



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
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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: \_\_\_\_\_



1070094

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	Seltman 7
Doc ID	1070094

Tops

Name	Top	Datum
Anhydrite	1305	793
Chase	2175	-77
Heebner	3538	-1440
Lansing	3582	-1484
BKC	3891	-1793
Pawnee	3980	-1882
Ft. Scott	4038	-1940
Cherokee	4054	-1956
Mississippian	4145	-2045
LTD	4185	-2087



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior inc.  
 POBox 399  
 Garden City Ks. 67846  
 ATTN: Jason Alm

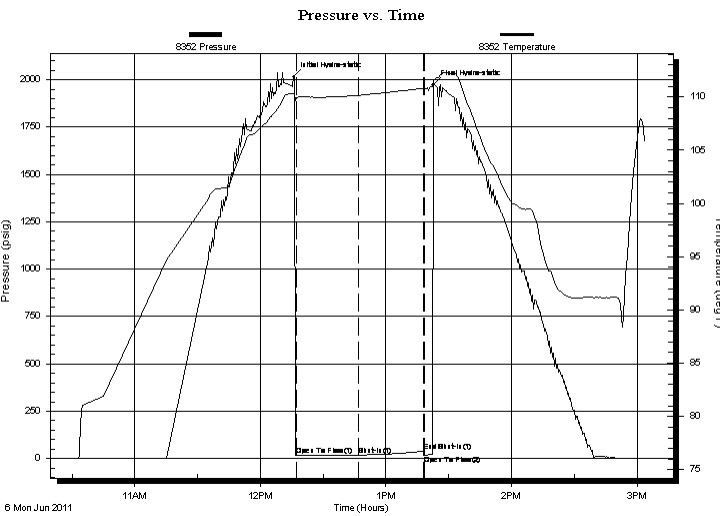
**Seltman #7**  
**24-18s-21w Ness**  
 Job Ticket: 042637 **DST#: 1**  
 Test Start: 2011.06.06 @ 10:33:05

## GENERAL INFORMATION:

Formation: **Cher"A" Sand**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 12:17:10  
 Time Test Ended: 15:03:39  
 Interval: **4050.00 ft (KB) To 4075.00 ft (KB) (TVD)**  
 Total Depth: 4075.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole  
 Tester: Andy Carreira  
 Unit No: 39  
 Reference Elevations: 2098.00 ft (KB)  
 2090.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 8352 Outside**  
 Press @ Run Depth: 19.30 psig @ 4051.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.06.06 End Date: 2011.06.06 Last Calib.: 2011.06.06  
 Start Time: 10:33:05 End Time: 15:03:40 Time On Btm: 2011.06.06 @ 12:15:50  
 Time Off Btm: 2011.06.06 @ 13:22:30

**TEST COMMENT:** IF:(30min) Surge, No Blow  
 IS:(30min) No Return  
 FF:No Blow , Flushed, Surge, No Blow , Pulled.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2015.36	110.28	Initial Hydro-static
2	18.17	109.90	Open To Flow (1)
32	19.30	110.16	Shut-In(1)
62	37.78	110.82	End Shut-In(1)
63	19.59	110.80	Open To Flow (2)
67	1973.38	111.45	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud	0.01

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior inc.

**Seltman #7**

POBox 399  
Garden City Ks. 67846

**24-18s-21w Ness**

Job Ticket: 042637

**DST#: 1**

ATTN: Jason Alm

Test Start: 2011.06.06 @ 10:33:05

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8200.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
2.00	Mud	0.010

Total Length: 2.00 ft      Total Volume: 0.010 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

