

Confiden	tiality Requested:
Yes	No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1198810

Form ACO-1
August 2013
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:			Sec.	Twp S. R	East West
Address 2:			F6	eet from North / Se	outh Line of Section
City: S	tate: Z	ip:+	Fe	eet from East / W	lest Line of Section
Contact Person:			Footages Calculated from	Nearest Outside Section Cor	rner:
Phone: ()			□ NE □ NW	V □SE □SW	
CONTRACTOR: License #			GPS Location: Lat:	, Long:	
Name:				(e.g. xx.xxxxx)	(e.gxxx.xxxxxx)
Wellsite Geologist:			Datum: NAD27	NAD83 WGS84	
Purchaser:			County:		
Designate Type of Completion:			Lease Name:	Well	l #:
	e-Entry	Workover	Field Name:		
	_	_	Producing Formation:		
☐ Oil ☐ WSW ☐ D&A	☐ SWD	□ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing: _	
OG	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total Dep	oth:
CM (Coal Bed Methane)	_ dow	тетір. дай.	Amount of Surface Pipe Se	et and Cemented at:	Feet
Cathodic Other (Con	re, Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes N	No
If Workover/Re-entry: Old Well In			If yes, show depth set:		Feet
Operator:			If Alternate II completion, of	cement circulated from:	
Well Name:			feet depth to:	w/	sx cmt.
Original Comp. Date:	Original T	otal Depth:			
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan	
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from t		
Commingled	Dormit #		Chloride content:	ppm Fluid volume: _	bbls
Dual Completion			Dewatering method used:		
SWD			Location of fluid disposal if	i hauled offsite:	
☐ ENHR			Loodiion of haid diopodal in	nation office.	
GSW	Permit #:		Operator Name:		
_ _				License #:	
Spud Date or Date Re	ached TD	Completion Date or	Quarter Sec	TwpS. R	East _ West
Recompletion Date		Recompletion Date	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
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

Page Two



Operator Name:			Lease Name: _			Well #:		
Sec Twp	S. R	East West	County:					
open and closed, flow and flow rates if gas t	ving and shut-in presson to surface test, along w	formations penetrated. I ures, whether shut-in pro vith final chart(s). Attach	essure reached stati n extra sheet if more	c level, hydrosta space is neede	itic pressures, bott d.	tom hole tempe	erature, fluid r	recovery,
		otain Geophysical Data a or newer AND an image		egs must be ema	ailed to kcc-well-lo	gs@kcc.ks.gov	n. Digital elec	tronic log
Drill Stem Tests Taken (Attach Additional	•	Yes No		_	on (Top), Depth ar		Samp	
Samples Sent to Geo	ological Survey	☐ Yes ☐ No	Nam	e		Тор	Datur	m
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No						
List All E. Logs Run:								
		CASING	RECORD Ne	ew Used				
		Report all strings set-	conductor, surface, inte	ermediate, product	ion, 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 P Additiv	
		ADDITIONAL	OFMENTING / OOL					
Purpose:	Depth		CEMENTING / SQL	JEEZE RECORD		araant Additiraa		
Perforate	Top Bottom	Type of Cement	# Sacks Used		Type and F	ercent Additives		
Protect Casing Plug Back TD								
Plug Off Zone								
Did vou perform a hydra	ulic fracturing treatment o	on this well?		Yes	No (If No, ski	p questions 2 ar	nd 3)	
	=	raulic fracturing treatment ex	xceed 350,000 gallons		= ' '	p question 3)	,	
Was the hydraulic fractu	ring treatment information	n submitted to the chemical	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per			cture, Shot, Cement			Depth
	Сроспу Г	octago of Laon morvar rol	ioratou	(>1	mount and rand or ma	teriar Good)		Борит
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or EN							
Fotimeted Device C	0" -	Flowing			Other (Explain)) O" D "		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf Wate	er B	bls. G	Gas-Oil Ratio	Gr 	ravity
DISPOSITI	ON OF GAS:	1	METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:	
Vented Sold		Open Hole	Perf. Dually	Comp. Con	mmingled			
	bmit ACO-18.)	Other (Specify)	(Submit)	ACO-5) (Sub	omit ACO-4)			

