

Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1193700

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

		•••			• · · · ·	
WELL	HISTORY	- DESCF	RIPTION	OF W	/ELL	& LEASE

OPERATOR: License #		API No. 15
Name:		Spot Description:
Address 1:		
Address 2:		Feet from Dorth / South Line of Section
City: State:	Zip:+	Feet from East / West Line of Section
Contact Person:		Footages Calculated from Nearest Outside Section Corner:
Phone: ()		
CONTRACTOR: License #		GPS Location: Lat:, Long:
Name:		(e.g. xx.xxxx) (e.gxxx.xxxxx)
Wellsite Geologist:		Datum: NAD27 NAD83 WGS84
Purchaser:		County:
Designate Type of Completion:		Lease Name: Well #:
New Well Re-Entry	Workover	Field Name:
		Producing Formation:
	SWD SIOW	Elevation: Ground: Kelly Bushing:
	GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)		Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl.)	. etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as for		If yes, show depth set: Feet
Operator:		If Alternate II completion, cement circulated from:
Well Name:		feet depth to:w/sx cmt.
Original Comp. Date: 0		
	Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back	Conv. to GSW	(Data must be collected from the Reserve Pit)
_		Chloride content: ppm Fluid volume: bbls
	nit #:	Dewatering method used:
	nit #:	
	nit #:	Location of fluid disposal if hauled offsite:
	nit #:	Operator Name:
GSW Perr	nit #:	Lease Name: License #:
	TD Completion Data ar	Quarter Sec TwpS. R East West
Spud Date or Date Reached Recompletion Date	TD Completion Date or 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 Iwo	1193700
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRUCTIONS. Chave important tapa of formations panatrated	Datail all aaraa Dapart all f	inal agnies of drill stome tests giving interval tested, time test

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No		Log	g Formatio	n (Top), Depth and	d Datum	Sample
Samples Sent to Geolog	jical Survey	Yes No		Name			Тор	Datum
Cores Taken Electric Log Run		Yes No						
List All E. Logs Run:								
	CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, 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
		ADDITIONAL	CEMENTING	/ SQUEI	EZE RECORD	·	· · · · · ·	
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Use	ed		Type and Pe	ercent Additives	
Protect Casing								
Plug Off Zone								
Did you porform a hydraulia	free studies tree strees to	an this well?					a guartiana () an	<i></i>

Did you perform a hydraulic fracturing treatment on this well?
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?

Yes	No
Yes	No
Yes	No

 No
 (If No, skip questions 2 and 3)

 No
 (If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					ement Squeeze Record I of Material Used)	Depth			
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed	Producti	ion, SWD or ENHF	} .	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wat	er	Bbls.	Gas-Oil Ratio	Gravity
						1				
DISPOSITION OF GAS:		_	METHOD OF COMPLE		TION:		PRODUCTION IN	TERVAL:		
Vented Sold Used on Lease				Open Hole	Perf.		Comp.	Commingled		
(If vented, Su	bmit ACC	0-18.)		Other (Specify))	(Submit)		(Submit ACO-4)		

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	White 6-8
Doc ID	1193700

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	376	Class a	275	3%cc/2%g el
Production	7.875	5.50	15.5	3456	EA-2	145	D-air

