

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1093540

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

	_	-	_	_		
WELL HISTORY -	D	ESCRIPTIO	Ν	OF WELL	&	LEASE

OPERATOR: License #		API No. 15	
Name:		Spot Description:	
Address 1:			R East West
Address 2:		Feet from North	/ South Line of Section
City: State: Zi	p:+	Feet from C East	/ West Line of Section
Contact Person:		Footages Calculated from Nearest Outside Se	ction Corner:
Phone: ()			·
CONTRACTOR: License #		County:	
Name:		Lease Name:	
Wellsite Geologist:		Field Name:	
Purchaser:		Producing Formation:	
Designate Type of Completion:		Elevation: Ground: Kelly Bu	
New Well Re-Entry	Workover	Total Depth: Plug Back Total Depth	C
Oil WSW SWD Gas D&A ENHR OG GSW CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	SIOW SIGW	Amount of Surface Pipe Set and Cemented at: Multiple Stage Cementing Collar Used?	Yes 🗌 No Feet om:
If Workover/Re-entry: Old Well Info as follows:			
Operator: Well Name: Original Comp. Date: Original To	otal Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: ppm Fluid v	volume: bbls
Deepening Re-perf. Conv. to	OENHR CONV. to SWD	Dewatering method used:	
Plug Back: Plu	g Back Total Depth	Location of fluid disposal if hauled offsite:	
Commingled Permit #:		Operator Name:	
		Lease Name: Licens	se #:
SWD Permit #:		Quarter Sec Twp S. F	
GSW Permit #:		County: Permit #:	
Spud Date or Date Reached TD Recompletion Date	Completion Date or 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	
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 Shi	eets)	Yes	No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	,	Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	Yes Yes Yes Yes] No] No] No					
List All E. Logs Run:								
			CASING R			on etc		
Purpose of String	Size Hole Drilled	Size Casin Set (In O.D	g	onductor, surface, inte 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 For		RD - Bridge P Each Interval I		e			ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	:e:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed P	Producti	on, SWD or ENHF	₹.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF G	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit A	Comp. AC <i>O-5)</i>	Commingled (Submit ACO-4)		
(If vented, Subr	nit ACO	-18.)		Other (Specify)						

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Moore 6-1
Doc ID	1093540

Tops

Name	Тор	Datum
Anhydrite	1397	740
Heebner	3608	-1471
Lansing	3654	-1517
Base Kansas City	3980	-1843
Pawnee	4064	-1927
Ft. Scott	4144	-2007
Cherokee	4168	-2029
MIssissippian	4246	-2109
TD	4252	-2115

Thank You!						APPROVAL	AR.K.	SWIFT OPERATOR
		RESPOND	WISH TO R		PIALS AND SERVICES TO CONTROL MODAL TO A			
<u> </u>	TOTAL	R	RVICE		2		TIME SIGNED 900	DATE SIGNED APR 12
	TAX			AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	P.O. BOX 466			
				SERVICE WAS	INC.		MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO	MUST BE SIGNED BY CUSTOMER OR CUSTOW
				UNDERSTOOD AND YOUR NEEDS?			but are not limited to, PAYMENT, RELEASE, INDEMNITY, and	I MITEN WARDA
11469 41	PAGE TOTAL	DECIDED		OUT BREAKDOWN?	REMIT PAYMENT TO:	of which include,	the terms and conditions on the reverse side hereof which include,	the terms and conc
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AMOUNT	PRICE	QTY. UM	Ň	QTY.	DESCRIPTION	LOC ACCT DF	SECONDARY REFERENCE/ PART NUMBER	PRICE
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NER	APRIA OWNER	λ <u>ζ</u> .	N M		-		WELL/PROJEC	INEISTON KS
 Ģ	PAGE 1					CITY, STATE, ZIP CODE	Services, Inc.	Sert
	TICKET				MERICAN WARRIDR	ADDRESS	WIFT	

JOB LO							ces, Inc. 🛡	DATE APR 12 PAGEN
USTOMER	ALIVICAN	RIDR	WELL NO.		LEASE MOO	RE 6	-1 JOB TYPE SURFACE.	TICKET NO. 22/36
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T C	PRESSUR TUBING	E (PSI) CASING	DESCRIPTION OF OPERATI	······································
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05/23/2012 14:46 Swift Servi	ices ((FAX)785 798 2384 P.001/003
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05/23/2012 14:47 Swift Services

