Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1236433

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:	
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: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
OG GSW Temp. Abd. 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 follows:	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: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Duilling Fluid Management Dian
Plug Back Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. 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:

	i uge i ne	236433
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	

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		og Formatio	n (Top), Depth and	d Datum	Sample
Samples Sent to Geolog	jical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		on, 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 / SQU	EEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing							
Plug Off Zone							
Did you perform a hydraulic	fracturing treatment of	on this well?		Yes	No (If No, skip	o questions 2 an	d 3)
Does the volume of the tota	I base fluid of the hyd	raulic fracturing treatment ex	ceed 350,000 gallons	?Yes	No (If No, skip	, question 3)	
Was the hydraulic fracturing	treatment informatio	n submitted to the chemical of	lisclosure registry?	Yes	No (If No, fill c	out Page Three of	of the ACO-1)

Shots Per Foot		PERFORATION Specify Fo	NRECOF	RD - Bridge Pl Each Interval F	lugs Set/Typ Perforated	00			ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packe	r At:	Liner R	lun:	No	
Date of First, Resumed	l Product	ion, SWD or ENH	٦.	Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	_	GAS: Used on Lease		Open Hole	METHOD	OF COMPLE	Comp.	Commingled (Submit ACO-4)	PRODUCTION INTE	RVAL:
(If vented, Su	ıbmit ACC	D-18.)		Other <i>(Specify)</i>		(Subinit /	,	(3001111 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	Fritz-Brenner Unit 1
Doc ID	1236433

Tops

Name	Тор	Datum
Anhydrite	1510	708
Heebner	3684	-1465
Lansing	3728	-1510
Base Kansas City	4002	-1784
Pawnee	4103	-1885
Ft. Scott	4288	-1970
Cherokee	4203	-1885
Mississippian	4286	-2068
Gilmore City	4382	-2164
Viola	4462	-2244
Simpson	4611	-2393
Arbuckle	4616	-2398
TD	4870	-2652

