

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1053661

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:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	
Phone: ()	
CONTRACTOR: License #	County:
Name:	
Wellsite Geologist:	
Purchaser:	-
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.): If Workover/Re-entry: Old Well Info as follows:	Amount of Surface Pipe Set and Cemented at:
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 SWE	Chloride content: ppm Fluid volume: bbls
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East 🗌 West
ENHR Permit #: GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or 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 III Approved by: Date:

	Side Two	1
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	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 Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional She	eets)	Yes	No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	gical Survey	Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	☐ Yes ☐ Yes ☐ Yes	□ No □ No □ No					
List All E. Logs Run:								
		Report all		RECORD No	ew Used ermediate, product	ion, etc.		
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION Specify Fo		RD - Bridge F Each Interval		e			ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENHF	λ .	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF (GAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTER	RVAL:
Vented Sold		Used on Lease		Open Hole	Perf.	Dually (Submit)		Commingled (Submit ACO-4)		
(If vented, Sub	mit ACC)-18.)		Other (Specify))					

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Coddington 1
Doc ID	1053661

Tops

Name	Тор	Datum
Anhydrite	1476	792
Heebner	3795	-1527
Lansing	3844	-1576
ВКС	4174	-1506
Pawnee	4302	-2034
Ft. Scott	4326	-2058
Cherokee	4341	-2073
Mississippian	4401	-2133
TD	4421	-2153