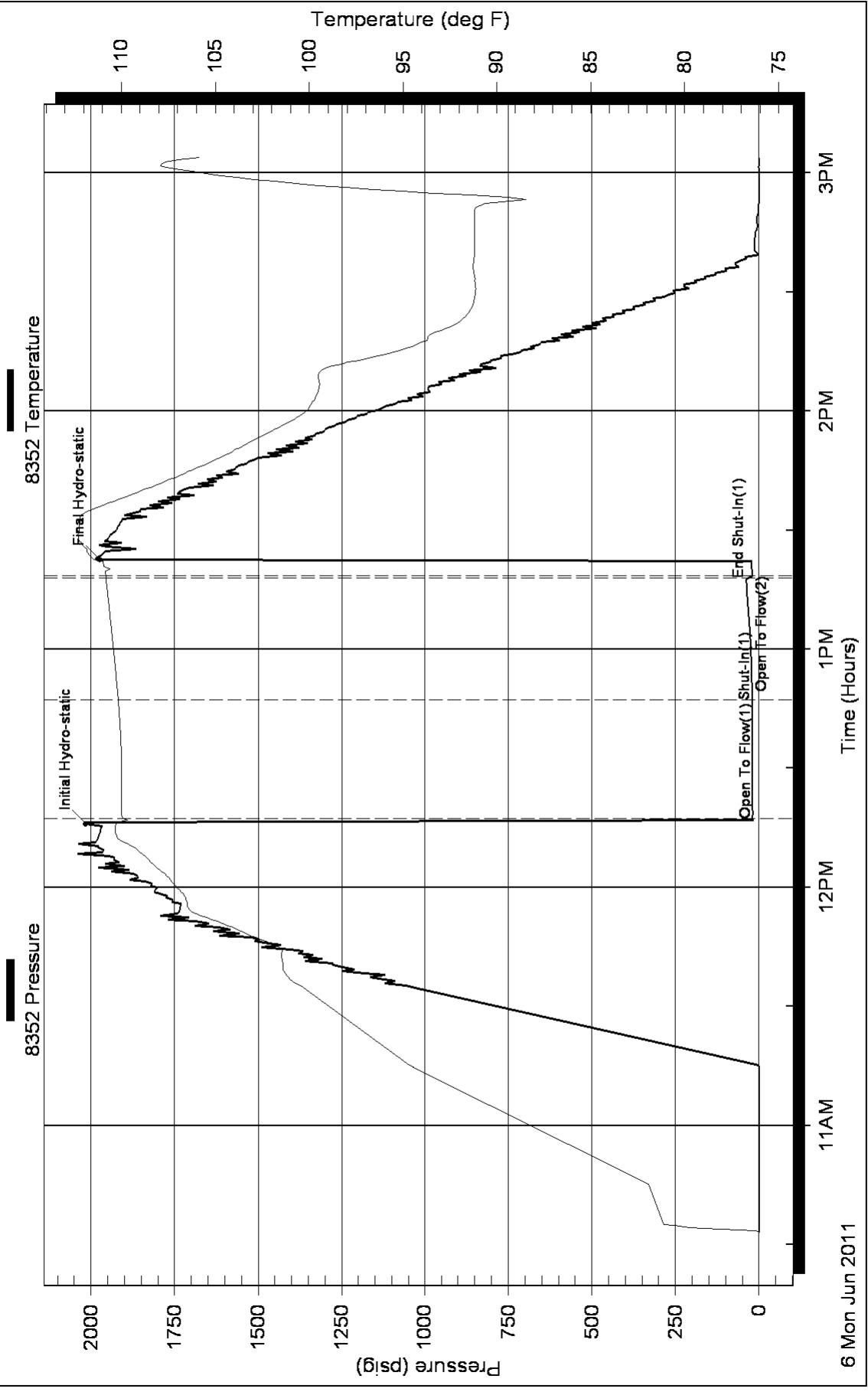
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior inc.  
 POBox 399  
 Garden City Ks. 67846  
 ATTN: Jason Alm

