

Kansas Corporation Commission Oil & Gas Conservation Division

1113593

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
□ Oil □ WSW □ SHOW □ Gas □ D&A □ ENHR □ SIGW □ OG □ GSW □ Temp. Abd. □ CM (Coal Bed Methane) □ Cathodic □ Other (Core, Expl., etc.):	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: sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator: Well Name: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	

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:										
☐ Confidential Release Date: ☐ Wireline Log Received										
Geologist Report Received										
UIC Distribution										
ALT I II III Approved by: Date:										

Side Two



Operator Name:			Lease Nam	e:		Well #:	
Sec Twp	S. R	East West	County:				
ime tool open and close	ed, flowing and shut if gas to surface tes	l base of formations per in pressures, whether s t, along with final chart well site report.	shut-in pressure	reached static level,	hydrostatic pressu	ures, bottom he	ole temperature, fluid
Orill Stem Tests Taken (Attach Additional Sh	eets)	Yes No	[Log Formatio	n (Top), Depth and	l Datum	Sample
·	·	□ Voo. □ No	1	Name		Тор	Datum
Samples Sent to Geolog Cores Taken Electric Log Run Electric Log Submitted I (If no, Submit Copy)		Yes No Yes No Yes No Yes No Yes No					
ist All E. Logs Run:							
		Report all strings set-		New Used			
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
		ADDITIONA	L OFMENTINO /	2011575 250022			
Purpose:	Depth			SQUEEZE RECORD	T 1 D-		
Perforate Protect Casing Plug Back TD Plug Off Zone	Top Bottom	Type of Cement	# Sacks Use		Type and Pe	ercent Additives	
Shots Per Foot		N RECORD - Bridge Plu potage of Each Interval Pe			cture, Shot, Cement and Kind of Mat		l Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		,
Date of First, Resumed Pr	oduction, SWD or ENF	Producing Met	thod:	Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil E	bls. Gas	Mcf	Water B	bls. G	as-Oil Ratio	Gravity
DISPOSITION Vented Sold (If vented, Subm	Used on Lease	Open Hole		oually Comp.	nmingled mit ACO-4)	PRODUCTIO	N INTERVAL:

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Ryersee 3-25SW
Doc ID	1113593

Tops

Name	Тор	Datum
Anhydrite	1302	799
Chase	2174	-73
Heebner	3544	-1443
Lansing	2477	-1487
Base Kansas City	3906	-1805
Pawnee	3993	-1892
Ft. Scott	4051	-1950
Cherokee	4066	-1965
Mississippian	4146	-2045
LTD	4190	-2089



	ADDRESS AND A COLOR OF THE PROPERTY OF THE PRO
· ·	CITY, STATE, ZIP CODE

	\neg
	\equiv
•	<u> </u>
•	<u> </u>
	Ш
_	\dashv
•	

Nº 23123

	37	RESPOND	CUSTOMER DID NOT WISH TO RESPOND	Cus:	. 000 1 000 0			
		8	OU SATISFIED WITH OUR SERVICE?	ARE YOU SATISFI	785-798-2300	□ □ P.A.	TIME SIGNED	NTE SIGNED
	XAT		D JOB	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	P.O. BOX 466		ART OF WORK OR DELIVERY OF GOODS	ART OF WORK OR DEL
			SERVICE WAS SERVICE WAS SERVICE WAS	OUR SERVICE WAS PERFORMED WITHO	SWIFT SERVICES, INC.	PRIOR TO	NTY provisions.	IMITED WARRANTY provisions UST BE SIGNED BY CUSTOMER OR CUSTOM
			DOWN?	WITHOUT BREAKDOWN?		, INDEMNITY, and	but are not limited to, PAYMENT, RELEASE, INDEMNITY, and	out are not limited
	PAGE TOTAL	ᇛ	VEY AGREE	OUR EQUIPMENT PERFORMED	REMIT PAYMENT TO:	edges and agrees to	LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side borner which include	LEGAL TERMS: (
20.80	25 00	- - - - - - - - - - - - - - - - - - -	2001		KO Rispid			ad
625/00	1025	_	100 005		MINTFUSA			
4/22 92	90/	M B. Car	423/2 1/6		Dronage			583
00 US 18	200		425 152		Seevia Charc			**
140 00	3-00		400/		DAIR	-		20
2000	2 0		1001/6		Flora Cc			276
7012 50	K B		427.62		SMD Coment			330
100 00	1000	100	AN.		too plige			3/1/2
110 00	1000	101	188		Brille plate			412
300 0	100 to	3 194	11 88		Tup Bolison			404
1250 00	1250 00		1 eq		Pup Cherge			5760
120 8	8		20 n		MILEAGE TEK 114			27.5
AMOUNT	UNIT	QTY. UM	QTY. U/M		DESCRIPTION	LOC ACCT DF	SECONDARY REFERENCE/ PART NUMBER	PRICE
					7	П	INVOICE INGINGING	
21	12.51.56	WEL		lace	Count dec Swy	UR	0	FERRAL LOCATION
			12cation		GORY LOS PIRPOSE	WEALCATEC	U SERVICE U SALES WELL TYPE	
	(10)	Of Series	DEL MERED TO	Gadelins	7) CRUCC RIG NAMENO	CONTRACTOR	TICKET TYPE	
Ē	2	DATE	CITY O A		cou	LEASE	ES WELL/PROJECT NO.	PRVICE LOCATIONS

