>	WELL PERMIT NO.	WELL LOCATION <u>4S, 13W N 10.</u>		
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	mi			5 <sup>00</sup>	100 <sup>00</sup>
576S		1			Pump CHARGE	1	HR	223		750 <sup>00</sup>	750 <sup>00</sup>
279		1			BENTONITE GEL	3	SK	300	lbs	25 <sup>00</sup>	75 <sup>00</sup>
325		1			STANDARD CEMENT	150	SK			12 <sup>00</sup>	1800 <sup>00</sup>
581		1			SERVICE CHARGE CEMENT	150	SK			1 <sup>50</sup>	225 <sup>00</sup>
582		1			MINIMUM DRAVAGE	14400	lbs	144.00	TM	250 <sup>00</sup>	250 <sup>00</sup>

**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 Cody Roach  
 DATE SIGNED 26 Nov 10 TIME SIGNED 2:30  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	<u>3200</u> <sup>00</sup>
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					

SWIFT OPERATOR [Signature] APPROVAL \_\_\_\_\_

Thank You!

**JOB LOG**

**SWIFT Services, Inc.**

DATE: 2/10/10 PAGE NO. 7

CUSTOMER: AMERICAN WARRIOR

WELL NO.

LEASE: SCHWEN 4-13

JOB TYPE: CEMENT 8 5/8

TICKET NO. 19662

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1945							ON LOCATION
								START PIPE 8 5/8 - 23'
								RTD 223 SET @ 223'
	2045							CIRCULATE
	2055	4 1/2	36		✓		200	MIX 150 S. @ STD @ 14.7ppg
	2106	3	13		✓		200	DISPLACE CEMENT SHUT WELL IN @ 2110
	2115							CIRCULATE CEMENT TO SURFACE WASH TRUCK
	2130							JOB COMPLETE
								THANKS B110
								JASON, JEFF JOHN





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

TICKET  
 19343

PAGE 1 OF

SERVICE LOCATIONS 1. <i>Hayes, KS</i> 2. <i>Ness City, KS</i>	WELL/PROJECT NO. <i>4-13</i>	LEASE <i>Schwinn</i>	COUNTY/PARISH <i>NASS</i>	STATE <i>KS</i>	CITY	DATE <i>12-3-10</i>	OWNER
TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Petro-1160</i>	RIG NAME/NO.	SHIPPED VIA <i>17</i>	DELIVERED TO <i>S/BGEIN, KS</i>	ORDER NO.		
WELL TYPE <i>D/I</i>	WELL CATEGORY <i>in field</i>	JOB PURPOSE <i>Cement 5 1/2" Longstring</i>	WELL PERMIT NO.	WELL LOCATION			
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.	UM	
575		1			MILEAGE #113	80	Mi	500		100.00
578		1			Pump Charge - CMT Longstring	1	ea	1400.00		1400.00
221		1			Liquid KCL	2	gal	25.00		50.00
881		1			Mud flush	500	sq	1.00		500.00
296		1			D-Air	2	gal	35.00		70.00
402		1			Centralizers	5	ea	55.00	5 1/2 IN	275.00
413		1			Cement Paste	2	ea	200.00	5 1/2 IN	400.00
414		1			Bit Collar	1	ea	1900.00	5 1/2 IN	1900.00
416		1			Latch Down Plus X Baffle	1	ea	225.00	5 1/2 IN	225.00
407		1			Insert Flat Shoe w/ Auto Fall	1	ea	275.00	5 1/2 IN	275.00
9		1			Rotating Head Rental	1	ea	150.00	5 1/2 IN	150.00

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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	P1 PAGE TOTAL	5375.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				P2	3947.75
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					9292.75
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					

X  
 DATE SIGNED *12-3-10* TIME SIGNED *11:30*  A.M.  P.M.

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

SWIFT OPERATOR *Don Lemmon* APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 19213

CUSTOMER: American Water, Inc. WELL: 743 Schuwin DATE: 12-9-10 PAGE: 2 OF 2

285	2		Standard Cement	175 SKS	16450 lbs	1400	2100.00
286	2		Flare	74 lbs		150	66.00
283	2		Salt	825 lbs		15	131.25
284	2		Calocal	823 lbs	9 SKS	200	270.00
292	2		Holod 322	124 lbs		2100	868.00

581	2		SERVICE CHARGE	Cement	CUBIC FEET	175 SKS	150	262.50
582	2		TOTAL WEIGHT	18316	LOADED MILES	20	TON MILES	183.16
							Min 25000	25000
								3947.75