**Seltman #7**  
**24-18s-21w Ness**  
 Job Ticket: 042638 **DST#: 2**  
 Test Start: 2011.06.06 @ 20:18:05

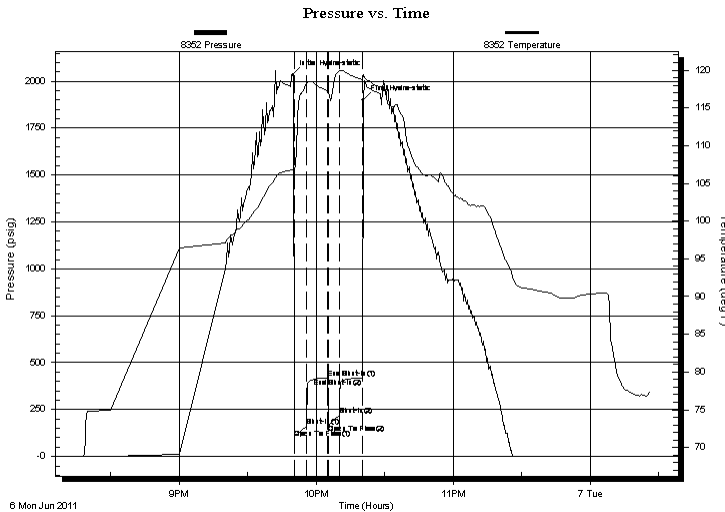
## GENERAL INFORMATION:

Formation: **Cher "B" Sand**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 21:50:20  
 Time Test Ended: 00:26:10  
 Interval: **4049.00 ft (KB) To 4100.00 ft (KB) (TVD)**  
 Total Depth: 4100.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole  
 Tester: Andy Carreira  
 Unit No: 39  
 Reference Elevations: 2098.00 ft (KB)  
 2090.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 8352 Outside**  
 Press @ Run Depth: 217.78 psig @ 4052.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.06.06 End Date: 2011.06.07 Last Calib.: 2011.06.07  
 Start Time: 20:18:05 End Time: 00:26:10 Time On Btm: 2011.06.06 @ 21:49:40  
 Time Off Btm: 2011.06.06 @ 22:20:40

**TEST COMMENT:** IF:(5min) BOB, 2 min.  
 IS:(10min) No Return  
 FF:(5min) BOB, 2 min.  
 FS:(10min) No Return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2032.75	106.84	Initial Hydro-static
1	99.80	106.20	Open To Flow (1)
6	163.61	118.24	Shut-In(1)
16	419.38	117.29	End Shut-In(1)
16	170.40	117.08	Open To Flow (2)
21	217.78	119.88	Shut-In(2)
31	417.37	118.73	End Shut-In(2)
31	1899.86	119.36	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
325.00	MW	4.27

## Gas Rates

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



**TRILOBITE**  
TESTING, INC

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior inc.

**Seltman #7**

POBox 399  
Garden City Ks. 67846

**24-18s-21w Ness**

Job Ticket: 042638

**DST#: 2**

ATTN: Jason Alm

Test Start: 2011.06.06 @ 20:18:05

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.95 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8200.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
325.00	MW	4.272

Total Length: 325.00 ft      Total Volume: 4.272 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