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092	SERVICE POINT:
,	<u>Marpera</u>
DATE 078-62-14 29 17 21	730 PM 7:50 PM 808 PM 8:5
FT&	
	CKS DO RJ 6 N TO 190 NESS KS
OLD OR REW (Circle one) RJ TO RIFE TO E	ERD I NOTTA EAST INTE
CONTRACTOR DISCOURSE 3	QWNER [~0 ¹
TYPE OF JOB SINY FACT	·
HOLE SIZE 12 1/2 T.D. 258.72 CASING SIZE 8.55 DEPTH 223.72	CEMENT AMOUNT ORDERED <u>/ So 5x5 C/05r 0 3% (</u>
TUBING SIZE DEPTH	- <u>2 2 6e</u> l
DRILL PIPE DEPTH	
TOOL DEPTH PRES. MAX MINIMUM	
PRES. MAX MINIMUM MEAS. LINE SHOE JOINT	COMMON <u>155</u> @ <u>17.90</u> 263 POZMIX @
CEMENT LEFT IN CSG. 15	GEL @ _/.05/
PERFS.	CHLORIDE 423 @ 1.10 46
DISPLACEMENT /5- <u>A</u> 2147 <u>BB1 1426</u>	ASC@
EQUIPMENT	
# 366 HELPER Brian LANG 3	@
BULK TRUCK	
#609/239 DRIVER Keynin BUCKHOUS?	
BULKTRUCK	@
₩ DRIVER	HANDLING 162.50 @ 2.48 44 MILEAGE 7.41 × 22 0 2.75 44
Mix 150 3x5 Blass A 3% CC 2% 601	
Displased 15.47 BRIS HRO shut in Cement Dia circ	DEPTH OF JOB <u>25 €</u> PUMP TRUCK CHARGE <u>15/2.2.4</u> EXTRA FOOTAGE <u>6</u> MILEAGE <u>HVM</u> 22. @ 7.70 16 MANIFOLD <u>6</u>
	PUMP TRUCK CHARGE 15/2.2.4 EXTRA FOOTAGE @ MILEAGE HVM 22. @ 7.70 16' MANIFOLD @
Cement Oid Circ.	PUMP TRUCK CHARGE6 EXTRA FOOTAGE@ MILEAGE@ MANIFOLD@
CRARGE TO: American Warrior	PUMP TRUCK CHARGE@ EXTRA FOOTAGE@ MILEAGEWM 22@ 7.70 /6 MANIFOLD@
Cement Oid Circ.	PUMP TRUCK CHARGE 15/2.2.4 EXTRA FOOTAGE @ MILEAGE HVM 22. @ 7.70 16 MANIFOLD @
CRARGE TO: American Warrior	PUMP TRUCK CHARGE 15/2.2.4 EXTRA FOOTAGE @ MILEAGE HVM 22. @ 7.70 16' MANIFOLD @
CRARGE TO: American & & American STREET	PUMP TRUCK CHARGE@ EXTRA FOOTAGE@ MILEAGE@ MANIFOLD@
Cement Oid Circ.	PUMP TRUCK CHARGE@ EXTRA FOOTAGE@ MILEAGE <u>HVM 22</u> @ 7.70 /6 MANIFOLD@ @ TOTAL 26 Dat 25% 6 6 PLUG & FLOAT EQUIPMENT @ @@
CRARGE TO: American GJArrior STREETSTATE THANK YOU!	PUMP TRUCK CHARGE@ EXTRA FOOTAGE@ MILEAGE <u>HVM 22</u> @ 7.70 /6 MANIFOLD@ @ TOTAL 26 Dat 25% 6 6 PLUG & FLOAT EQUIPMENT @ @ @ @ @
CHARGE TO: <u>American</u> <u>Userrior</u> CHARGE TO: <u>American</u> <u>Userrior</u> STREET CITY STATE <i>Thank</i> YOU! To: Allied Oil & Gas Services, LLC.	PUMP TRUCK CHARGE@ EXTRA FOOTAGE@ MILEAGE <u>HVM 22</u> @ 7.70 /6 MANIFOLD@ @ TOTAL 26 Dat 25% 6 6 PLUG & FLOAT EQUIPMENT @ @@
CHARGE TO: <u>American</u> <u>(Jarrior</u> CHARGE TO: <u>American</u> <u>(Jarrior</u> STREET CITY STATE <i>THANK</i> YOU! To: Allied Oil & Gas Services, LLC. You are hereby requested to rent comenting equipment	PUMP TRUCK CHARGE@ EXTRA FOOTAGE@ MILEAGEWM 22@ 7.70 /6 MANIFOLD@ 7.70 /6 MANIFOLD@ 7.70 /6 MANIFOLD@ 7.70 /6 @ @ @ TOTAL 263 Dial 2590 6 6 PLUG & FLOAT EQUIPMENT @ MANIFOLD @ # DITAL 263 DIAL 2
Centerit Ord Circ. CHARGE TO: American & Larrior STREET STREET CITY STATE ZIP Thank YOU! 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	PUMP TRUCK CHARGE@ EXTRA FOOTAGE@ MILEAGEWM 22_@ 7.70 /6 MANIFOLD@ @ TOTAL 26 Dial 25% 6 5 PLUG & FLOAT EQUIPMENT @@ @@ @@ @@ @@ @@ @@ @@ MANIFOLD @ # TOTAL 26 % 5 PLUG & FLOAT EQUIPMENT @
Centerit Ord Circ. CHARGE TO: American & & Jarrior STREET STREET CITY STATE ZIP TANK YOU! 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	PUMP TRUCK CHARGE@ EXTRA FOOTAGE@ MILEAGEWM 22@ 7.70 /6 MANIFOLD@ @ TOTAL 263 Did. 25% 6 6 PLUG & FLOAT EQUIPMENT @
	PUMP TRUCK CHARGE $15/2.2.4$ EXTRA FOOTAGE @ MILEAGE $4 \times M$ 22 @ 7.70 /6 MANIFOLD @ 7.70 /6 MANIFOLD @ 7.70 /6 @ @ 7.70 /6 MANIFOLD @ 7.70 /6 @ @ 7.70 /6 MANIFOLD @ 7.70 /6 @ @ 7.70 /6 TOTAL 263 Didu 2590 /6 6 PLUG & FLOAT EQUIPMENT @ @ @ & @ & @ @
Centerit Ord Circ. CHARGE TO: American & & Jarrior STREET STREET CITY STATE ZIP TANK YOU! 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	PUMP TRUCK CHARGE
CHARGE TO: American & & American & & CHARGE TO: American & & & & & & & & & & & & & & & & & & &	PUMP TRUCK CHARGE@ EXTRA FOOTAGE@ MILEAGEWM 22@ 7.70 /6 MANIFOLD@ @ 7.70 /6 MANIFOLD@ @ 7.70 /6 MANIFOLD@ @ 7.70 /6 MANIFOLD@ 7.70 /6 @ 7.70 /6 TOTAL 267 0 /6 /6 /6 /6 /6 /6 PLUG & FLOAT EQUIPMENT @@ @@ @@ @@ @@ @
Centerit Ord Cricc. CHARGE TO: American & & Jarrier STREET STREET CITY STATE ZIP TANK YOU! 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 contractor. I have read and understand the "GENERAL"	PUMP TRUCK CHARGE@ EXTRA FOOTAGE@ MILEAGEWM 22@ 7.70 /6 MANIFOLD@ @ 7.70 /6 MANIFOLD@ @ 7.70 /6 MANIFOLD@ @ 7.70 /6 MANIFOLD@ 7.70 /6 @ 7.70 /6 TOTAL 267 0 /6 /6 /6 /6 /6 /6 PLUG & FLOAT EQUIPMENT @@ @@ @@ @@ @@ @

