

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1219447

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:	SecTwpS. R
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 #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
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:	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name: Original Total Depth: Original Total Depth:	feet depth to: w/ sx cmt. Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #: Dual Completion Permit #:	Chloride content: ppm Fluid volume: bbls Dewatering method used:
☐ SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	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
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:



Operator Name:			Lease Name:			Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flow	ring and shut-in pressu	ormations penetrated. Dres, whether shut-in preith final chart(s). Attach	ssure reached stati	c level, hydrosta	tic pressures, bott		
		tain Geophysical Data a r newer AND an image f		gs must be ema	iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Taker (Attach Additional S		Yes No			on (Top), Depth an		Sample
Samples Sent to Geo	logical Survey	☐ Yes ☐ No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		0.0000					
		CASING Report all strings set-o	RECORD Ne onductor, surface, inte		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 Percent Additives
Durmaga	Depth		CEMENTING / SQU	EEZE RECORD			
Purpose: Perforate	Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydrou	ulia fracturing tractment or	a this well?		Yes	No (If No, ski	n quantiana 2 an	(d 2)
	ulic fracturing treatment or otal base fluid of the hydra	aulic fracturing treatment ex	ceed 350,000 gallons?	= =	= ' '	p questions 2 an p question 3)	u 3)
Was the hydraulic fractur	ring treatment information	submitted to the chemical o	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)
Shots Per Foot		N RECORD - Bridge Plug			cture, Shot, Cement		
	Specify Fo	ootage of Each Interval Perf	orated	(Ai	mount and Kind of Ma	terial Used)	Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		l
Date of First, Resumed	Production, SWD or ENH	R. Producing Meth		Gas Lift C	Other <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil B		Mcf Wate			as-Oil Ratio	Gravity
DISPOSITIO	ON OF GAS:		METHOD OF COMPLE	TION:		PRODUCTIO	DN INTERVAL:
Vented Sold		Open Hole	Perf. Dually	Comp. Cor	nmingled	1110000110	TO THE LANGE.
	bmit ACO-18.)	Other (Specify)	(Submit A	ACO-5) (Sub	mit ACO-4)		

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Blaesi 4-6
Doc ID	1219447

All Electric Logs Run

Porosity	
Induction	
Micro	
Sonic	

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Blaesi 4-6
Doc ID	1219447

Tops

Name	Тор	Datum
Lansing	4208'	-428
Marmaton	4560'	-780
pawnee	4647'	-867
cherokee	4718'	-938
morrow	4947'	-1167
Morrow Sand	4964'	-1184
Morrow Lime	5058'	-1278
Mississippian	5110'	-1330

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Blaesi 4-6
Doc ID	1219447

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	"		Type and Percent Additives
Surface	12.250	8.625	24	439	Common		3%CC, 2% gel.
production	7.875	5.50	15.5	5175	EA-2	145	

ALLIED OIL & GAS SERVICES, LLC 064053 Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999	SERVICE POINT:
SOUTHLAKE, TEXAS 76092	Oakley KS
DATE 7-14-14 SEC. TWP 5 RANGE 4 C	ALLED OUT ON LOCATION JOB START JOB FINISH 1:30 a.m.
	COUNTY STATE
OLD ODGUENACE A DI O	7
OLD ON NEW Clircle one)	Winte
CONTRACTOR DULE 4 TYPE OF JOB SUFFACE	OWNER Samo
HOLE SIZE 1214. T.D. 439	CEMENT
CASING SIZE \$5/8 DEPTH 439.87	AMOUNT ORDERED 265 SKS COM
TUBING SIZE DEPTH	31. (6. 2:1. 90)
DRILL PIPE DEPTH	
TOOL DEPTH	
PRES. MAX MINIMUM	COMMON 265sts@17.90 4743.50
MEAS, LINE SHOE JOINT	POZMIX @ CINCO
PERFS.	GEL 4982@1.05 523.90 CHLORIDE 7473@1.10 821.70
DISPLACEMENT 27 Dla lahl water	ASC @ 1.10 X21.70
EQUIPMENT	A3C
INAMITODA	Maxerial 1000 60810
PUMPTRUCK CEMENTER POLIT ROCKY C	
# 120 HELPER 1-LET Flore TohnTu	(150202/256)
BULK TRUCK	03) (
#891/310 DRIVER Wan 2 (TWS)	
BULK TRUCK	
# DRIVER	HANDLING 286.54 443 @ 2.48 710.62
	MILEAGE 13.08 tenses 50mi v 2.75 1798.50
REMARKS:	TOTAL
mix 265 sks Com 3/11 21. ge	10IAC
Release plus	SERVICE
Distance and water	AND THE RESERVE THE PARTY OF TH
coment did circulate	DEPTH OF JOB 439
- Cartiff and circle	PUMPTRUCK CHARGE 1512.25
	EXTRA FOOTAGE@
	MILEAGE MINV 50 @ 7.70 385.00
CITY	MANIFOLD Head @ 275.00 MILV 50@4.40 220.00
Thank You	1 MILV 5004.40 220.00
CHARGETO: American Warrier	(= 11/055
CHARGE TO: + WATTER	(12253460 TOTAL 4,901.37
STREET	COURT TOTAL
CITYSTATEZIP	
CIT5/AIBEII	PLUG & FLOAT EQUIPMENT
	85/8 Industrial Rubber
	85/8 Worden Ylug @ 110.00
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	TOTAL /10:00
done to satisfaction and supervision of owner agent or	TOTAL TICEOUS
contractor. I have read and understand the "GENERAL	GAL FORM VICE
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)
\sim .	TOTAL CHARGES 11,079.41
PRINTED NAME K. Ch WheeleR	DISCOUNT 2747.36(25%) IF PAID IN 30 DAYS
Million Millory Services	
SIGNATURE Rich Whyle	8,352.10 Net.



