



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: _____



1054489

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
---	---

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 (Specify) _____	PRODUCTION INTERVAL: _____ _____
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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

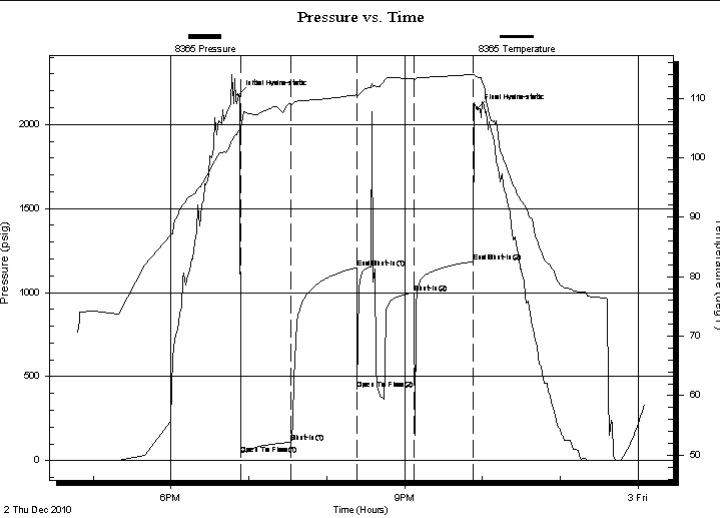
Schwieen 4-13
13-19-22/Ness
Job Ticket: 40943 **DST#: 1**
Test Start: 2010.12.02 @ 16:48:01

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 @ Run Depth: 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

Schwien 4-13

PO Box 399
Garden City, Ks
67846

13-19-22/Ness

Job Ticket: 40943

DST#: 1

ATTN: Jason Alm

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:

bbbl

Water Loss: 7.97 in³

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 bbbl
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

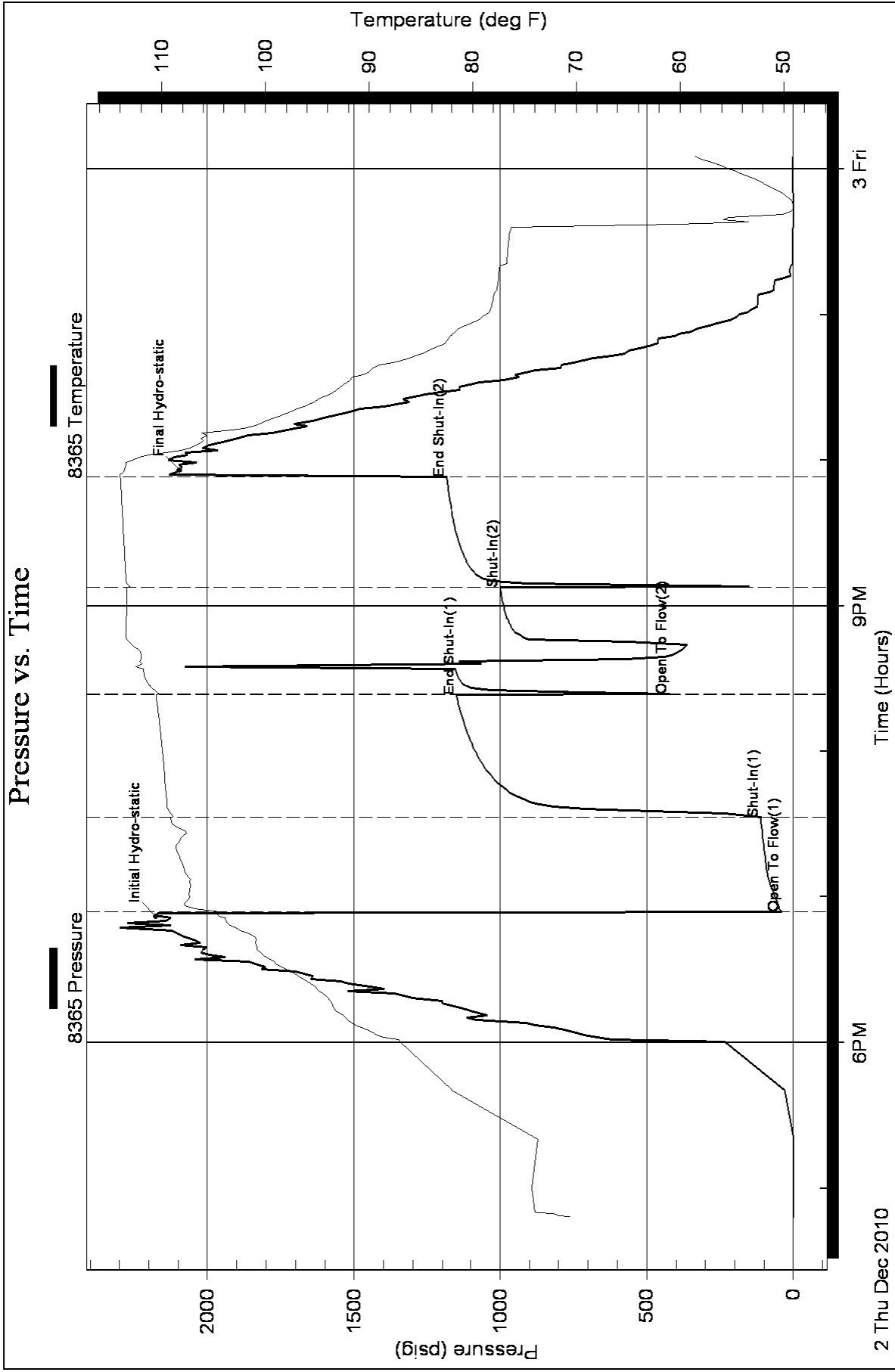
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





