

### Kansas Corporation Commission Oil & Gas Conservation Division

### 1086764

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:	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 SWD SIOW 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?
If Workover/Re-entry: Old Well Info as follows:	
Operator: Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:   Deepening Re-perf. Conv. to ENHR Conv. to SWD  Conv. to GSW	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:
GSW Permit #:  Spud Date or Date Reached TD Completion Date or	County: Permit #:
Recompletion Date  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:							
Wireline Log Received							
Geologist Report Received							
UIC Distribution							
ALT I II Approved by: Date:							

Side Two



Operator Name: \_ Lease Name: \_ \_ Well #: \_ 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 Wireline Logs surveyed. Attach final geological well site report. **Drill Stem Tests Taken** Yes No Log Formation (Top), Depth and Datum Sample (Attach Additional Sheets) Name Top Datum Samples Sent to Geological Survey ☐ Yes □ No Cores Taken Yes No Electric Log Run Electric Log Submitted Electronically Yes No (If no, Submit Copy) List All E. Logs Run: CASING RECORD Used New Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight # Sacks Type and Percent Type of Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Additives Depth Cement Used ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth TUBING RECORD: Size: Set At: Packer At: Liner Run: No Yes Producing Method: Date of First, Resumed Production, SWD or ENHR. Pumping Gas Lift Other (Explain) Flowing **Estimated Production** Bbls. Water Bbls. Gas-Oil Ratio Oil Gas Mcf Gravity Per 24 Hours **DISPOSITION OF GAS:** METHOD OF COMPLETION: PRODUCTION INTERVAL: Open Hole Dually Comp. Perf. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.)

Other (Specify)

Form	CO1 - Well Completion						
Operator	American Warrior, Inc.						
Well Name	Herman 2-24						
Doc ID	1086764						

### Tops

Name	Тор	Datum
Heebner	4177'	-1757
Lansing	4310'	-1890
Stark	4619'	-2199
B/KC	4697'	-2277
Marmaton	4751'	-2331
Cherokee	4879	-2459
Mississippian	4988'	-2568
Warsaw	5027'	-2607

# ALLIED OIL & GAS SERVICES, LLC 052452 Federal Tax I.D.# 20-5975804

REMIT TO P.O. E	SE	SERVICE POINT:  Liberal KS							
DATE 6-11-12	SEC.24	TWEフ	RANGE 2	C	ALLED O	UT	ON LOCATION	JOB START	JOB FINISH
LEASE Herman	WELL#	2-24	LOCATION A	lorth	op	Ford	Ks	COUNTY	STATE
CONTRACTOR TYPE OF JOB HOLE SIZE 1/2	oke di Surface			10	OWN				
CASING SIZE TUBING SIZE			тн 262.0	13	AMO		DERED 200	SK class	A
DRILL PIPE		DEF			-			2.00	
TOOL		DEF	TH			31230			
PRES. MAX		MIN	IIMUM		COM	MON	200	@ 16.25	3250.00
MEAS. LINE		SHO		4 84	POZM	IIX		@	
CEMENT LEFT IN	N CSG.	44. Ft			GEL		4	@ 21.25	85.00
PERFS.					CHLC	RIDE _		@58.20	407.40
DISPLACEMENT		3.88	66/		ASC_			@	
	EQU	IPMENT						@	
								@	
PUMP TRUCK	CEMENTI	ER Jo	El Gorzal	102					
#549550	HELPER	1.enn	, B.		-				
BULK TRUCK	***************************************		,		-			@	
#470-528	DRIVER	Dane	1 %		-			@	
BULK TRUCK								e	
#	DRIVER				HANI	DLING_	211	@2,25	474.75
	REI	MARKS:					X mil. X.	.il	1160-50 5377-65
Entered to the second							SER	VICE	
		- 1						<del></del>	
		011				H OF JOI			280
	16 1	DU.					CHARGE _		1125.00
Than	1-1					RA FOOT		@	750.00
						AGE He		<u> </u>	350.00
					MAN	IFOLD ±			200.00
						Lish	7 50	@ 4.00	200:00
4		1.1.	1						
CHARGE TO: A		warn	ws Inc					TOTA	1875.00
CITY	ST	ATE	719						
CITY						1	LUG & FLO	DAT EQUIPME	NT
					All	8-1	8		
					Ba	ffle	plate.	@ 112.00	112.00
								@	>
To: Allied Oil &	Gas Servi	ices, LLC			rush	er plus		@ 112.00	112.00
You are hereby i				nent				@	
and furnish cem								@	
contractor to do									# 2011 22
done to satisfact								TOTA	224.00
contractor. I have		-							
TERMS AND C					SALE	ES TAX (I	f Any)		
. DAGING MIND C					TOT	AL CHAR	GES 74	176.65	
PRINTED NAME	Scor	r En.	DADISK				204		
PRINTED NAME	2001				DISC	COUNT	d//e		ID IN 30 DAYS
SIGNATURE	Swit	+ 8d	wards			\$	5981	.32	