SEC. TWP. RANGE	CALLED OUT ON L			JOB FINISH
DATE 8-12-10 1 205 21 W		C		900 PM STATE
	Zaude- 7 Son		NESS	4:
OLD OR NEW (Circle one)	1 Douth 1 we	54		
CONTRACTOR Fel-mary Ris 1		crican	in a .	1.04
TYPE OF JOB Sur Face				
HOLE SIZE 12 4 T.D. 222	CEMENT	D 1605	N Clas	
CASING SIZE & DEPTH 2.2.1 FUBING SIZE DEPTH	AMOUNT ORDERE	2986		<u>↓</u>
DRILL PIPE DEPTH				
TOOL DEPTH	<u>an</u> te estado en entre en estado en esta			
PRES. MAX MINIMUM			@	
MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG.	POZMIX GEL		@ @	
PERFS.	CHLORIDE		@	
DISPLACEMENT 13.25 BBLS	ASC		@	
EQUIPMENT			@	······
			@` @	· · ·
PUMPTRUCK CEMENTER			@	
# 181 HELPER Wayne-D BULKTRUCK			@	
# 344 DRIVER BOD - R		`	@	
BULK TRUCK		· · · · · · · · · · · · · · · ·	@ @	·
# DRIVER	HANDLING		@ @	·
REMARKS: Pipe on Bottom Break Circulation with Rigmud Mix 1605x Classa 390 7 29	66e1	SERVICI	TOTAL E	
Pipe on Bottom Break Circulation with Rigund Mix 1605x Classa 390 - 29 Displace 13.25 freshwat	دے۔ DEPTH OF JOB	221	3 3 3	
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P. Pe on Bottom Break Circulation with Right Mix 160 SX Class A 396 " 29 Displace 13.25 treshwat Shatim washap Right Down CHARGE TO: American washap Street CITYSTATEZIP To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or	E Ge J DEPTH OF JOB PUMP TRUCK CHA EXTRA FOOTAGE MILEAGE MANIFOLD PLUG	2 2 \ RGE	E @ @ @ @ TOTAL EQUIPMEN' @ @ @ @ @ @ @ @ @ @ @ @ @	r
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SWIFT OPERATOR		DATE SIGNED	START OF WORK OK DELI	MUST BE SIGNED BY CUSTOMER OR CUSTOM	but are not limited t	the terms and condit	LEGAL TERMS: C		- HOT	419	221	281	240	406	404	403	402	578	575	PRICE	REFERRAL LOCATION	4.		, <u>1</u>	SERVICE LOCATIONS	Services,	SWI
		TIME SIGNED	START OF WORK OF GELIVERY OF SCORES	TOMER OR CUSTOMER'S AGENT PRI	but are not limited to, PAYMENT, RELEASE, INDEMNITY, and	the terms and conditions on the reverse side hereof which include,	LEGAL TERMS: Customer hereby acknowledges and agrees to													SECONDARY REFERENCE/ PART NUMBER	INVOICE INSTRUCTIONS			TICKET TYPE	L FC WELL/PROJECT NO.	ices, Inc.	
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And has been added at		ARE YOU SATISFI	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORIL Y7	OUR SERVICE WAS PERFORMED WITHO	WE UNDERSTOOD / MET YOUR NEEDS?	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	SURVEY		St	St-				5-4										SHIPPED			
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OB LO	ican Ubri	`nQ	WELL NO.	+1	LEASE Codding ton	
CHART	TIME	RATE	VOLUME	PUMPS	PRESSURE (PSI)	DESCRIPTION OF OPERATION AND MATERIALS
NO.		(BPM)	(BBL) (GAL)	T C	TUBING CASING	
	· · · · · · · · · · · · · · · · · · ·	·····				175 5K5 EA-2 antrolizers #1, 23,4,69
					•	Biskats 5,70 Port Collar 70
					· · · · · · · · · · · · · · · · · · ·	jpiats out 81, b2 TD = 4421 15.5# 5=
			···· -			
						TOTAL PAR 4424 She joint 43.75
·	1711-					
	1745					start pipe
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	1940				· · · · · · · · · · · · · · · · · · ·	Such and pine -Darch-II
<u>.</u>	1940					finish running pipe - Dropball
	KUL-	<u></u>			· · · ·	Hasking de prop
· · · · · · · · · · · · · · · · · · ·	1445					Hook up to pipe
						CIRCULATE W/ Mul PUMP ROTATINE PIPE
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Thank You!			e na de nada da de secondo	and the second second second	AND SERVICES	APPROVAL		Art All	SWIFT OPERATOR
		o respond						21070MPD	
	TOTAL		ARE YOU SATISFIED WITH OUR SERVICE?	ARE YOU SATISFI	785-798-2300		₽₽	TIME SIGNED	DAXE SIGNED
	TAX		TOB JOB	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORIL Y?	P.O. BOX 466	Z	5	VER OF SOODS	START OF WORNOR DELIVERY
			S S OUT DELAY?	MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY?	SWIFT SERVICES, INC.	1.	Emili 1, a li	LIMITED WARRANTY provisions	LIMITED WARRANTY provisions
4059 75	PAGE TOTAL	EE DECIDED AGREE	VEY AGREE	SURVEY OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	REMIT PAYMENT TO:		and agrees to which include	LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to BAYNENT BELEASE INCLUSION	LEGAL TERMS: C the terms and condit but are not limited t
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AMOUNT	PRICE	QTY. UM	QTY. UM		DESCRIPTION	6 PF	ACCOUNTING	SECONDARY REFERENCE/ PART NUMBER	FERENCE
							11 ⁻		REFERRAL LOCATION
St M	1 20 S 21 W	WE	Well Permit NO.		- Plug to ASAA box	Ded to M. +		o'l	
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Q	PAGE					ZIP CODE	CITY, STATE, ZIP CODE		Services,
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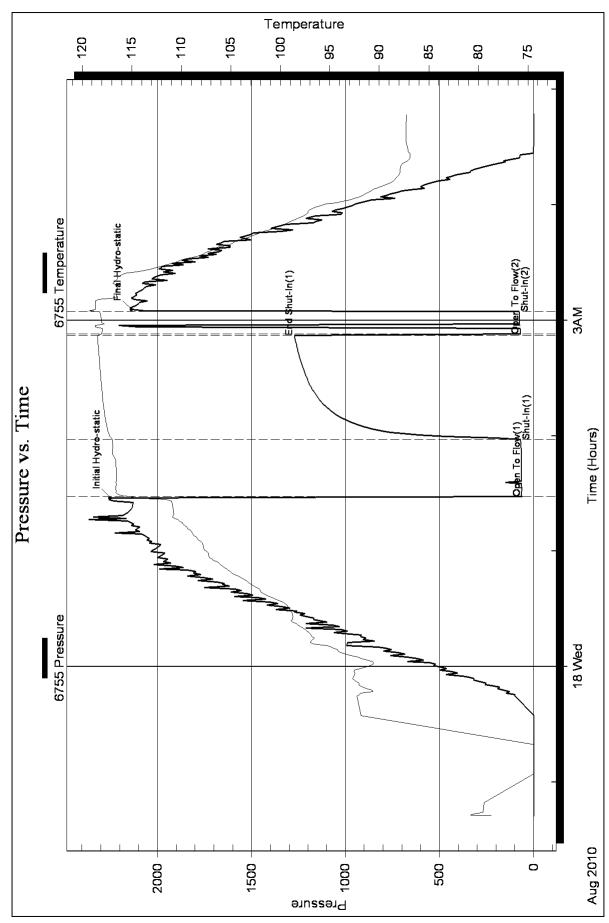
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Ziu	orican We	rrisr	1-4			Cood	, .	JOB TYPE Dig to APArton TICKET NO. 18999
HART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	<u> </u>	PRESSURE (TUBING	PSI) Casing	DESCRIPTION OF OPERATION AND MATERIALS
								Concert 60/90 poz 4%/2001 pulling cauge 52 15.5# Shal - 6 2600
								pulling cause 5'2 15.5#
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		31	21				200	mix 80525 at 12121
		33	6				200	punp 6 bbl H,0
	1520	34	2				200	pun 2 bbl HoD Cipculate
	t jatus	33	13				200	mix 50 stebs at 736
		32	1		_		200	pup 1 bbl HzD
N.	1600	2	4				310	pap 4661 Hop Circulate
			13				200	mix 50 sts at 260'
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	DRILL STEM TES		ORT			
RILOBITE	American Warrior, Inc.		Coddi	ington 31	I	
ESTING , IN	PO Box 399 Garden City, KS. 67846			• 21w-Nes ket: 39035		#• 1
	ATTN: Jason Alm)8.17 @ 22:42:1	
GENERAL INFORMATION: Formation: Mississippi	(L) ((ZD)		T (T-	0	in a Datta	
Deviated: No Whipstock Time Tool Opened: 01:28:00 Time Test Ended: 04:47:15	ft (KB)		Test Ty Tester: Unit No	Jaso	rentional Bottom n McLemore	HOIE
Interval:4402.00 ft (KB) ToTotal Depth:4411.00 ft (KB)Hole Diameter:7.80 inches H			Referer	nce Elevatio KB to GF	2262.	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 6755 Inside Press@RunDepth: 68.94 psig Start Date: 2010.08.11 Start Time: 22:42:11	End Date:	2010.08.18 04:47:15	Capacity: Last Calib.: Time On Btm Time Off Btn		8000. 2010.08. 0.08.18 @ 01:27: 0.08.18 @ 03:05:	30
TEST COMMENT: IFP-Weak Inter ISI-Dead FFP-Dead,Flus	nittant Blow n Tool, Still Dead,Pull Tool					
Pressure v	Time		PRE	SSURE S	SUMMARY	
Aug 2010	, , ,= 3AM	Time (Min.) 0 1 31 85 86 97 98	(psig) (d 2249.12 1 62.35 1 68.94 1 1272.22 1 70.85 1 76.06 1	deg F) Initi 15.30 Initi 14.81 Op 16.96 Shu 18.46 Enco 18.01 Op 18.27 Shu	nnotation al Hydro-static en To Flow (1) ut-In(1) d Shut-In(1) en To Flow (2) ut-In(2) al Hydro-static	
Recovery				Gas Ra	-	
Length (ft) Description 90.00 VSOCM 2%0 98%M	Volume (bbl) 0.44			Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
·	Ref No: 39035				n n8 19 @ 12·47	