Services, Inc.

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

TICKET 19862

PAGE 1 OF 1

SERVICE LOCATIONS 1. Ness City, KS	WELL-PROJECT NO.	LEASE	COUNTY	STATE	CITY	DATE	OWNER
		SCHOVEN 4-13	NESS		BAZINE, KS.	2/8/80	2/8/80
	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR PETROMARK DRILLING	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO LOCATION	ORDER NO.	
	WELL TYPE OIL	WELL CATEGORY DEVELOPMENT	JOB PURPOSE CEMENT 4 5/8		WELL PERMIT NO.	WELL LOCATION 45, LAW N 10.0	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #110	80	mi			5.00	400.00
576s					PUMP CHARGE	158		223		750.00	118,500.00
279					BEAUTIFULITE GEL	3	5x	300	lbs	25.00	75.00
325					STANDARD CEMENT	150	5x			12.00	1,800.00
581					SERVICE CHARGE CEMENT	150	5x			1.50	225.00
582					MINIMUM DRAWS	14400	lbs.	14400	TM	250.00	3,600.00

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 Cady Rosh
DATE SIGNED 2/8/80 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	TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					3200	3200
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 checked="" type="checkbox"/> YES			<input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						

SWIFT OPERATOR [Signature] APPROVAL [Signature] CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES [Signature] Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 21 NOV 10 PAGE NO. 1

CUSTOMER AMERICAN WARRIOR

WELL NO.

LEASE SCHWIEB 4-13

JOB TYPE CEMENT 8 5/8

TICKET NO. 19462

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 Sx @ SID @ 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



Services, Inc.