(FAX)785 798 2384

P.002/003

05/23/2012 14:48 Swift Services

(FAX)785 798 2384

P.003/003

OB LO		· · · · · · · · · · · · · · · · · · ·	T	· · · ·			oew	ices, Inc.
STOMER Aya	orian l	Userior	WELL NO. 6	-1	. :	LEASE	DRE	Cement long string TICKET NO. 22046
CHART NO.	ŢIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUN T.	IPS C	PRESSUR TUBING	e (PSI) Casing	DESCRIPTION OF OPERATION AND MATERIALS
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SWIFT OPERATOR WAYE WITSON	DATE SIGNAL IN IN- IZ		are	LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include,		582	- 58)	290	412	330		rrs.	575	PRICE SECO	REFERRAL LOCATION	4	3	SERVICE LOCATIONS	Services,	
	TIME SIGNED	GNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO ORK OR DELIVERY OF GOODS	MENT, RELEASE, INDE	r hereby acknowledges a the reverse side hereof w			-							SECONDARY REFERENCE/ PART NUMBER LOC	INVOICE INSTRUCTIONS	OF	SERVICE SALES			L'A
CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES						 ME	Sca	1-AD2	Fio			1 Pun	Mile/	ACCOUNTING X ACCT DF		DEVELOPMENT	َيْ ٣	LEASE	CITY, STATE, ZIP CODE	CHARGE TO: AMEDIZAJ
LS AND SERVICES	785-798-2300	P.O. BOX 466	SWIFT SERVICES INC	REMIT PAYMENT TO:		Menonum Deamis	SERVERE CLARKE CEMENT	102	FLOGIE	SWERT MURIZ - DESERN STANNAR		PUMP CLADGE	MILEAGE # 114	DESCRIPTION		Mar Braney Have Science		Moore COUNTYPARISH		WARDER TAX
	ARE YOU SATISFIED WITH OUR SERVICE?	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS	SURVEY AGREE UN- OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?		 2385 118 123.85	125 242	1194	<u> Ľ</u>	125 256			20 m	QTY. UM QTY.		K	VA LOCATON			
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CHART NO,	TIME	RATE (BPM)	(BBL) (BAL)	PUN T	APS C	PRESSU TUBING	RE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
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Hard Rock Consulting, I	nc.	ENE	069701	80	SEE	1082	TYPE	DEPEN OUT	FEET	HOUSE	-				DRILL
Jason Alm Petroleum Geologist P.O. Box 1260 Hays, KS 67601 APT # 15	-135-2535/-0000										No.	intervel	drP/Time	ISP/Tima	899/
GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LI	OG														
OPERATOR American Warrior, Inc. LEASE Moore Well NO. 6-1 FIELD De Wald North LOCATION 1625' FNL \$ 1545' FWL SEC. 1 TWP. 195 RGE 2250	ELEVATION KB_2/37' DF GL_2/31' Measurements Are All From Kelly Bushing														
COUNTY Ness STATE Kansas CONTRACTOR Petromork Drilling, LLC. Rig # 1 COMM. 3-30-2012 COMP. 4-7-2012 RTD 4253' LOG TO 4252' SAMPLES SAVED FROM 3500' TO RTD DRILLING TIME KEPT FROM 3500' TO RTD SAMPLES EXAMINED FROM 3500' TO RTD SAMPLES EXAMINED FROM 3650' TO RTD GEOLOGICAL SUPERVISION FROM 3650' TO RTD MUD UP 3400' TYPE MUD Chemical FORMATION TOP DATUM TOP DATUM COMP.	CASING RECORD SURFACE 85/8"@1403' PRODUCTION 51/2"@4251' ELECTRICAL SURVEYS Log Tech CNL/COL, DIL	EURANIESM	BATERAPIL	1		ESCRIPTION OF			C.C.S. ANN	NES S W					
Anhydrite 1397' + 740 1395'+742 - 4 Base 1432' + 707 1431'+706 - 5 Heebner 3608'-1471 3610'-1473 - 1 Lansing 3654'-1517 3656'-1519 + 1 BKc 3780'-1843 3982'-1845 + 1 Pawnee 4064'-1927 4064'-1927 + 1 Fort Scott 4144'-2007 4145'-2008 FL Cherokee 4165'-2028 4166'-2029 + 1 Mississippian 4246'-2109 4248'-2111 + 1 Total Depth 4252'-2115 4253'-2116	T19s RZZW Comp. Loc. Z	·····									3- Uia Nec For de	D seismi the su oucred mation cision we ther exa	ic suru ruey. C commi After as mai	ey. Th Dre Dr. ercial all gat de to	e ne ill S am there run
REFERENCE WELL FOR STRUCTURAL COMPARISON American Moore #S-1 2020' FNL ? 2090' FWL Sec. 1	Warrior, Inc. T195 RZZW														