SWIFT OPERATOR

APPROVAL

SWIFT Services, Inc. **JOB LOG** LEASE Ryfrsee CUSTOMER WOLCOOT PRESSURE (PSI) PUMPS VOLUME (BBL) (GAL) **DESCRIPTION OF OPERATION AND MATERIALS** 425 sk 5mg a/ 3 + flowle 13151 85 × 28 # cusing 32 its Shec;+ 21.079 Centralizor 1,9,27 on loc TRK 114 0930 Start 85 28 casin in well 0950 circulate well 1110 Plane 12 bbl mudflush 43 1135 200 Pup 20 bbl KCL flich 20 1140 46 700 my 5mg 1505 @ 17.5 ppg 62 57 mi/ 5mD 1005 € 13.8 prg 62 29 200 200 20 142 Rease plug 2090n 0010 64 400 0025 wash text into flow ditch job complete 0110 Darc : Blaine **建铁铁铁铁铁铁铁 (35.0)以外外**



CITY, STATE, ZIP CODE

- 6	Ι¥
Ō	⋝
70	RGE
	<u>က</u>
ç	m
	1 , ,
	P 8
	D
	13
	<u>ر درا</u>
	A
	3 00
	K 5 1
-	
	7
	D
1 1 1 4	7
	-
	23
进步的 计	-
1, 24.1	
	944
190	
	100
16	
41.5	
41.	
	100
	1 1 1 1 1
1.00	_ 3.1
	0.12
	· 81

TICKET

_	į	3	
٠,			x
			1. E

WIE SIGNED - 24-12	START OF WORK OR DELIVERY OF GOODS	LIMITED WARRANTY provisions	the terms and conditions on the	LEGAL TERMS: Customer			1119	LIOT	404	103	HOD	281	22)	578	STS	REFERENCE SECON		REFERRAL LOCATION		2	1. NESS CAT K	
TIME SIGNED 7 P.M.	XXI CHIER & DAZENI CRION TO	LIMITED WARRANTY provisions.	the terms and conditions on the reverse side hereof which include	LEGAL TERMS: Customer hereby acknowledges and agrees to				-	-	-		-				PART NUMBER LOC ACCT	NOC I CHO	92		TICKET TYPE CONTRACTOR	WELL/PROJECT NO. 3-25	
	P.O. BOX 466 NESS CITY, KS 67560	SWIFT SERVICES, INC.	ZEMI TAYMEN IO:				POTATE JE HOW RESTAL	Track from Star of Amortal	LATEHDOWN RUG . BATTLE	Censer Basker	Cestronizaes	MUNEUSH	LEOND KCL	Pump CHARGE	MILEAGE # / I)	DF DESCRIPTION		Mer.	ည်	di Signamano	LEASE COUNTYPARISH NESS	CITY, STATE, ZIP CODE
Custom	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? SATISFACTORILY?	WE UNDERSTOOD AN MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOU	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	SURVEY				な											丄		STATE CITY	
TYES IN NO. SERVICE IN NO. IN CUSTOMER DID NOT WISH TO RESPOND	PERAYED THE EQUIPMENT PERFORMED JOB STACTORIL Y? WATER AT PERFORMED TO THE PERFORMENT OF THE PERFORMEN	T DELAY?	FORMED N?	AGREE		-) TOB	L SA	s	182		500 GAZ	2 Ge		20 mg	QTY. UM QTY.			WELL PERMIT NO.	DELIVERED TO	*	
	-			UN- DIS- DECIDED AGREE		-	2			_	5/b"			7		UMIT PROCE		BAZZNE	WELL LOCATION	ORDER NO.	DATE -24	-
TOTAL	TAX	42 4561 25	3645100									6		1500	b.co 120 co	ET AMOUNT		BAZZAIC KK-SE S. E	¥		OWNER	 PAGE OF