## ALLIED OIL & GAS SERVICES, LLC 053453 Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

SERVICE POINT:

DATE 6/25/12 24 15	ANGE 22W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
	CATION			COUNTY	STATE.
OLD OR(NEW)(Circle one)	CATION			Ford	16x>
- \ #1-				J	
CONTRACTOR Dake # 10		OWNER A	MORICON	Walsin	7 (
TYPE OF JOB PTA		-			
	1570	CEMENT	944550000000000000000000000000000000000		
	1262	AMOUNT OR	DERED 2505	5, 51 450	CA GOIYA
TUBING SIZE DEPTH		F07+436	Je (+ Vy Flo	real	
	1570	-			
TOOL DEPTH		_			
PRES. MAX MINIM	UM	COMMON		_@	
MEAS. LINE SHOE J	IOINT	POZMIX		@	
CEMENT LEFT IN CSG.		GEL		0	
PERFS.		_ CHLORIDE _		@	
DISPLACEMENT		ASC		@	
EQUIPMENT		ALC	250	@ 14.50	3625,00
2011		FloSec			167-40
DUILOR TRUICK	0 - 4:			_	
PUMPTRUCK CEMENTER Design		ibed Chavet	III		
#549-550 HELPER Canty C	meza	-	The state of the s	_	
BULK TRUCK					
#457-251 DRIVER RUPER	Chavez	-		@	
BULK TRUCK				@	
# DRIVER		- HANDLING 2	5006	@ 2,25	562.50
		MIL FACE SO	×250=12500		137.500
DEMARKS.		MILLAGE			
REMARKS:				TOTAL	5729.90
1570 50 sks		-			
730' 80iki		2	SERVI	CE	
300 505KS					
60° Zorks		DEPTH OF JO	B 1570		
Rat hole 301ks		_ PUMP TRUCK	CHARGE Plan	04:40	1250.00
Mousehole Losks		mx rmn . maan		6	
Total 2505 ks			Col year	@ 7-00	200-00
Thankyou		- MANIFOLD _	-	@	
		Light Poty	(ATlazge 100	@ 4,00	400,00
CHARGE TO: AMERICAN WO		***************************************		_@	
CHARGE TO: HWIGH TEGA WO	CLIDE	-		TOTAL	2350.00
STREET		_		TOTAL	ر ب ب ب ب ب ب ب
CITYSTATE	ZIP	_			Ton.
			PLUG & FLOAT	LEQUIPMEN	N 1
				_@	
To: Allied Oil & Gas Services, LLC.	Ř.	the second services			
You are hereby requested to rent cemen	ting equipment	A			
and furnish cementer and helper(s) to a	ssist owner or				-
contractor to do work as is listed. The					
done to satisfaction and supervision of				TOTAL	
contractor. I have read and understand					
			If Any)		
TERMS AND CONDITIONS" listed or	n me reverse side			9 90	
NOW NO AS A		TOTAL CHAI	RGES 807	1010	
PRINTED NAME Everet W	igdon	_ DISCOUNT _	6463.92	IF PA	ID IN 30 DAYS
SIGNATURE PA 969	/ ,				