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					115	92.	TOC 1105																

																																					D57#1	1017 2001 1120'- 416S' 1120'- 41S''	IH 2058# IF 42.82# 16 min.	154 370# W.S.R. FF 90-119# B.O.B. 17 min.	FST 353# W.S.B. FH 1929# RUT 11705	Recovery: 310°GTP	62, 6mcp	62, 600 m 20% 01 31, 500 m	22					Respectfully.	Heven THL 4-7-2012
LS- Ton: 12. 687 Foir com 41 Borring Poor- Foir com 41	Sh- bey LS. Offinh. Ton. Fn xln, Ool.	Barren Bom & interla &	Sh- Gry- Bin	Born, Hear 2- With	Sh-Drk Gry	LS- Ten- Officiph, En xla, Ool. W/ Poor com p. Borren Ool.	Ls-ala	Ls-ala		LS- Tan-Lt. 644,	Sh - bry - Bro	Sh- ala	1 c. f. da la cual Due	cun insone ited an ad an	Sh- bey- Brn	Ls-Tan-Lt. buy, Subplin, DNS	Sh- Cay-Brn	15- Offich - 13. Com + Faxle, Col.		Sh. Dik Gry	15. Offich- Hoor word, Borran	Ls. ele, DNS Sh- Drk Gry	15- Offich, Fr-Subry, Ool. w/	Sh-Blk, Corb.	Ls - Tam- Gry. Subala, DNS	Ls - ala	Sh- bry Bin-ben		Sh-ale	LS-Jen-berg Fn-Subyln, Ool.	Sh. her-Bin. Gen	12- Tourist C. For-Chula	LSDNS 900-Lt. Gry. To - JUDXINI Sh. Gry - Gra	1 - 17 (CLAL MIC	LA - LA GAN JUDGAN LAND	Ls-ala		L3 - L4. Goy - Gry, Subala, DNS		Sh. Drk Gey 2 Sh. Bilk, Carb.	15- PRUM. H. Gran E. Med xha	Bright Ver. Fuer. Process Lt. Babr.	Sh. Dik Gry. B/k Sh-Gry Bing Gin, Few Rondom	LS- Ton- Offich, Subx/n, DNS	ls- a/a	Sh-Gy-Bin-Gen		Sh-Muticalored, 2- Wht - tel.	Sh.a/a	40- Palo-Wht-Ton, Fr Suc. No.	Good Color, Coost Pel. Lit Hune.
3656'-1519																										XX XX	3982' - 1845						Pawnee	L26[- ,H90h					L		102-1101	Cherokee	4166 -2029							Mississippian 4248' -ZIII	Total Depth 4253'-2116
	Ŋ	M	vv,	M	w	W	Λ		M	M	N	W		\		V	Ŵ	V	m V	W	~ ~	M	\mathcal{N}		[•] /-/	Ŵ	W		MN	A	M	₩	m								h		ĬW	٢٦	// \	V	JW	n_r		1	
3;		03	1 1 3700	Q ;	8 %	€ 9 	03750	9 -1-1-1		0, 0,	3800		8 []	% ;-[-[-[-	0, 1, 1	3850	& & -[:':-	2 &			2 7-7-7-	92	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1,1 3950	<u> </u>		⊗ %	0007		20			99 97 17 17 17	02.	% 1-1-1-	99	00/1/ 1/1	2 2	8 % [-[-[111 41/50	°	02	-1- 111 111	06		0	2	40 1 1 1 1 1 1 1 1 1 1 1 1 1	0524 44	