**JOB LOG**

**SWIFT Services, Inc.**

DATE 12-3-10 PAGE NO. 1  
 TICKET NO. 19343

CUSTOMER Triumph Energy Inc

WELL NO. 7-13

LEASE Schwarzen

JOB TYPE Cement Lining

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PS)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	11:30							On location w Float Equip
	11:50							Start 5 1/2" 15.5" I/A Casing
								Insert Float Valve/Auto-fill
								L.D. 20 1/2" - 55 - 42.22 ft.
								Port Collar 1-2-3-4-68
								Cement Baskets 5 + 69 Jts
								Port Collar # collar 69 @ 1437
								Jts out # 72, R5, 106
								TD - 4341' Total Pipe 4343' (Drop Ball 675 out)
	13:30							Fin Run Casing - cir Down 3
	13:40							Cir - Rotate - Rig
	14:00							Fin cir
			8					Plus RN 30 sets cont
	14:10	5					200	Hook to 5 1/2" - Start 500 gal M.F
		6	12				250	Start 10 BBL KCL Flush
			32				100	Fin Plusing
		4 1/2					250	Mix 145 STS Standard EA-2 cont
	14:29		35				0	Fin cont.
			3					Wash out Pump Lines
	14:33	9					250	Drop L.D. Plus - Start Displ H.C. 103
		8	15				200	
		7 1/2	82				250	Complete Plusing
		6	90				450	
		5 1/2	100				700	
	14:48	5	103				250	Plus Down Hold. Release & Hold
	15:00							Job Complete
								Washup & Packing



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

TICKET  
**19887**

PAGE 1 OF 1

SERVICE LOCATIONS  
 1. Ness City KS WELL/PROJECT NO. #4-13 LEASE Schwion COUNTY/PARISH NEAS STATE KS CITY Bazine DATE 8 Dec 10 OWNER  
 2. TICKET TYPE  SERVICE  SALES CONTRACTOR H-D RIG NAME/NO. SHIPPED VIA CT DELIVERED TO location ORDER NO.  
 3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE cement port collar WELL PERMIT NO. WELL LOCATION Bazine 3-S FW 1 int  
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	20	mi			5 00	100 00
576 D		1			Pump Charge	1	ea			1100 00	1100 00
330		1			SMD cement			110	sls	15 00	1650 00
276		1			flocule	50	lb			1 50	75 00
290		1			D-AIR	1	gal			35 00	35 00
104		1			Port collar tool rental	1	ea			200 00	200 00
581		1			Service Charge	175	stk			1 50	262 50
582		1			Drayage (min)	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.  
1400

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?				3672	50
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				63	123 48
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	3795 98

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

SWIFT OPERATOR

Abell

APPROVAL

Thank You!