Thank You!	. ~		-			APPROVAL	Richill	SHIFT OFERATOR
		es inded on this ticket	is to be draftline materials and services insted on this ficket	muters is on of of the	CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES	CCEPTANCE OF MA	CUSTOMER A	SWIET ODEDATOD
		O RESPOND	CUSTOMER DID NOT WISH TO RESPOND			1130		
	TOTAL	S S	D YES			N C	TIME SIGNED	DATE SIGNED
			ED WITH OUR SERVICE	SATISFACTORILY?	NESS CITY, KS 67560			×
	TAX		JOB	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS	P.O. BOX 466		START OF WORK OR DELIVERY OF GOODS	START OF WORK OR DEL
			S HOUT DELAY?	PERFORMED WITH	SWIFT SERVICES, INC.		INT T DIVUSIONS.	MUST BE SIGNED BY CUSTOMER OR CUSTON
00 ECE			SP CINA (WE UNDERSTOOD		MNITY, and	but are not limited to, PAYMENT, RELEASE, INDEMNITY, and	but are not limited
5798 50			Performed Jown?	OUR EQUIPMENT WITHOUT BREAKD	REMIT PATIMENT 10:	hich include,	the terms and conditions on the reverse side hereof which include,	the terms and cond
7 25 00	-	LEE UN- DIS- DECIDED AGREE	VEY AGREE	SURVEY		and agrees to	LEGAL TERMS: Customer hereby acknowledges and agrees to	LEGAL TERMS: (
en e	- 							
								; **
	i sant		-					
2750	27500	101	5512		Latch dran Dig & held		•	406
165000	1680 po		57 12		Parke Store			105
000 C	02900 a	100	52		Poet Collar			404
6000	300000	204	52 in		Comut Bret			4113
490 100	ed 02	714	25 m		5			402
1500 00	1500 po		104		Cher			578
120 00	00 9	-	× 02		MILEAGE TRY 114			575
AMOUNT	PRICE	QTY. UM	QTY. UM		DESCRIPTION	LOC ACCT DF	SECONDARY REFERENCE/ PART NUMBER	PRICE
				.0		S		REFERRAL LOCATION
					Ĺ		0	4.
		tion	WELL DEBUIT NO	(F)				;,
ĒR	No Aug M	ine DATE			Fritz Brewar UN to Muno	CONTRACTOR		
<u>م</u> ا	PAGE 1					CITY, STATE, ZIP CODE	Services, Inc.	1 m -
					ţ	ADDRESS		
26408	TICKET				American Ilberton	CHARGE TO:	WIFT	IS.

JOB LC		11	WELL NOP			LEASE		ICES, INC.
H	Nutition !	Warrior		.		FPAZ-AR		DOB TYPE LONG STRING TICKET NO. 26408
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUM T	PS C	PRESSUE TUBING	CASING	DESCRIPTION OF OPERATION AND MATERIALS
	ļ		<u> </u>					225st SND 1/4 + Fhale Pocks Shoe
								"17 x B2" cosing Hoits 4636 total pipe
		-	ļ				ļ	5 hrs 1 17. 44 Gent 1, 23, 57, 11, 75 Btshed 12, 76 Poet Coller #76 1489'
			 					Btshill 12, 76 Fort 1016+ #76 14891
	1900							on ba
	1906							stopt 5% 17# pipe in well
							<u> </u>	
	2105	i 					<u> </u>	circulate well
								<u> </u>
	2130					· · · · · ·	ļ	Drop nesic gddin ball
	2HS						1000	
		4	12				200	
		. 4	20				200	punp 2060 KCL plush
	0.0	· .	-					Dil mil and
	2155	-	7					Plug RH-IIIH 2054
			▲ # 25					
	2200	4/2	42					Mix SHD ament 1753 # 117 1599
		42	16				two	13.5 00
-1.		1/2					700	M5 ppg
			67 64	ROTAL	\square			
					-	·		Drop black drun phy
		: .	-					Drop bitch drun phy Washout pump & line
	2225	6	<u> </u>				200	Displace plug
		6	99				750	0 1
	32.45	6	107				1500	Land plug
						<u>.</u>		Release prosence to truck - dried up
	2248							which touck
						and the second	ماند بر ماند. ماند بر ماند با	
							an gestañ T	Rack up
	1120				-+			
	1 30							jet conflite Plan la Blane Flat i vares
						2 2	· · · · ·	15 mm
								Blase Flate JAZES

8	5788	18 88 13 V						
				TON MILES		LAC C LUDIEM NUCL		
8	457 00	200		CUBIC FEET	~ く			581
8	asomo	4052		10		Danal (m.)		582
				-				
Γ								
Γ			-		4			
Γ								
Γ								
							T	
Γ								
			-					
				-				-
Γ								
							4	
Γ			-	-				
				-				
8	Idlojoo	92,00		369		D-Aire		290
<u> </u>	8000	25100		2 and		KGL Lava		 221
õ	625100	125		500 6-11		mudFlusk		281
8	125	2 2		50 16		flocator.		276
ঠি	4/62/50	68/		225 SK		Sm3 annt		330
ען	2°2	DATE DAUG IN MORE	the two	MELL Z. BCCHWAR UN. T 14 DATE	CUNE Y	ausing Part 1/21	Ness City, KS 67560 Off: 785-798-2300	Same
	80	10000 Mar. 26408			NUTION	TICKET C NTINU	PO Box 466	NSN SN