Geological Report

American Warrior, Inc. **Moore #6-1** 1625' FNL & 1545' FWL Sec. 1 T19s R22w Ness County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. Moore #6-1 1625' FNL & 1545' FWL Sec. 1 T19s R22w Ness County, Kansas API # 15-135-25351-0000
Drilling Contractor:	Petromark Drilling, LLc Rig #1
Geologist:	Jason T Alm
Spud Date:	March 30, 2012
Completion Date:	April 7, 2012
Elevation:	2131' Ground Level 2137' Kelly Bushing
Directions:	Bazine KS, from the intersection of Hwy 96 and Austin St. South 2 mi. to 110 Rd. 1 mi. West on 110 Rd. North through cattle guard and North and Northwest ³ / ₄ mi. into location.
Casing:	1406' 8 5/8" surface casing 4251' 5 1/2" production casing
Samples:	10' wet and dry, 3500' to RTD
Drilling Time:	3500' to RTD
Electric Logs:	Log-Tech, Inc. "Chris DeSaire" CNL/CDL, DIL
Drillstem Tests:	One, Trilobite Testing, Inc. "Cody Bloedorn"
Problems:	None
Remarks:	After DST #1, Gas Detector wasn't able to accurately read gas samples due to high oil content in drilling mud.

	American Warrior, Inc.
	Moore #6-1
	Sec. 1 T19s R22w
Formation	1625' FNL & 1545' FWL
Anhydrite	1397', +740
Base	1432', +707
Heebner	3608', -1471
Lansing	3654', -1517
BKc	3980', -1843
Pawnee	4064', -1927
Fort Scott	4144', -2007
Cherokee	4165', -2028
Mississippian	4246', -2109
LTD	4252', -2115
RTD	4253', -2116

Formation Tops

Sample Zone Descriptions

Fort Scott(4144', -2007):Covered in DST #1Ls – Fine to medium crystalline with poor to fair inter-crystalline
and vuggy porosity, light to fair golden oil stain with scattered
saturation, slight show of free oil when broken, light odor, bright
yellow fluorescents, 90 units hotwire.

Mississippian Osage (4246', -2109): Not Tested

Dolo $-\Delta$ – Fine sucrosic crystalline with fair vuggy porosity, heavy chert, triptolitic, weathered with good vuggy porosity, light to fair scattered oil stain and saturation, show of free oil, good odor, good yellow cut fluorescents.

Drill Stem Tests Trilobite Testing, Inc. "Cody Bloedorn"

DST #1	IHP – 205 IFP – 45" ISI – 45"	2 – B.O.B. 16 min. 2 – W.S.B. 2 – B.O.B. 17 min. 2 – W.S.B. 29 #	42-82 # 390 # 90-119 # 393 #
	Recovery:	310' GIP124' GOCM20% Oil62' GMCO50% Oil31' SOCM5% Oil	

Structural Comparison

-

	American Warrior, Inc.	American Warrior, Inc.		American Warrior, Inc.	
	Moore #6-1	Moore #5-1		Moore #2-1	
	Sec. 1 T19s R22w	Sec. 1 T19s R22w		Sec. 1 T19s R22w	
Formation	1625' FNL & 1545' FWL	2020' FNL & 2090' FWL		1420 FNL & 2626' FEL	
Anhydrite	1397', +740	1393', +744	(-4)	1385', +755	(-15)
Base	1432', +707	1427', +712	(-5)	NA	NA
Heebner	3608', -1471	3611', -1472	(-1)	3610', -1470	(-1)
Lansing	3654', -1517	3657', -1518	(+1)	3658', -1517	FL
BKc	3980', -1843	3983', -1844	(+1)	3981', -1841	(-2)
Pawnee	4064', -1927	4067', -1928	(+1)	4063', -1923	(-4)
Fort Scott	4144', -2007	4146', -2007	FL	4143', -2003	(-4)
Cherokee	4165', -2028	4168', -2029	(+1)	4162', -2022	(-6)
Mississippian	4246', -2109	4249', -2110	(+1)	4241', -2101	(-8)

Summary

The location for the Moore #6-1 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One drill stem test was conducted which recovered commercial amounts of oil from the Fort Scott Formation. After all gathered data had been examined the decision was made to run 5 $\frac{1}{2}$ inch production casing to further evaluate the Moore #6-1 well.

Recommended Perforations

Primary: Mississippian Osage	(4246' – 4251')	Not Tested
Secondary: Fort Scott	(4148' – 4154')	DST #1

Respectfully Submitted,

Jason T Alm Hard Rock Consulting, Inc.