ALLIED OIL & GAS SERVICES, LLC 061971

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092

SERVICE POINT: GrafBend

3001	TILARE, ILAAS 700				O'cano	ena
DATE 11-25-1	3 SEC. 8 TWP. 16	RANGE (U	CALLED OUT	ON LOCATION	JOB START	JOB FINISH 11130 pm
LEASE White	WELL# 6-3	LOCATION Wil	son Blacktop	North to	E/Isworth	STATE
OLD OR NEW (C	Circle one)	NRd, 12	E. Sinto			
CONTRACTOR	Duke 8	. ,	OWNER		-	
TYPE OF JOB						
A CONTRACTOR OF A CONTRACTOR O	2 × 1.D		CEMENT	-	_	
CASING SIZE		PTH 376,31	AMOUNT OR	DERED 27	S SKS CI	ass A
TUBING SIZE	1. I.	PTH		246 gel		
DRILL PIPE		PTH		~		
TOOL PRES. MAX		PTH		2 76	0 10 0-	1000 6
MEAS. LINE		NIMUM DE JOINT	COMMON	213		4922.5
	IN CSG. 15 Ft		POZMIX GEL	5	@ 23.40	
PERFS.	1,000. [31]		CHLORIDE			620.00
DISPLACEMEN'	T 27 61 64/	Enst wasar	ASC			
bior birebiribir					_@	
	EQUIPMENT				0	
		1 11				
PUMPTRUCK	CEMENTER					
#366	HELPER Ben	New x ()			@	
BULK TRUCK	AH/	1/2			@	
# 344-110	DRIVERYOMM	Tima			@	
BULK TRUCK	DDIVED	1			_@	
#	DRIVER		- HANDLING_		@_2.48	737.45
			MILEAGE	3.57×30	x 2.60	1058.46
	REMARKS:				TOTAL	7455,4
Brux lirosla	ton A Righ	avel				
	of Freih warrer			SERVI	CE	
mir 275	sks class A 348	a 2% 54				
Dron Plug			DEPTH OF JC	B	376	
	23.01661 /-	stime	PUMP TRUCK	K CHARGE	15	12.25
shutin -	plug down	11:15 pm	EXTRA FOOT	TAGE	@	
Coment d.	'd circulate		MILEAGE	HVM 30	@ 7.70	231,00
Rig down	`		- MANIFOLD		_@	
				LVM 30	@ 4.40	132.00
	^ `				_@	
CHARGE TO:	American wa	rist				
STREET					TOTAL	18.75.24
CITY	STATE	ZIP		DI LIC & EL OA	TEOUDMEN	1 Th
				PLUG & FLOA	@	
			Rubber	- plug		131.04
To: Allied Oil	& Gas Services, LLC			///		
	requested to rent cer			/	@	
					@	
and rurnish cem	enter and helper(s)	to assist owner or				

TOTAL 131.04

SALES TAX (If Ar	ıy)	
TOTAL CHARGE	\$ 9461.70	
	-1892.34	IF PAID IN 30 DAYS
4	7569.36	

contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME_ SIGNATURE /

	12 ·			ARGE TO:	American W	arrior							TIC	KET	257	58
Servic	es, l	inc.	СП	Y, STATE, ZIP CO	DDE								PAG	Е 1	OF	z
SERVICE LOCATIONS 1. LOCATIONS	KS	WELL/PROJECT N	6-8	3 LEASE	thite	Ellsworth	~	STATE	CITY HO	ly Roc	xl .		TE DEC 13	3 OWN	IER	
23			ONTRACTO		A.K	RIG NAME/NO.		VICT	and the second se	cati	ion		RDER NO.			
4. REFERRAL LOCATION			TIONS	Den		ement long str	fing		WELL PERMIT	NO.		WE		8-1	6-10	
PRICE		REFERENCE/	AC	COUNTING	1	DESCRIPTION			07/		077/		UNIT		AMOU	
575	PART	NUMBER	LOC	ACCT DF	MILEAGE TRE	c 114			QTY. SD	U/M imi	QTY.	U/M		00	480	2/08
578			1		Pump Cha	ze				69			1500	00	1500	
402			1		Controliz				52	2	8	1		00	<u>56</u> 30	000
403 406			1			in Dlug \$ 601	Ho.	·	5)	in		la	300	à	27	-
407			1		1 81	1, 1, 1, 00	TO FIL	4	52	in	1	la	375	100		500
	2010-0-															
LEGAL TERMS: Cust the terms and condition	ns on the re	verse side her	eofwhich	include,	REMIT PAY	MENT TO:	WITHO	UT BREAK	PERFORMED DOWN?	AGRE	E UN- DECIDEI	DIS- AGREE	PAGE TOT		349	0100
but are not limited to, I LIMITED WARRANT	Y provision	NS.		ITY, and	SWIFT SER	VICES, INC.	MET YO OUR SE PERFO		S? AS HOUT DELAY?	-		-	subto-	اد ا	995	4 "
START OF WORK OR DELIVER	P Z	ton	>			DX 466 (KS 67560	SATISF	ACTORILY	HE EQUIPMENT) JOB ? ED WITH OUR S				Ellswa TAX 7.15	2	450	90
DATE SIGNED		ME SIGNED		ПА.М. Р.М. 20		8-2300			TOMER DID NO		RESPOND		TOTAL		9911	4
SWIFT OPERATOR		CUSTOM				The customer hereby ackn	owledges re	eceipt of ti	ne materials ar	d services	s listed on t	his ticket			Thank	You