(Tr)-		DRI	ILL STEM TEST F	REPORT	_		FLUID S	UMMARY
	RILOBITE	Americ	can Warrior,Inc.		Coddingto	on 31		
	ESTING , INC	PO Box	x 399		1-20s-21w	-Ness		
	-		n City, KS. 67846		Job Ticket: 3		DST#:1	
		ATTN:	Jason Alm		Test Start: 2	010.08.17 @ 2	2:42:15	
Mud and C	ushion Information							
Mud Type: G	Gel Chem		Cushion Type:			Oil A PI:		deg API
Mud Weight:	9.00 lb/gal		Cushion Length:			Water Salinity:	:	ppm
Viscosity: Water Loss:	51.00 sec/qt 10.38 in³		Cushion Volume: Gas Cushion Type:		bbl			
Resistivity:	ohm.m		Gas Cushion Pressure	:	psig			
Salinity:	3900.00 ppm							
Filter Cake:	inches							
Recovery Ir	ntormation		Recovery Table					
	Leng ft	th	Description		Volume bbl			
		90.00	VSOCM 2%0 98%M		0.443	3		
	Total Length:	90	0.00 ft Total Volume:	0.443 bbl				
	Num Fluid Samp	oles: 0	Num Gas Bombs:	0	Serial #	:		
	Laboratory Nan		Laboratory Locatio	n:				
	Recovery Com							