**OPERATOR** 

Company: American Warrior, Inc. Address: 3118 Cummings Road

P.O. Box 399

Garden City, KS 67846

Contact Geologist: Kevin Wiles Contact Phone Nbr: 620-275-2963 Well Name: Herman # 2-24

Location: Sec 24 - T27S - R22W API: 15-057-20812-00-00 Field: Konda Southeast

State: Kansas Country: USA

Scale 1:240 Imperial

Well Name: Herman # 2-24

Surface Location: Sec 24 - T27S - R22W

Bottom Location:

API: 15-057-20812-00-00

License Number: 4058 Spud Date: 6/11/2012

te: 6/11/2012 Time: 12:00 AM

Region: Ford County mpleted: 6/19/2012

Drilling Completed: 6/19/2012 Time: 3:50 PM Surface Coordinates: 335' FNL & 400' FWL

**Bottom Hole Coordinates:** 

Ground Elevation:

round Elevation: 2409.00ft K.B. Elevation: 2420.00ft

Logged Interval: 4000.00ft To: 5047.00ft

Total Depth: 5047.00ft
Formation: Mississippian

Drilling Fluid Type: Chemical/Fresh Water Gel

**SURFACE CO-ORDINATES** 

Well Type: Vertical

Longitude: Latitude:

N/S Co-ord: 335' FNL E/W Co-ord: 400' FWL

**LOGGED BY** 

Keith Reavis

Consulting Geologist

Company: Keith Reavis, Inc. Address: 3420 22nd Street

Great Bend, KS 67530

Phone Nbr: 620-617-4091

Logged By: Geologist Name: Ted Pfau

**CONTRACTOR** 

Contractor: Duke Drilling Co., Inc.

Rig #: 10

Rig Type: mud rotary

 Spud Date:
 6/11/2012
 Time:
 12:00 AM

 TD Date:
 6/19/2012
 Time:
 3:50 PM

Rig Release: Time:

**ELEVATIONS** 

K.B. Elevation: 2420.00ft Ground Elevation: 2409.00ft

K.B. to Ground: 11.00ft

NOTES

Due to the poor shows in samples and poor results from DST #1, it was decided by all parties to refrain from running electric logs and plug and abandon the well.

An analog gas detector operated by MBC Well Logging was employed on this well. This was switched to a TookeDAQ gas detector during DST #1

gas actedior daring bot in i.

The samples from this well were saved and will be available for review at the Kansas Geological Survey Well Sample Library located in Wichita, KS.

Respectfully submitted, Ted Pfau

**DDR** 

## American Warrior, Inc. dally drilling report

DATE	7:00 AM DEPTH	REMARKS
06/17/2012	4482	Geologist Ted Pfau on location @ 1445 hrs, 3940 ft., drilling ahead Heebner, Douglas, drilling Lansing
06/18/2012	4935	drilling ahead through Lansing, Stark, BKC, Marmaton, Cherokee
06/19/2012	5040	drilled through Cherokee and Missippian, CFS at 5010, 5030, 5035, 5040, Short trip and TOH for DST #1 at 5040 Finished DST #1 at 1026 hrs 6/19, TIH, resume drilling, cfs at 5047 TD at 5047, geologist released 1755 hrs