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Clark 2-2
Doc ID	1198810

Tops

Name	Тор	Datum
Anhy	1891'	+968
B/Anhy	1985'	+874
Heebner	4021'	-1162
Lansing	4063'	-1204
B/KC	4548'	-1689
Marmaton	4570'	-1711
Ft.Scott	4665'	-1806
Morrow	4835'	-1976
Mississippian	4866'	-2007

Form	CO1 - Well Completion			
Operator	American Warrior, Inc.			
Well Name	Clark 2-2			
Doc ID	1198810			

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.250	8.625	24	1685	Class A	6%gel, 3%cc



CEMENTING LOG

		ict Libera				Spacer Type 10 bbl water Amt. Sks Yield ft²/sk Density PPG
	Ame			Duke		Amt. Sks Yield ft*/sk Density PPG
Lease				ll No		
County		nney		te	(s	
Location _						LEAD: Time hrs. Type CLASS A
Field						65/35, 6%GEL, 1/4FLOSEAL Excess 50%
Casing Data	☐ Conductor ✓ Surface		diate Pr		Misc.	Amt. 625 Sks Yield 2 ft³/sk Density 12.46 PPG TAIL: Time hrs. Type CLASS A
Size 8	5/8 Type		Weight	24 Collar		3%cc,,1/4 floseal Excess
						Amt. 200 Sks Yield 1.2 ft³/sk Density 15.63 PPG
						WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total BBLS
Casing Dent	ns Top		Rottom	169	97	Pump Trucks Used: 531-541
casing bepti						Bulk Equipment 562-467
						869-841
					17	000 072
Drill Pipe:	BBI S/I	IN. FT	LIN	FT/BBL		
a samuela de Paragona		IN. FT	LIN	FT/BBL		Float Equipment: Manufacturer WEATHERFORD
	tors: BBLS/I	IN. FT	LIN	FT/BBL		Shoe: Type GUIDE SHOE Depth 1697
Casing			.0637 LIN.	FT/BBL		Float: Type AFU Insert Valve Depth 1656
Open Holes			LIN	FT/BBL		Centralizers: Quantity 3 Plugs Top 1 Bottom
Drill Pipe	BBLS/I		LIN	FT/BBL		Stage Collars
Annulus		IN. FT 0	.0735 LIN	FT/BBL	13.6037	Special Equipment Cement Basket @ 680ft
riiiiaias		IN. FT	LIN	FT/BBL		Disp: Fluid Type H2O Amt 105.5 bbls Weight 8.34 PPG
Perforations	From		to	ft Am	t .	Mud Type Weight
CHOIGHOIL						
TIME	PRESSU	RES PSI	FLU	ID PUMPED I	DATA	
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLS/MIN	REMARKS
1230AM						ARRIVE TO LOCATION RUN FLOAT EQUIPMENT
200AM						RIG UP
230AM						CASING ON BOTTOM, RIG UP HEAD TO CIRCULATE
330AM						SAFETY MEETING
340AM	2400		1			PRESSURE TEST
341AM	20		11		6	10 BBL WATER SPACER
346AM	30		234		6	PUMP 223 BBL OF LEAD SLURRY CEMENT
432AM	50		277		6	PUMP 43 BBL OF TAIL SLURRY CEMENT
450AM					4	RELEASE PLUG- START DISPLACEMENT
455AM	80	1	297		5	20 BBL GONE
500AM	160		317		5	40 BBL GONE
505AM	270		337		5	60BBLGONE
511AM	460		357		5	80 BBL GONE
515AM	480	-21	377		3	100 BBL GONE SLOW DOWN TO 3 BPM
520AM	1100		382		3	BUMP PLUG
525AM		7				RELEASE PRESSURE, CHECK FLOATS
535AM						RIG DOWN
630AM						LEAVE LOCATION
						136 BBL OF CEMENT BACK
						BY EMIGDIO'S REQUEST MIX LEAD SLURRY @ 13 # / G
						BY EMIGDIO'S REQUEST MIX LEAD SLURRY @ 13 # / G LEAVE PLUG CONTAINER AND MANIFOLD ON CASING