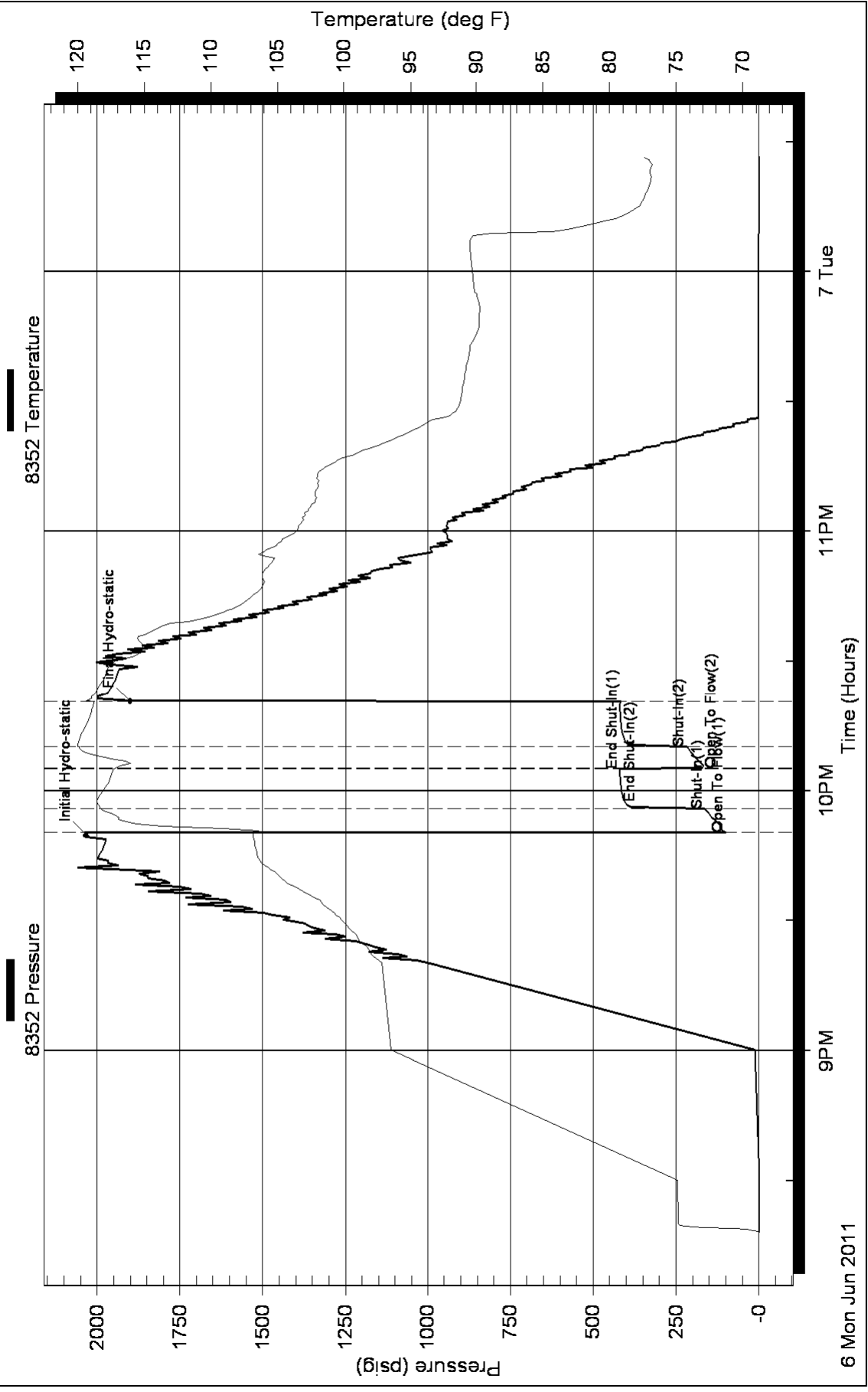
Laboratory Name:

Laboratory Location:

Recovery Comments:



### Pressure vs. Time





CHARGE TO: John... ..  
 ADDRESS: ...  
 CITY, STATE, ZIP CODE: ...

TICKET  
19692

**SERVICE LOCATIONS:**

1. SERVICE LOCATIONS		WELL/PALLET NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
7							02-2-11	
2. TICKET TYPE:		CONTRACTOR	RIG NAME/NO.	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION	ORDER NO.
<input checked="" type="checkbox"/> SERVICE	<input type="checkbox"/> SALES							
3. REFERENCE LOCATION		INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM.	QTY.	UM.	UNIT PRICE	AMOUNT
		LOC.	ACCT.	DR.							
57					MILEAGE					5.00	120.00
57					...					100.00	110.00
...					...					20.00	20.00
...					...					100.00	100.00
...					...					35.00	105.00
...					...					100.00	100.00
...					...					100.00	100.00
...					...					100.00	100.00
...					...					100.00	100.00
...					...					100.00	100.00
...					...					100.00	100.00
...					...					100.00	100.00
...					...					100.00	100.00
...					...					100.00	100.00

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions of 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: [Signature] TIME SIGNED: ...

**REMIT PAYMENT TO:**

**SWIFT SERVICES, INC.**  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

<b>SURVEY</b>	<b>OUR EQUIPMENT PERFORMED WITHOUT A BREAKDOWN?</b>	<b>WE UNDERSTOOD AND MET YOUR NEEDS?</b>	<b>OUR SERVICE WAS PERFORMED WITHOUT DELAY?</b>	<b>WE OPERATED THE EQUIPMENT AND PERFORMED THE WORK SATISFACTORILY?</b>	<b>ARE YOU SATISFIED WITH OUR SERVICE?</b>	<b>DATE</b>	<b>INITIALS</b>	<b>SIGNATURE</b>	<b>TOTAL</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