PO Box 466

TICKET CONTINUATION

No. 25758

Service	a. Trace Off		y, KS 675 5-798-23			CUSTOMER American Warrior	WELL White 6-	-8	DATE 102C 1	3	PAGE 2 OF	え
PRICE	SECONDARY REFERENCE/ PART NUMBER	LOC		NG DF	TIME	DESCRIPTION	QTY. U/M	QTY. U/M	UNIT		AMOUNT	
325		1				STANDARD Coment (For- 6.4-2)	The second		14	50	2537	6
284		1				Calseal	800 15	8 sk	35	20	280	00
283		1				SAlt	900115	İ	0	20	180	108
292		1				halad-322	125-15		80	20	1000	00
276		1				Flocele	50 16		2	50	125	00
281		1				midflush	500 gd	İ		25	625	0
221		1				KCL liquid	2,901		25	60	50	a
290		1				D-AIR	21991		42	60	84	19
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501		,				SERVICE CHARGE 175	CUBIC FEET			D	304	10
602						MILEAGE TOTAL WEIGHT CHARGE 18 325	TON MILES	733	7	20	350	10
202						CHARGE 18305 80		/ 3/		Ľ	125	

SWIFT Services, Inc. DATE DEC 13 PAGE NO. JOB LOG CUSTOMER Agreetican Marrie LEASE white JOB TYPE long string TICKET NO. 25758 WELL NO. 6-8 PRESSURE (PSI) PUMPS RATE (BPM) CHART VOLUME TIME DESCRIPTION OF OPERATION AND MATERIAL TUBING CASING NO. (BBL) (GAL) TC 175 sk 54-2 cemut w/ 9 # Flocele, 82jts 52 ~ 15.5 casing, 3456 TD 3460' zitsout shee, it 42' Cont 1,2,3,46,8,10,12 Basket 5 on loc TRK 114 \$400 start 52 × 15.5 # Casing in well 1410 Prop ball - circulates 15/5 Pump 500 gel midflush Pump 20 661 KCL flish 1615 42 12 200 42 20 200 Plug RH - 305ts 1620 e 15.3 pg MIX ZA-2 coment 1453 43 36 1630 200 Wash out pup \$ line Drop latch down plug Displace plug 1645 63 200 63 78 750 36 hand plug KOO 1700 Release pressur to truck - dried up wash terck 1705 RACK up job constite 1735 Ave, BIAME FRIT



DRILL STEM TEST REPORT

Prepared For:

American Warrior Inc

PO Box 399 Graden City KS 67846

ATTN: Jim Musgrove

White #6-3

8-16s-10w Ellsworth,KS

 Start Date:
 2013.11.30 @ 10:44:00

 End Date:
 2013.11.30 @ 19:11:00

 Job Ticket #:
 55361
 DST #: 1

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

	DRILL STEM TES	ST REP	ORT				
	American Warrior Inc		8-16	6s-10w E	Ellsworth	,KS	
ESTING ,	INC PO Box 399		Wh	ite #6-3			
	Graden City KS 67846		Job	Ticket: 55	361	DST#	ŧ:1
NOV .	ATTN: Jim Musgrove		Test	Start: 20	13.11.30 @	9 10:44:00	
GENERAL INFORMATION:							
Formation:ArbuckleDeviated:NoWhipstoTime Tool Opened:14:28:30Time Test Ended:19:11:00	ck: ft (KB)		Test Test Unit	er: C	Conventiona Cody Bloedd 53		lole (Initial)
Total Depth: 3360.00 ft (Ki	3360.00 ft (KB) (TVD)) (TVD) sHole Condition: Fair		Refe	erence Elev KB to	vations: o GR/CF:	1858.0	00 ft(KB) 00 ft(CF) 00 ft
Serial #: 6799InsidePress@RunDepth:162.92Start Date:2013.1Start Time:10:44	.30 End Date:	2013.11.30 19:10:59	Capacity: Last Calib Time On E Time Off	o.: 3tm: 2	2013.11.30	2013.11.3 @ 14:28:1	5
TEST COMMENT: 45 - IF- 9 1. 30 - ISI- No 45 - FF- 5" 45 - FSI- No	return olow return	1					
Pressu T 6799 Pressure	e vs. Time 5799 Tempendure				ESUMM		
1750		Time (Min.)	Pressure (psig)	Temp (deg F)	Annotatio	n	
1500	95	0	1701.35	93.23	Initial Hydro		
220		1	76.73		Open To F Shut-In(1)	low (1)	
		45	111.50 1070.18		End Shut-I	n(1)	
		76	126.73		Open To F		
		119	162.92		Shut-In(2)		
		167 168	1077.42 1648.70		End Shut-li Final Hydro		
0	37M 07M (Fax)						
Reco	ery			Gas	s Rates		
Length (ft) Descripti	n Volume (bbl)			Choke (in	nches) Pressu	re (psig)	Gas Rate (Mcf/d)
62.00 SOCMW, 10%O, 30	%M, 60%W 0.87					I	
186.00 GHOCM, 10%G, 30	%O, 60%M 2.61						
45.00 GO, 40%G, 60%O	0.63						
0.00 186' of G.I.P.	0.00						
Trilohite Testing Inc	Bef No: 55361				2013 12 04		