FINAL DISP. PRESS.	480	PSI	BUMP PLUG TO	1100	PSI	BLEEDBACK	0.5	BBLS	THANK YOU



CEMENTING LOG

					CEMENT DATA	
	14 District Li		_	53095	Spacer Type 10 bbl water	-
Company	American Wa	rrior		Duke # 10	AmtSks Yieldft³/sk Density	PPG
Lease	clark		_Well No _	2-2		
County	Finney		State	Ks	- 	
Location					LEAD: Timehrs. Type CLASS A	
Field					60/40, 6% GEL Excess	
	Conductor PT Surface In	'A termediate	Squeeze Production	☐ Misc. ☐ Liner	Amt. 230 Sks Yield 1.42 ft*/sk Density 13.8 TAIL: Time hrs. Type	PPG
Size 8 5/8	3 Type	Weig	ht 24	Collar_	Excess	
					Amt. Sks Yield ft*/sk Density	PPG
					WATER Lead 6.9 Gal/sk Tail Gal/sk Total	BBLS
Casing Depths	Тор	Во	ttom	1950	Pump Trucks Used: 531-541 Bulk Equipment 869-841	
Drill Pipe:	BBLS/LIN. FT		LIN. FT/BBL			
Open Hole:	BBLS/LIN. FT	0.1458	LIN. FT/BBI		Float Equipment: Manufacturer	
Capacity Factors	s: BBLS/LIN. FT		LIN. FT/BBI		Shoe: Type Depth	
Casing	BBLS/LIN. FT				Float: Type Depth	
Open Holes	BBLS/LIN. FT		LIN. FT/BBI		Centralizers: Quantity Plugs Top Bottom	
Drill Pipe	BBLS/LIN. FT	0.01422	LIN. FT/BBI		Stage Collars	
Annulus	BBLS/LIN. FT	0.044	LIN. FT/BBI		Special Equipment	
	BBLS/LIN. FT		LIN. FT/BBI		Disp: Fluid Type Amt bbls Weight	PPC
Perforations	From	ft to	ft	Amt	Mud Type Weight	_
COMPANY REPR	RESENTATIVE				CEMENTER ALDO ESPINOZA	

TIME	PRESSU	PRESSURES PSI FLUID PUMPED DATA				
АМ/РМ	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLS/MIN	REMARKS
130PM						ARRIVE TO LOCATION
200PM						RIG UP
300PM						SAFETY MEETING
330PM	30		10			PUMP 10 BBL OF FRESH WATER @ 1950 FT
335PM	30		47			PUMP37 BBL OF SLURRY CEMENT WITH 2 BBL BEHIND
349PM	30		69			PUMP 22 BBL OF MUD TO DISPLACE DRILL PIPE
420PM	30		81.6			PUMP12.6 BBL OF SLURRY CEMENT @ 990 FT
425PM	30		92.5			DISPLACE 10.9 BBL OF WATER TO DISPLACE DRILL PIPE
447PM	40		102.5			PUMP 10 BBL OF SLURRY CEMENT @400 FT
450PM	30		105.7			DISPLACE 3.2 BBL OF WATER TO DISPLACE DRILL PIPE
505PM	30		110.7			PUMP 5 BBL OF SLURRY CEMENT @ 60 FT
515PM	10		118.2			PUMP 7.5 BBL OF SLURRY CEMENT TO RAT HOLE
523PM	10		123.2			PUMP 5 BBL OF SLURRY CEMENT TO MOUSE HOLE
530PM						DONE
600PM						RIG UP
630PM						LEAVE LOCATION
			_			THANK YOU

INAL DISP. PRESS.	PSI	BUMP PLUG TO	PSI	BLEEDBACK	BBLS	THANK YOU
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DRILL STEM TEST REPORT

American Warrior Inc.