**JOB LOG**

**SWIFT Services, Inc.**

DATE 06/27/11 PAGE NO. 1

CUSTOMER ADK PRODUCTION WELL NO. 7 LEASE SWIFT 1111 JOB TYPE DRILLING TICKET NO. 150524

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	15:15							DRILLING CMT 425 SWS 5" 1/2" PUMPS 10' 1/2" 117 8' 1/2" 23' 1/2" SWS 117, SWS 300, TUBING 117 CMT 1.5 8, 26
	15:40							START CMT TUBING
	15:50							DRILLING 117
	15:13	5.5	12					START PUMP FEED SWS TUBING
			20					TUBING
			0					START CMT 100 SWS @ 118
			48					150 SWS @ 112
			110					100 SWS @ 115
			141					75 SWS @ 115
	15:45		162					END CMT 425 SWS PUMP FEED
	15:08	6.0	0					START TUBING
			20					TUBING
			40					TUBING
			60					TUBING
			70					TUBING
			75					TUBING
			78					TUBING
	15:00		53.1					CMT CMT 73 217' 10 SWS CMT FEED 117, 26 CMT IN 117 CMT IN 117
	16:16							END CMT TUBING TUBING TUBING



Services, Inc.

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

TICKET  
 20829

PAGE 1 OF 2

1. SERVICE LOCATIONS: Neosho City, KS WELL/PROJECT NO.: 07 LEASE: Self run COUNTY/PARISH: Neosho STATE: KS CITY: Bazine DATE: 7 Aug 11 OWNER: \_\_\_\_\_  
 2. TICKET TYPE:  SERVICE  SALES CONTRACTOR: \_\_\_\_\_ RIG NAME/NO: \_\_\_\_\_ SHIPPED: WET DELIVERED TO: Location ORDER NO.: \_\_\_\_\_  
 3. WELL TYPE: 01 WELL CATEGORY: Development JOB PURPOSE: cement log string WELL PERMIT NO.: \_\_\_\_\_  
 4. REFERRAL LOCATION: \_\_\_\_\_ INVOICE INSTRUCTIONS: \_\_\_\_\_ WELL LOCATION: 24-185-214

PRICE SEQUENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE TRK 114	25	mi			5.00	125.00
578					Pump Charge	1	ea			1400.00	1400.00
402					Con Solvizes	5	ea			65.00	325.00
403					Conment Basket	5	ea			230.00	230.00
406					Latch Assembly & bottle	5	ea			225.00	285.00
407					Insect Floot shue	3	ea			300.00	300.00
419					Rotating head rental	1	ea			150.00	150.00
290					D-Air	2	gal			35.00	70.00
281					MUDFLUSH	500	gal			1.00	500.00
281					Liquid KCL	25	gal			25.00	50.00

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.  
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X DATE SIGNED: \_\_\_\_\_ TIME SIGNED: \_\_\_\_\_  
 AM  PM

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	TOTAL
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3375.00	4100.00	7375.00
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						

SWIFT OPERATOR: \_\_\_\_\_ APPROVAL: \_\_\_\_\_  
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: \_\_\_\_\_  
 Thank You!



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

TICKET CONTINUATION

TICKET No. 20829

CUSTOMER American Warrior WELL S/Hman 47 DATE 7/20/11 PAGE 2 OF 2

325	1	STD connect (For 9A-2)	175 SK	12 00	2100 00
289	1	Calseal	800 1b	30 00	240 00
283	1	Seal +	900 1b	01 5	135 00
292	1	holad - 322	125 1b	7 50	937 50
276	1	fixaler	50 1b	1 50	75 00
582		Drill (min)	1 cu	750 00	250 00
581		SERVICE CHARGE		1 50	262 50
		TOTAL WEIGHT			
		LOADED MILES			
		CUBIC FEET			
		TON MILES			

4000 00

JOB LOG

SWIFT Services, Inc.