	DRILL STEM TES	ST REP	ORT		
RILOBITE	American Warrior Inc		8-16s-10v	v Ellsworth	n, KS
ESTING , INC	PO Box 399		White #6	-3	
	Graden City KS 67846		Job Ticket:	55361	DST#:1
N3Y	ATTN: Jim Musgrove		Test Start:	2013.11.30 @	@ 10:44:00
GENERAL INFORMATION:					
Formation:ArbuckleDeviated:NoWhipstock:Time Tool Opened:14:28:30Time Test Ended:19:11:0	ft (KB)		Test Type: Tester: Unit No:	Convention Cody Bloed 53	al Bottom Hole (Initial) Iorn
Interval:3285.00 ft (KB) To33Total Depth:3360.00 ft (KB) (THole Diameter:7.88 inches Hole			Reference	Elevations: B to GR/CF:	1868.00 ft (KB) 1858.00 ft (CF) 10.00 ft
Serial #: 8648OutsidePress@RunDepth:psigStart Date:2013.11.30Start Time:10:44:05	@ 3352.00 ft (KB) End Date: End Time:	2013.11.30 19:08:59	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2013.11.30
TEST COMMENT: 45 - IF- 9 1/2" bl 30 - ISI- No retu 45 - FF- 5" blow 45 - FSI- No retu	n Irn				
Pressure vs. 7	Lane 1948 Temperature			JRE SUMM	
1770 1770		Time (Min.)	Pressure Temp (psig) (deg f		ion
Recovery				Bas Rates	
Length (ft) Description	Volume (bbl)				sure (psig) Gas Rate (Mcf/d
62.00 SOCMW, 10%O, 30%M,	60%W 0.87		I	I	I
186.00 GHOCM, 10%G, 30%O,	60%M 2.61				
45.00 GO, 40%G, 60%O	0.63				
0.00 186' of G.I.P.	0.00				