**JOB LOG**

**SWIFT Services, Inc.**

DATE **DEC 10** PAGE NO. **1**

CUSTOMER **American Warrior**

WELL NO. **4-13**

LEASE **Schriener Schriener**

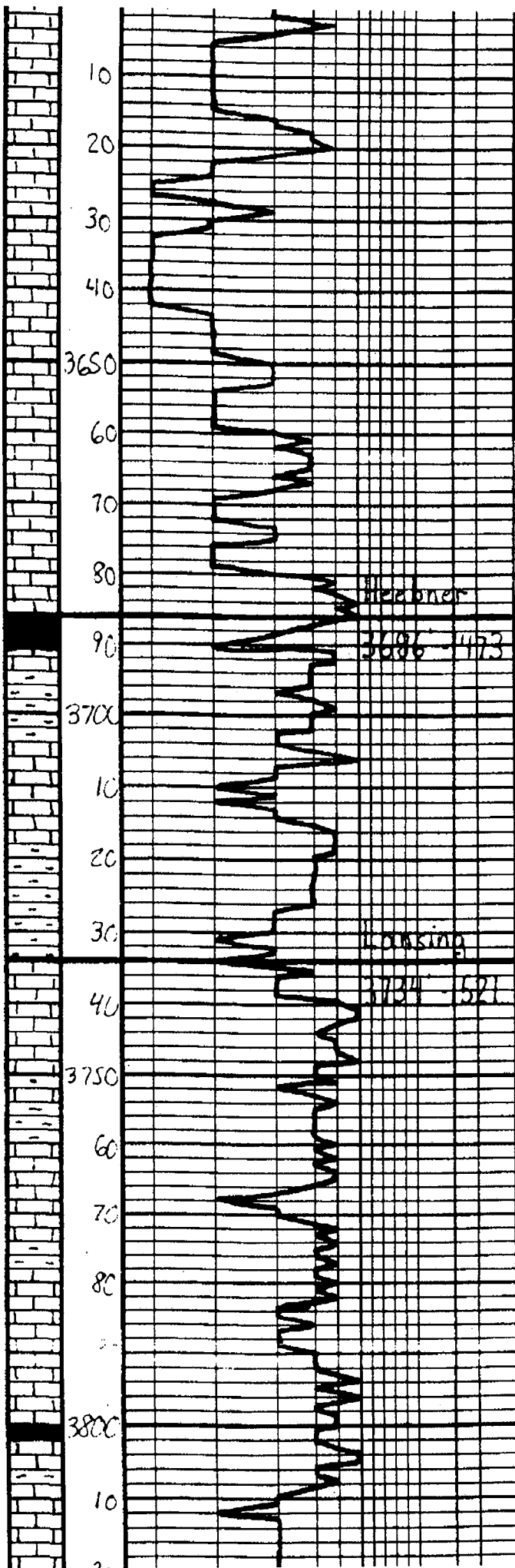
JOB TYPE **concrete port collar**

TICKET NO. **19887**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sls SMD w/ fibrocel 2 3/8 - 5 1/2 port collar 1437'
	1330							on loc TRK 114
	1400							look for port collar
	1435					1000	1000	test to 1000 - held
	1450	3 1/4				350		open port collar
	1455	3 1/4				350		inj rate 3 1/4 @ 350
		3 1/4	55			450		mix cement SMD 11.2 ppg
		3 1/4	60			500		concrete to surface 110 sls
			4.5					Displace tubing w/ 11.2 4 1/2 lbbf
	1525							RUN 5 joints
	1535		20					Reverse hole clean
	1545							wash truck
								Rig down
								job complete 118 sls wt 15 to PT
								Unit Rob Dave Blaine