1111111

A Lot

and the second second

1

Tunur Ton:							Juried Krehn	
The second		isted on this ticket.	ges receipt of the materials and services listed on this ticket		CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowled APPROVAL	ER ACCEPTANCE OF MAT		
6910582		ESPOND	CUSTOMER DID NOT WISH TO RESPOND		י טי-ר טט-בטטט			
	1014		D WITH OUR SERVICE?	ARE YOU SATISFIED			TIME SIGNED	DATE SIGNED
61 602 8	16.15		WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	WE OPERATED THE AND PERFORMED JU CALCULATIONS SATISFACTORILY?			START OF WORK OR DELIVERY OF GOODS	START OF WORK OR DEL
			NUT DELAY?	OUR SERVICE WAS PERFORMED WITHOUT DELAY?	SWIFT SERVICES, INC.	IOR TO	STOMER OR CUSTOMER'S AGENT PR	MUST BE SIGNED BY CUSTOMER OR CUSTON
		an a	WD **	WE UNDERSTOOD / MET YOUR NEEDS?		NDEMNITY , and	but are not limited to, PAYMENT, RELEASE, INDEMNITY, and	but are not limited
F 322 SO	PAGE TOTAL	DECIDED		OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	REMIT PAYMENT TO:	sof which include,	LEGAL TERMS: Customer nereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include,	the terms and conc
		UN-		SURVEY	k		Protomor horobu onlynoulodo	I ECAI TEDUS
o JSO a	1054	<u>8</u>						582
~ 350 ~	2	1× 2×		1 ¹⁰	Service Charge Cement	ongugano		135
		-	· · · · · · · · · · · · · · · · · · ·		and the state of the			
			25 					
00 105E	3501	S/J/S	l jek		Port Collar Tool Rental	•••••••		201
00 48 00	1 Th	21001			D-Air	20thquery		240
100		40 165	% %		Florek			276
021 2032 DS	8	SS IS			5 Comont	2 <i>41147</i> 55*		330
∞ 0051 ∞	58	8		Ţ	o Cherrie			570
a 001 a		B M M			MILEAGE Trk "115			58
AMOUNT	UNIT	ALLY. UM	QTY. UM		DESCRIPTION	LOC ACCT DF	SECONDARY REFERENCE/ PART NUMBER	PRICE
å	and the second					TIONS		REFERRAL LOCATION
C. I.S. E	Bezzive " 81	Ø.	WELL PERMIT NO.	6.4	huckpenent Cement 55" Part Coll			4
	ORDER NO.	OR	Lace ion		Service	H.D. O; Kield		2.
owner Same	ле 8-14-14	DATE	ony Bazine		- Bremer Unit	0. LEASE THE	TICKET AVANCE TOOL	SERVICE LOCATIONS
 OT	PAGE				CODE	CITY, STATE, ZIP CODE	Services, Inc.	Serv
						ADDRESS		
(ET 26463	TICKET				American Warvior	CHARGE TO:	WIFT	15

USTOMER		<u>é</u>	WELL NO. H	÷				ICES, INC.
Ancri	un Wa	Y				Friz-B	renner	Unit Gmant SK" Part Collar TICKET NO. 26463
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUN		PRESSUR TUBING	RE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	1500							on Location
.:								P.C. 1489 2%×5%"
								175 sks SMO w/ 1/4 # F/0
							n de la constante La constante La constante de la constante	
	1613	Ø.	ø		1		1000	pressure test Hold
			l se set se set					
		2	4		1		200	open Port Collar
		antes estas est	and a second				an an Arthreanna An Anna Anna Anna Anna An Anna Anna	
	1620	4	86	V		400		mix 155 sks SMD @ 11.2 pg
·								circulate 20 sks to pit "
		<u> </u>		ta a di Nasari di				
		· ·		-				~
	1640	4	S次	\checkmark		500		Displace Cement
	3 s							
	1645	Ø.	Ø	1		1000	la Sectores de la compositione de la compositione de la compositione de la composition de la composition de la comp Compositione de la compositione de l	close Part Collar Hold
								Run 4 JFs
		24					200	
	1700	31/2	20		V		300	Réverse coment clean
	ری منطقی منطقی							
								wash up truck
	ing year. An a'		<u></u>					
			1997) 1997 - State St 1997 - State					
	1730		an 1997 - 1997 An 1997 - 1997 - 1997 An 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19					T
	1732							Job Complete
		ang tang tang tang tang tang tang tang t	n <u>an an dala</u> Tanàna amin'ny tanàna dia kaominina dia kaomi Ny faritr'ora dia kaominina d				garrena - 22 	
		ан 1922 —						$\overline{\mathcal{T}}$ $\overline{\mathcal{T}}$ $\overline{\mathcal{T}}$
		for a second	n sainte Sainte Sainte	1993) 1995 - Si		<u>er i se si se se si</u> Ngjar	ning geboord. Second Second	
	 							Nave Vason Nob
		<u></u>		<u>e la s</u> ite A site			inser an	· · · · · · · · · · · · · · · · · · ·
			2					
			ana an an Artain Taona an Artain Artain					<u></u>
		en en son se Se incensión de					Chipan	