CHARGE TO:	Λ	
	AMERICAN WARRIOR	
ADDRESS		

TICKET	2651	4

PAGE 1 OF 2

SERVICE LOCATIONS 1. DESS CE 2.		WELL/PROJECT N TICKET TYPE CO SERVICE SALES WELL TYPE	ONTRACT	OR EDRI	LLIA	AES 1 4-6 COUNTY PARISH AES 1 4-6 WALLACE RIG NAME/NO. TEGORY JOB PURPOSE	STATE SHIPPED VIA	DELIVERED TO)	E,KS	OF	THE JOHN JOHN STUDY ON STUDY ON STUDY OF STUDY O	NER	
4.		DIL				TEGORY JOB PURPOSE SZ LOWGSTR	ING-	WELL PERMIT	NO.		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 CO. LINE, 6	N9WK	WINT
REFERRAL LOCATION		NVOICE INSTRUC	TIONS		1						11.0	Constitution, Co	, , , , ,	
PRICE REFERENCE	SECONDARY PART N	REFERENCE/ UMBER	LOC	ACCOUNTIN	G DF	DESCRIPTION		QTY.	U/M	QTY.	U/M	UNIT	AMOUNT	
575						MILEAGE # 1/5		135				(0,00	810	80
578						Pump CHARGE			708			15(Y) 0	150X) 50
402					1	CENTRALIZERS	1	9	EA.			7000	630	00
403					1	CEMENT BASKETS						300	600	1 00
404						PORT COLLAR		/	EA	2738	FT	2900	2900	100
406					1	LATCH DOWN PLUG & BAF	FLE	1	EA.			275100	275	100
407					1	INSERT FLOAT SHOE WIFE	ZL	1	EA.			3750	375	100
4119			-			ROTATING HEAD RENTAL		1	6A.			200 2	200	00
281						MUD FLUSH		500	gar			1 35	625	80
221						Liquid KCL		2	gar	*		25 3	50	100
LEGAL TERMS: the terms and cor		rancia and the first first first and				REMIT PAYMENT TO:	OUR EQUIPMEN' WITHOUT BREAK		AGF	DECIDED	DIS- AGREI	PAGE TOTAL	7965 5793	43
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					d	SWIFT SERVICES, INC. WE UNDERSTOOM MET YOUR NEED OUR SERVICEV PERFORMED WI			DERSTOOD AND DUR NEEDS? RVICE WAS RMED WITHOUT DELAY?			Wallace	13,758	43
									TED THE EQUIPMENT RMED JOB ONS ORLY?				606	148

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

ARE YOU SATISFIED WITH OUR SERVICE?

☐ YES

CUSTOMER DID NOT WISH TO RESPOND

□ NO

NESS CITY, KS 67560

785-798-2300

SWIFT OPERATOR LA CRUID

APPROVA

A.M.

Thank You!

TOTAL



PO Box 466 Ness City, KS 67560

TICKET CONTINUATION

No. 26514

Services, Tro.		Off: 785-798-2300				CURTOMERICAN WARRIOR	WELL BLACS!	4-6	DATE 23 July 13	1 PAGES 10F2
PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	Loc	ACCOUNTING	G DF	TIME	DESCRIPTION	QTY U/M	QTY U/M	UNIT PRICE	AMOUNT
276						FLOCELE	50.16s		200	125 º 180 º
283						SALT	900/163		20	1800
284						CALSEAL	81sx	l	3512	28019
292			3			HAGD 322	125 165		8/2	1000 💆
283 284 292 290						D-AIR	2 992		422	840
							i	İ		

							į	İ		
325						STANDARD EA-2	175 ISX		14 50	2537 50
581						SERVICE CHARGE	CUBIC FEET 175	SX	20	350 00 12360 93
583						MILEAGE TOTAL 8325 LOADED MILES	TON MILES / 23L	,93	18	1286193
								CONTI	NUATION TOTAL	57934.

JC	B	LO	G
~	<i>,</i> ,,,	-	•

SWIFT Services, Inc.