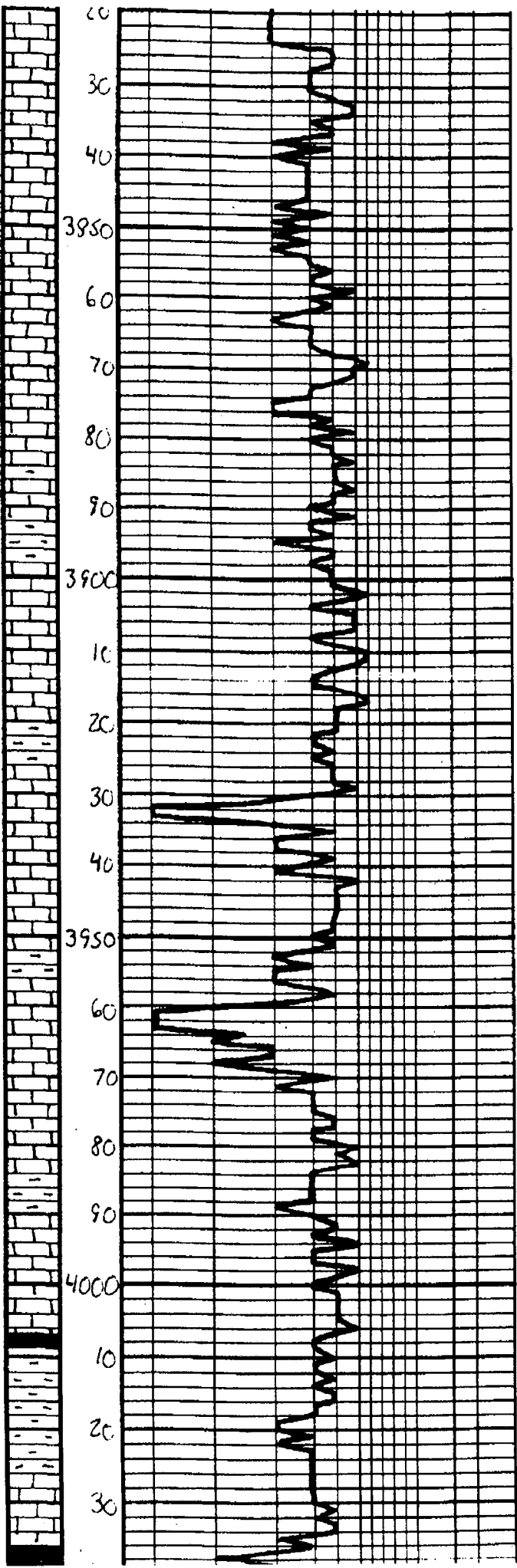




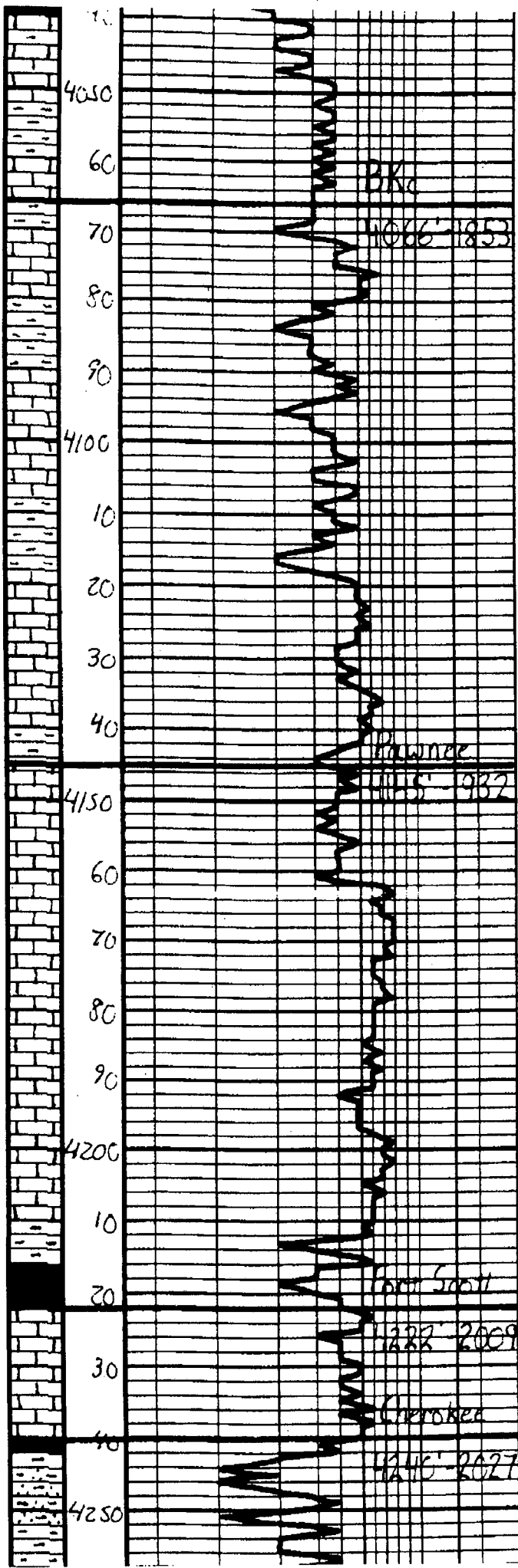


Ls. Tan-ber-Matted. Fa Fossil. Baccin		Location 5:00 p.m. 11-30-2010
Ls. alc		
Ls. alc		
Ls. alc, sils		
Ls. Tan-ber-Matted. Fa Fossil. Baccin		
Sh. Blk. Calc. Fossil		
Sh. ber. Ben. Ges		
Ls. Offish. Tan. Fa sils Dol. w/ pore comp. Baccin		
Sh. ber. Ben. Ges		
Ls. Offish. Tan. Fa sils Dol. w/ pore comp. Baccin		
Sh. ber. Ben		
Ls. Offish. Tan. Fa sils Dol. w/ pore comp. Baccin		
Ls. Offish. Tan. Fa sils Dol. w/ pore comp. Baccin		
Sh. Dark ber. Blk		
Ls. Tan-ber-Matted. Fa Dol. w/ pore comp. Baccin		





LS - Tan - Gray - Substr., DNS, SI out	
LS - alc w/ sand pure sample Barren	
LS - alc	
LS - alc, DNS	
Sh - Gray - Ben	
LS - Tan - Lt Gray - Substr., DNS, SI out	
Sh - Gray - Ben	
LS - light gray - Tan - Fin x ls Gal PKST w/ good com of Barren	
LS - alc, DNS	
LS - Dark - Lt Gray - Fin x ls Gal PKST w/ good - Fin. com P. Barren	
LS - Tan - Lt Gray - Substr., SI Gal, DNS	
Sh - Gray - Ben	
LS - Tan - Gray - Fin - Substr., DNS	
Sh - Dark Gray	
Sh - Gray - Ben	
LS - Tan - Gray - Substr., DNS	



4050	LS - Tan. Subsl. DNS	
60	LS - alc	
70	LS - Offsh. Tan. Subsl. DNS	
80	Sh - Gray - Ben - Gen	
90	LS - Offsh. Tan. Ben - Subsl. (partial) Baccin	
100	Sh - Gray - Ben	
110	LS - Tan. Gray - Subsl. Sl. out DNS	
120	Sh - Gray - Ben	
130	LS - Tan. Gray - Subsl. DNS	
140	LS - alc	
150	LS - Gray - Subsl. DNS	
160	LS - alc	
170	Sh - BRK - Calc	
180	LS - Offsh. Lt. Gray - Ben - Subsl. (partial) Scat. bit sl. in b. NSAP. 4 at. Vel. Fluor. Mostly DNS	
190	Sh - Dk Gray	
200	Sh - Gray - Ben - Gen, Few Dk spots 4 at. Vel. Fluor. Mostly DNS	
210	Sh - Gray - Ben - Gen	