CHANGE TO:
 ADDRESS: Academy Square, Inc
 CITY, STATE, ZIP CODE

TICKET
19343
 PAGE 1 OF

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. <u>Haysville</u>	<u>4-13</u>	<u>Sehvisions</u>	<u>Mass</u>	<u>Ks</u>		<u>12-3-10</u>	
2. <u>Ness City, KS</u>	TICKET TYPE	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
	<input checked="" type="checkbox"/> SERVICE	<u>Pro-11 hrt</u>		<u>5/BAEWIN, KS</u>			
	<input type="checkbox"/> SALES	WELL TYPE	WELL CATEGORY	WELL PERMIT NO.	WELL LOCATION		
		<u>D-11</u>	<u>in field</u>				
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #113	30	mi			500	15000
575					Ramp Charge - Curt Longstring	1	ea	-1341	PL	140000	140000
201					Liquid KCL	2	gal			8500	17000
281					Mud Flush	500	gal			100	50000
291					D-Air	2	gal			3500	7000
402					Conditioners	5	ea		5 1/2 in	5500	27500
413					Cement Paste	2	ea		5 1/2 in	20000	40000
414					Oil Roller	1	ea		5 1/2 in	190000	190000
416					Let's Down Plug & Bottle	1	ea		5 1/2 in	22500	22500
407					Insert Final Shoe w/ Act. P11	1	ea		5 1/2 in	27500	27500
9					Retracting Head Reel	1	ea		5 1/2 in	15000	15000

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

DATE SIGNED: 12-10-10 TIME SIGNED: 11:30

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	TAX
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	OUR SERVICE WAS PERFORMED WITHOUT DELAY?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
WE UNDERSTOOD AND MET YOUR NEEDS?	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P2	3947.175
ARE YOU SATISFIED WITH OUR SERVICE?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	TOTAL	9292.175

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

SWIFT OPERATOR: Don Lawrence APPROVAL: _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 12-3-10 PAGE NO. 7

CUSTOMER *Midconk Assoc Inc* WELL NO. *4-13* LEASE *Schwien* JOB TYPE *Cement Logging* TICKET NO. *19343*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	11:30							On location w Float Equip
	11:50							Start 5 1/2" 15.5" / 4" casing
								Insert Float Valve / Auto-fill
								L.D. 20 ft - 55 - 42.22 ft.
								Put collar 1-2-3-4-68
								Cement Baskets 5 + 69 Jts
								Put collar # collar 69 @ 1437
								Jts out # 72, 105, 106
								TD - 4341' Total Pipe 4343' (Drop Ball 6 Jts out)
	12:30							Fin Rin Casing - cir down 3
	13:40							Cir - Rotate - Rig
	14:00							Fin cir
			8					Plus PH 30 SKS unit
	14:10	5					200	Hook to 5 1/2" - Start 510 gal M.F
		6	12				250	Start 20 BEL HCL flush
			32				100	Fin flushes
		4 1/2					250	Mix 145 SKS Standard EA-2 unit
	14:29		35				0	Fin unit.
			3					Wash out Pump & Lines
	14:33	9					250	Drop L.D. Plus - Start Displ HCL (103)
		8	15				200	
		7 1/2	82				250	Complete Press in
		6	90				450	
		5 1/2	100				700	
	14:45	5	103				750	Plus Down Hold. Pressure & Hold
	15:00							Job complete
								Washup & Packing



Services, Inc.

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

TICKET 19887

PAGE 1 OF 1

SERVICE LOCATIONS: Wichita KS WELL/PROJECT NO. #4-13 LEASE Schwion COUNTY/PARISH MOSS STATE KS CITY Bartonia DATE 8 Dec 10 ORDER NO.
 TICKET TYPE SERVICE SALES CONTRACTOR
 WELL TYPE 0-1 WELL CATEGORY Development JOB PURPOSE new cement port collar SHIPPED VIA CT DELIVERED TO location WELL PERMIT NO.
 REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE TRV 114	20	mi			5.00	100.00
576 D					Pump Charge	1	ea			1100.00	1100.00
330					SWD count			110	sls	15.00	1650.00
276					flacle	50	lb			1.50	75.00
290					D-AIR	1	gal			35.00	35.00
104					Port collar tool rental	1	ea			200.00	200.00
581					Service Charge	175	sk			1.50	262.50
582					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

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?	AGREE	UN-DECIDED	DIS-AGREE
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	

CUSTOMER DID NOT WISH TO RESPOND

JOB LOG

SWIFT Services, Inc.