DATE 235 WILL PAGE NO.

rican w	ARRIOR	WELL NO.		BLA	1ES14	- 6 JOB TYPE 3 2 LONGSTRING TICKET NO. 26514
TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T C			DESCRIPTION OF OPERATION AND MATERIALS
1230			_			ON LOCATION
(150)1			+			START PIPE 53
1630						RID S200 SETE 5182.81
						SHOEJT. 42.14
						CENTERLIZERS. 1, 2, 3, 4, 6, 8, 10, 12, 57
					1	BASKETS 7.58
						BASKETS. 7, 58 PORT COLLAR \$58@ 2738.
1835			-			DROP BALL-CIRCULATE
1858	10	12			300	Pumo SNOCOZ MUN ELICH
/ 850					300	Pump SODGAZ MUD FLUSH Pump 20 Bbl KCL FLUSH
	Ψ				500	70174 5000 7100 7 50011
1908		7				PLUG RH 305x
1911	4	35	7			MIX 145 5x EA-2
1920						WASH OUT PUMP & LINES.
1925	le					START DISPLACING PLUG.
				ļ	-	
1946	Ø	122	_	1	1500	PLUG DOWN LATCH PLUG IN.
101/0						RELEASE PSI-DRY
1777				+	+	rearse 131 See
1950				1	+	WASH TRUCK
1730						DOPS & PROPER
2015					-	JOB COMPLETE
				-	-	1
					+	THANKS \$ 115
		-		-	+	JASON DOUG-ROB
		-		+	-	SHOW DOUG YOR
				-	-	
		-		+	-	
		-	-	+	-	
	1835 1835 1835 1835 1908 1911 1920 1925 1949 1949	TIME (BPM) 1230 1630 1630 1835 1835 1858 6 6 1908 1911 4 1920 1925 6 1949 1949	TIME RATE (BPM) (BBL) (GAL) - 1230 1630 1835 1858 6 12 6 20 1908 7 1911 4 35 1920 1946 Ø 122 1949 1950	TIME RATE (BPM) (BBL) (GAL) T C 1230 1630 1835 1858 6 12 12 1908 1908 7 1911 4 35 1 1920 1946 Ø 122 1949	TIME RATE (BPM) VOLUME (BBL) (GAL) T C TUBING 1230 1630 1835 1838 6 /2 1 1908 7 1911 4 35 1920 1946 Ø 122 1949	TIME (BPM) (BBL) (GAL) T C TUBING CASING 1330 1630 1835 1835 1835 1968 7 1911 435 1920 1949 1950



HARGE TO:	1	11	
DDRESS	HNERG	can Warrior	
CITY, STATE, Z	IP CODE		

TICKET 26402

OF .

SERVICE LOCATIONS	ks Ks	WELL/PROJECT N	-	LE	ASE	Blaesi	COUNTY/PARISH Wallace	STATE KS	Slan	m5	"paings	DAT	AUG 14	OW	NER	
2.		TICKET TYPE CO	ONTRACTO)R		CO TOOLS	RIG NAME/NO.		DELIVERED TO)	1 0		DER NO.			
3.		WELL TYPE		1.1		EGORY JOB P	URPOSE	1630	WELL PERMIT			WEI	L LOCATION			
4. REFERRAL LOCATION		INVOICE INSTRUC	TIONS	9	leve	opment c	cement port colle	R	l							
		INVOICE INSTRUC														
PRICE REFERENCE		ARY REFERENCE/ RT NUMBER	LOC	ACCT	DF		DESCRIPTION		QTY.	U/M	QTY.	U/M	UNIT PRICE		AMOUN	r
575			١			MILEAGE TP	K114		150	m			6	00	900	0
576D			1			Pumo Charg	e		1	19			1500	00	1500	00
330						SMD cem	ent		300	sk			18	150	5550	100
276			1			Flocele			75	16			2	20	187	50
290			1		18	DAIR			5	60			42	00	210	
583						Drayage			29853	16	22 389	87W	1	60	2238	-
581			1			4 - 41 3	charge		300	Sk			2	00	600	00
104			11			Post Coller	Tool Rental		1	04			250	00	258	100
														-		<u> </u>
			H											İ	43	+
the terms and cond but are not limited	litions on the	reverse side here	of whicl	h include	,	REMIT PAY	YMENT TO:	OUR EQUIPMENT WITHOUT BREAK WE UNDERSTOO MET YOUR NEED	DOWN? D AND	AG	REE DECIDED	DIS- AGREE	PAGE TO	TAL	11,380	9148
LIMITED WARRA			,	11	13	SWIFT SER	VICES, INC.	OUR SERVICE WA	AS	\top		1				
MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS				P.O. B	OX 466	WE OPERATED TO AND PERFORMED CALCULATIONS SATISFACTORILY	THE EQUIPMENT D JOB				TAX	6/	381	15		
X DATE SIGNED		TIME SIGNED		□ AM	-		', KS 67560	ARE YOU SATISF	Citizen and the second	SERVIC	E? NO		1001-01			İ
				A.M. P.M.	-	785-79	8-2300	□ cus	TOMER DID NO	T WISH			TOTAL		11,817	163
			The state of the s	ACCUPATION AND ADDRESS OF	Contract of the Contract of th	Committee And Committee of the Parties Company	The customer hereby ackn	owledges receipt of the	ne materials ar	nd servi	ces listed on th	nis ticket.				
SWIFT OPERATOR		739h		AP	PROVA	L									Thank	You!