DRILL STEM TEST REPORT

Prepared For:

American Warrior Inc

PO Box 399 Garden City KS 67846

ATTN: Jason Alm

Moore #6-1

1-19s-22w Ness,KS

 Start Date:
 2012.04.06 @ 01:13:00

 End Date:
 2012.04.06 @ 09:13:30

 Job Ticket #:
 46305
 DST #: 1

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

	DRIL	L STEM TE	S	TREP	ORT				
RILOBITE	American	American Warrior Inc			1-19s-22w Ness,KS				
ESTI	IG , INC. PO BOX 39	99			Мо	ore #6-1	I		
	Garden C	Garden City KS 67846			Job Ticket: 46305 DST#:1				#:1
	ATTN: Ja	ason Alm			Tes	t Start: 20)12.04	.06 @ 01:13:00)
GENERAL INFORMATIC	DN:								
Formation:Ft. ScottDeviated:NoWTime Tool Opened:03:50:00Time Test Ended:09:13:30	hipstock:	ft (KB)			Tes	ter:		ntional Bottom Bloedorn	Hole (Initial)
Interval: 4120.00 ft (KB) To 4165.00 ft (KB) (TVD) Total Depth: 4165.00 ft (KB) (TVD) Hole Diameter: 7.88 inches Hole Condition:					Ref	erence Ele KB t	evation o GR/0	2131.	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 8520 Out	side								
	012.04.06 End	.00 ft (KB) Date: Time:	2	2012.04.06 09:13:30	Capacity Last Cali Time On Time Off	b.: Btm: 2		8000. 2012.04. 4.06 @ 03:49: 4.06 @ 06:57:	30
45 - F 45 - F	SI- surface blow , died in F- B.O.B. in 17 Min. SI- Surface blow , died Pressure vs. Time	in 22 Min.			PI	RESSUR	RE SI	JMMARY	
8520 Pressure		mperature	,	Time	Pressure	Temp		notation	
		7010-5 10 2 - 110		(Min.)	(psig)	(deg F)	امناها	Livera atatia	
1760			5	0 1	2058.60 42.05	107.64 107.60		Hydro-static To Flow (1)	
1600)	43	82.99	108.85		. ,	
g 1200			Terr	91	390.31			Shut-In(1)	
			nperature	91 132	90.79 119.24	110.07 111.19		n To Flow (2) -In(2)	
750			(deg	187	393.41	112.52		Shut-In(2)	
6 Fri Apr 2012	native () not the second of th	9AM	ŋ	188	1929.15	112.94	Final	Hydro-static	
Recovery				Gas Rates					
	Description Volume (bbl)			Choke (inches) Pressure (psig) Gas Rate (Mct/d)					
62.00 GOCM, 20%C	, 40%G, 40%M	0.30		Ļ				<u> </u>	ļ
62.00 GHOCM, 20%	G, 30%M, 50%O	0.30							
62.00 GV SOCM, 10	%G, 20%O, 70%M	0.30							
31.00 OM, 5%O, 95	%M	0.15							
0.00 310' of G.I.P.		0.00							
1		1							

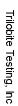
(On-	RILOBITE	DRILL STEM TES	ST REP	ORT				
TESTING, INC.		American Warrior Inc	1-19s-22w Ness,KS					
		PO Box 399		Moore #6	6-1			
		Garden City KS 67846		Job Ticket:	46305	DST#	:1	
		ATTN: Jason Alm		Test Start:	2012.04.0	06 @ 01:13:00		
GENERAL I	NFORMATION:							
Formation: Deviated: Time Tool Oper Time Test Ende		ft (KB)		Test Type: Tester: Unit No:	Conven Cody Bl 38	tional Bottom H loedorn	lole (Initial)	
Interval: Total Depth: Hole Diameter:	4120.00 ft (KB) To 41 4165.00 ft (KB) (T\ 7.88 inchesHole	/D)		Reference Elevations: 2137.00 ft (KB) 2131.00 ft (CF) KB to GR/CF: 6.00 ft				
Serial #: 8 Press@RunDe Start Date: Start Time:		 4157.00 ft (KB) End Date: End Time: 	2012.04.06 09:14:00	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.0 2012.04.0	0 psig 6	
	45 - FF- B.O.B. ir 45 - FSI- Surface Pressure vs. T	blow , died in 13 Min. 17 Min. 9 blow , died in 22 Min.		PRESSI		MMARY		
-	A 8364 Pressure		Time	Pressure Temp		otation		
2000 1750 1500	A Trn (Hour)		(Min.)	(psig) (deg l				
Recovery			Gas Rates					
Length (ft)	Description					Gas Rate (Mcf/d)		
62.00	GOCM, 20%O, 40%G, 40	0%M 0.30		!	Į	Į		
62.00	GHOCM, 20%G, 30%M, 5							
62.00	GVSOCM, 10%G, 20%O	, 70%M 0.30						
		1 1						
31.00	OM, 5%O, 95%M	0.15						
	OM, 5%O, 95%M 310' of G.I.P.	0.15						