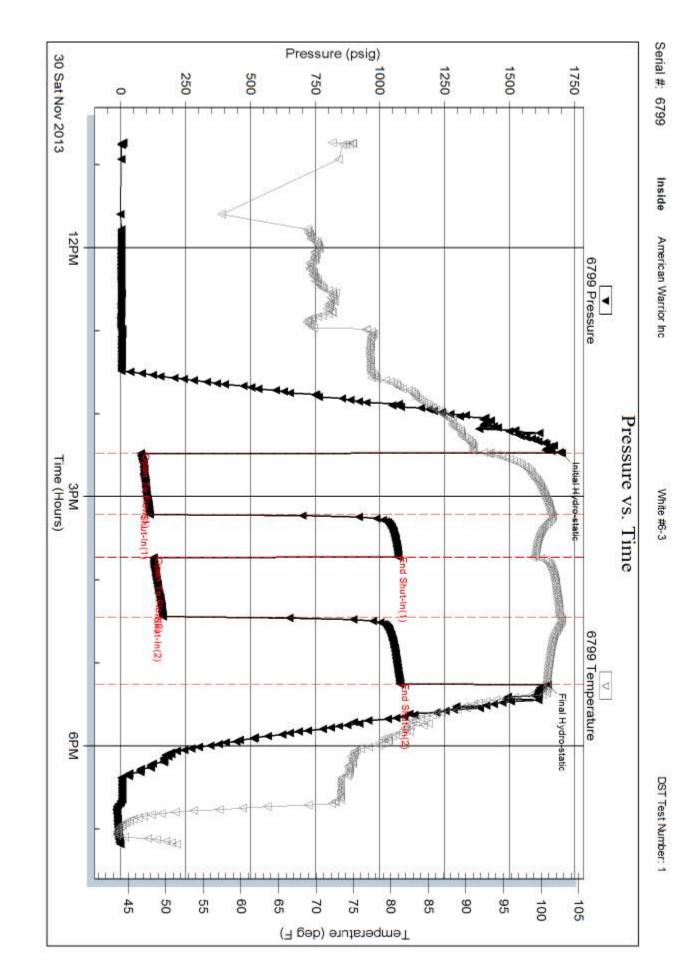
$\Delta \hat{\Omega} \wedge \mathbf{T}$		ITE	DRIL	LSIE	WIESI	REPOR	I	TOOL DIAGRA
	RILOB			N Warrior Inc			8-16s-10w Ellswort	h,KS
	EST	'ING , INC	PO Box 3	99			White #6-3	
			Graden (City KS 6784	6		Job Ticket: 55361	DST#:1
10			ATTN: 、	lim Musgrove	e		Test Start: 2013.11.30 (-
Tool Information	1							
		3286.00 ft	Diameter:	3.80 inc	hes Volume:	46.09 bbl	Tool Weight:	2000.00 lb
•	Length:		Diameter:		hes Volume:		Weight set on Packer	
	Length:		Diameter:		hes Volume:		Weight to Pull Loose:	
	Longun	0.0011	Blamoton	-	Total Volume:		Tool Chased	0.00 ft
Drill Pipe Above KB		22.00 ft					String Weight: Initial	30000.00 lb
Depth to Top Packe		3285.00 ft					Final	32000.00 lb
Depth to Bottom Pa		ft						
nterval between P	ackers:	75.00 ft						
		96.00 ft						
0		2	Diamatari	G 7E inc	haa			
Tool Length: Number of Packers Tool Comments:	5:	2	Diameter:	6.75 inc	hes			
Number of Packers Tool Comments: Tool Description			ngth (ft) S		Position		ccum. Lengths	
Number of Packers Tool Comments: Tool Description Change Over Sub			ngth (ft) \$ 1.00			3265.00	ccum. Lengths	
Number of Packers Tool Comments: Tool Description Change Over Sub Shut In Tool			ngth (ft) \$ 1.00 5.00			3265.00 3270.00	ccum. Lengths	
Number of Packers Tool Comments: Fool Description Change Over Sub Shut In Tool Hydraulic tool			ngth (ft) \$ 1.00 5.00 5.00			3265.00 3270.00 3275.00		Dettern Of Ten Decke
Number of Packers Fool Comments: Fool Description Change Over Sub Shut In Tool Hydraulic tool Packer			ngth (ft) \$ 1.00 5.00 5.00 5.00			3265.00 3270.00 3275.00 3280.00	ccum. Lengths 21.00	Bottom Of Top Packer
Number of Packers Tool Comments: Fool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer			ngth (ft) 5 1.00 5.00 5.00 5.00 5.00 5.00			3265.00 3270.00 3275.00 3280.00 3285.00		Bottom Of Top Packer
Number of Packers Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb			ngth (ft) \$ 1.00 5.00 5.00 5.00 5.00 1.00			3265.00 3270.00 3275.00 3280.00 3285.00 3286.00		Bottom Of Top Packer
Number of Packers Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations			ngth (ft) \$ 1.00 5.00 5.00 5.00 5.00 1.00 2.00			3265.00 3270.00 3275.00 3280.00 3285.00 3286.00 3288.00		Bottom Of Top Packer
Number of Packers Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Change Over Sub			ngth (ft) \$ 1.00 5.00 5.00 5.00 5.00 1.00 2.00 1.00			3265.00 3270.00 3275.00 3280.00 3285.00 3286.00 3288.00 3288.00 3289.00		Bottom Of Top Packer
Number of Packers Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Packer Stubb Perforations Change Over Sub Drill Pipe			ngth (ft) \$ 1.00 5.00 5.00 5.00 5.00 1.00 2.00 1.00 62.00			3265.00 3270.00 3275.00 3280.00 3285.00 3286.00 3288.00 3289.00 3351.00		Bottom Of Top Packer
Number of Packers Fool Comments: Fool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Packer Stubb Perforations Change Over Sub Drill Pipe Change Over Sub			ngth (ft) \$ 1.00 5.00 5.00 5.00 5.00 1.00 2.00 1.00 62.00 1.00	Serial No.	Position	3265.00 3270.00 3275.00 3280.00 3285.00 3286.00 3288.00 3289.00 3351.00 3352.00		Bottom Of Top Packe
Number of Packers Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Change Over Sub Drill Pipe Change Over Sub Recorder			ngth (ft) \$ 1.00 5.00 5.00 5.00 5.00 1.00 2.00 1.00 62.00 1.00 0.00	Serial No.	Position	3265.00 3270.00 3275.00 3280.00 3286.00 3288.00 3288.00 3289.00 3351.00 3352.00		Bottom Of Top Packe
Number of Packers Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Change Over Sub Drill Pipe Change Over Sub Recorder Recorder			ngth (ft) \$ 1.00 5.00 5.00 5.00 5.00 1.00 2.00 1.00 62.00 1.00 0.00 0.00	Serial No.	Position	3265.00 3270.00 3275.00 3280.00 3285.00 3286.00 3288.00 3289.00 3351.00 3352.00 3352.00 3352.00		Bottom Of Top Packe
Number of Packers Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Change Over Sub Drill Pipe Change Over Sub Recorder			ngth (ft) \$ 1.00 5.00 5.00 5.00 5.00 1.00 2.00 1.00 62.00 1.00 0.00	Serial No.	Position	3265.00 3270.00 3275.00 3280.00 3286.00 3288.00 3288.00 3289.00 3351.00 3352.00	21.00	Bottom Of Top Packe