SWIFT OPERATOR LANGE LADSW

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

APPROVAL

Thank You!



TICKET CONTINUATION

No. 22681

	582	581																	290	292	784	283	مارد م	325		
																									977 1294 1	· Kan
														·												Ness C
																										Ness City, KS 67560 Off: 785-798-2300
		Ω																	5			10	-41	10		
	TOTAL WEIGHT	SERVICE CHARGE															-		D-A22	Haws - 322	CALSUAL.	SALT	FLOCELE	STANDARD COMENT		AMSTOMER AMSTOMER
	LOWED ALLES																			•						AMERICA WAREN TAX
	TON MICES	CUBIC FEET											_						ર્ગ બ	125/185	80 SE	900 085		2 175 SW		WELL RYSRSSEE
	183,25	170																			S00 US	2		\(\frac{1}{2}\)		AND STATES
	×	2 8													-				35/00		×		21∞	13 50		DATE 6-24-12
																								50 2362 50		2 mg 195
k.	ğ	350 00	 	†-	 	 -	-	 	-	† -	-	F -	† –	-	_	† =	-	-	7000	368175	8	180 00	00 00	80		

JOB LO			3-	Sch)	SWIFT	Serv	ices, Inc. Date 6-24-12 Pageno.
AMEDI	du us	PRIOR IN	WELL NO.	}		LEAGE	4662E	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)	PUMP	S	PRESSUR TUBING		DESCRIPTION OF OPERATION AND MATERIALS
	2300							ON LOCATZON
	0045							STORT 51/2" CASTUR ZU WELL
								70-4190' SET = 4183
 								TP - 4183' 51/2-15.5#
								Q-40'
		 						Certealares - 1,2,3,4,80
								CMT BSKT - 5
	0240				\exists			DROP BALL - CZRCUATE ROTATE
								ORGI DALC CERCOMIE ROIAIE
	0320	7	12				450	PUMP 500 GAL MUDFLUSH
	0322	7	20		/		450	PUMP 20 BELS KCL - FLUSH
	0330		7-5		_			RUC RH (3050) (MH-20515)
	4 2 1 1	Lf			_			
<u></u>	0340		30		4		200	MAX COMENT - 125 SIS EA-2 . 15.4 PPG
	6350							1)
	0330				-			WASH OUT PUMP . LEWES
	0350			-	\dashv			RELEASE LATEH DOWN PLUG
					1			KELAZE OLICH DOM 1500
•	0353	7	0		/			DARNCE AUG
		7	88				900	SHUT OFF ROTATIONS
					\prod			
	7040	61/2	98.6		\perp		1500	PLUS DOWN - PEZ UP GATELITU PLUS
-					4			
	0410				\dashv		OK	Recease Poz. Heus
					+	14 S. 1 J. 1		
				_	+			WASH TRUCK
	0500				+			TOB COMPLETE
	<u>~~~</u>				+			LOS (OTRIETE
				+	\top			YINN YOU
								WANE NECK, DOUG

Geological Report

American Warrior, Inc.

Ryersee #3-25 SW
2250' FSL & 1030' FWL
Sec. 25 T18s R21w
Ness County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. Ryersee #3-25 SW 2250' FSL & 1030' FWL Sec. 25 T18s R21w Ness County, Kansas API # 15-135-25406-0000
Drilling Contractor:	Discovery Drilling Co., Inc. Rig #3
Geologist:	Jason T Alm
Spud Date:	June 18, 2012
Completion Date:	June 24, 2012
Elevation:	2093' Ground Level 2101' Kelly Bushing
Directions:	Alexander KS, West 3 Mi. South and East into location.
Casing:	1315' 8 5/8" surface casing 4189' 5 1/2" production casing
Samples:	10' wet and dry, 3500' to RTD
Drilling Time:	3500' to RTD
Electric Logs:	Log-Tech, Inc. "Dan Martin" CNL/CNL, DIL
Drillstem Tests:	One, Trilobite Testing, Inc. "Jeff Brown"
Problems:	None