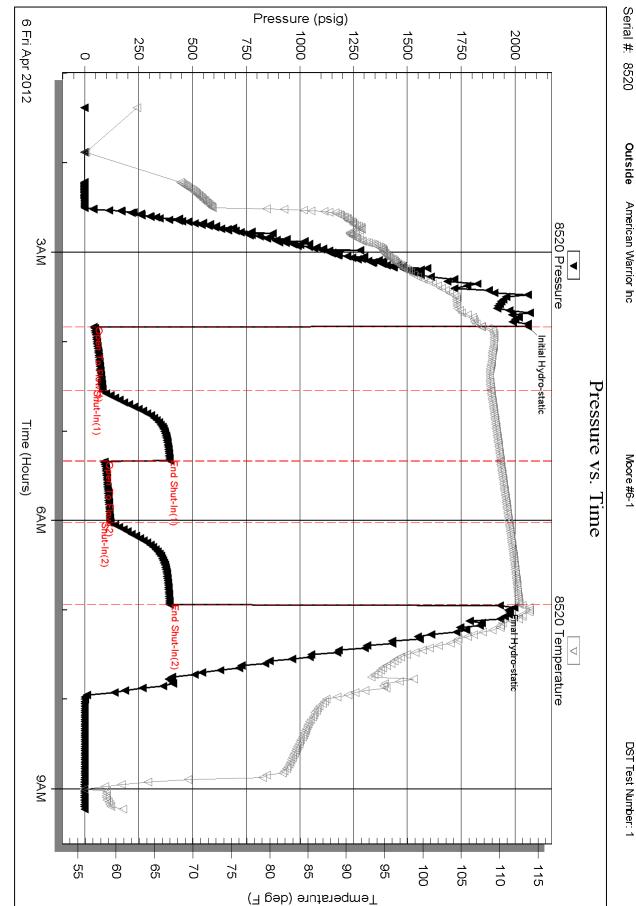
	- DRI	LL STE	MTEST	REPOR	RT	TOOL DIAGR
RILOBITE	Americ	an Warrior Inc	C		1-19s-22w Ness,	,KS
ESTING	G, INC. _{PO Box}	x 399			Moore #6-1	
	Garder	n City KS 678	46		Job Ticket: 46305	DST#: 1
	ATTN:	Jason Alm			Test Start: 2012.04	.06 @ 01:13:00
Tool Information						
Drill Pipe: Length: 385	50.00 ft Diameter	: 3.80 in	ches Volume:	54.01 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe: Length:	0.00 ft Diameter	: 0.00 in	ches Volume:	0.00 bbl	Weight set on Pa	acker: 25000.00 lb
Drill Collar: Length: 24	48.00 ft Diameter	: 2.25 in	ches Volume:	1.22 bbl	Weight to Pull Lo	ose: 74000.00 lb
Drill Ding Above KD:	6 00 ft	-	Total Volume:	55.23 bbl	Tool Chased	0.00 ft
	6.00 ft				String Weight: In	itial 68000.00 lb
Depth to Top Packer: 412 Depth to Bottom Packer:	20.00 ft ft				F	inal 70000.00 lb
•	45.00 ft					
	73.00 ft					
•	2 Diameter	: 6.75 in	ches			
Number of Packers.						
Tool Comments:				Depth (ft)	Accum. Lengths	
Tool Comments: Tool Description	Length (ft)		Position		Accum. Lengths	
Tool Comments: Tool Description				Depth (ft) 4093.00 4098.00	Accum. Lengths	
Tool Comments: Tool Description Change Over Sub Shut In Tool	Length (ft) 1.00			4093.00	Accum. Lengths	
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool	Length (ft) 1.00 5.00			4093.00 4098.00	Accum. Lengths	
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars	Length (ft) 1.00 5.00 5.00			4093.00 4098.00 4103.00	Accum. Lengths	
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint	Length (ft) 1.00 5.00 5.00 5.00			4093.00 4098.00 4103.00 4108.00	Accum. Lengths	Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer	Length (ft) 1.00 5.00 5.00 5.00 3.00			4093.00 4098.00 4103.00 4108.00 4111.00		Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer	Length (ft) 1.00 5.00 5.00 5.00 3.00 5.00			4093.00 4098.00 4103.00 4108.00 4111.00 4116.00		Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations	Length (ft) 1.00 5.00 5.00 3.00 5.00 4.00 1.00 3.00			4093.00 4098.00 4103.00 4108.00 4111.00 4116.00 4120.00 4121.00 4124.00		Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sub	Length (ft) 1.00 5.00 5.00 3.00 5.00 4.00 1.00 3.00 1.00			4093.00 4098.00 4103.00 4108.00 4111.00 4116.00 4120.00 4121.00 4124.00 4125.00		Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sub	Length (ft) 1.00 5.00 5.00 3.00 5.00 4.00 1.00 3.00 1.00 31.00			4093.00 4098.00 4103.00 4108.00 4111.00 4116.00 4120.00 4121.00 4124.00 4125.00 4156.00		Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sub Drill Pipe Change Over Sub	Length (ft) 1.00 5.00 5.00 3.00 5.00 4.00 1.00 3.00 1.00 31.00 1.00	Serial No.	Position	4093.00 4098.00 4103.00 4108.00 4111.00 4116.00 4120.00 4121.00 4124.00 4125.00 4156.00 4157.00		Bottom Of Top Packe
Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sub Drill Pipe Change Over Sub Recorder	Length (ft) 1.00 5.00 5.00 3.00 5.00 4.00 1.00 3.00 1.00 31.00 1.00 0.00	Serial No.	Position	4093.00 4098.00 4103.00 4108.00 4111.00 4116.00 4120.00 4121.00 4124.00 4125.00 4156.00		Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sub Drill Pipe Change Over Sub Recorder Recorder	Length (ft) 1.00 5.00 5.00 3.00 5.00 4.00 1.00 3.00 1.00 31.00 1.00 0.00	Serial No.	Position	4093.00 4098.00 4103.00 4108.00 4111.00 4116.00 4120.00 4121.00 4124.00 4125.00 4156.00 4157.00		Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sub Drill Pipe Change Over Sub Recorder	Length (ft) 1.00 5.00 5.00 3.00 5.00 4.00 1.00 3.00 1.00 31.00 1.00 0.00	Serial No.	Position	4093.00 4098.00 4103.00 4108.00 4111.00 4116.00 4120.00 4121.00 4124.00 4125.00 4156.00 4157.00		Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Stubb Perforations Change Over Sub Drill Pipe Change Over Sub Recorder Recorder	Length (ft) 1.00 5.00 5.00 3.00 5.00 4.00 1.00 3.00 1.00 31.00 1.00 0.00	Serial No.	Position	4093.00 4098.00 4103.00 4108.00 4111.00 4116.00 4120.00 4121.00 4125.00 4125.00 4156.00 4157.00 4157.00		Bottom Of Top Packet