DATE **DEC 10** PAGE NO. **9**

CUSTOMER **American Warrior** WELL NO. **4-13** LEASE **Schriener** JOB TYPE **cement 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/ flocculants 2 7/8" x 5 1/2" port collar 1437'
	1330							on loc TRX 114
	1400							Peak for port collar
	1435					1000	1000	test to 1000 - hold
	1450	3 1/4				350		open port collar log rate 3 1/4 @ 350
	1455	3 1/4				350		Mix cement SMD 11.2 ppg
		3 1/4	55			450		
		3 1/4	60			500		
			4.5					cement to surface 110 sls mix Displace tubing w/ 11.2 4 1/2 bbl
	1525							RUN 5 joints
	1535		20					Reverse hole clean
	1545							wash truck
								Rig down
								job complete 110 sls mix 15 to PT
								Unit Rob Dave Blaine

Loc on location
5:00 p.m. 11-30-2010

Ls. Tan-gr. Mottled, Fr
Blk. fossiliferous

Ls. -alc

Ls. -alc

Ls. -alc, S.S.

Ls. Tan-gr. Mottled, Fr
Blk. fossiliferous

Heabner

3686 - 4173

Sh. Blk. Calc. Fossiliferous

Sh. Gray. Ben. Gen

Ls. Offwhite-Tan, Fr
Dol. w/ pore cam p. Barren

Lowring

3724 - 521

Sh. Gray. Ben. Gen

Ls. Offwhite-Tan, Fr - Subequal
Dol. w/ pore cam p. Barren

Sh. Gray. Ben

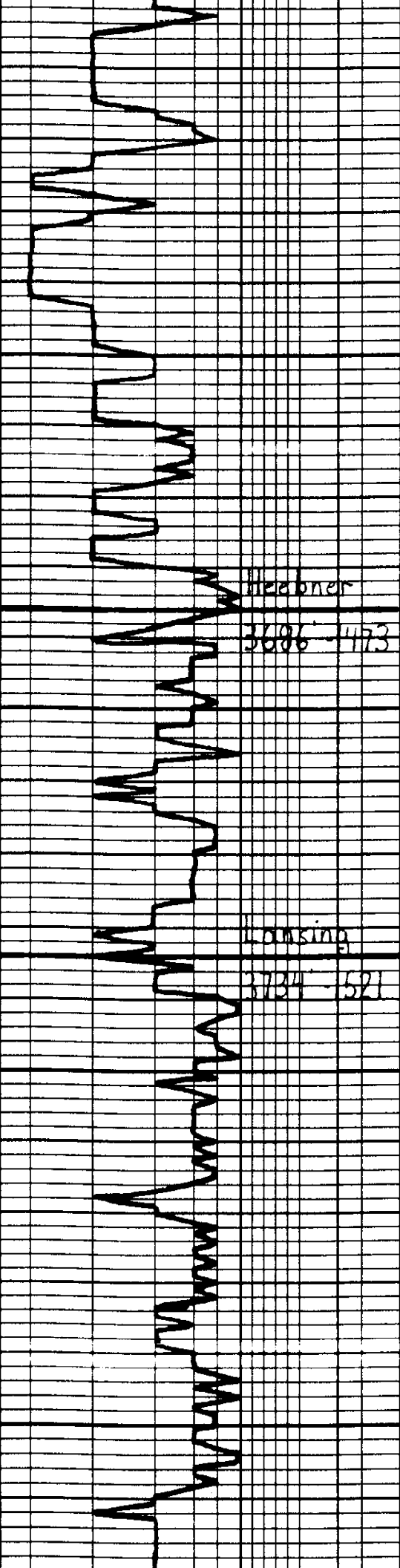
Ls. Offwhite-Tan, Fr
Dol. w/ pore cam p. Barren