DB LO	NVI CO.	Varrior	WELL NO.	4-6			JOB TYPE Coment part coller TICKET NO. 26402
				7-6 PUMPS	PRESSUR	arsi	Coment part coller TICKET NO. 26402.
HART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	T C	TUBING	CASING	DESCRIPTION OF OPERATION AND MATERIALS
							300 sk EA 2 cement w/4 + flocelc. 23,52 post roller - 2738'
							23.52 port-oller - 2738'
	8900						on loc TRK 114
	0949				1000	1000	test to AWpsi - held
	0/1/				1000		and at called
	1000	33	2		500		Inj rate 37 € 500
	1000	37	-		300		In Tale Spesie
	1001	71				-	1 0 ./- /
	1006	35			400		mix smb comet @ 11.2 gg8 - fluid to surface
		32	12		400		- fluid to surface
	1020		100				Returns showing - think mud
							- varying note - no returns
	1040		112				no Returns - shut down (200sk mixed)
	12/0						The received states of the sta
	1130	13			100		m> < m) a + @ 1/20m/
	1130	4	137		+		- fluid to surface!
-		7	24		800		fewa to surface:
		32	163		400	-	
-		3	217		500		Coment to singlace To singlace To six it is
					ļ		MYXETZ
							5200 50 -+
							30 201
						i sepilisji i	9 bbl H20 displacement close part collar Run & joints
							close part coller
	1700						Run Q inits
	1000						Juli 1
	17.0		25		 		Reverse hole claim
	1210		45	 	-		Keverse 11000 ceans
					-		- 2 cent flags -
					-		
							Wash tevok
						-	KAER UP
161							wait on tool
							Wash truck RACK 4P Whit on tool The curplete
							yeurs,
							Blaju, Plint, & ERLIG
	-		-	-	-		paya, y 11 M, & EKAIY



Prepared For: American Warrior Inc.

PO Box 399

Garden City KS 67846

ATTN: Logan Walker

Blaes #4-6

6-15s-41w Wallace,KS

Start Date: 2014.07.21 @ 22:25:15 End Date: 2014.07.22 @ 07:32:00 Job Ticket #: 59104 DST #: 1

Trilobite Testing, Inc PO Box 362 Hays, KS 67601

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



American Warrior Inc.

ATTN: Logan Walker

6-15s-41w Wallace, KS

PO Box 399

Garden City KS 67846

Job Ticket: 59104

Blaes #4-6

DST#: 1

Test Start: 2014.07.21 @ 22:25:15

GENERAL INFORMATION:

Formation: **Morrow Sand**

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

Time Tool Opened: 00:52:15 Tester: Mike Roberts

Time Test Ended: 07:32:00 Unit No: 65

Interval: 4908.00 ft (KB) To 4985.00 ft (KB) (TVD) Reference Elevations: 3780.00 ft (KB)

Total Depth: 4985.00 ft (KB) (TVD) 3771.00 ft (CF)

7.88 inches Hole Condition: Fair KB to GR/CF: Hole Diameter: 9.00 ft

Serial #: 8846 Inside

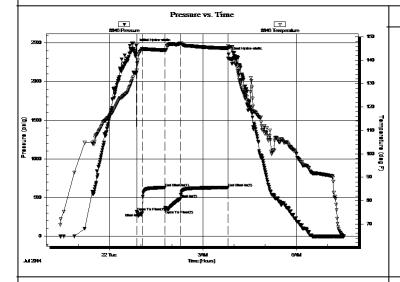
Press@RunDepth: 485.54 psig @ 4910.00 ft (KB) Capacity: 8000.00 psig

Start Date: 2014.07.21 End Date: 2014.07.22 Last Calib.: 2014.07.22 Start Time: 22:25:15 End Time: 07:32:00 Time On Btm: 2014.07.22 @ 00:51:45

Time Off Btm: 2014.07.22 @ 03:49:00

TEST COMMENT: IF:BOB in 1 min. GTS in 9 min.

IS:Bled off for 10 min. BOB in 3 min. FF:BOB instantly GTS TSTM FS:Bled off for 10 min. BOB in 4 min.



PF	RESSUR	RE SUMMARY
Pressure	Temp	Annotation

Time Pressur		Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2464.04	134.50	Initial Hydro-static
1	320.48	135.56	Open To Flow (1)
12	300.68	144.85	Shut-In(1)
55	630.28	144.25	End Shut-In(1)
55	341.35	144.10	Open To Flow (2)
85	485.54	147.17	Shut-In(2)
177	629.82	145.14	End Shut-In(2)
178	2349.84	145.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP= 3688	0.00
340.00	gcm 4%g 96%m	4.77
186.00	w cgmo 10%w 15%g 25%m 50%o	2.61
62.00	w cog 30% w 30% o 40%g	0.87
310.00	mogw 10%m 10%o 20%g 60%w	4.35
248.00	mcow g 3%m 17%o 25%w 55%g	3.48

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)
--	----------------	-----------------	-------------------

Trilobite Testing, Inc Ref. No: 59104 Printed: 2014.07.23 @ 08:50:14



American Warrior Inc.