**WCS** 

## American Warrior, Inc. well comparison sheet

		DRILLING	COMPARISON WELL				COMPARISON WELL					
	Herman 2-24 335' FNL & 400' FWL Sec 24 T27S R22W				Am. Warrior - Linlor A6 425' FSL & 2300' FEL Sec 14 T27S R22W				Am. Warrior - Herman 1-24 1044' FNL & 354' FWL Sec 24 T27S R22W			
						Structural					Structural	
	2420 KB			2421 KB		Relationship		2418 KB		Relationship		
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Heebner	4177	-1757	No		4169	-1748	-9		4176	-1758	1	
Douglas	4205	-1785	e-logs		4204	-1783	-2		4211	-1793	8	
Lansing	4310	-1890	run		4305	-1884	-6		4309	-1891	1	
Stark Shale	4619	-2199			4615	-2194	-5		4614	-2196	-3	
Base KC	4697	-2277	3		4695	-2274	-3		4696	-2278	1	
Marmaton	4751	-2331	8		4747	-2326	-5		4753	-2335	4	
Cherokee	4879	-2459			4868	-2447	-12		4876	-2458	-1	
Mississippian	4988	-2568			4990	-2569	1		4981	-2563	-5	
Warsaw Por.	5027	-2607			5026	-2605	-2		5023	-2605	-2	
Total Depth	5047	-2627			5132	-2711	84	1	5174	-2756	129	

### **DST #1**



### DRILL STEM TEST REPORT

American Warrior INC

24-27s-22w

Po Box 399

Gardencity KS 67846

Herman #2-24

Job Ticket: 47557

DST#:1

ATTN: Cecil Obrate/ Ted Pf Test Start: 2012.06.18 @ 23:28:00

**GENERAL INFORMATION:** 

Formation: Mississippi

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

Time Tool Opened: 06:02:45 Tester: Chris Staats

Time Test Ended: 10:12:15 Unit No: #47

5010.00 ft (KB) To 5040.00 ft (KB) (TVD) Interval:

Reference Elevations: 2420.00 ft (KB) 5040.00 ft (KB) (TVD) Total Depth: 2409.00 ft (CF)

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

Serial #: 6773 Outside

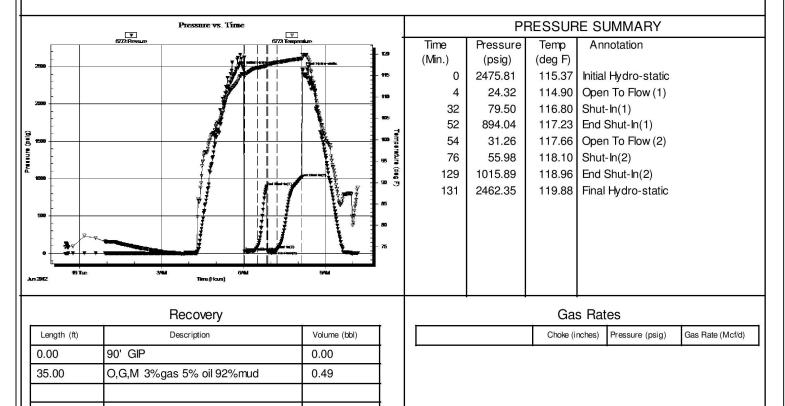
Press@RunDepth: 55.98 psig @ 5011.00 ft (KB) Capacity: 8000.00 psig

Start Date: 2012.06.18 End Date: 2012.06.19 Last Calib.: 2012.06.19 Start Time: 23:28:05 End Time: 10:12:15 Time On Btm: 2012.06.19 @ 05:59:00

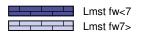
Time Off Btm: 2012.06.19 @ 08:10:00

TEST COMMENT: IF: Weak blow 2"

ISI: No blow back FF: Weak blow 2 1/2" FSI: No blow back



Trilobite Testing, Inc Ref. No: 47557 Printed: 2012.06.19 @ 11:03:56





shale, grn shale, gry



Carbon Sh shale, red

**ROCK TYPES** 

### **ACCESSORIES**

**MINERAL** 

▲ Chert, dark

∠ Dolomitic ★ Mineral Crystals

Varicolored chert △ Chert White

**FOSSIL** 

Crinoids

Fossils < 20%

Oolite

Oomoldic

**STRINGER** Dolomite **TEXTURE** C Chalky