None

Remarks:

Formation Tops

	American Warrior, Inc.
	Ryersee #3-25 SW
	Sec. 25 T18s R21w
Formation	2250' FSL & 1030' FWL
Anhydrite	1302', +799
Base	1337', +764
Chase	2174', -73
Heebner	3544', -1443
Lansing	3588', -1487
BKc	3906', -1805
Pawnee	3993', -1892
Fort Scott	4051', -1950
Cherokee	4066', -1965
Mississippian	4146', -2045
LTD	4190', -2089
RTD	4190', -2089

Sample Zone Descriptions

Cherokee B Sand

(4090', -1989): Covered in DST #1

Ss – Quartz, clear, fine to medium grained, sub-rounded, fairly sorted, fairly cemented with poor inter-granular porosity, few rocks with light oil stain when broken, no show of free oil, no odor, 6 units hotwire.

Drill Stem Tests

Trilobite Testing, Inc. "Jeff Brown"

DST #1 Cherokee B Sand

Interval (4066' – 4116') Anchor Length 50'

IHP - 2081 #

IFP - 45" - Built to 1 ½ in. 56-75 #
ISI - 45" - Dead 316 #
FFP - 45" - Built to ¼ in. 67-73 #
FSI - 45" - Dead 250 #

 $\begin{array}{ll} FHP & -2040~\# \\ BHT & -116^{\circ}F \end{array}$

Recovery: 58' Mud

Structural Comparison

	American Warrior, Inc.	Shields Oil Production				
	Ryersee #3-25 SW	Ryersee C #1				
	Sec. 25 T18s R21w	Sec. 25 T18s R21w		Sec. 25 T18s R21w		
Formation	2250' FSL & 1030' FWL	NW NW SW		SE SW NW		
Anhydrite	1302', +799	NA	NA	1299', +799 I		
Base	1337', +764	NA	NA	NA	NA	
Chase	2174', -73	NA	NA	NA	NA	
Heebner	3544', -1443	3540', -1442	(-1)	3544', -1446 (+		
Lansing	3588', -1487	3586', -1488	(+1)	3589', -1491 (+		
BKc	3906', -1805	NA	NA	NA	NA	
Pawnee	3993', -1892	NA	NA	NA	NA	
Fort Scott	4051', -1950	NA	NA	4050', -1952	(+2)	
Cherokee	4066', -1965	NA	NA			
Mississippian	4146', -2045	4144', -2046	(+1)	4131', -2033	(-12)	

Summary

The location for the Ryersee #3-25 SW was found via 3-D seismic survey. The
new well ran structurally as expected via the survey. One drill stem test was conducted
over the Cherokee Sand, results were negative. After all gathered data had been
examined the decision was made to run 5 1/2 inch production casing to use the well for
water injection into the Cherokee Sand.

Recommended Perforations

Injection:

Cherokee B Sand: (4090' – 4095')