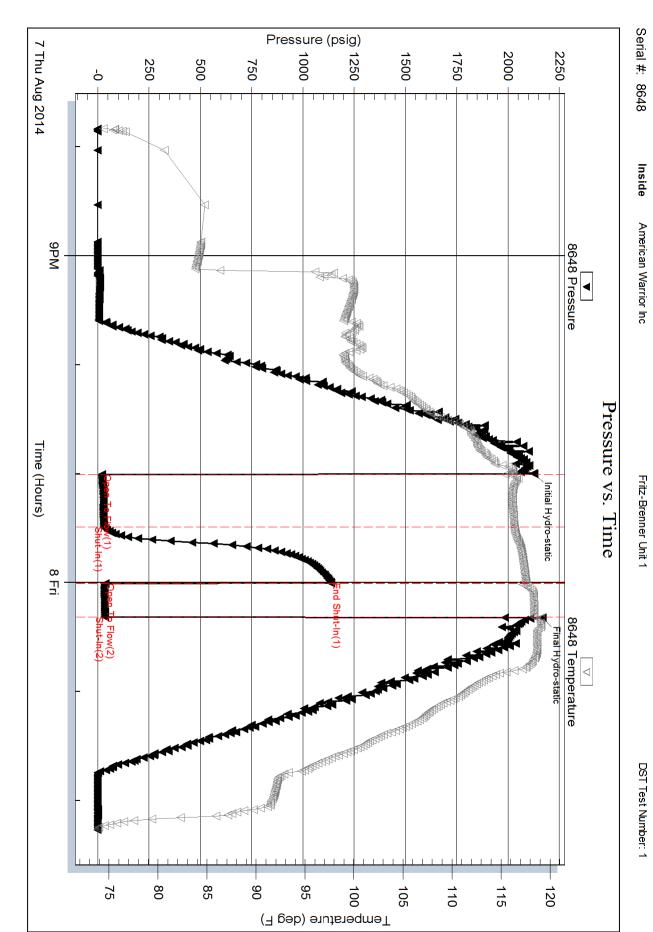
	DRILL STEM TES	TREP	ORT	
RILOBITE	American Warrior Inc		29-17s-21w Ness KS	
ESTING , INC	Po Box 399 Garden Clty KS, 67846		Fritz-Brenner Unit 1 Job Ticket: 59330	DST#:1
	ATTN: Jason Alm		Test Start: 2014.08.07 @ 1	-
GENERAL INFORMATION:				
Formation:MissDeviated:NoWhipstock:Time Tool Opened:23:00:15Time Test Ended:02:16:15	ft (KB)		Test Type: Conventional E Tester: Cody Bloedorr Unit No: 73	Bottom Hole (Initial) 1
Interval:4304.00 ft (KB) To43Total Depth:4312.00 ft (KB) (TVHole Diameter:7.88 inches Hole	(D)		Reference Elevations: KB to GR/CF:	2118.00 ft (KB) 2110.00 ft (CF) 8.00 ft
Serial #:8648InsidePress@RunDepth:29.65 psigStart Date:2014.08.07Start Time:19:50:05	@ 4309.00 ft (KB) End Date: End Time:	2014.08.08 02:16:14	Capacity: Last Calib.: 20 Time On Btm: 2014.08.07 @ Time Off Btm: 2014.08.08 @	
TEST COMMENT: 30 - IF- 1/2" blow 30 - ISI- No return 10 - FF- No blow Pressure vs. Ti	for 10 minutes, Pulled tool	I	PRESSURE SUMMA	RY
200 200 100 100 100 100 100 100		Time (Min.) 0 1 30 61 61 79 80	Pressure (psig) Temp (deg F) Annotation 2126.58 116.20 Initial Hydro-s 20.63 115.46 Open To Flow 29.65 116.37 Shut-In(1) 1138.36 117.57 End Shut-In(1) 37.04 117.01 Open To Flow 34.68 118.37 Shut-In(2) 2167.70 119.04 Final Hydro-s	static v (1) 1) v (2)
Recovery Length (ft) Description	Volume (bbl)		Gas Rates Choke (inches) Pressure	(psig) Gas Rate (Mcf/d)
30.00 SOCM, 5%O, 95%M 5.00 Free Oil, 100%O	0.15 0.07			
Trilobite Testing, Inc	Ref. No: 59330		Printed: 2014.08.08 @	

	DRI	LL STEM TEST RE	EPORT	-		FLUID S	UMMARY
RILOBITE	Americ	an Warrior Inc		29-17s-21v	v Ness KS		
ESTING , INC.		399 n Clty KS, 67846		Fritz-Bren Job Ticket: 5		DST#:1	
	ATTN:	Jason Alm			014.08.07 @ 1		
Mud and Cushion Information							
Mud Type: Gel Chem		Cushion Type:			Oil A PI:		deg API
Mud Weight: 9.00 lb/gal		Cushion Length:		ft	Water Salinity:		ppm
Viscosity: 55.00 sec/qt		Cushion Volume:		bbl			
Water Loss: 7.99 in ³		Gas Cushion Type:		n a la			
Resistivity: ohm.m Salinity: 2900.00 ppm		Gas Cushion Pressure:		psig			
Filter Cake: inches							
Recovery Information							
		Recovery Table			7		
Leng ft	gth	Description		Volume bbl			
	30.00	SOCM, 5%O, 95%M		0.148	-		
	5.00	Free Oil, 100%O		0.070			
Total Length:	35	.00 ft Total Volume:	0.218 bbl				
Num Fluid Sam Laboratory Nar Recovery Com	me:	Num Gas Bombs: Laboratory Location:	0	Serial #:			