(OD) T	RILOBITE		ILL STEM TEST REPOR		FLUI	D SUMMAR	
割し			can Warrior Inc	8-16s-10w Ellsworth,KS			
ESTING , INC			PO Box 399 Graden City KS 67846		White #6-3 Job Ticket: 55361 DST#:1		
		ATTN:	ATTN: Jim Musgrove		2013.11.30 @ 10:44:0		
lud and Cush	nion Information						
/lud Type: Gel (/lud Weight: /iscosity: Vater Loss: &esistivity: &alinity: ilter Cake:	Chem 9.00 lb/gal 55.00 sec/qt 6.39 in ³ ohm.m 4600.00 ppm inches		Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:	ft bbl psig	Oil API: Water Salinity:	deg API ppm	
Recovery Info	rmation						
			Recovery Table	Valuma	_		
	Leng ft		Description	Volume bbl			
		62.00	SOCMW, 10%O, 30%M, 60%W	0.8			
		186.00 45.00	GHOCM, 10%G, 30%O, 60%M GO, 40%G, 60%O	2.60			
		45.00	186' of G.I.P.	0.0			
	I			•	—		
	Total Length:	293	3.00 ft Total Volume: 4.110 bb	bl			
	Total Length: Num Fluid Sam Laboratory Nai Recovery Com	ples: 0 me:	3.00 ft Total Volume: 4.110 bb Num Gas Bombs: 0 Laboratory Location:	ol Serial	#:		
	Num Fluid Sam Laboratory Na	ples: 0 me:	Num Gas Bombs: 0		#:		
	Num Fluid Sam Laboratory Na	ples: 0 me:	Num Gas Bombs: 0		#:		
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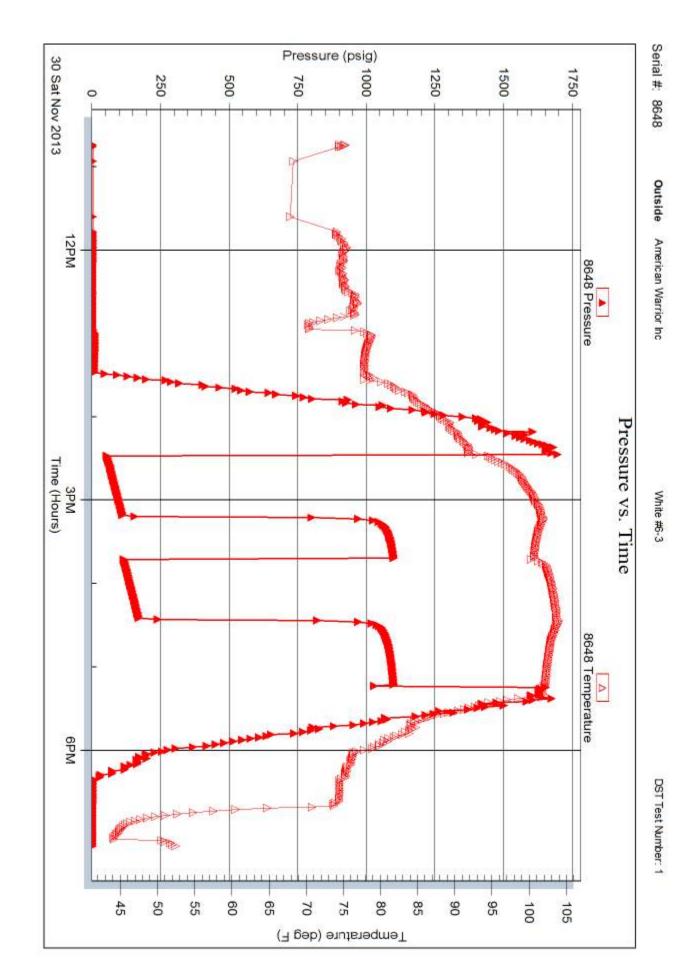