RILOBITE TESTING , INC.		DRILL STEM TEST REPORT FLUID SUMMAR					
		can Warrior Inc	1-19s-22w	1-19s-22w Ness,KS			
		ox 399 on City KS 67846		Moore #6-1 Job Ticket: 46305 DST#:1 Test Start: 2012.04.06 @ 01:13:00			
		: Jason Alm					
				Test Start: 2012.04.06 @ 01:13:00			
lud and Cushion Info	rmation						
lud Type: Gel Chem lud Weight: 9.00 lb iscosity: 46.00 so /ater Loss: 8.39 in	ec/qt 3	Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type:	ft bbl	Oil API: Water Salinity:	deg API ppm		
alinity: 6800.00 p	hm.m om ches	Gas Cushion Pressure:	psig				
ecovery Information							
r		Recovery Table		,			
	Length ft	Description	Volume bbl				
·	62.00	GOCM, 20%O, 40%G, 40%M	0.305				
	62.00	GHOCM, 20%G, 30%M, 50%O	0.305	-			
	62.00	GVSOCM, 10%G, 20%O, 70%M	0.305	-			
	<u>31.00</u> 0.00	OM, 5%O, 95%M 310' of G.I.P.	0.152				
L Tota			67 bbl	J			
Nun Lab	n Fluid Samples: 0 oratory Name: overy Comments:	Num Gas Bombs: 0 Laboratory Location:	Serial #				
	,						