6-15s-41w Wallace, KS

PO Box 399

Garden City KS 67846

ATTN: Logan Walker

Blaes #4-6

Job Ticket: 59104 DST#: 1

Test Start: 2014.07.21 @ 22:25:15

GENERAL INFORMATION:

Formation: **Morrow Sand**

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

Time Tool Opened: 00:52:15 Time Test Ended: 07:32:00

Unit No: 65

Tester: Mike Roberts

3780.00 ft (KB)

4908.00 ft (KB) To 4985.00 ft (KB) (TVD) 4985.00 ft (KB) (TVD)

Reference Elevations: 3771.00 ft (CF)

> KB to GR/CF: 9.00 ft

Hole Diameter: 7.88 inches Hole Condition: Fair

Serial #: 8737

Outside

4910.00 ft (KB) psig @

Capacity:

8000.00 psig

Press@RunDepth: Start Date:

2014.07.21

End Date:

2014.07.22 Last Calib.: Time On Btm: 07:32:00

2014.07.22

Start Time:

Interval:

Total Depth:

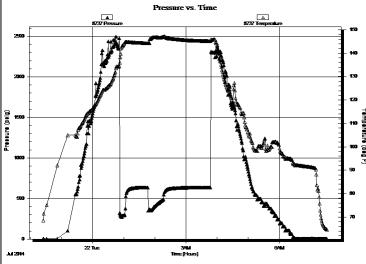
22:25:15

End Time:

Time Off Btm:

TEST COMMENT: IF:BOB in 1 min. GTS in 9 min.

IS:Bled off for 10 min. BOB in 3 min. FF:BOB instantly GTS TSTM FS:Bled off for 10 min. BOB in 4 min.



PRESSURE SUMMARY

	Time	Pressure	Temp	Annotation						
	(Min.)	(psig)	(deg F)							
Temperature (ded E)										
9										

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP= 3688	0.00
340.00	gcm 4%g 96%m	4.77
186.00	w cgmo 10%w 15%g 25%m 50%o	2.61
62.00	w cog 30% w 30% o 40%g	0.87
310.00	mogw 10%m 10%o 20%g 60%w	4.35
248.00	mcow g 3%m 17%o 25%w 55%g	3.48

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)
--	----------------	-----------------	-------------------

Trilobite Testing, Inc Ref. No: 59104 Printed: 2014.07.23 @ 08:50:14



TOOL DIAGRAM

American Warrior Inc.

6-15s-41w Wallace, KS

PO Box 399

Blaes #4-6

Garden City KS 67846

Job Ticket: 59104 DST#: 1

ATTN: Logan Walker

Test Start: 2014.07.21 @ 22:25:15

Tool Information

Drill Collar:

Drill Pipe: Length: 4910.00 ft Diameter: Heavy Wt. Pipe: Length:

0.00 ft Diameter: 0.00 ft Diameter:

3.80 inches Volume: 68.87 bbl 0.00 bbl 0.00 inches Volume: 0.00 inches Volume:

Tool Weight: Weight set on Packer: 25000.00 lb 0.00 bbl Weight to Pull Loose: 80000.00 lb

Drill Pipe Above KB: 30.00 ft Depth to Top Packer: 4908.00 ft

Length:

Total Volume: 68.87 bbl Tool Chased 0.00 ft String Weight: Initial 64000.00 lb

Depth to Bottom Packer: ft Interval betw een Packers: 77.00 ft Tool Length:

105.00 ft 2 Diameter: 6.75 inches Final 65000.00 lb

1500.00 lb

Tool Comments:

Number of Packers:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4881.00		
Shut In Tool	5.00			4886.00		
Hydraulic tool	5.00			4891.00		
Jars	5.00			4896.00		
Safety Joint	3.00			4899.00		
Packer	5.00			4904.00	28.00	Bottom Of Top Packer
Packer	4.00			4908.00		
Stubb	1.00			4909.00		
Perforations	1.00			4910.00		
Recorder	0.00	8846	Inside	4910.00		
Recorder	0.00	8737	Outside	4910.00		
Change Over Sub	1.00			4911.00		
Blank Spacing	63.00			4974.00		
Change Over Sub	1.00			4975.00		
Perforations	5.00			4980.00		
Bullnose	5.00			4985.00	77.00	Bottom Packers & Anchor
Total Tool Langth	. 405.00					

Total Tool Length: 105.00

Trilobite Testing, Inc Ref. No: 59104 Printed: 2014.07.23 @ 08:50:15



FLUID SUMMARY

American Warrior Inc. 6-15s-41w Wallace,KS

PO Box 399

Job Ticket: 59104

Blaes #4-6

DST#: 1

ATTN: Logan Walker

Garden City KS 67846

Test Start: 2014.07.21 @ 22:25:15

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil API:0 deg APIMud Weight:10.00 lb/galCushion Length:ftWater Salinity:13000 ppm

Mud Weight: 10.00 lb/gal Cushion Length: ft War Viscosity: 50.00 sec/gt Cushion Volume: bbl

50.00 sec/qt Cushion Volume: 8.78 in³ Gas Cushion Type:

Resistivity: 0.00 ohm.m Gas Cushion Pressure: psig

Salinity: 9000.00 ppm Filter Cake: 1.00 inches

Recovery Information

Water Loss:

Recovery Table

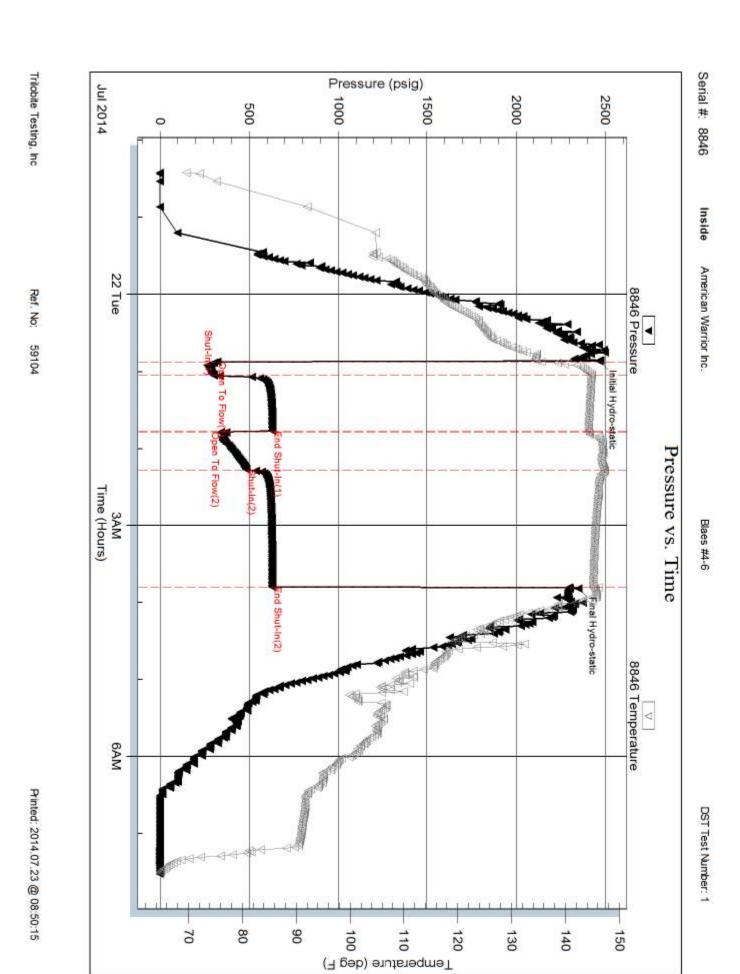
Length ft	Description	Volume bbl
0.00	GIP= 3688	0.000
340.00	gcm 4%g 96%m	4.769
186.00	w cgmo 10%w 15%g 25%m 50%o	2.609
62.00	w cog 30% w 30% o 40%g	0.870
310.00	mogw 10%m 10%o 20%g 60%w	4.348
248.00	mcow g 3%m 17%o 25%w 55%g	3.479

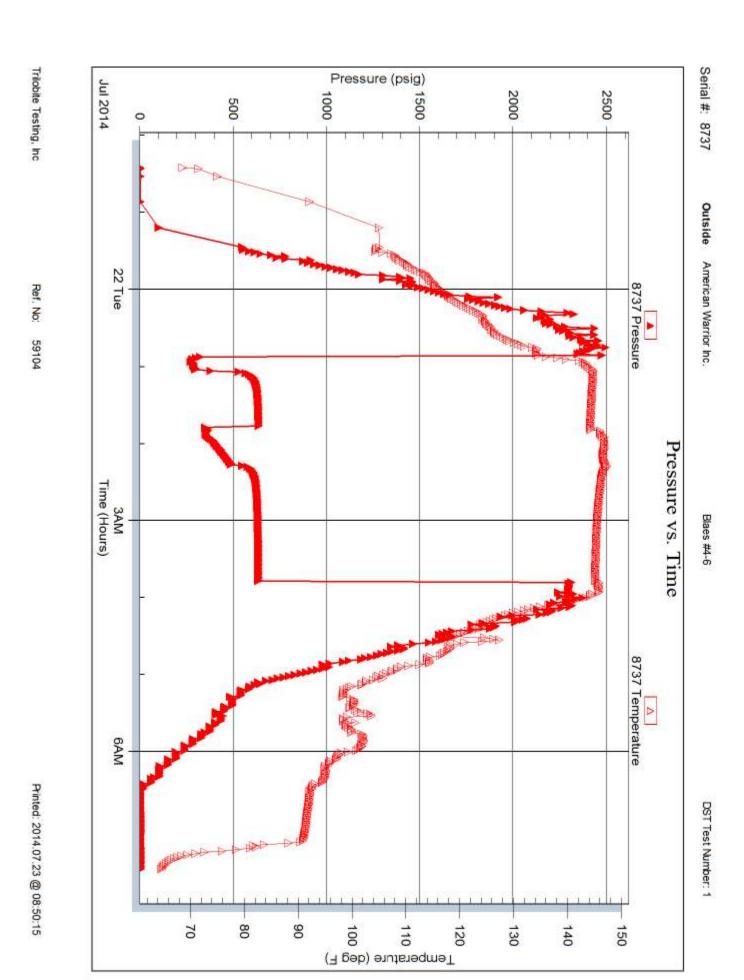
Total Length: 1146.00 ft Total Volume: 16.075 bbl

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

Laboratory Name: Laboratory Location: Recovery Comments: RW= .561@ 64.4*= 13,000 ppm