Ls. Offwhite-Tan, Fr
Dol. w/ pore cam p. Barren

Sh. Dark Gray - Blk

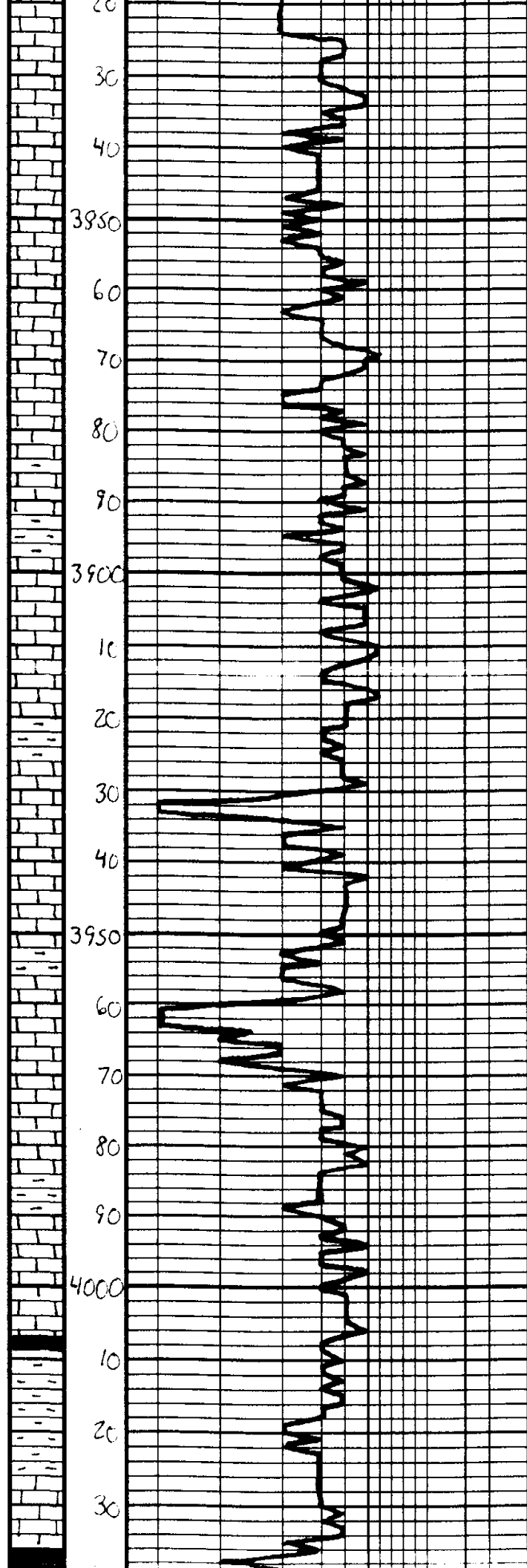
Ls. Tan-ht. Gray, Fr
Dol. w/ pore cam p

10
20
30
40
3650
60
70
80
90
3700
10
20
30
40
3750
60
70
80
3800
10



Handwritten geological descriptions for each section of the column.

Blank space for additional notes or data.



LS - Tan - Gray, Substr., DNS,
St. nat.

LS - alc w/ soft pure orange
Bacteria

LS - alc

LS - alc, DNS

Sh - Gray - Ben

LS - Tan - Lt Gray, Substr.,
DNS, St. nat.