<b>DST #1</b>	
Mississippi	
4271' - 4338'	
45" - 45" - 45" - 45"	
IH	2176#
IF	40 - 109# 308 29 min.
ISL	1195# Built to 1/4 in.
FF	422 - 998#



# **Geological Report**

American Warrior, Inc.

**Schwien #4-13**

600' FSL & 1450' FEL

Sec. 13 T19s R22w

Ness County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Schwien #4-13  
600' FSL & 1450' FEL  
Sec. 13 T19s R22w  
Ness County, Kansas  
API # 15-135-25105-0000

Drilling Contractor: Petromark Drilling, LLc Rig #1

Geologist: Jason Alm

Spud Date: November 26, 2010

Completion Date: December 3, 2010

Elevation: 2207' Ground Level  
2213' Kelly Bushing

Directions: Bazine KS, intersection of Hwy 96 and Austin St. 4  
mi. South to 90 rd. ¼ mi. West on 90 rd. North into  
location.

Casing: 223' 8 5/8" surface casing  
4339' 5 1/2" 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: One, Trilobite Testing, Inc. "Brian Fairbanks"

Problems: Test tool plugged during final flow of DST #1

Remarks: Final Flow and Final Shut In pressures are invalid  
due to plugged tool.

## Formation Tops

Formation	
Anhydrite	1444', +769
Base	1478', +735
Heebner	3683', -1470
Lansing	3732', -1519
BKc	4061', -1848
Pawnee	4142', -1929
Fort Scott	4218', -2005
Cherokee	4238', -2025
Mississippian	4310', -2097
RTD	4341', -2128
LTD	4340', -2127

American Warrior, Inc.

Schwieb #4-13

Sec. 13 T19s R22w

600' FSL & 1450' FEL

## Sample Zone Descriptions

**Mississippian Osage (4310', -2097):** Covered in DST #1

Dolo - Δ - Fine sucrosic crystalline with poor vuggy porosity, heavy chert, tripolitic, heavily weathered with fair to good vuggy porosity, light to fair scattered oil stain and saturation in porosity, show of free oil, good odor, bright yellow fluorescents, 55-65 units hotwire.

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

**DST #1**

**Mississippian Osage**

Interval (4271' - 4338') Anchor Length 67'

IHP	- 2176 #	
IFP	- 45" - B.O.B. 29 min.	40-109 #
ISI	- 45" - Built to ¼ in.	1149 #
FFP	- 45" - Built to 3 in. Died back	422-998 #
FSI	- 45" - Dead	1184 #
FHP	- 2095 #	
BHT	- 114°F	

Recovery: 125' GIP  
 55' CGO  
 90' OCM 20% Oil  
 30' GHOCM 30% Oil

**Structural Comparison**

<b>Formation</b>	<b>American Warrior, Inc.</b> Schwien #4-13 Sec. 13 T19s R22w 600' FSL & 1450' FEL	Hall Brooks Oil Corp. Schwien #1 Sec. 13 T19s R22w C SE SE	American Warrior, Inc. Schwien #2-13 Sec. 13 T19s R22w 1300' FSL & 335' FEL
Anhydrite	1444', +769	NA	1428', +773 (-4)
Base	1478', +735	NA	1464', +737 (-2)
Heebner	3683', -1470	3670', -1474 (+4)	3670', -1469 (-1)
Lansing	3732', -1519	3720', -1524 (+5)	3719', -1518 (-1)
BKc	4061', -1848	NA	4054', -1853 (+5)
Pawnee	4142', -1929	4133', -1937 (+8)	4134', -1933 (+4)
Fort Scott	4218', -2005	4212', -2016 (+11)	4209', -2008 (+3)
Cherokee	4238', -2025	4231', -2035 (+10)	4228', -2027 (+2)
Mississippian	4310', -2097	4309', -2113 (+16)	4296', -2095 (-2)

## **Summary**

The location for the Schwien #4-13 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 Osage Formation. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Schwien #4-13 well.

## **Recommended Perforations**

**Primary:**

**Mississippian Osage:           (4312' – 4339')                   DST #1**

Respectfully Submitted,

Jason Alm  
Hard Rock Consulting, Inc.