1-20s-21w -Ness



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Ref. No: 39035

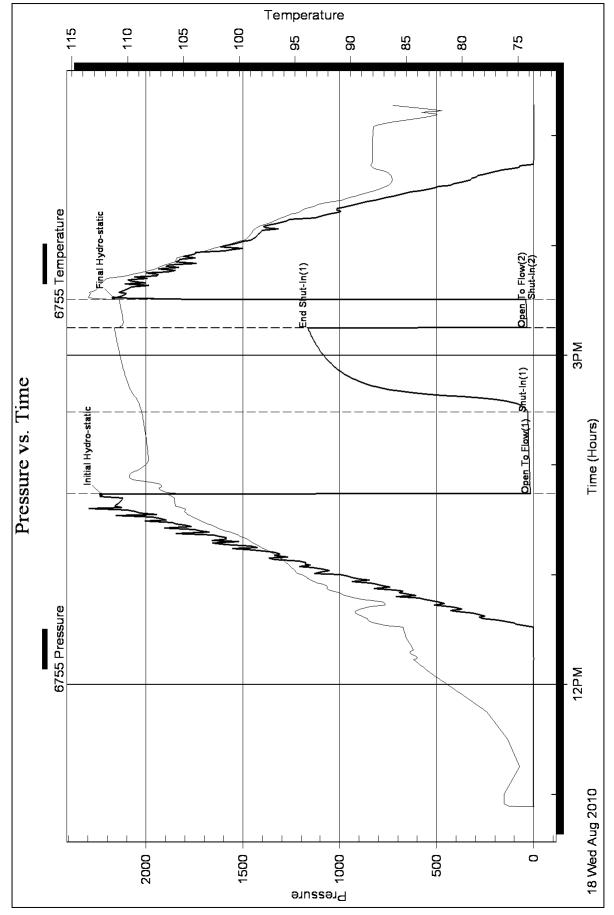
Trilobite Testing, Inc

	DRILL STEM TES	TREP	ORT			
RILOBITE	American Warrior, Inc.		Coddi	ngton 31		
ESTING , INC.	PO Box 399 Garden City, KS. 67846			21w-Ness ket: 39036	DST	#: 2
	ATTN: Jason Alm				.18 @ 10:53:04	
GENERAL INFORMATION: Formation: Mississippi						
Deviated: No Whipstock: Time Tool Opened: 13:44:04 Time Test Ended: 17:16:19	ft (KB)		Test Typ Tester: Unit No:	Jason	ntional Bottom I McLemore	Hole
Interval:4403.00 ft (KB) To44Total Depth:4416.00 ft (KB) (The second secon			Referen	nce Elevation KB to GR/0	2262.0	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 6755 Inside Press@RunDepth: 29.60 psig Start Date: 2010.08.18 Start Time: 10:53:06		2010.08.18 17:16:19	Capacity: Last Calib.: Time On Btm: Time Off Btm		8000.(2010.08.)8.18 @ 13:43:4)8.18 @ 15:31:	49
TEST COMMENT: IFP-Weak Blow, I ISI-Dead FFP-Weak Surfa	Built to 1-3/4" ice Blow Starting After 10 Min.,Pull	Tool				
Pressure vs. 1	Time		PRES	SURE SU	JMMARY	
000 Pressure 2000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 100	Protection of the second secon	Time (Min.) 0 1 46 91 92 107 108	(psig) (de 2230.49 10 16.60 10 29.60 10 1163.21 11 33.98 11 38.01 11	eg F) 06.39 Initial 05.46 Oper 08.73 Shut 11.19 End 3 10.54 Oper 10.76 Shut	Shut-In(1) n To Flow (2)	
Recovery				Gas Rat	es	
Length (ft) Description 20.00 clean Oil 20.00 OCM-10%O-90%M	Volume (bbl) 0.10 0.10			Choke (inches)	Pressure (psig)	Gas Rate (Mct/d)

	OBITE STING , INC	DRI	LL STEM TEST	REPORT			FLUID S	UMMAR
		Americ	an Warrior,Inc.		Coddingto	on 31		
	STING , INC		k 399 n City, KS. 67846		1-20s-21w Job Ticket: 3		DST#:2	
		ATTN:	Jason Alm			010.08.18 @ 10		
lud and Cushion I	Information	Į						
/iscosity: 59. Vater Loss: 10.3 Resistivity:	00 lb/gal 00 sec/qt 39 in ³ ohm.m 00 ppm inches		Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Press			Oil API: Water Salinity:		deg API ppm
Recovery Informat	ion		5 .					
	Leng		Recovery Table Description		Volume bbl]		
		20.00	clean Oil OCM-10%O-90%M		0.098	1		
	Total Length:		.00 ft Total Volume:	0.196 bbl	0.090	1		
	Num Fluid Sam Laboratory Na	me:	Num Gas Bomb Laboratory Loc		Serial #:			
		me:			Serial #:			
	Laboratory Na	me:			Serial #:			
	Laboratory Na	me:			Serial #:			
	Laboratory Na	me:			Serial #:			
	Laboratory Na	me:			Serial #:			
	Laboratory Na	me:			Serial #:			