Printed: 2014.08.08 @ 04:53:07

Ref. No: 59330





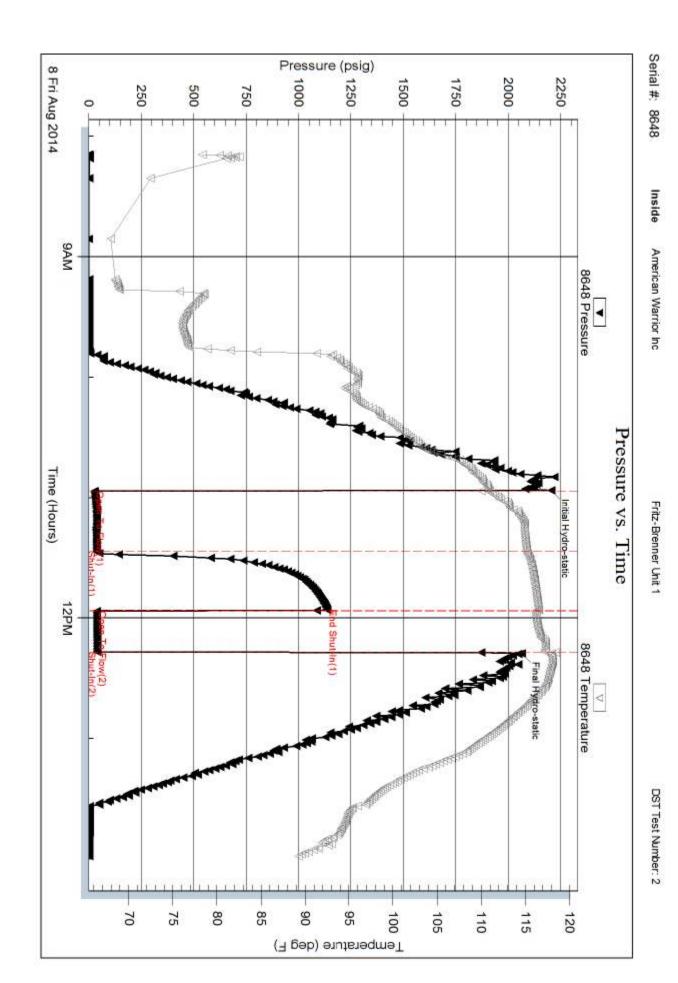
RILOBITE	DRILL STEM TES	T REP	ORT	
	American Warrior Inc		29-17s-2	1w Ness KS
ESTING , IN	Po Box 399 Garden Ctty KS, 67846		Fritz-Bre Job Ticket:	enner Unit 1 59331 DST#: 2
	ATTN: Jason Alm			2014.08.08 @ 08:09:00
GENERAL INFORMATION:				
Formation: Miss Deviated: No Whipstock Time Tool Opened: 10:56:30 Time Test Ended: 13:58:30	ft (KB)		Test Type: Tester: Unit No:	Conventional Bottom Hole (Reset) Cody Bloedorn 73
Total Depth: 4320.00 ft (KB)	4320.00 ft (KB) (TVD) TVD) ble Condition: Fair			Elevations: 2118.00 ft (KB) 2110.00 ft (CF) KB to GR/CF: 8.00 ft
Serial #: 8648 Inside				
Press@RunDepth: 38.92 psig Start Date: 2014.08.03 Start Time: 08:09:03	End Date:	2014.08.08 13:58:29	Capacity: Last Calib.: Time On Btm: Time Off Btm:	8000.00 psig 2014.08.08 2014.08.08 @ 10:56:15 2014.08.08 @ 12:17:45
TEST COMMENT: 30 - IF- 1" blov 30 - ISI- No ref 20 - FF- No blo Pressure v	urn w for 20 minutes, pulled tool	1	DDESS	
Pressure v.	_ ⊽ 3643 Temperalure	Time	PRESS Pressure Tem	URE SUMMARY
229 200 759 400 759 400 759 400 759 400 759 400 759 400 759 400 759 400 759 400 759 400 759 400 759 400 759 400 759 400 759 400 759 400 759 400 759 400 759 759 759 759 759 759 759 759		(Min.) 0 1 31 60	(psig) (deg 2205.26 110. 28.68 110. 38.92 115. 1137.78 116.	 F) 95 Initial Hydro-static 00 Open To Flow (1) 19 Shut-ln(1) 52 End Shut-ln(1) 09 Open To Flow (2) 28 Shut-ln(2)
Recover	/		(Gas Rates
Length (ft) Description 45.00 WM - Oil spots, 20%W	volume (bbl) , 80%M 0.36		Cho	ke (inches) Pressure (psig) Gas Rate (Mcf/d)
* Recovery from multiple tests				
Trilobite Testing, Inc	Ref. No: 59331	•	Print	ed: 2014.08.08 @ 14:26:16

	ITE	DRI	LL STEM TEST I	REPORT	Γ	F	LUID SUMMAR
	ITE ING , INC	America	an Warrior Inc		29-17s-21v	v Ness KS	
I EST	ING , INC.	Po Box Garden	399 Clty KS, 67846		Fritz-Bren Job Ticket: 5	iner Unit 1 59331	DST#:2
457		ATTN:	Jason Alm			2014.08.08 @ 08:	09:00
Mud and Cushion Info	ormation						
Aud Type: Gel Chem Aud Weight: 9.00 lt /iscosity: 55.00 s Vater Loss: 7.98 ir Resistivity: c	sec/qt		Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressur	0.	ft bbl	Oil API: Water Salinity:	deg API 25000 ppm
Salinity: 2900.00 p			Gas Cushion riessu	е.	psig		
Recovery Information	ו						
	Lengt	h	Recovery Table Description		Volume	1	
	ft				bbl		
Tof	Ltal Length:	45.00	WM - Oil spots, 20%W, 80% .00 ft Total Volume:	0.358 bbl	0.358	3]	
	m Fluid Sampl		Num Gas Bombs:	0	Serial #		
	boratory Nam		Laboratory Location				

Printed: 2014.08.08 @ 14:26:16

Ref. No: 59331

Trilobite Testing, Inc



Geological Report

American Warrior, Inc. **Fritz-Brenner Unit #1** 100' FNL & 2175' FWL Sec. 29 T17s R21w Ness County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. Fritz-Brenner Unit #1 100' FNL & 2175' FWL Sec. 29 T17s R21w Ness County, Kansas API # 15-135-25718-0000
Drilling Contractor:	Discovery Drilling Co. Inc. Rig #3
Geologist:	Jason T Alm
Spud Date:	August 2, 2014
Completion Date:	August 10, 2014
Elevation:	2210' Ground Level 2218' Kelly Bushing
Directions:	Bazine KS, from the intersection of Hwy 96 and Austin St. North 6 mi. to 190 Rd. East 1 mi. to EE Rd. North 1 mi. East into location.
Casing:	224' 8 5/8" surface casing 4869' 5 1/2" production casing
Samples:	10' wet and dry, 3900' to RTD
Drilling Time:	3600' to RTD
Electric Logs:	Pioneer Energy Services "Dan Schmidt" CNL/CDL, DIL
Drillstem Tests:	Two, Trilobite Testing, Inc. "Cody Bloedorn"
Problems:	None
Remarks:	Starting loosing fluid in the Arbuckle around 4640'.