Printed: 2012.04.11 @ 10:11:52

Ref. No: 46305



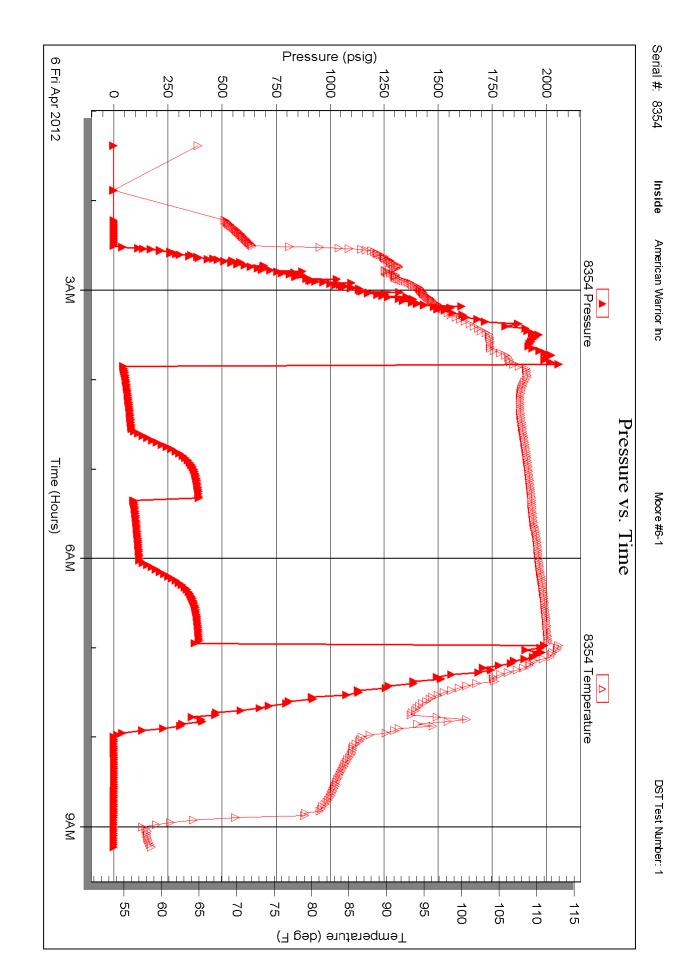


Moore #6-1

Printed: 2012.04.11 @ 10:11:53

Ref. No: 46305

Trilobite Testing, Inc



	LOBITE ESTING INC. 20. Box 1733 • Hays, K	APR Kansas 67601	E I V I⊂ D 0 9 2012	Test Ticket No. 46305	
Interval Tested 4120 - Anchor Length 5	Warrior ± 79, Garden Ci Alm Twp. 195 B	sty KS, 678 90. 22W	HG Rig Petron co. Ness Ft. Scott 3850	Date <u>4-5-12</u> 37 KB <u>3/3/</u> GI NarK <u>4/</u> State K5 Mud Wt. <u>9.1</u> Vis <u>46</u> WL <u>8.4</u>	- L
Blow Description IF - B ISI - S FF - B	.O.B.n 1 yrface blows .O.B. MI rface blow, d	6 Mm. Diedin 7 Min.		tem LCM	
Rec G 2 Feet of Rec G 7 Feet of Rec G 7 Feet of Rec Feet of 7 Rec G 7 Feet of Rec Feet of 7 (A) Initial Hydrostatic Q 7 (A) Initial Hydrostatic Q 7 (C) First Final Flow B 6 (D) Initial Shut-In S 8 (E) Second Initial Flow 1 (G) Final Shut-In 3	SOC M SHOC M SVSOC M OM 310' of G.I.I BHT 1/2° Gr 058 12 12 12 12 10 19 19 19 19 19 19 19 19 19 10 10 10 10 10 10 10 10 10 10	4 2 7 P.	10 %gas 20 %gas 50 %gas 50 %gas 5 %gas 5 %gas 6 %gas 7 %gas	%oil%water 40 %mi%oil%water 30 %mi%oil%water 70 %mi%oil%water 75 %mi%oil%water 90 mi%oil%water%mi%oil%i%a%oil%a%mi%oil%i%a%oil%i%a%oil%i%a%oil%i%a%oil%i%a%oil%i%a%oil%i%a%oil%i%a%oil%i%a%	
Initial Open <u>45</u> Initial Shut-In <u>45</u> Final Flow Final Shut-In	45 45	L Extra Packer Extra Recorder Day Standby Accessibility Sub Total 1 つん Our R		Extra Copies Sub Total TotalTD4 ~ MP/DST Disc't / JB/bCdorm	-

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 it: 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.