1-20s-21w - Ness



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Ref. No: 39036

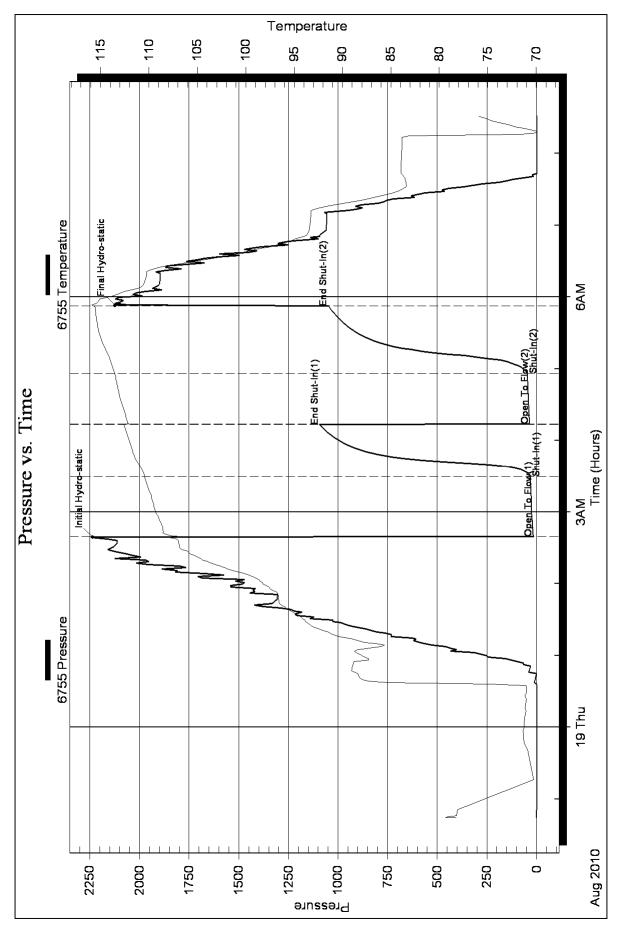
Trilobite Testing, Inc

an-		DRILL STEM TES	ST R	ΞP	ORT				
	RILOBITE	American Warrior, Inc.			Co	ddingto	n 31		
	ESTING , INC	PO Box 399 Garden City, KS. 67846				0s-21w-l			
		·				Ticket: 39		DST	
		ATTN: Jason Alm			les	t Start: 20	10.08.	18 @ 22:43:53	}
GENERAL I	NFORMATION:								
Formation: Deviated: Time Tool Open Time Test Ende		ft (KB)			Tes	ter:		ntional Bottom I VicLemore	Hole
Interval: Total Depth: Hole Diameter:	4404.00 ft (KB) To 4 4 4421.00 ft (KB) (Th 7.80 inchesHole				Ref	erence Ele KB t	evation: o GR/C	2262.0	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 67 Press@RunDep Start Date: Start Time: TEST COMM		End Date: End Time: Built to 1-3/4"	2010.0 08:3		Capacity Last Cali Time On Time Off	b.: Btm: 2		8000.(2010.08. 8.19 @ 02:38: 8.19 @ 05:52:8	36
	FSI-Dead	-							
F	Erressure	11me 8755 Temperature	Tin	ne	PI Pressure	Temp		IMMARY otation	
2250	M	Final Hydra-slatz - 115	(Mir	n.) 0	(psig) 2235.07	(deg F) 108.00	Initial	Hydro-static	
1750				1	16.26	106.65		To Flow (1)	
-				51	31.47	110.43			
1500	N ^M			95	1091.30			Shut-In(1)	
21290			emperature	95 138	35.07 45.71	112.07 113.50		To Flow (2)	
760			ature	194 195	1047.19 2122.84	115.57 115.87	End S	Bhut-In(2) Hydro-static	
250	Thu 34M	70 Pering Antrage 1 70 GAM							
	Recovery						s Rate		
Length (ft)	Description	Volume (bbl)				Choke (i		Pressure (psig)	Gas Rate (Mcf/d)
45.00	OCM 20%O 90%M	0.22							
30.00	Clean Oil	0.15							
Trilobite Tes		Ref. No: 39037						08.19 @ 12:46	

	DR	ILL STEM TEST REPOR	F	FLUID SUMMARY					
RILOBITE	Amer	ican Warrior,Inc.	Coddingto	n 31					
ESTING	а, INC _{РОВ}	ox 399	1-20s-21w-	Ness					
	Gard	en City, KS. 67846	Job Ticket: 3	9037	DST#:3				
	ATTN	l: Jason Alm	Test Start: 20	010.08.18 @ 22:	43:53				
Mud and Cushion Inform	ation								
Mud Type: Gel Chem		Cushion Type:		Oil API:	deg API				
Mud Weight: 9.00 lb/ga Viscosity: 59.00 sec/o		Cushion Length: Cushion Volume:	ft bbl	Water Salinity:	ppm				
Water Loss: 10.39 in ³	1'	Gas Cushion Type:	551						
Resistivity: ohm.	m	Gas Cushion Pressure:	psig						
Salinity: 6800.00 ppm Filter Cake: inche	26								
Recovery Information									
		Recovery Table		_					
	Length ft	Description	Volume bbl						
	45.00	OCM 20%O 90%M	0.221						
	30.00	Clean Oil	0.148						
Total Lo	ength: 7	5.00 ft Total Volume: 0.369 bbl	l						
	tory Name: ery Comments:	Laboratory Location:							
Trilobite Testing, Inc		Ref. No: 39037	Printed	2010.08.19 @ 1	12:46:52 Page 2				

Serial #: 6755 Inside American Warrior,Inc.