	American Warrior, Inc.
	Fritz-Brenner Unit #1
	Sec. 29 T17s R21w
Formation	100' FNL & 2175' FWL
Anhydrite	1510', +708
Base	1548', +670
Heebner	3684', -1465
Lansing	3728', -1510
BKc	4002', -1784
Pawnee	4103', -1885
Fort Scott	4188', -1970
Cherokee	4203', -1985
Mississippian	4286', -2068
Osage	4296', -2078
Gilmore City	4382', -2164
Viola	4462', -2244
Simpson	4611', -2393
Arbuckle	4616', -2398
LTD	4866', -2648
RTD	4870', -2652

Formation Tops

Sample Zone Descriptions

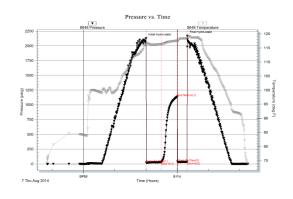
Mississippian Osage (4296', -2078): Covered in DST #1,2

Chert – Dolo – Fine crystalline with poor inter-crystalline and vuggy porosity, heavy slightly triptolic chert, mostly fresh with good vuggy porosity, light to fair spotted oil stain in porosity, slight show of free oil, very light odor.

Drill Stem Tests

Trilobite Testing, Inc. "Cody Bloedorn"

<u>DST #1</u>	Mississippian	<u>Osage</u>
Interval (4304	'-4312') Anch	or Length 8'
IHP – 2127	#	
IFP – 30" -	- Built to ½ in.	20-30 #
ISI – 30" –	– Dead	1138 #
FFP – 10" -	– Dead	37-35 #
FHP - 2168	#	
BHT -119°	F	
Recovery:	5' CO	
	30' SOCM	5% Oil



Pressure vs. Time T 8648 Pressure 1648 T 2250 115 200 110 1750 105 1500 100 (Bisc) 1250 95 90 (deg r 1000 85 750 80 500 75 250 70 8 Fri Aug 2014 Time (Hours)

DST #2 Mississippian Osage

Interv	al (4312' – 4320') Anchor	Length 8'
IHP	- 2205 #	
IFP	– 30" – Built to 1 in.	28-39 #
ISI	– 30" – Dead	1138 #
FFP	– 20" – Dead	39-41 #
FHP	- 2064 #	
BHT	– 117°F	

Recovery: 45' WM w/ oil spots 20% Water

	American Warrior, Inc.	ARES Energy LTD		ARES Energy LTD	
	Fritz-Brenner Unit #1	Brenner #20-12		Brenner #20-10	
	Sec. 29 T17s R21w	Sec. 20 T17s R21w		Sec. 20 T17s R21w	
Formation	100' FNL & 2175' FWL	1555' FSL & 1139' FWL		1892' FSL & 2124' FEL	
Anhydrite	1510', +708	NA	NA	NA	NA
Base	1548', +670	NA	NA	NA	NA
Heebner	3684', -1465	3706', -1466	(+1)	3690', -1481	(+16)
Lansing	3728', -1510	3750', -1510	FL	3738', -1529	(+19)
BKc	4002', -1784	NA	NA	4004', -1795	(+11)
Pawnee	4103', -1885	4123', -1883	(-2)	4112', -1903	(+8)
Fort Scott	4188', -1970	NA	NA	4196', -1987	(+17)
Cherokee	4203', -1985	NA	NA	4208', -1999	(+14)
Mississippian	4286', -2068	4292', -2052	(-16)	4282', -2073	(+5)
Osage	4296', -2078	NA	NA	NA	NA
Gilmore City	4382', -2164	NA	NA	NA	NA
Viola	4462', -2244	4478', -2238	(-6)	4453', -2244	FL
Simpson	4611', -2393	NA	NA	NA	NA
Arbuckle	4616', -2398	4639', -2399	(+1)	4613', -2404	(+6)

Structural Comparison

Summary

The location for the Fritz-Brenner Unit #1 was found via 3-D seismic survey. The new well ran structurally lower than expected via the survey. Two Drill Stem Tests were conducted, both of which were negative. After all gathered data had been examined the decision was made to drill the well into the Arbuckle Formation and convert it into a Salt Water Disposal.

Respectfully Submitted,

Jason T Alm Hard Rock Consulting, Inc.