DATE 7/11/11 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 47 LEASE Seltman JOB TYPE cement long string TICKET NO. 208291

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sks EA-2 w/ flocculer
								5 1/2" 15.5" casing TD = 4185'
								Control valves 1, 2, 3, 4, 80 Baskets 5
								J+ out 103, 104 shoejt 42' 4180' pipe
	2030							on loc TRK 114
	2135							start 5 1/2" 15.5" casing in well
	2310							Drop ball circulate - ROTATE
	2350	4 1/4	12				200	Pump 500 gal mid flash
		4 1/4	20				200	Pump 20 bbl KCL flush
	0000	4	12					Plug RH - MH 30 sks - 20 sks
	0010	4 3/4	30				200	Mix EA-2 cement @ 15.3 ppq 125 sk
	0015							Drop latch down plug
								Wash out Pump & line
	0023	6 3/4					200	Displace plug
		6 3/4	80				800	stop rotating 85 bbl
	0045	6 3/4	99				1500	Land plug
	0050							Wash truck
								Rack up
								job complete
								Thru
								Dave Joe & Blaine



Services, Inc.

CHARGE TO: American Wellco  
 ADDRESS: American Wellco  
 CITY, STATE, ZIP CODE: [blank]

TICKET 20832

PAGE 1 OF 1

SERVICE LOCATIONS: 1. Amco HKS  
 WELL/PROJECT NO: 27  
 LEASE: Sellman  
 COUNTY/PARISH: Wood  
 STATE: KS  
 CITY: Bazine  
 DATE: 9 Nov 11  
 OWNER: [blank]  
 RIG NAME/NO: [blank]  
 SHIPPED: VAC  
 DELIVERED TO: [blank]  
 ORDER NO: [blank]  
 WELL TYPE: 0.1  
 WELL CATEGORY: Development  
 JOB PURPOSE: cement wellside  
 WELL PERMIT NO: [blank]  
 WELL LOCATION: 24-185-31W

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
674					MILEAGE TRK 114	20	mi			5.00	100.00
585305					Pump Charge	1	ea			750.00	750.00
330					SWD cement	125	sk			15.00	1875.00
270					Floccula	85	lb			1.50	127.50
582					Drayage (min)	100				250.00	250.00
581					Service charge	125	ks			1.50	187.50

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 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS  
 DATE SIGNED: 5 Oct 11  
 TIME SIGNED: 11:50 AM

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

SURVEY  
 OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?  YES  NO  
 WE UNDERSTOOD AND MET YOUR NEEDS?  YES  NO  
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?  YES  NO  
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?  YES  NO  
 ARE YOU SATISFIED WITH OUR SERVICE?  YES  NO  
 CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	3200.00
TAX 6.3%	120.49
TOTAL	3320.49

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

JOB LOG

SWIFT Services, Inc.

DATE 9/11/11 PAGE NO. 1

CUSTOMER American Well Co. WELL NO. #7 LEASE Saltman JOB TYPE Cement backside TICKET NO. 20832

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								125 sks w/ 1/4" floccle
								5 1/2" 8 5/8"
	1450							on loc TRK 114
								hook up to well
	1510		1				50	pressure 5 1/2" to 500psi - close in
	1515	3	2				150	get in rate pumping H <sub>2</sub> O
	1518	3	49				300	MX SAND @ 12.5 ppg 125 sks
	1540						100	stop pumping cement - pressure holding 100psi shut in
								break in well - place bucket on pipe.
	1555							wash truck
	1615							job complete
								Thilo Blaine & Dave



# **Geological Report**

American Warrior, Inc.

**Seltman #7**

2200' FSL & 1850' FEL

Sec. 24 T18s R21w

Ness County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Seltman #7  
2200' FSL & 1850' FEL  
Sec. 24 T18s R21w  
Ness County, Kansas  
API # 15-135-25155-0000

Drilling Contractor: Discovery Drilling Co., Inc. Rig #3

Geologist: Jason Alm

Spud Date: June 1, 2011

Completion Date: June 8, 2011

Elevation: 2090' Ground Level  
2098' Kelly Bushing

Directions: Alexander KS, West 2.5 mi. on Hwy 96, North  
across railroad crossing ½ mi. into location.