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Ref. No: 55361

Trilobite Testing, Inc



4/10	RILOBITE ESTING INC. 1515 Commerce Parkway	• Hays, Kansas 676	01	Test	Ticket 55361	
Company Amer Address <u>3118</u> Co. Rep / Geo. <u>5</u> Location: Sec. <u>6</u>	uhite #6-3 ican Warrvor Cummings Rd im Muscrove 8165	SMC Garden City Rge. 10 W	Elevation KS, 678 RigLu CoE10	1868 846 Ke #8 Is worth		GL
	285 - 3360				0	
Anchor Length		_ Drill Pipe Run _			Mud Wt	
	1280				Vis <u>55</u>	NON-
	3285		100		WL	_
Total Depth		_ Chlorides	600 p	pm System	LCM	
	F- 91/2" blow					
	I - Norefurn				-	
	F-5" blow					
	I-No refurn			10		2
	Feet of <u>SOCMW</u>		%gas	10 %oil	66%water	<u>36 %mud</u>
	Feet of <u>6406M</u>		/O %gas	<u>30 %oil</u>	%water	60 %mud
	Feet of <u>60</u>	Ω	40 %gas	60 %oil	%water	%mud
	Feet of 186' 6. I	· Fi	%gas	%oil	%water	%mud
	Feet of		%gas	%oil	%water	%mud
		Gravity	API RW		Chlorides	ppm
	1701	Test 1150			ed 10:44	
	76	Jars				am 14:30
	/1_	Safety Joint		T-Open	1715	
	1670	Circ Sub			1913	
(E) Second Initial Flow		Hourly Standby			ents	
		A Mileage 118	RT 182.9	90		
	1077	Sampler				
(H) Final Hydrostatic	1648	Gamma Straddle		— 🗆 Rui	ned Shale Packer_	
		Shale Packer		🗆 Rui	ned Packer	
Initial Open <u>45</u>		Extra Packer		🗆 Ext	ra Copies	
Initial Shut-In		Extra Recorder			tal0	
Final Flow	45	Day Standby	N		1332.90	
Final Shut-In	45	Accessibility		MP/DS	ST Disc't	
		Sub Total 1332.	90		0/1/-	

Approved By _______ 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 of 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.

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Office (620) 588-4250

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Res. Claflin (620) 587-3444

American Warrior Inc. White #6-8 SW-NW-SE-NW (1062' FNL & 1388' FWL) Section 8-16s-10w Ellsworth County, Kansas Page 1

5 1/2" Production Casing Set

Contractor:	Southwind Drilling Co. (Rig #8)
Commenced:	November 24, 2013
Completed:	December 1, 2013
Elevation:	1876' K.B; 1874' D.F; 1868' G.L.
Casing program:	Surface; 8 5/8" @ 376' Production; 5 ½" @ 3459'
Sample:	Samples saved and examined 2600' to the Rotary Total Depth.
	6.7
Drilling time:	One (1) foot drilling time recorded and kept 2600 ft. to the Rotary Total Depth.
Drilling time: Measurements:	
	Depth.