Trilobite Testing, Inc Ref. No: 59104 Printed: 2014.07.23 @ 08:50:15







RILOBITE ESTING INC. 1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59104

4/10 M/OTIA		
Well Name & No. Parent Blace	5 4-6 Test No.	Date 7-21-14
Company American Warrior	Inc Elevation 378	КВ <u>377/</u> GL
Address 3118 (ummings RC	P.O. Box 399 Garden C	ity KS 67846
Co. Rep/Geo. Logan Walker	Rig Duke	4'
Location: Sec. 16 Twp. 155	Rge. 4/W Co. WallAc	e State KS
Interval Tested 4908 - 4985	Zone Tested Marrow Sand	1
Anchor Length 77	Drill Pipe Run 4910	Mud Wt. 23 10, Y
Top Packer Depth 4903	Drill Collars Run	Vis 50
Bottom Packer Depth 4908	Wt. Pipe Run	WL 8.8
Total Depth 4985	Chlorides 9000 ppm Sy	ystem LCM_3
Blow Description IF: BOB IN	1 Min GTS IN 9 Mi	
Is: Dled off	for 10 Min BOB IN 3 M	
FF: BOB instan		to Guace-
1	of 10 Min BOB IN 4 MIN	GTS in 4 Min
Rec 340 Feet of 9cm	4 %gas	%oil %water 96 %mud
Rec 186 Feet of Wamo	15 %gas 50	%oil /O %water 35 %mud
Rec 62 Feet of WC8q	40 %gas 30	%water %mud
Rec310_ Feet of MOQW	20 %gas /0	%oil 60 %water 10 %mud
Rec 248 Feet of MC Durg -	GIP-3688' 55 %gas 17	%oil 25 %water 3 %mud
Rec Total	Gravity . API RW , 541 @ 4	94.4/-°F Chlorides 13000 ppm
(A) Initial Hydrostatic 3464	Test	T-On Location 22:00
(B) First Initial Flow320	F Jars 250,00	T-Started 22: 25
(C) First Final Flow300	Safety Joint 75.09	T-Open 12:5/
(D) Initial Shut-In630	Circ Sub	T-Pulled 03:46
(E) Second Initial Flow341	☐ Hourly Standby	Tout 07:32
(F) Second Final Flow 485	Mileage 250 RT	Comments ///
(G) Final Shut-In 629	□ Sampler 158rt 489.80	Sta V loaded tools 7:22 21:3
(H) Final Hydrostatic 2349	□ Straddle	
	☐ Shale Packer	Ruined Shale Packer
Initial Open	Extra Packer	□ Ruined Packer
Initial Shut-In45	Extra Recorder	Extra Copies
Final Flow 30	Day Standby	Sub Total 0 Total 2064.80
Final Shut-In90	Accessibility	MP/DST Disc't
2001	Sub Total2064.80	IVII 7DST DISCT
Approved By Wolfen	Our Representative	Tito Bolist

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

OPERATOR

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

P.O. Box 399 Garden City, KS 67846

Contact Geologist: Kevin Wiles Contact Phone Nbr: 620-275-2963 Well Name: Blaesi #4-6

Sec. 6 - T15S - R41W Location: API: 15-199-20410-0000

Pool: Field: Okeson NW Ext. State: Kansas Country: USA

Scale 1:240 Imperial

Well Name: Blaesi #4-6

Sec. 6 - T15S - R41W Surface Location: **Bottom Location:**

API: 15-199-20410-0000 License Number: 4058

Spud Date: 7/14/2014 Time: 4:45 PM Wallace County Region: **Drilling Completed:** 7/22/2014 Time: 10:00 PM

Surface Coordinates: 335' FSL & 1112' FEL **Bottom Hole Coordinates:**

Ground Elevation:

3771.00ft K.B. Elevation: 3780.00ft

To: Logged Interval: 4000.00ft 5200.00ft Total Depth: 5200.00ft

Formation: Mississippian

Drilling Fluid Type: Chemical/Fresh Water Gel

SURFACE CO-ORDINATES

Well Type: Vertical Longitude:

Latitude: N/S Co-ord:

E/W Co-ord: 1112' FEL

LOGGED BY

Keith Reavis Consulting Geologist

Company: Keith Reavis, Inc. 3420 22nd Street Address: Great Bend, KS 67530

335' FSL

Phone Nbr: 620-617-4091 Logged By: Logan Walker

CONTRACTOR Contractor: Duke Drilling Company, Inc

Rig #: Rig Type: mud rotary

Spud Date: 7/14/2014 Time: TD Date: 7/22/2014 Time:

4:45 PM 10:00 PM Rig Release: Time:

Name:

ELEVATIONS

3780.00ft K.B. Elevation: Ground Elevation: 3771.00ft K.B. to Ground: 9.00ft

NOTES

Due to favorable results of DST #1, it was determined that 5 1/2" production casing be set and cemented and the Blaesi #4-6 be further tested through perforations and stimulation in the Morrow Sand.

An MBC gas detection unit was employed on this well, however, after getting stuck during the short trip at 4704', oil was used to get loose and this rendered the unit fairly useless for the remainder of the well do to mud contamination.

All log tops on this well were consistently 4-7 ft. low to measured log top. The gamma ray and caliper curves were imported into this mudlog from the electrical log suite. No curves were not shifted to provide an exact match, but rather left as recorded in the field.