HARDRO Consulting,				D logic] ag Time and		
Operator Am	erican W	arrior.	Inc.		El KB	evation 2218'
			No.	1	DF	
Lease Fritz-B	srenner	Unit	INO.	1	GL	2210'
API # 15-135	-25718-0	000			Casir Surface	ng Record
	■ T		7			3" @ 224'
Field Schooll	iouse No	rth NW			Production	
Location 100'	FNL &	2175' F	WL			" @ 4869' cal Surveys
Sec. 29	Twp.	17s	Rge.	2 1w		CDL, DIL
County N	less	State	Kan	isas		
Formati	on	Log	Tops	Sampl	e Tops	Struct Comp
Anhydrite		1510	+708	1513'	+705	
Base		1548	+670	1551'	+667	
Heebner		3684'	-1465	3691'	-1473	+16
Lansing			-1510		-1515	+19
BKc		4002'	-1784	4009'	-1791	
Pawnee		4103'	-1885	4110'	-1892	+18
Fort Scott		4288'	-1970	4193'	-1975	+18
Cherokee		4203'	-1985	4210'	-1992	+14
Mississippian			-2068		-2078	+5
Osage			-2078		-2085	
Gilmore City			-2164	-	-2156	
Viola			-2244	_	-2241	FL
Sim pson			-2393		-2395	
Arbuckle Total Depth			-2398 -2648	-	-2403 -2652	+6
Reference Well For 1892' FSL & 2124' FI		Comparisor	ARES E	nergy LTD)-10

Drilling Contractor	Disc	overy Drillin	g Co. Inc.	Rig#3
Commenced 8-2-2014		Comp	8-10-2014	
Samples Saved From		3900'	То	RTD
Drilling Time Kept From		3600'	То	RTD
Samples Examined From		3900'	То	RTD
Geological Supervision Fro	m	3900'	То	RTD

Displacement 3500' Mud Type Chemical

Summary and Recommendations

The location for the Fritz-Brenner Unit #1 was found via 3-D seismic survey. The new well ran structurally lower than expected via the survey. Two Drill Stem Tests were conducted both of which were negative. After all gathered data had been examined the decision was made to drill the well into the Arbuckle Formation and convert it into a Salt Water Disposal.

Respectfully Submitted,

Jason T Alm Hard Rock Consulting, Inc.

REMARKS BEGE ON LOC BEGE ON LOC				DST#1 DST#1 DST#1 DST#1 Mississippian 4304'-4312' 30":30'-4312' 30":30'-10" III DEad FF 2168# FF 37:35# FF 2168#	BHT Recourty: S'CC S'CC S'CC S'CC S'CC BHT TEF BHT 117 "F Recourty: HS 20526" H3254 FF BHT 117 "F Recourty: HS 205400"		Started loxing And 4640.5	BHTrip@4762
SAMPLE DESCRIPTIONS	Ls-Jan, Subula, Ool. DNS Sh-Bin-Gin Sh-Bin-Gin Ls-ala, DNS	15. Ton, Subxln, DNS, Si. Lou. Sh. Drk Gry LS. Ton Gry, Subxln, DNS LS. ala LS. ala LS. ala LS. ala LS. Ton Gra LS. Ton Lt. Gry, Subxln, DNS Sh. Brn - Gra LS. Ton - L.	Sh. Bon-Gen Ss. Tan-Le. Gry, Suboda. DWS Sn. Cary-Gen Ls. Lary, Suboda. DWS Ls. Lary, Suboda. DWS Ls. Cry, Subula. DWS Ls. alg Ls. alg Ls. alg Ls. alg	Str. Bla un.	Open of the Mr. Jan. 20/92 A. F. Wilt - Official Frederic 20/92 A. P Wilt - Official Frederic 2010 - Whit - Ton, U. Shaly Sussessing Milling 2010 - Whit - Ton, U. Shaly Dolo - Whit - Ton, U. Shaly 202 - Whit - Ton, J. Shaly 202 - Jan - Subsch, ONS Lo - Ton - Subsch, ONS Lo - Ton - Subsch, ONS, S. A. Whit Lo - Jan - Subsch, DNS, S. I. A. Whit Lo - Jan - Subsch, DNS, S. I. A. Whit Lo - Jan - Subsch, DNS, S. I. A. Whit Lo - Jan - Subsch, DNS, S. I. A. Whit Lo - Jan - Subsch, DNS, S. I. A. Whit Lo - Jan - Subsch, DNS, S. I. A. Whit Lo - Jan - Subsch, DNS, S. I. A. Whit Lo - Jan - Subsch, DNS, S. I. A. Whit Lo - Jan - Subsch, DNS, S. I. A. Whit Lo - Jan - Subsch, DNS, S. I. A. Whit	Orlen Ben Oder I and Marthy DNS Dolor ala, Marthy DNS Dolor ala Dolor ala	Ole: Tans Es Elicher, Margh Mar Ster, Cur. Bun, Imbodded Wr Sp; Cur. Bun, Imbodded Wr Odor ala, Er interda & Dalor ala, Moch, DNS Dalor ala, Moch, DNS Dolor ala, Moch, DNS Dolor ala, Bour, Elicher Khu Dolor ala, Bour, Elicher Khu Dolor ala Dolor ala Dolor ala Dolor ala Dolor ala Dolor ala Dolor ala Dolor ala Dolor ala Dolor ala	Ook-a/a The Trash Ode - Of Baddy Fint Med Rhowki Ode - ala Ode - ala Ode - ala Dolo - ala Dolo - ala Dolo - ala Dolo - ala Dolo - ala
4 5 10 15 Heebner 37335-1515	and home man - man -	BKc HOO9-1141	HILO-1892	Fort Scor. H193'-1975 10 Cherokee H210'-1992 Mississiphian	4296-2010 GilmoreCity 4374-2156	Viola Hy59'-2241	Victie 131-2305 Victie 1900 Victie 1900	
				WMWMMMM			M M M M M M	
		T	T	T				