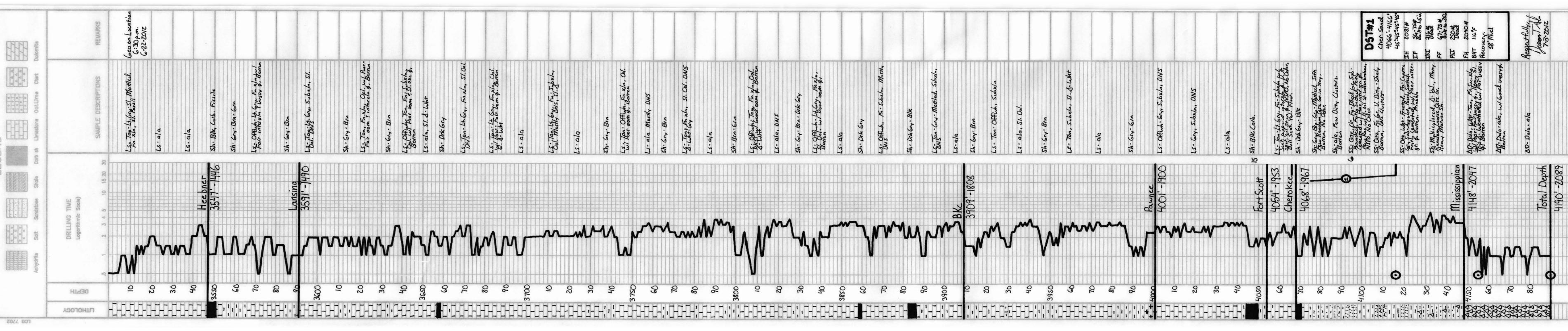
Respectfully Submitted,

Jason T Alm Hard Rock Consulting, Inc.



Geologic Report Drilling Time and Sample Log

Operator American	Warrio	or, inc	•	KB	2101'	
Lease Ryersee		No. 3-25 SW		DF GL	2093'	
API # 15-135-25406	5-0000			Surface	Casing Record	
Field Pabst				8 5/8 Production	" @ 1315'	
Location 2250' FSL	& 103	0' FW	L		" (a) 4189' ical Surveys	
Sec. 25 Twp.	18s	Rge.	21w			
County Ness	State	Kan	isas	1	MEL	
Samples Saved From		3500'	То	RTD	90'	
Samples Saved From Drilling Time Kept From Samples Examined From Geological Supervision From Mud Up 3400'	Type	3500' 3500' 3500' 3600' Chemica	To To To	RTD RTD RTD RTD		
Drilling Time Kept From Samples Examined From Geological Supervision From	Type Log	3500' 3500' 3600'	To To To	RTD RTD	Struct Comp	
Drilling Time Kept From Samples Examined From Geological Supervision From Mud Up 3400' Formation Anhydrite	Log 1302'	3500' 3500' 3600' Chemica Tops	To To To To Samp	RTD RTD RTD	Struct Comp	
Drilling Time Kept From Samples Examined From Geological Supervision From Mud Up 3400' Formation Anhydrite Base	Log 1302' 1337'	3500' 3500' 3600' Chemica Tops , +799 , +764	To To To To 1302 1338	RTD RTD RTD ole Tops ', +799 ', +763	Struct Comp	
Drilling Time Kept From Samples Examined From Geological Supervision From Mud Up 3400' Formation Anhydrite Base Chase	1302' 1337' 2174	3500' 3500' 3600' Chemics Tops , +799 , +764	To To To To al Samp 1302 1338	RTD RTD RTD V; +799 V; +763	Struct Comp NA NA	
Drilling Time Kept From Samples Examined From Geological Supervision From Mud Up 3400' Formation Anhydrite Base Chase Heebner	1302' 1337' 2174 3544',	3500' 3500' 3600' Chemica Tops , +799 , +764 l', -73 , -1443	To T	RTD RTD RTD ole Tops ', +799 ', +763 NA ', -1446	Struct Comp NA NA -1	
Drilling Time Kept From Samples Examined From Geological Supervision From Mud Up 3400' Formation Anhydrite Base Chase Heebner Lansing	1302' 1337' 2174 3544', 3588',	3500' 3500' 3600' Chemics Tops , +799 , +764 l', -73 , -1443 , -1487	To T	RTD RTD RTD V; +799 V; +763 NA V; -1446 V; -1490	Struct Comp NA NA -1 +1	
Drilling Time Kept From Samples Examined From Geological Supervision From Mud Up 3400' Formation Anhydrite Base Chase Heebner Lansing BKc	1302' 1337' 2174 3544', 3588', 3906',	3500' 3500' 3600' Chemics Tops , +799 , +764 1', -73 , -1443 , -1487 , -1805	To T	RTD RTD RTD Sele Tops 1, +799 1, +763 NA 1, -1446 1, -1490 1, -1808	NA NA -1 +1 NA	
Drilling Time Kept From Samples Examined From Geological Supervision From Mud Up 3400' Formation Anhydrite Base Chase Heebner Lansing BKc Pawnee	1302' 1337' 2174 3544', 3588', 3906', 3993',	3500' 3500' 3600' Chemics Tops , +799 , +764 1', -73 , -1443 , -1487 , -1805 , -1892	To T	RTD RTD RTD RTD 1, +799 1, +763 NA 1, -1446 1, -1490 1, -1808 1, -1900	NA NA -1 +1 NA NA	
Drilling Time Kept From Samples Examined From Geological Supervision From Mud Up 3400' Formation Anhydrite Base Chase Heebner Lansing BKc Pawnee Fort Scott	1302' 1337' 2174 3544', 3588', 3993', 4051',	3500' 3500' 3600' Chemics Tops , +799 , +764 1', -73 , -1443 , -1487 , -1805 , -1892 , -1950	To T	RTD RTD RTD RTD St. +799 St. +763 NA St1446 St1490 St1808 St1900 St1953	Struct Comp NA NA -1 +1 NA NA NA NA	
Drilling Time Kept From Samples Examined From Geological Supervision From Mud Up 3400' Formation Anhydrite Base Chase Heebner Lansing BKc Pawnee	1302' 1337' 2174 3544', 3588', 3906', 3993', 4051', 4066',	3500' 3500' 3600' Chemics Tops , +799 , +764 1', -73 , -1443 , -1487 , -1805 , -1892	To T	RTD RTD RTD RTD 1, +799 1, +763 NA 1, -1446 1, -1490 1, -1808 1, -1900	NA NA -1 +1 NA NA	