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

Respectfully submitted Logan Walker and Keith Reavis

DATE 7:00 AM DEPTH

American Warrior, Inc. daily drilling report

REMARKS

ı	DAIL	7.00 AM DEFTH	REMARKO
	07/19/2014	4269	Geologist Logan Walker on location @ 0717 hrs, 4273 ft, drilling ahead
	07/20/2014	4663	drilling ahead, LKC and Marmaton, short trip @4704, stuck in hole, pump down oil, got loose, back on bottom, resume drilling
	07/21/2014	4837	drilling ahead Cherokee and Morrow, show in Morrow Sand warrants test, TOH for DST #1, conducting DST #1
	07/22/2014	4985	complete DST #1, successful test, TIH w/bit, resume drilling, TD @ 5200' 2200 hrs, ctch, TOH for logs
	07/23/2014	5200	complete logging operations, TIH to lay down, geologist off loc 1000 hrs

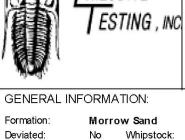
well comparison sheet DRILLING WELL COMPARISON WELL Blaesi #4-6 Blaesi #2-6

American Warrior, Inc.

								-				
		335' FSL & 1112' FSL				1260' FSL & 450'FEL			2490' FSL & 1370' FEL			
		Sec 6-T15	S-R41W		Sec 6-T15S-R41W				Sec 6-T15S-R41W			
							Struc	tural			Structural	
	3780	KB			3772 KB Relationship			3782 KB Relationship			onship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Lansing	4207	-427	4210	-430					4214	-432	5	2
Marmaton	4558	-778	4562	-782	4553	-781	3	-1	4564	-782	4	0
Pawnee	4648	-868	4654	-874	4635	-863	-5	-11	4651	-869	1	-5
Cherokee	4716	-936	4720	-940	4701	-929	-7	-11	4710	-928	-8	-12
Morrow Shale	4945	-1165	4949	-1169	4938	-1166	1	-3	4950	-1168	3	-1
Morrow Sand	4958	-1178	4966	-1186	4948	-1176	-2	-10	4986	-1204	26	18
Morrow Lime	5055	-1275	5059	-1279	5042	-1270	-5	-9	5042	-1260	-15	-19
Mississippian	5117	-1337	5110	-1330	not	reached			5096	-1314	-23	-16
Total Depth	5200	-1420	5194	-1414	5120	-1348	-72	-66	5150	-1368	-52	-46

DRILL STEM TEST REPORT

DST #1



RILOBITE

PO Box 399

American Warrior Inc.

4910.00 ft (KB)

End Date:

End Time:

Garden City KS 67846 Job Ticket: 59104 Test Start: 2014.07.21 @ 22:25:15 ATTN: Logan Walker

ft (KB)

2014.07.22

07:32:00

(Min.)

12

Deviated: No Time Tool Opened: 00:52:15

Press@RunDepth:

Start Date:

Time Test Ended: 07:32:00 4908.00 ft (KB) To 4985.00 ft (KB) (TVD) Interval: 4985.00 ft (KB) (TVD) Total Depth:

Hole Diameter: 7.88 inches Hole Condition: Fair Serial #: 8846 Inside

485.54 psig @

Unit No: 65 3780.00 ft (KB) Reference Bevations: 3771.00 ft (CF)

Mike Roberts

KB to GR/CF:

PRESSURE SUMMARY

Annotation

135.56 Open To Flow (1)

Shut-In(1) End Shut-In(1)

Initial Hydro-static

Temp

(deg F)

134.50

144.85

shale, red

Test Type: Conventional Bottom Hole (Initial)

6-15s-41w Wallace, KS

Blaes #4-6

Tester:

Capacity:

Pres sure

(psig)

2464.04

320.48

300.68

Last Calib.:

Time On Btm:

Time Off Btm:

COMPARISON WELL

Blaesi #1-6

DST#: 1

8000.00 psig

2014.07.22

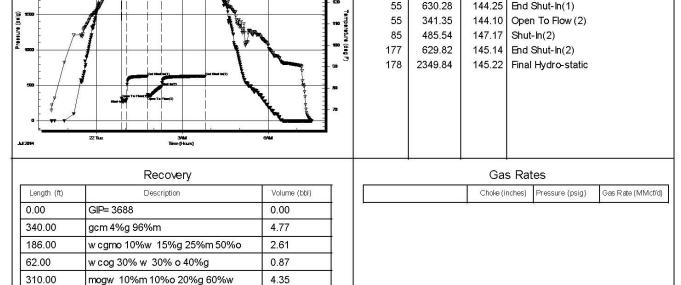
9.00 ft

2014.07.22 @ 00:51:45

2014.07.22 @ 03:49:00

2014.07.21 Start Time: 22:25:15

TEST COMMENT: IF:BOB in 1 min. GTS in 9 min. IS:Bled off for 10 min. BOB in 3 min. FF:BOB instantly GTS TSTM FS:Bled off for 10 min. BOB in 4 min.



sdy Imst Lmst fw<7

MINERAL

Glauconite

248.00

FOSSIL

mcow g 3%m 17%o 25%w 55%g

shale, grn

Lmst fw7>

Bioclastic or Fragmenta

shale, gry Carbon Sh

ROCK TYPES

3.48

AN Chert

Ss Ss

C Chalky

ACCESSORIES STRINGER **TEXTURE**