1-20s-21w -Ness



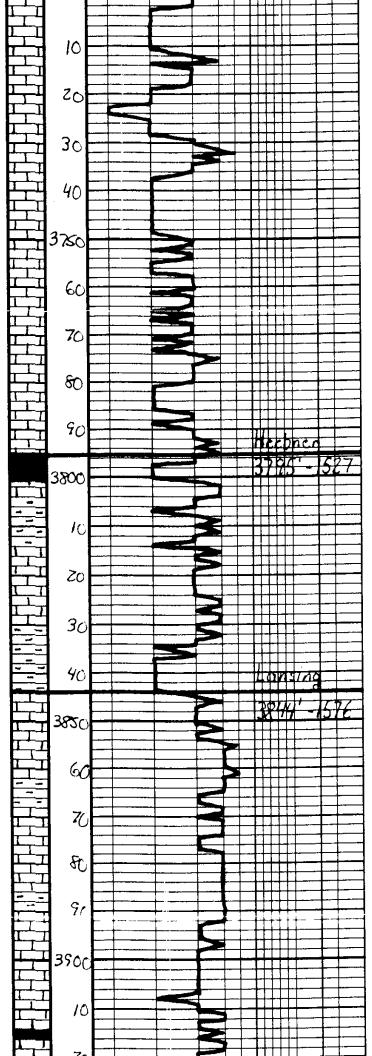
Printed: 2010.08.19 @ 12:46:53 Page 3

Ref. No: 39037

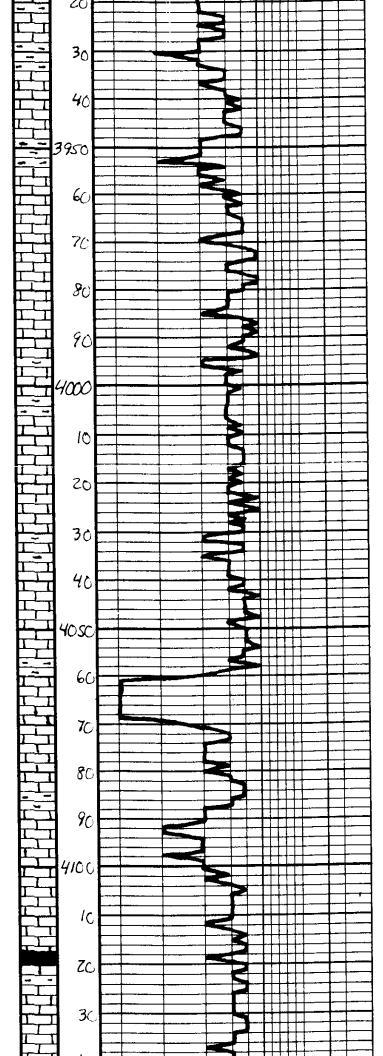
Trilobite Testing, Inc

REFERENCE WELL FOR STRUCTURAL COMPARISON Halluburthin Company Neumay coll.	ArconKee Mississingien Total Depth 4401-2133 +11 4401-2153	1202-2084 1202-2084 1202-2084	1476 + 792 + 3 1510 + 758 + 1 1205	WATION TOP LOG DATUM TOP	SAMPLES EXAMINED FROM <u>3200</u> TO <u>KLP</u> GEOLOGICAL SUPERVISION FROM <u>3200</u> TO <u>KTP</u> HUD UP <u>3500</u> TYPE MUD <u>Chemical</u> ELECTRICAL SURVEYS	1921 LOG TO ALANCE SAVED FROM 32200 TO 100 -	Ror Atropperk Drilling. 11c Ris #1	COUNTY Ness STATE Kansas CASING RECORD	TWP. 20	LOCATION 1390' FNL 2 1980' FFL GL 2262'	LEASE <u>Coolding two</u> Well NO. <u>1</u> KB_ZZGS'	OPERATOR American Warrian Inc. ELEVATION	GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG	APT # 15-135-24978-0000	Hays, KS 67601	Jason Alm Petroleum Geologist	Hard Rock Consulting, Inc.
								FORMATION SITERIAL DESIG									TABE DIAL
								NOR JUNIOR OF SHOW									

