

# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1105224

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	<b>,</b>		API No. 15
Name: American Warrior,			Spot Description:
Address 1: 3118 Cummings R	ld		NW NE_SE_NW Sec. 15 Twp. 24 S. R. 30 ☐ East  Wes
Address 2: PO BOX 399			1544 Feet from V North / South Line of Section
City: GARDEN CITY	State: KS Z	ip: 67846 +	2299 Feet from East / V West Line of Section
Contact Person: Joe Smith			Footages Calculated from Nearest Outside Section Corner:
Phone: ( 620 ) 275-2963			□NE ØNW □SE □SW
CONTRACTOR: License #_592			County: Gray
Name: Duke Drilling Co., Inc	_		Lease Name: Theresa Well #: 1-15
Wellsite Geologist: Kevin Timso	on		Field Name:
Purchaser:			Producing Formation: None
Designate Type of Completion:			Elevation: Ground: 2837 Kelly Bushing: 2850
	e-Entry	Workover	Total Depth: 4882 Plug Back Total Depth:
	□ swp	_	Amount of Surface Pipe Set and Cemented at: 323 Fee
☐ Oil ☐ WSW ☐ Gas      ✓ D&A	☐ SWD	☐ slow ☐ slgw	Multiple Stage Cementing Collar Used? Yes No
□ Gas 🙀 Dan	GSW	☐ Temp. Abd.	If yes, show depth set: Fee
CM (Coal Bed Methane)	00**		
Cathodic Other (Co	re, Expl., etc.):		If Alternate II completion, cement circulated from:
If Workover/Re-entry: Old Well I	nfo as follows:		feet depth to:w/sx cm
Operator:			
Well Name:			Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date:			
Deepening Re-pe	`	o ENHR Conv. to SWD	Chloride content: 14000 ppm Fluid volume: 60 bbl
☐ necker mile	Conv. t		Dewatering method used: Evaporated
Plug Back:	Pli	ug Back Total Depth	Location of fluid disposal if hauled offsite:
☐ Commingled	Permit #:		Operator Name:
Dual Completion	Permit #:		Lease Name: License #:
☐ SWD	Permit #:		1
ENHR	Permit #:		Quarter Sec. Twp. S. R. East Wes
☐ GSW	Permit #:		County: Permit #:
11/25/2012 12/02	/2012	12/02/2012	
Spud Date or Date R Recompletion Date	eached TD	Completion Date or 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:
☐ Wireline Log Received
✓ Geologist Report Received
UIC Distribution
ALT I I II Approved by: Desrina Garrison Date: 12/20/2012

Side Two

1105224

Operator Name: Am	erican Warrior, Ir	nc.	Lease	Name: _	Theresa		_ Well #:1-	15	
Sec. 15 <sub>Twp.</sub> 24	s. R. <u>30</u>	☐ East 🗹 West	County	r: Gray					
INSTRUCTIONS: Sho time tool open and clo recovery, and flow rate line Logs surveyed. A	sed, flowing and shues if gas to surface to	ut-in pressures, wheth est, along with final ch	ner shut-in pres	sure rea	ched static level	, hydrostatic pres	sures, bottom	hole tempe	rature, fluid
Drill Stem Tests Taken (Attach Additional S		✓ Yes  No	0		og Formatio	on (Top), Depth a	nd Datum	✓ s	ample
Samples Sent to Geol	ogical Survey	✓ Yes  No	0	Nam Attach			Top Datum Attached Attache		atum ached
Samples Sent to Geological Survey  Cores Taken  Electric Log Run  Electric Log Submitted Electronically  (If no, Submit Copy)		0				Alladried			
List All E. Logs Run:									
			SING RECORD	✓ No	ew Used	tion etc		<u> </u>	<del></del>
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Wei Lbs.	ight	Setting Depth	Type of Cement	# Sacks Used		nd Percent
Surface	12.250	8.625	24	716	323	Class A	220	3%CC,2	
		ADDITIO	DNAL CEMENTI	NG / SQI	 JEEZE RECORE	)			
Purpose:  —— Perforate  —— Protect Casing	Depth Top Bottom	Type of Cement	# Sack	s Used	Type and Percent Additives				
— Plug Back TD — Plug Off Zone	-								
Shots Per Foot		ION RECORD - Bridge Footage of Each Interva				acture, Shot, Ceme Amount and Kind of M		rd	Depth
TUBING RECORD:	Size:	Set At:	Packer A	At:	Liner Run:				
Date of First, Resumed	Production, SWD or El	NHR. Producing		ng [	Gas Lift	Yes N			
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wat	· · · · · · · · · · · · · · · · · · ·	Bbls.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		METHOD OI	F COMPL	ETION:		PRODUCT	ION INTERV	/AL:
Vented Sold		Open Hole	Perf.	Dually (Submit		ommingled bmit ACO-4)			
(If vented, Sub	mit ACO-18.)	Other /Specia	67)			I _			