2-25s-31w-Finney Co, KS

3118 Cummings Rd. Garden City, KS 67846 Clark #2-2

Job Ticket: 56511

DST#: 2

ATTN: Kevin Timson

Test Start: 2014.04.04 @ 19:20:00

GENERAL INFORMATION:

Formation: St. Louis

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: Tester: Cornelio Landa III

Time Test Ended: 01:12:00 Unit No: 75

Interval: 4927.00 ft (KB) To 4942.00 ft (KB) (TVD) Reference Elevations: 2859.00 ft (KB)

Total Depth: 4942.00 ft (KB) (TVD) 2848.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 11.00 ft

Serial #: 8675 Inside

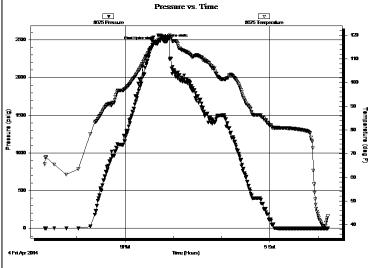
Press@RunDepth: psig @ 4929.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2014.04.04
 End Date:
 2014.04.05
 Last Calib.:
 2014.04.05

 Start Time:
 19:20:15
 End Time:
 01:12:00
 Time On Btm:
 2014.04.04 @ 21:35:45

Time Off Btm: 2014.04.04 @ 21:40:45

TEST COMMENT: PACKER FAILURE



	PRESSURE SUMMARY					
	Time	Pressure	Annotation			
	(Min.)	(psig)	(deg F)			
	0	2481.05	116.96	Initial Hydro-static		
	5	2446.96	117.04	Final Hydro-static		
,						
1						
,						
9						

Recovery

Length (ft)	Description	Volume (bbl)
1128.00	Mud 100m	15.82
* Recovery from mul	tiple tests	

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

Trilobite Testing, Inc Ref. No: 56511 Printed: 2014.04.05 @ 16:29:14



DRILL STEM TEST REPORT

American Warrior Inc.

2-25s-31w-Finney Co, KS

3118 Cummings Rd. Garden City, KS 67846 Clark #2-2

Tester:

Job Ticket: 56511

DST#: 2

ATTN: Kevin Timson

Test Start: 2014.04.04 @ 19:20:00

Cornelio Landa III

GENERAL INFORMATION:

Formation: St. Louis

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened:

Interval:

Total Depth:

Time Test Ended: 01:12:00

01:12:00 Unit No: 75

4927.00 ft (KB) To 4942.00 ft (KB) (TVD) Reference Elevations:

2859.00 ft (KB) 2848.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 11.00 ft

Serial #: 8650 Outside

Press@RunDepth: psig @ 4929.00 ft (KB) Capacity: 8000.00 psig

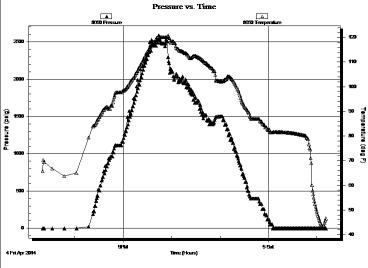
Start Date: 2014.04.04 End Date: 2014.04.05 Last Calib.: 2014.04.05

 Start Time:
 19:20:15
 End Time:
 01:11:45
 Time On Btm:

Time Off Btm:

TEST COMMENT: PACKER FAILURE

4942.00 ft (KB) (TVD)



	PRESSURE SUMMARY					
Ī	Time	Pressure	Temp	Annotation		
	(Min.)	(psig)	(deg F)			
,						
(dex 5)						
,						

Recovery

Length (ft)	Description	Volume (bbl)
1128.00	Mud 100m	15.82
* Recovery from mult	tiple tests	

Gas Rat	es	
Choke (inches)	Pressure (nsig)	Gas Rate (Mcf/d)

Trilobite Testing, Inc Ref. No: 56511 Printed: 2014.04.05 @ 16:29:15



DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

2-25s-31w-Finney Co, KS

3118 Cummings Rd. Garden City, KS 67846 Clark #2-2

Job Ticket: 56511

Serial #:

DST#: 2

ATTN: Kevin Timson

Test Start: 2014.04.04 @ 19:20:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil A Pl:deg A PlMud Weight:10.00 lb/galCushion Length:ftWater Salinity:ppm

Mud Weight:10.00 lb/galCushion Length:ftViscosity:48.00 sec/qtCushion Volume:bbl

7.98 in³ Gas Cushion Type:

Resistivity: 0.00 ohm.m Gas Cushion Pressure: psig

Salinity: 3900.00 ppm Filter Cake: 1.00 inches

Recovery Information

Water Loss:

Recovery Table

Length ft	Description	Volume bbl	
1128.00	Mud 100m	15.823	

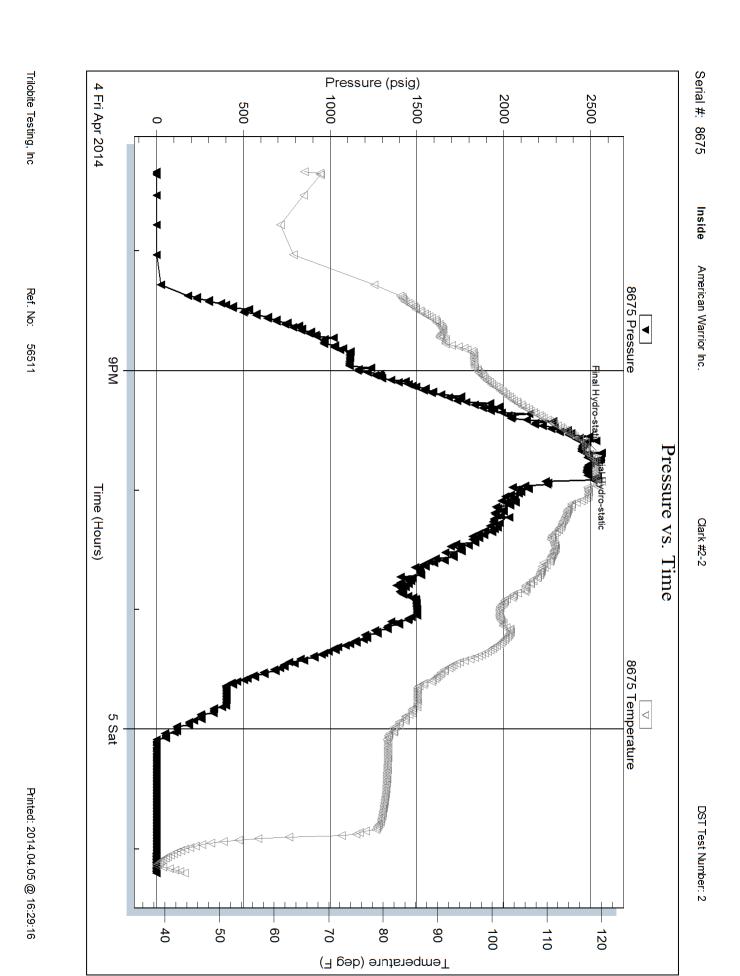
Total Length: 1128.00 ft Total Volume: 15.823 bbl

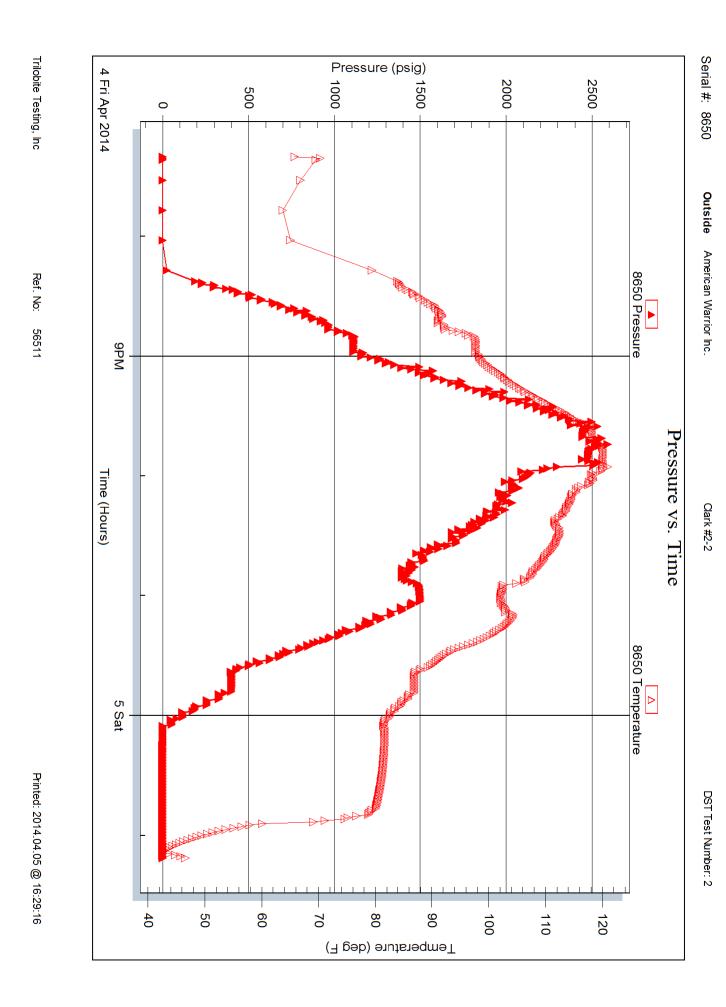
Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 56511 Printed: 2014.04.05 @ 16:29:15