Casing: 1317' 8 5/8" surface casing  
4185' 5 1/2" production casing

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

Drilling Time: 3500' to RTD

Electric Logs: Log-Tech, Inc. "Jared Long, Daylan Kerr"  
CNL/CNL, DIL

Drillstem Tests: Two, Trilobite Testing, Inc. "Andy Carreira"

Problems: None

Remarks: None

## Formation Tops

	<b>American Warrior, Inc.</b> <b>Seltman #7</b> <b>Sec. 24 T18s R21w</b> <b>2200' FSL &amp; 1850' FEL</b>
<b>Formation</b>	
Anhydrite	<b>1305', +793</b>
Base	<b>1340', +758</b>
Heebner	<b>3538', -1440</b>
Lansing	<b>3582', -1484</b>
BKc	<b>3891', -1793</b>
Pawnee	<b>3980', -1882</b>
Fort Scott	<b>4038', -1940</b>
Cherokee	<b>4054', -1956</b>
Mississippian	<b>4145', -2047</b>
LTD	<b>4185', -2087</b>
RTD	<b>4185', -2087</b>

## Sample Zone Descriptions

- Cherokee A Sand (4062', -1964):**      **Covered in DST #1**  
 Ss – Quartz, fine to very fine grained, well sorted, sub-rounded, fairly cemented with poor inter-granular porosity, friable in part. light to fair scattered oil stain and saturation in porosity, show of free oil when broken, no odor, good yellow fluorescents, 12-16 units hotwire.
- Cherokee B Sand (4088', -1990):**      **Covered in DST #2**  
 Ss – Quartz, fine to coarse grained, fairly sorted, poorly cemented, sub-rounded with fair to good inter-granular porosity, very light scattered oil stain in cluster, mostly random grains, 4 units hotwire.

**Drill Stem Tests**  
Trilobite Testing, Inc.  
"Andy Carreira"

**DST #1**

**Cherokee A Sand**

Interval (4050' – 4075') Anchor Length 25'

IHP	– 2015 #	
IFP	– 30" – Dead	18-19 #
ISI	– 30" – Dead	37 #
FFP	– 10" – Dead	19 #
FHP	– 1973 #	
BHT	– 110°F	

Recovery: 2' Mud

**DST #2**

**Cherokee A Sand**

Interval (4049' – 4100') Anchor Length 51'

IHP	– 2032 #	
IFP	– 5" – B.O.B. 2 min.	99-163 #
ISI	– 10" – Dead	419 #
FFP	– 5" – B.O.B. 2 min.	170-217 #
FSI	– 10" – Dead	417 #
FHP	– 1899 #	
BHT	– 118°F	

Recovery: 325' Muddy Water

**Structural Comparison**

	American Warrior, Inc. Seltman #7 Sec. 24 T18s R21w 2200' FSL & 1850' FEL		American Warrior, Inc. Seltman #6 Sec. 24 T18s R21w 2181' FSL & 2560' FWL		American Warrior, Inc. Seltman #5 Sec. 24 T18s R21w 2580' FNL & 2596' FEL
<b>Formation</b>					
Anhydrite	<b>1305', +793</b>		1303', +800	<b>(-7)</b>	1293', +806
Base	<b>1340', +758</b>		1336', +767	<b>(-9)</b>	1327', +774
Heebner	<b>3538', -1440</b>		3532', -1429	<b>(-11)</b>	3522', -1421
Lansing	<b>3582', -1484</b>		3576', -1473	<b>(-11)</b>	3566', -1465
BKc	<b>3891', -1793</b>		3887', -1784	<b>(-9)</b>	3877', -1776
Pawnee	<b>3980', -1882</b>		3971', -1868	<b>(-14)</b>	3962', -1861
Fort Scott	<b>4038', -1940</b>		4032', -1929	<b>(-11)</b>	4022', -1921
Cherokee	<b>4054', -1956</b>		4048', -1945	<b>(-11)</b>	4038', -1937
Mississippian	<b>4145', -2047</b>		4128', -2025	<b>(-22)</b>	4118', -2017

## **Summary**

The location for the Seltman #7 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two drill stem tests were conducted over the Cherokee Sands, both of which were negative. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing with plans of converting the Seltman #7 into an injection well to waterflood the Cherokee Sand.

## **Recommended Perforations**

**Cherokee B Sand:                   (4088' – 4098')                   DST #2**

Respectfully Submitted,

Jason Alm  
Hard Rock Consulting, Inc.