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Theresa 1-15
Doc ID	1105224

# Tops

Heebner	4058'	-1208
Lansing	4106'	-1256
Stark	4429'	-1579
B/KC	4572'	-1722
Marmaton	4599'	-1749
Pawnee	4677'	-1827
Ft.Scott	4702'	-1852
Cherokee	4719'	-1869
St.Gen	4878'	-2028



## DRILL STEM TEST REPORT

American Warrior Inc

15-24-30 Grey, Ks

3118 Cummings Rd p.o. box 399

Theresa #1-15 Job Ticket: 48892

DST#: 1

Garden City, Ks ATTN: Kevin Timson

Test Start: 2012.12.01 @ 17:17:41

#### GENERAL INFORMATION:

Formation:

Morrow

Deviated:

Whipstock: No

0.00 ft (KB)

Conventional Bottom Hole (Initial) Test Type:

Time Tool Opened: 20:19:11

Tester:

Shane McBride

Time Test Ended: 00:10:11

Unit No:

55

Interval:

4814.00 ft (KB) To 4882.00 ft (KB) (TVD)

Reference Elevations:

2850.00 ft (KB)

Total Depth:

4882.00 ft (KB) (TVD)

2837.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

13.00 ft

Serial #: 6667 Press@RunDepth: Inside

18.96 psig @

4815.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2012.12.01

End Date:

2012.12.01

Last Calib.:

Start Time:

17:17:41

End Time:

23:55:11

Time On Btm:

2012.12.02

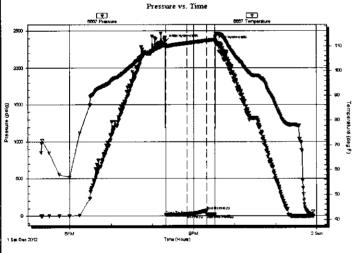
Time Off Btm:

2012.12.01 @ 20:18:56 2012.12.01 @ 21:31:26

TEST COMMENT: 1/4"in blow died in 12 min

No return

No blow, pull tool after 10 min.



		PI	RESSUR	E SUMMARY
1	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
'	0	2360.66	110.46	Initial Hydro-static
	1	16.60	110.02	Open To Flow (1)
	31	18.96	111.15	Shut-In(1)
_	60	72.31	112.18	End Shut-In(1)
епре	61	18.93	112.16	Open To Flow (2)
insture	73	19.46	112.53	Shut-In(2)
Temperatura (dag F.	73	2339.17	113.45	Final Hydro-static
J				

#### Recovery

Length (ft)	Description	Volume (tibl)
2.00	mud 100% m	0.01

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

Ref. No: 48892

Printed: 2012.12.02 @ 04:17:52



# DRILL STEM TEST REPORT

**FLUID SUMMARY** 

American Warrior Inc

15-24-30 Grey, Ks

3118 Cummings Rd p.o. box 399 Garden City, Ks

Theresa #1-15 Job Ticket: 48892

DST#: 1

ATTN: Kevin Timson

Test Start: 2012.12.01 @ 17:17:41

#### **Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Viscosity:

Mud Weight: 9.00 lb/gal Cushion Length: Cushion Volume: Water Salinity:

0 ppm

Water Loss:

57.00 sec/qt 8.75 in<sup>3</sup>

Gas Cushion Type:

ft bbl

Resistivity:

0.00 ohm.m 2600.00 ppm

Gas Cushion Pressure:

psig

Salinity: Filter Cake:

1.00 inches

#### **Recovery Information**

#### Recovery Table

Length ft	Description	Volume bbl	
2.00	mud 100% m	0.010	

Total Length:

2.00 ft

Total Volume:

0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

Laboratory Name:

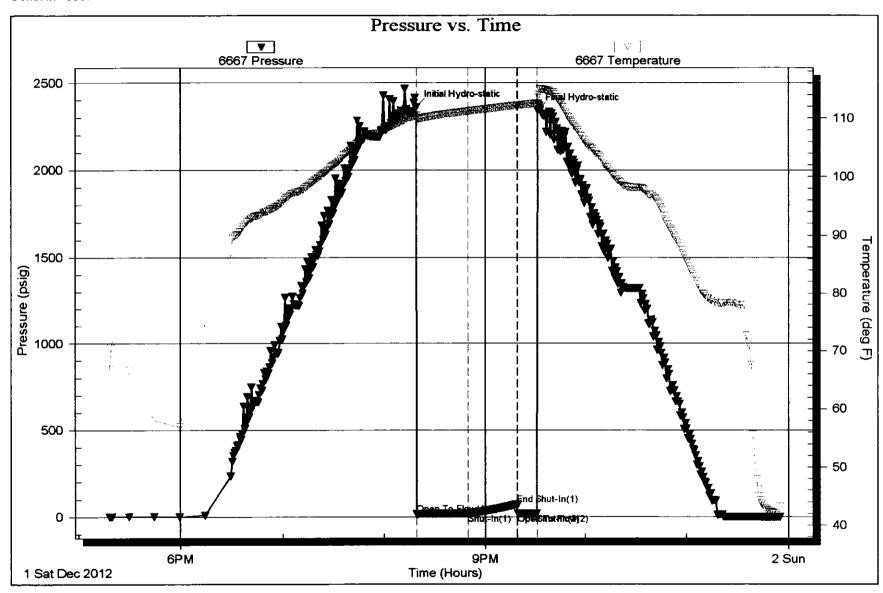
Recovery Comments:

Laboratory Location:

Trilobite Testing, Inc

Ref. No: 48892

Printed: 2012.12.02 @ 04:17:54



# ALLIED OIL & GAS SERVICES, LLC 052632

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665		3ERV	ICE POINT:	al ks
DATE 11-25-12 SEC. 5 DVP. RANGE 30 W.	AULED OUT	ON LOCATION	IOB START	JOB FINISH
			COUNTY	5200 STATE
LEASE WELL 1-10 LOCATION N. E. Loc	arden Cit	1 45.	Gray	)=-S-
OLD OR NEW (Circle one)			1.01	$\eta_{s} \Psi^{s}$
CONTRACTOR DUKE # 9.	OWNER A	Seciens	Warrio-	
TYPEOFIOE Surface	CEMENT			
HOLE SIZE 19.14 T.D. 327 CASING SIZE 8 28 # DEPTH 310.47	AMOUNT ORD	EDED 902	۸ ساء ۸	37 cc
TUBING SIZE DEPTH	2% Gel	. I/u to	ster Ele S	- <u>-                                  </u>
DRILL PIPE DEPTH		/t-= 11t-s	213.1.12.2	<u> </u>
TOOL DEPTH		- 1455		
PRES. MAX 100 PSF MINIMUM	COMMON 2	<u>205K A"</u>	_@ <u>17.90</u>	3938.00
MEAS. LINE SHOE JOINT	POZMIX			
CEMENTLEFTINCSG. 30 feet	GEL <u>긕</u>	<u> </u>	@ <u>23</u> 70	93.60
PERFS.	CHLORIDE _S	8 <u> </u>	@ <u>Z4,40</u>	215.00
DISPLACEMENT 17.5 BBIS	ASC	50 1b	<del>@</del> a 47	148.50
EQUIPMENT	Fla Seas	30 15	_	140.55
			~ <b>~</b>	/
PUMPTRUCK CEMENTER Duben Chause			- ĕ	
550/484 HELPER Cesar Pavia I'			<b>@</b>	
# 562/554 DRIVER 17 cardo Estrada			_@	-
BULK TRUCK			_@	
# DRIVER	HANDLING 2	day C ()	_@ _ <u>৪.শ</u> চ	580.32
	MILEAGE 5	37 Cu 7F	. 9 40	1118 36
DEMARKS.	MILEAGE	7.1.710 H		
REMARKS:			TOTAL	6,690,98
(V) x + pump 2 20 sk of coment				
and displaced with 17.5 BBU		SERVI	CE	
10 BBIS of slurry. Left swedge	DEPTH OF JOI	······		327 feet
and valve on casing.	PUMPTRUCK		····	1517 25
	EXTRA FOOTA	AGE	@	
Thank you	MILEAGE Le		Jø 77°	385**
	MANIFOLD_	<del>, , , , , , , , , , , , , , , , , , , </del>	_@	~~
		Inde 501	6 H 4 E	220
Δ ω	Dureyes A	Malve 1	_@_3&^	360
CHARGE TO: American Warrien				9 117225
STREET			TOTAL	8,477.25
CITY STATE ZIP				
CITYSTATEZIP	1	LUG & FLOA	T EQUIPMEI	NT
			@	
			_ @ <u></u>	
To: Allied Oil & Gas Services, LLC.		·		
You are hereby requested to rent cementing equipment			_@	
and furnish cementer and helper(s) to assist owner or	• • • • • • • • • • • • • • • • • • • •		@	
contractor to do work as is listed. The above work was				
done to satisfaction and supervision of owner agent or				L
contractor. I have read and understand the "GENERAL	CAUECTAV ()	54 34	9.56	
TERMS AND CONDITIONS" listed on the reverse side.	SVITES INV (I	TARY)———	10 03	ं भ
i = 1	TOTAL CHAR	(Any) <u>34</u> GES <u>9 14</u>	20,20	
PRINTED NAME FESTIANDO JUTADO	DISCOUNT _	18 33 c	65 IF PA	ID IN 30 DAYS
SIGNATURE Fernando Jurado	NET=	7,334.	58	