Prepared For: American Warrior Inc

PO Box 399

Garden City KS 67846

ATTN: Scott Corsair

Ryersee # 3-25 SW

25-18s-21w Ness,KS

Start Date: 2012.06.23 @ 21:53:32 End Date: 2012.06.24 @ 04:58:24 Job Ticket #: 47788 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



American Warrior Inc

25-18s-21w Ness, KS Ryersee # 3-25 SW

PO Box 399

Garden City KS 67846

Job Ticket: 47788 DST#: 1

ATTN: Scott Corsair

Test Start: 2012.06.23 @ 21:53:32

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Initial) ft (KB)

Time Tool Opened: 00:02:24 Time Test Ended: 04:58:24

Unit No:

Tester:

Jeff Brown/Tate Lang

Interval:

4066.00 ft (KB) To 4116.00 ft (KB) (TVD)

Reference Elevations: 2101.00 ft (KB)

4116.00 ft (KB) (TVD)

2093.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8321 Press@RunDepth: Inside

73.49 psig @

4071.00 ft (KB)

2012.06.24

Capacity: Last Calib.: 8000.00 psig

Start Date: Start Time:

Total Depth:

2012.06.23 21:53:33

End Date: End Time:

04:50:24

Time On Btm:

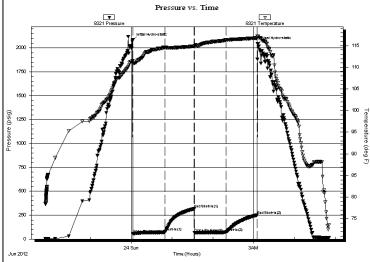
2012.06.24 2012.06.24 @ 00:01:54

Time Off Btm:

2012.06.24 @ 03:05:54

TEST COMMENT: IFP-Weak blow built to 1 1/2

ISI-Dead no blow back FFP-Weak Blow Built to 1/4 FSI-Dead No Blow Back



	PRESSURE SUMMARY						
Ī	Time	Pressure	Temp	Annotation			
	(Min.)	(psig)	(deg F)				
	0	2081.07	111.43	Initial Hydro-static			
	1	55.56	110.96	Open To Flow (1)			
	48	75.34	114.57	Shut-In(1)			
_	91	316.15	114.85	End Shut-In(1)			
empe	91	67.18	114.74	Open To Flow (2)			
Temperature	138	73.49	116.30	Shut-In(2)			
(deg	183	250.26	116.76	End Shut-In(2)			
Ð	184	2040.28	117.10	Final Hydro-static			

Gas Rates

DDECCLIDE CLIMANA DV

Recovery

Length (ft)	Description	Volume (bbl)
58.00	Mud	0.53
	ļ	

Odo Natos							
Chalca (inabaa)	Drocoure (poig)	Coo Roto (Mof/d)					

Trilobite Testing, Inc. Ref. No: 47788 Printed: 2012.06.27 @ 14:22:52



American Warrior Inc 25-18s-21w Ness, KS

PO Box 399

Garden City KS 67846 Job Ticket: 47788 DST#: 1

Test Start: 2012.06.23 @ 21:53:32 ATTN: Scott Corsair

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Initial) ft (KB)

Time Tool Opened: 00:02:24 Time Test Ended: 04:58:24

Interval: 4066.00 ft (KB) To 4116.00 ft (KB) (TVD) Reference Elevations:

Total Depth: 4116.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good KB to GR/CF: Hole Diameter: 8.00 ft

2101.00 ft (KB)

2093.00 ft (CF)

Jeff Brown/Tate Lang

Ryersee # 3-25 SW

Tester:

Unit No:

Serial #: 8737 Outside

Press@RunDepth: 4071.00 ft (KB) 8000.00 psig psig @ Capacity:

Time

(Min.)