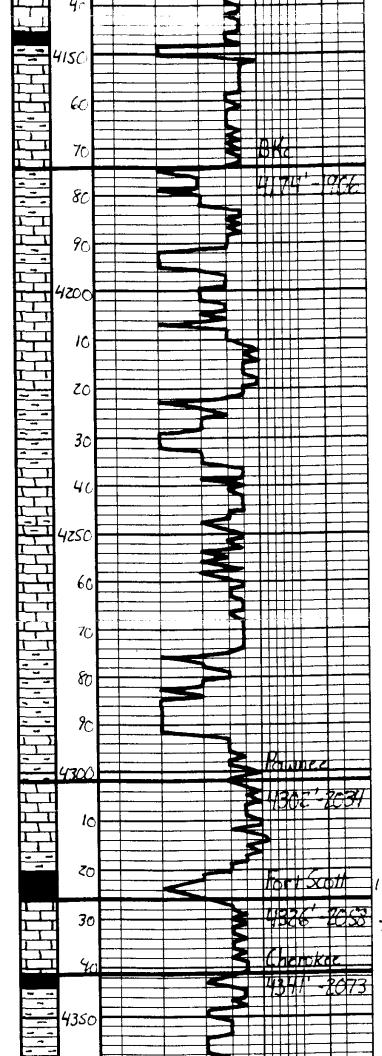
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			the Cal	* F & b																	IFP/Tume	
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			a Croch		location f											_					FFP/Time	drill stem
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7514	8-18-2010	lly S.bnittech	Attac ell cleision mes 5 to fuelles	il con s tests in	ington #1 lives																RECOVERY	
ſ								LE	EGE	INI	D											
LOG 7702												H						77,7				
			Anhydrite	Salt	Sanda	stone	Sh	ale	Carb	sh	Limestone	Ool	.Lime	• C	hert	ں 	olorr	nite				
	ПТНОГОСҮ	DEPTH	.5 1	DRILLI Logariti 2 3		ical e)		15 20	30		SAMPLE	DES	SCRIF	10179	IS				REM	ARK	S	



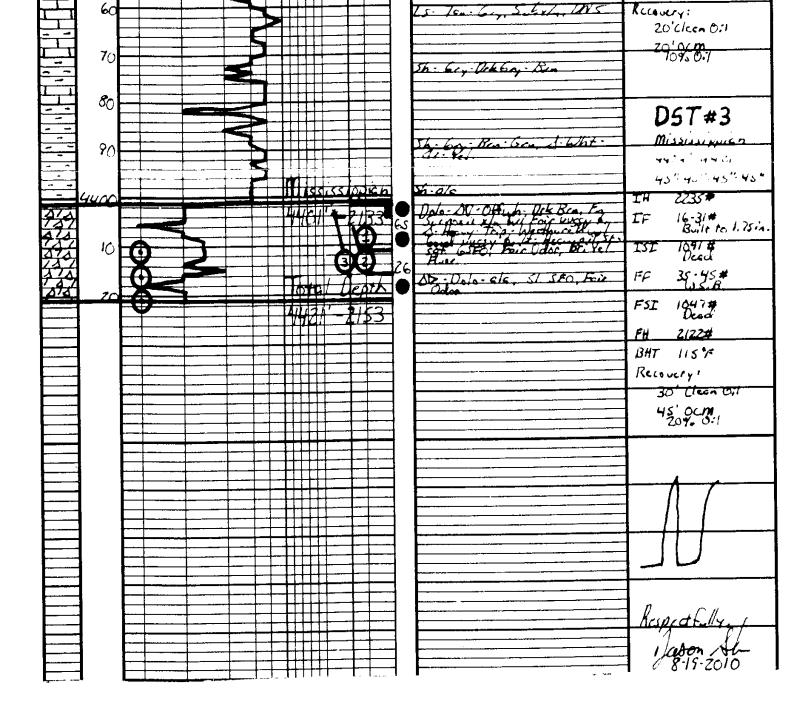
6000 locatio 5:00 p.m. 8.16-2010 Fossel, chelky, Barrier Ls · 9/9 LS. Ton- low - Mattled, Fa 15.010 Sh Blk Carb Ficile SA . Gry. Bro. proposition tech to stand Π Sh. Gry. Bear ben 5. To it form to strang Fostil and will part som 4, Barren Shi Gry Bla LSS Tea- Lt. 614, Far Subxlas Sh. Gr. Bcn Escul on w/ puge com & 5.00 Sh. Dek by Blk



LS. Tom-It Gry, Substa, DNS Sh- Gay Bra LS. To Gry Subarta, SI Fossil ool, DNS Shi bey tro LS- Officia- Lt. Gry, Subala, LS-Gla, SI. Forgilael. Los: pippint vom Ø. Berten Sh. Dik Gry Sh. Gry. Bra LS: Ion. ht. Gry. Fr. Juhain 15.0/9 Sh-Gry-Bra. Le - Offich - 17 Sey, Subela. 15- Ctf. h. 14 6. Faxla. Fossil call w Could com \$, LS- alg w/ pear somp. Sh. Gry. Bra LS-TOM- Story Frida St. Fridd Of Hill Day Door S For Inter to B. Back 15-Tourly Gay, Suberia, Days Sh - Blk. Lech SI Forget and but applied to Dura for Barray Marty