# ALLIED OIL & GAS SERVICES, LLC 059119

REMIT TO P.O. SOUT		<del>99</del> , TEXAS 7	6092		SEK	VICE POINT: Great Bo	nd KS
DATE /2-2-/2	SEC.	TWP. 245	RANGE 30 W	CALLED OUT 12'30 AM	ON LOCATION	JOB START 8:30AH	108 FINISH 9'304 M
LEASEThorse	WELL #	1515	LOCATION TO	digere to Hetier di Twa West fo	Whitepa South	COUNTY	STATE K.5
OLD OR (VEV) (C		-			/ SHILLS,	T 7 .	<u> </u>
OLD OR NEW (C	ircie one,		South Inte	keetien.		$\mathbf{J} = \frac{1}{120} \hat{\beta}$	'].'
CONTRACTOR	Puke "	9		OWNER A	verteah Warr	lar I	•
TYPE OF JOB	PTA						
HOLESIZE 70	4"	T.I	) UESL	CEMENT			
CASING SIZE 9	5/8	24 DE	PTH 323	АМОИЙТ О	RDERED <u>300s</u>	60140+	4% Cel
TUBING SIZE	<u></u>	DI	PTH	<u>+,25 %y</u>	Fla-Seel		
DRILL PIPE 4%	1" 20		PTH 1960				
TOOL			EPTH				
PRES. MAX			INIMUM	COMMON	130 180	@ 17.90	3.333
MEAS, LINE			IOE JOINT	POZMIX _		_@ <u>9-35</u>	. <u>.// 33 . es</u>
CEMENT LEFT I	IN CSG.			GEL _	10	@ <u>_23.Y</u>	5 <u> </u>
PERFS.				CHLORIDE		_@	
DISPLACEMENT	<u>r</u>			ASC			
	EQ	UIPMEN	T	c alt	=11 75	_@ <u>.2.97</u>	222.75
						_@	
PUMP TRUCK	CEMEN	TER CA	rles Elkins 1			@	
# 398	HEI PE	RTrint 1	lall 2.			@	
BULK TRUCK							
BULK TRUCK 482/188	DRIVE	R Den Co	asper lu				
BULK TRUCK			4		-		
#	DRIVE	R		HANDI INC	377	_@ <u>ス・yも</u>	790 54
					3.45 X 50 X	_ <sup>@</sup> 수 구 수	1.748.3
	-	ma 4 4 m + 7 m					
		EMARKS		1 .	92.5	ATOT	L <u>7. 347. °</u>
Set 1/2910 191	10' 1 6.51	1 Kisem	1,284 (50	<u>s) (</u> ,	$D_{\Sigma U_{\pi}}$		
Set Play 2@ 120	W:65F	MY FOCULLY	8FW (80	<b>5)</b> }	SERV	ICE	
Set 114 4@ 34	0': LSP	1 15 cm	3FW (50			2	
Jet 11.4 46 34	ES Fle	12.6 cput	1 Fler (50:	UL DEPTH OF	юв <u>/</u>	760	***
5.+ P14 5@ LC	- Jem	1,14.14	(10	PUMPTRU	CK CHARGE	<u> </u>	<u> </u>
The Rat Holes	W 174 7.5	CW+	(31		OTAGE	@	345 60
Plug Mouse He	<u>אויע א</u>	3c MT	V.		Hum 50	@ <del>7.70</del>	385.00
				— MANIFOLD		@	720.00
				b	um 50	<u> </u>	A20.
	A		.1			@	
CHARGE TO:	Theric	an Was	7.80				9º
STREET						TOTA	L 2.854. 2
CITY		STATE	ZJP	<del></del>	PLUG & FLOA	T FOUIPME	NT
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			_			@	···
To: Allied Oil d						@	
			ementing equipmen			_ ø	
			) to assist owner or			_ ~	
			The above work w				
done to satisfac	tion and	supervisio	n of owner agent o	ır			ւ
contractor. I ha	ve read a	and unders	and the "GENER	AL	((If Any)	10.10	
			led on the reverse s	ide. SALES TAX	C (If Any)	75	
	·••			ארדאו בש	ARGES 11.26	2.	
		10		2572	2.53	0. 4	
PRINTED NAM	E Ł MŻ	tio [Sq]	25	DIŜČOÚŇT		IF P/	JID IN 30 DAYS
PRINTED NAM			,		7/	57.07	1
PROMITTION A	11/2	lin IL.	•		1.6	, , , ,	
SIGNATURE 4	CANCOLL.	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		<del></del>			

# **Geological Report**

American Warrior, Inc.

**Theresa #1-15** 

1544' FNL & 2299' FWL

Sec. 15, T24s, R30w

Gray County, Kansas



American Warrior, Inc.