Geological Report

American Warrior, Inc.

Clark #2-2

1705' FNL & 657' FEL

Sec. 2, T25s, R31w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. Clark #2-2 1705' FNL & 657' FEL Sec. 2, T25s, R31w Finney County, Kansas API # 15-055-22290-00-00
Drilling Contractor:	Duke Drilling Co. Rig #10
Geologist:	Kevin Timson
Spud Date:	March 29, 2014
Completion Date:	April 6, 2014
Elevation	2848' G.L. 2859' K.B.
Directions:	From Garden City Airport. Go SE on Hwy 50 1 mile to Aerodrome Rd. Go 1 ½ miles East on Aerodrome and South into location.
Casing:	1685' 8 5/8" #24 Surface Casing
Samples:	4400' to RTD 10' Wet & Dry
Drilling Time:	3900' to RTD
Electric Logs:	Pioneer Energy Services "Y. Ruiz" Stacked-Micro
Drillstem Tests:	Three-Trilobite Testing "Corndog"
Problems:	All three DST's mis-runs

Formation Tops

Clark #2-2 Sec. 2, T25s, R31w 1705' FNL & 657' FEL

Anhydrite	1891' +968
Base	1985' +874
Heebner	4021' -1162
Lansing	4063' -1204
Stark	4421' -1562
Bkc	4548' -1689
Marmaton	4570' -1711
Pawnee	4644' -1785
Fort Scott	4665' -1806
Cherokee	4680' -1821
Morrow	4835' -1976
Miss	4866' -2007
RTD	5100' -2241
LTD	5102' -2243

Sample Zone Descriptions

St. Louis (4866', -2007): Not Tested, 3 misruns

Ls. Tan. Sub crystalline. Fair oomoldic and oolycastic porosity. Poor stain and good poor in porosity. No show of free oil. No odor. 20 Unit kick.

Structural Comparison

Formation	American Warrior, Inc. Clark #2-2 Sec. 2, T25s, R31w 1705' FNL & 657' FEL		American Warrior, Inc. Clark #1-2 Sec. 2, T25s, R31w 2415' FSL & 1145' FEL		Continental Oil Etal Violet K Tate #1 Sec 3, T25s, R31w NW SW NE
Heebner	4021' -1162	-4	4002' -1158	+4	4030' -1166
Lansing	4063' -1204	FL	4048' -1204	+9	4077' -1213
Stark	4421' -1562	+5	4411' -1567	NA	NA
BKC	4548' -1689	+7	4540' -1696	NA	NA
Marmaton	4570' -1711	+9	4564' -1720	NA	NA
Pawnee	4644' -1785	+6	4635' -1791	NA	NA
Fort Scott	4665' -1806	+8	4658' -1814	NA	NA
Cherokee	4680' -1821	+9	4674' -1830	NA	NA
Morrow	4835' -1976	+9	4829' -1985	NA	NA
St. Louis	4866' -2007	+7	4858' -2014	-9	4862' -1998

Summary

The location for the Clark #2-2 well was found via 3-D seismic survey. The new well ran structurally as expected. Three drill stem tests were conducted and all were misruns. After all the gathered data had been examined, the decision was made to plug and abandon the Clark #2-2 well.

Respectfully Submitted,

Kevin Timson American Warrior, Inc.