Pressure

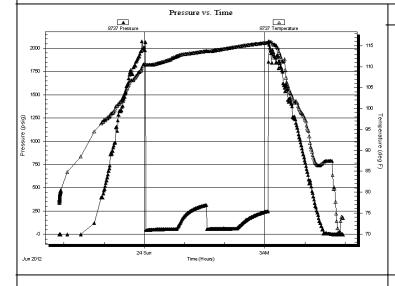
(psig)

Start Date: 2012.06.23 End Date: 2012.06.24 Last Calib.: 2012.06.24

Start Time: 21:53:06 End Time: Time On Btm: 04:57:05 Time Off Btm:

TEST COMMENT: IFP-Weak blow built to 1 1/2

ISI-Dead no blow back FFP-Weak Blow Built to 1/4 FSI-Dead No Blow Back



PRESSURE SUMMARY

Temp

(deg F)

Annotation

Recovery

Length (ft)	Description	Volume (bbl)
58.00	Mud	0.53

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

Trilobite Testing, Inc. Ref. No: 47788 Printed: 2012.06.27 @ 14:22:53



TOOL DIAGRAM

DST#: 1

American Warrior Inc

25-18s-21w Ness, KS

PO Box 399

Ryersee # 3-25 SW

Garden City KS 67846

Job Ticket: 47788

ATTN: Scott Corsair Test Start: 2012.06.23 @ 21:53:32

Tool Information

Drill Pipe: Length: 4026.00 ft Diameter: 3.80 inches Volume: 56.47 bbl Tool Weight: 2200.00 lb 2.70 inches Volume: 0.00 bbl Heavy Wt. Pipe: Length: 0.00 ft Diameter: Weight set on Packer: 2200.00 lb Drill Collar: Length: 31.00 ft Diameter: 2.25 inches Volume: 0.15 bbl Weight to Pull Loose: 64000.00 lb Total Volume: 56.62 bbl Tool Chased 0.00 ft

Drill Pipe Above KB: 19.00 ft
Depth to Top Packer: 4066.00 ft

String Weight: Initial 56000.00 lb Final 56000.00 lb

Depth to Bottom Packer: ft
Interval between Packers: 50.00 ft
Tool Length: 78.00 ft

Number of Packers: 2 Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4039.00		
Shut In Tool	5.00			4044.00		
Hydraulic tool	5.00			4049.00		
Jars	5.00			4054.00		
Safety Joint	3.00			4057.00		
Packer	4.00			4061.00	28.00	Bottom Of Top Packer
Packer	5.00			4066.00		
Stubb	1.00			4067.00		
Perforations	3.00			4070.00		
Change Over Sub	1.00			4071.00		
Recorder	0.00	8321	Inside	4071.00		
Recorder	0.00	8737	Outside	4071.00		
Drill Pipe	31.00			4102.00		
Change Over Sub	1.00			4103.00		
Perforations	10.00			4113.00		
Bullnose	3.00			4116.00	50.00	Bottom Packers & Anchor

Total Tool Length: 78.00

Trilobite Testing, Inc Ref. No: 47788 Printed: 2012.06.27 @ 14:22:54



FLUID SUMMARY

ppm

DST#: 1

American Warrior Inc 25-18s-21w Ness, KS

PO Box 399

Ryersee # 3-25 SW

Garden City KS 67846 Job Ticket: 47788

Test Start: 2012.06.23 @ 21:53:32

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API Water Salinity:

Mud Weight: Cushion Length: 9.00 lb/gal ft bbl

Viscosity: 54.00 sec/qt Cushion Volume:

Water Loss: 8.79 in³ Gas Cushion Type:

Resistivity: Gas Cushion Pressure: ohm.m psig

Salinity: 5200.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
58.00	Mud	0.531

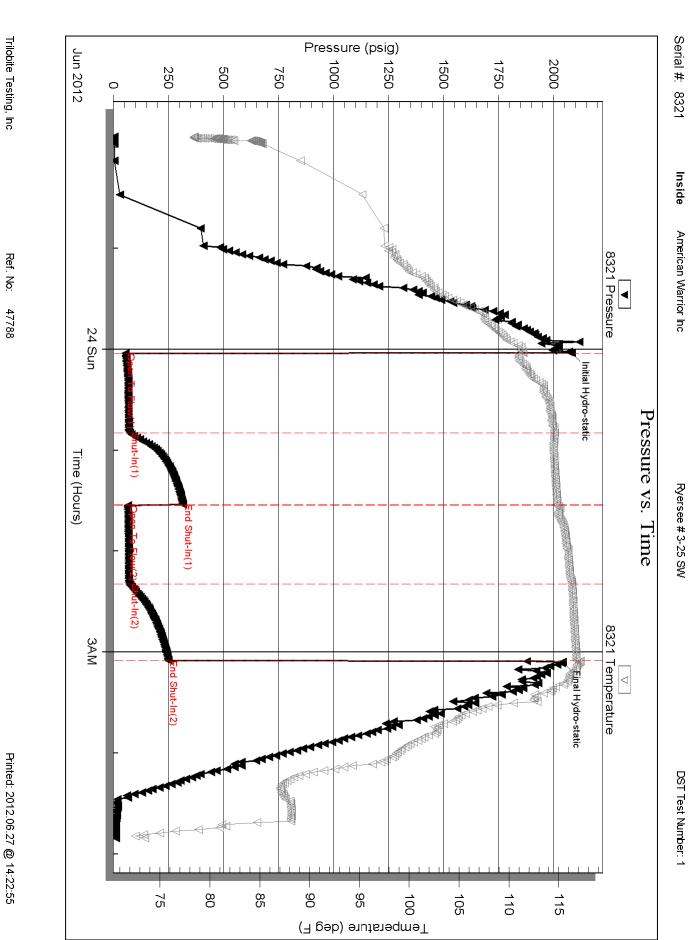
Total Length: 58.00 ft Total Volume: 0.531 bbl

Num Fluid Samples: 0 Num Gas Bombs: Serial #: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Printed: 2012.06.27 @ 14:22:54 Trilobite Testing, Inc Ref. No: 47788



Temperature (deg F)



RILOBITE ESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

No. 47788

4/10		, -,					
Well Name & No. 1 Company Americ Address 3118 C Co. Rep / Geo. 5 Location: Sec. 2 Interval Tested 40 C Anchor Length 5 C Top Packer Depth 4 Bottom Packer Depth 4116	5 Twp. 185 06-4116 061 4066	Rge. 21W Zone Tested C Drill Pipe Run Drill Collars Run Wt. Pipe Run Chlorides 52	Rig Discov co. Ness Herokee So 4026 31	ery # 3	State <u>B</u> and Wt. 9.1 5.4 8.8	-12 3 GL	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 01	01					
IS:	00001140	w Bach					
4	- Weak Blow Bu	^					
Rec_58	Dead No Blow	Dach	%gas	%oil	9/water	0/ mud	
			%gas	%oil	%water	%mud %mud	
	Feet of			0.00			
	Feet of		%gas	%oil	%water	%mud	
	Feet of		%gas	%oil	%water	%mud	
Rec	Feet of	Gravity	%gas	%oil	%water	%mud	
(A) Initial Hydrostatic 208		Test 1250 Mars 250 Safety Joint 7	▲ Test 1250		T-On Location 20:48 T-Started 21:53 T-Open 00:04 T-Pulled 03:04		
(E) Second Initial Flow 67 (F) Second Final Flow 73			☐ Hourly Standby		T-Out 04.58		
(G) Final Shut-In (H) Final Hydrostatic _	2040	Sampler		☐ Ruined	d Shale Packer		
Initial Open 45 Initial Shut-In 45	<u> </u>	☐ Extra Packer		☐ Extra (Packer		
115			Day Standby		Sub Total 0 Total 1717.60		
Final Shut-In	115			MP/DST	Disc't		
			_	CAD:	1111		