## **General Data**

Well Data:	American Warrior, Inc. Theresa #1-15 1544' FNL & 2299' FWL Sec. 15, T24s, R30w Gray County, Kansas API # 15-069-20417-0000
Drilling Contractor:	Duke Drilling Co. Rig #9
Geologist:	Kevin Timson
Spud Date:	November 25, 2012
Completion Date:	December 2, 2012
Elevation	2837' Ground Level 2850' Kelly Bushing
Directions:	From Southeast side of Garden City, KS at intersection of Hwy 50 and Pole Line Rd. Go 7 miles East on Pole Line Rd to 4 Rd. Now go 1 mile North on 4 Rd to C Rd. Now go ½ mile West on C Rd and South into location.
Casing:	#24 8 5/8" surface casing set @ 323' with 220 sacks Class A, 3% c.c, 2% gel.
Samples:	4000' to RTD 10' wet and dry,
Drilling Time:	4000' to RTD
Electric Logs:	None
Drillstem Tests:	One Trilobite Testing "Shane McBride"
Remarks:	None

# **Formation Tops**

**Formation** 

Heebner

Lansing

Stark

BKc

Marmaton

Pawnee

Fort Scott

Cherokee

Atoka

Morrow

St. Gen

**RTD** 

American Warrior, Inc.

Theresa #1-15

Sec. 15, T24s, R30w

1544' FNL & 2299' FWL

4058' -1208

4106' -1256

4429' -1579

4572' -1722

4599' -1749

4677' -1827

4702' -1852

4719' -1869

NA

4865' -2015

4878' -2028

4882' -2032

## **Sample Zone Descriptions**

Pawnee Limestone (4673', -1813): Not Tested

Limestone tan. Sub to fine crystalline. Poor oomoldic porosity and poor oolycastic porosity. Barren.  $\Delta$ -off white

Morrow Sandstone (4859', -1999): Covered in DST #1

Sandstone gray. Very fine to fine grain. Poor intercrystalline porosity. No stain. No saturation. No show of free oil. No odor. 0 unit hotwire. Very dirty sand, samples primarily shale.

## **Drill Stem Tests**

Trilobite Testing Inc. "Shane McBride"

DST #	<i>‡</i> 1	I	١	1	[	o	ľ	ı,	(1	0	۲	٨	7

Interval (4814' - 4882') Anchor Length 68'

IHP - 2360 #

IFP - 30" – Built to ¼ inch blow. Died at 12 min. 16-18 #

ISI - 30" – No Return 72 #

FFP - 10" – No Blow 18-19 #

NA

FSIP - Pull tool

FHP - 2339 # BHT - 113 ° F

Recovery: 2' Mud

# **Structural Comparison**

Formation Heebner Lansing	American Warrior, Inc.  Theresa #1-15  Sec. 15, T24s, R30w  1544' FNL & 2299' FWL  4058' -1208  4106' -1256	-12 -11	American Warrior, Inc.  Wehkamp #1-15  Sec. 15, T24s, R30w  394' FNL & 652' FWL  4052' -1196  4101' -1245	-13	American Warrior, Inc. O'Brate-Gray #1-9 Sec. 9, T24s, R30w 449' FSL & 335' FEL 4051' -1195
Stark				-4	4108' -1252
BKC	4429' -1579	-11	4424` -1568	-7	4428' -1572
	4572` -1722	-5	4573` -1717	-10	4568' -1712
Marmaton	4599' -1749	-8	4597' -1741	-10	4595' -1739
Pawnee	4677' -1827	-13	4670' -1814	-18	4665' -1809
Fort Scott	4702' -1852	-12	4696' -1840	-17	4691' -1835
Cherokee	4719' -1869	-15	4710' -1854	-20	4705' -1849
Atoka	NA	NA	4801' -1945	NA	4797' -1941
Morrow	4865' -2015	-32	4839' -1983	-35	4836` -1980
St. Gen	4878' -2028	NA	NA	-36	
:				-30	4848` -1992

# **Summary**

The location for the Theresa #1-15 well was found via 3-D Seismic survey. One drill stem test was conducted, which was negative. After all the gathered data had been examined the decision was made to plug and abandon the Theresa #1-15 well.

Respectfully Submitted,

Kevin Timson American Warrior, Inc. RAGE 6 --BLANK ORIGINAK