Formation	Log Depth	Sub-Sea Datum
Anhydrite	681	+1195
Base Anhydrite	708	+1168
Heebner	2901	-1025
Toronto	2921	-1045
Douglas	2931	-1055
Brown Lime	3002	-1126
Lansing	3015	-1139
Base Kansas City	3311	-1435
Conglomerate	3330	-1454
Arbuckle	3345	-1469
Rotary Total Depth	3460	-1584
Log Total Depth	3459	-1583
(All tops and zones co	rrected to Electric Log	measurements).

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American Warrior Inc. White #6-8 SW-NW-SE-NW (1062' FNL & 1388' FWL) Section 8-16s-10w Ellsworth County, Kansas Page 2

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SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

2800-2904'	Several zones of well-developed porosity encountered in the
	drilling of the Topeka Section but no shows of oil and/or gas was
	noted.

TORONTO SECTION

2921-2930'	Limestone; white, cream, finely crystalline, chalky, poor visible
	porosity, no shows.

DOUGLAS SAND SECTION

2940-2951'	Sand; gray/grayish green, very fine grained, micaceous, sub
	rounded, friable, fair intergranular porosity, questionable stain,
	no show of free oil and no odor in fresh samples.

LANSING SECTION

3015-3025'	Limestone; white, cream, oolitic, scattered questionable stain, no free oil and no odor in fresh samples.
3050-3060'	Limestone; white, oolitic, oomoldic, chalky, scattered oomoldic porosity, brown and black stain, show of free oil (heavy-black) and faint odor in fresh samples.
3065-3078'	Limestone; gray, oolitic, dense, plus white/gray, oolitic, opaque chert.
3100-3110'	Limestone; gray, finely oolitic, chalky, dense, no shows.
3112-3137'	Limestone; white, tan, oomoldic, good oomoldic porosity (barren).
3165-3180'	Limestone; white, gray, tan, oolitic, sub oomoldic, chalky, no shows.
3196-3215'	Limestone; gray, white, oolitic, chalky, scattered porosity, poorly developed, no shows.
3240-3250'	Limestone; white, tan, chalky, (dense) plus gray, white and amber colored chert.

CONGLOMERATE SECTION

3330-3345' Abundant white boney chert in matrix of varied colored shale.

ARBUCKLE SECTION

3345-3350' Dolomite; tan, very finely crystalline, sucrosic, scattered pinpoint porosity, trace stain, show of fee oil and faint odor in fresh samples.

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American Warrior Inc. White #6-8 SW-NW-SE-NW (1062' FNL & 1388' FWL) Section 8-16s-10w Ellsworth County, Kansas Page 3

> 3350-3360' Dolomite; as above, increase in porosity, fair stain, show of free oil and fair odor in fresh samples, plus white chert. Drill Stem Test #1 3285-3360' Times: 45-30-45-45 Blow: Fair **Recovery:** 186' gas in pipe 45' clean gassy oil 186' heavy oil and gas cut mud (10% gas, 30% oil, 60% mud) 62' slightly oil and gas cut muddy water (10% oil, 60% water, 30% mud) Pressures: ISIP 1070 psi **FSIP 1077** psi IFP 76-111 psi FFP 126-162 psi HSH 1701-1648 psi 3360-3380' Dolomite; as above, fair stain, show of free oil and good odor in fresh samples, plus white, boney, opaque chert. Dolomite; as above, plus iron pyrite. 3380-3396' Dolomite; gray, tan, medium crystalline, good intercrystalline 3400-3425' porosity, few sub oomoldic, no shows.

3425-3440' Dolomite; white/tan and gray, finely crystalline, sucrosic, poor to fair pinpoint porosity, plus abundant white/gray boney chert.

3440-3460' Dolomite; as above, plus white chalk.

Rotary Total Depth	3460
Log Total Depth	3459

Recommendations:

5 1/2" production casing was set and cemented on the White #6-8.

Respectfully submitted; M James` Ç. Musgrove Petroleum Geologist