Sh - Gray - Ben

LS - Diff. sub - Tan, Fg. xla,
Nat. PKST w/ good am of
Bacteria

LS - alc, DNS

LS - Diff. sub - Lt Gray, Fg. xla,
Nat. PKST w/ good - Ev. am of
Bacteria

LS - Tan - Lt Gray - Substr., St.
Nat., DNS

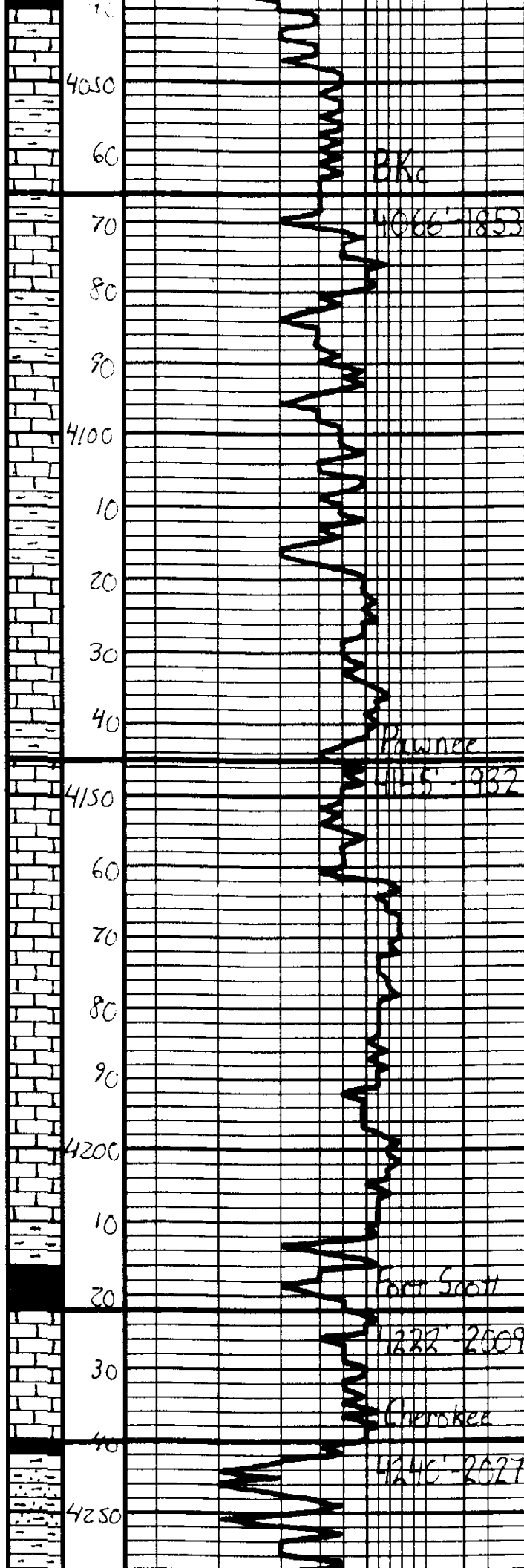
Sh - Gray - Ben

LS - Tan - Gray, Fg. - Substr.,
DNS

Sh - Dark Gray

Sh - Gray - Ben

LS - Tan - Gray, Substr., DNS



LS - Tan - Gray, Substr. DNS

LS - alc

LS - Off wh - Tan, Substr. DNS

Sh - Gray - Ben - Gan

LS - Off wh - Tan, Ea - Substr.
 Opt. in pipe to core th.
 Barren

Sh - Gray - Ben

LS - Tan - Gray, Substr. SL out.
 DNS

Sh - Gray - Gan

LS - Tan - Gray, Substr. DNS

LS - alc

LS - Gray, Substr. DNS

LS - alc

23 Sh - Blk, Carb

18 LS - Off wh - Lt Gray, Ea - Substr.
 Opt. in pipe to core th.
 Scot. Dil St in th. NSP. Fair
 w at. Vel Fluac. Mostly DNS

Sh - Dk Gray

Sh - Gray - Ben - Gan, Few Dk
 spots of SS chert, Banding
 with Gr.

Sh - Tan - Ben - Gan

DST #1	
Mississippian	
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	American Warrior, Inc. Schwien #4-13 Sec. 13 T19s R22w 600' FSL & 1450' FEL
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

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

Formation	American Warrior, Inc. Schwien #4-13 Sec. 13 T19s R22w 600' FSL & 1450' FEL	Hall Brooks Oil Corp. Schwien #1 Sec. 13 T19s R22w C SE SE	NA	American Warrior, Inc. Schwien #2-13 Sec. 13 T19s R22w 1300' FSL & 335' FEL	NA
Anhydrite	1444', +769	NA	NA	1428', +773	(-4)
Base	1478', +735	NA	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	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.