سيدانك الكب Sh. Bik, Carb. LS-Ton- 60, Subyla, Drys s. cla Sh. Gry-Blo-Gra LS - Ten- Gay, Subxla, DNS Sh. Gry. Bra. Gen - Offich- Ton. Fr. S. bala. Fossil unt. al propulations: Tac. p. Barran Ls. ale, DAS Sh - Dok Gry Shi-long-Bla-600 S. Te- 14 Gry Fr - S. hela D5T#1 S. La. It Gry, Subx/a, DNS Missiccippian 440z'·4411' 30 45" 10" 5 - 610 2245# IΗ 62-69# W.S.B. IF Sh- Gey- Drk 6 mg 1272# Dead TST FF 79.76# Sh. Goy- Ben: Gan, "Sallay" 2136# FH 118°F BHT Sh - loo - Rea Kecovery: 20'50CM Lo her Supera ANS DST#2 Mississippicn 4403-4416 11 Sh - Blk, Led 45" 45" 15" 2230# 7 LS- Ten-Lt. Gry. S. balm, UNS. IH 16-30# Built to 1. Kin. IF Dead II Sh. Deklen. Blk 34-38# Dead تتآتما Sh- lacy Bon - ben Grany" FH 2166# 13°F BHT



Geological Report

American Warrior, Inc. **Coddington #1** 1390' FNL & 1980' FEL Sec. 1 T20s R21w Ness County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. Coddington #1 1390' FNL & 1980' FEL Sec. 1 T20s R21w Ness County, Kansas API # 15-135-24978-0000
Drilling Contractor:	Petromark Drilling, LLC Rig #1
Geologist:	Jason Alm
Spud Date:	August 12, 2010
Completion Date:	August 19, 2010
Elevation:	2262' Ground Level 2268' Kelly Bushing
Directions:	Bazine KS, East on Hwy 96 to HH road, south on HH road to 70 road. east on 70 road 2 mi. south on county line 1 mi, west and south into location.
Casing:	221' 8 5/8" surface casing 4420' 5 1/2" production casing
Samples:	10' wet and dry, 3700' to RTD
Drilling Time:	3700' to RTD
Electric Logs:	None
Drillstem Tests:	Three, Trilobite Testing, Inc. "Jason McLemore"
Problems:	None
Remarks:	DST #1,2 were pulled early due to poor blows.

	American Warrior, Inc.
	Coddington #1
	Sec. 1 T20s R21w
Formation	1390' FNL & 1980' FEL
Anhydrite	1476', +792
Base	1510', +758
Heebner	3795', -1527
Lansing	3844', -1576
BKc	4174', -1906
Pawnee	4302', -2034
Fort Scott	4326', -2058
Cherokee	4341', -2073
Mississippian	4401', -2133
RTD	4421', -2153

Formation Tops

Sample Zone Descriptions

Mississippian Osage (4401', -2133): Covered in DST #1,2,3

Dolo – Δ – Fine sucrosic crystalline with fair vuggy porosity, heavy chert, triptolic,weathered with good vuggy porosity, light to heavy oil stain and saturation, good show of free oil, fair odor, bright yellow cut fluorescents. 26-65 units hotwire.

Drill Stem Tests

Trilobite Testing, Inc. "Jason McLemore"

DST #1	ISI – 45" – Dead 127	69 # 72 # 76 #
	Recovery: 20' SOCM	
DST #2	ISI – 45" – Dead 116	30 # 53 # 38 #
DST #3	ISI -45" - Dead 109 FFP -45" - W.S.B. 35-	31 # 91 # 45 # 47 #

	American Warrior, Inc. Coddington #1	Halliburton Company Neumeyer #1		American Energies Co. Coddington #1	
Formation	Sec. 1 T20s R21w 1390' FNL & 1980' FEL	Sec. 1 T20s R21w C SW NE		Sec. 1 T20s R21w C NW NE	
Anhydrite	1390 FRE & 1980 FEE 1476', +792	1474', +789	(+3)	1484', +776	(+16)
Base	1510', +758	NA	(+3) NA	NA	(+10) NA
Heebner	3795', -1527	3789', -1526	(-1)	3796', -1536	(+9)
Lansing	3844', -1576	3840', -1577	(+1)	3846', -1586	(+10)
BKc	4174', -1906	NA	NA	4184', -1924	(+18)
Pawnee	4302', -2034	NA	NA	NA	NA
Fort Scott	4326', -2058	4330', -2067	(+9)	4340', -2080	(+22)
Cherokee	4341', -2073	4344', -2081	(+8)	4353', -2093	(+20)
Mississippian	4401', -2133	4407', -2144	(+11)	4445', -2185	(+52)

Structural Comparison

Summary

The location for the Coddington #1 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Three drill stem tests were conducted all of which recovered small amounts of oil from the Mississippian Osage Formation. After all gathered data had been thoroughly examined the decision was made to run 5 $\frac{1}{2}$ in. production casing to further evaluate the Coddington #1 well.

Recommended Perforations

Mississippian Osage: (4401' – 4421') DST #1,2,3

Respectfully Submitted,

Jason Alm Hard Rock Consulting, Inc.