

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1091552

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: Sta	ate: Zip:+	Feet from East / West Line of Section
		Footages Calculated from Nearest Outside Section Corner:
		County:
		Lease Name: Well #:
		Field Name:
-		
		Producing Formation:
Designate Type of Completion:		Elevation: Ground: Kelly Bushing:
New Well Re-I	Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW	SWD SIOW	Amount of Surface Pipe Set and Cemented at: Fee
Gas D&A	ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
OG	GSW Temp. Abd.	If yes, show depth set: Fee
CM (Coal Bed Methane)		If Alternate II completion, cement circulated from:
Cathodic Other (Core,	Expl., etc.):	feet depth to:w/sx cmi
If Workover/Re-entry: Old Well Info	o as follows:	
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 SWD	Chloride content: ppm Fluid volume: bbls
		Dewatering method used:
Plug Back:	Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled	Permit #:	
Dual Completion	Permit #:	Operator Name:
	Permit #:	Lease Name: License #:
	Permit #:	Quarter Sec TwpS. R East Wes
GSW	Permit #:	County: Permit #:
Spud Date or Date Read Recompletion Date	ched TD 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 Approved by: Date:					

	Side Two	1091552
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	Nar	-	on (Top), Depth and	d Datum Top	Sample Datum
Samples Sent to Geolog	gical Survey	Yes	No	INdi	lie		юр	Datum
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	Yes	No No No					
List All E. Logs Run:								
			CASING R		lew Used			
		Report all st	rings set-co	nductor, surface, in	termediate, produc	tion, etc.		
Purpose of String	Size Hole Drilled	Size Casir Set (In O.I		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 RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated						ement Squeeze Record of Material Used)	Depth		
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner R	un:	No	
Date of First, Resumed	Product	ion, SWD or ENHF	ł.	Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	s.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	ON OF (	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Uually (Submit /	Comp. ACO-5)	Commingled (Submit ACO-4)		
(If vented, Sul	bmit ACC	)-18.)		Other (Specify)						

# **Geological Report**

American Warrior, Inc. James Sorem #1-33 2000' FNL & 335' FWL Sec. 33, T21s, R24w Hodgeman County, Kansas



American Warrior, Inc.

1

0	General Data
Well Data:	American Warrior, Inc. James Sorem #1-33 2000' FNL & 335' FWL Sec. 33, T21s, R24w Hodgeman County, Kansas API # 15-083-21810-0000
Drilling Contractor:	Duke Drilling Co. Rig #5
Geologist:	Kevin Timson
Spud Date:	July 3, 2012
Completion Date:	July 10, 2012
Elevation	2443' G.L. 2454' K.B.
Directions:	From Jetmore KS, go 5 miles North on Hwy 283, now go 3 miles West on R Rd, now go North 1 miles on 215 Rd to SE corner of section, now go 1 mile West on S Rd, now go .6 miles North on 214 Rd to ingress stake East, East into location.
Casing:	#23 8 5/8" surface casing set @ 226' with 150 sacks class A, 3% c.c., 2% gel.
Samples:	3700' to RTD
Drilling Time:	3600' to RTD
Electric Logs:	None
Drillstem Tests:	One, Trilobite Testing, Inc. "Brett Dickinson"
Problems:	None
Remarks:	None

# **Formation Tops**

Formation Heebner Lansing BKC Pawnee Fort Scott Cherokee RTD American Warrior, Inc. James Sorem #1-33 Sec. 33, T21s, R24w 2000' FNL & 335' FWL 3970' -1516 4020' -1566 4404' -1950 4503' -2049 4541' -2087 4569' -2115 4637' -2183

# **Drill Stem Tests**

Trilobite Testing Inc. "Bradley Walter"

**DST #1** 

### **Cherokee Sand**

Interv	al (4569' - 4637') Anchor Length 68'	
IHP	- 2270#	
IFP	- 30" - 1/2" blow died back to 1/4"	26-32#
ISI	- 30" – No blow	134#
FFP	- 30" – No blow	35-38#
FSIP	- 30" – No blow	73 #
FHP	- 2256 #	
BHT	- 123° F	

Recovery: 15' SOCM (10% oil, 90% mud)

# **Structural Comparison**

American Warrior, Inc.	Oasis Petroleum
James Sorem #1-33	Schauvliege #1
Sec. 33, T21s, R24w	Sec. 24, T21s, R23w
2000' FNL & 335' FWL	3300' FSL & 3300' FEL
3970' -1516	3965' -1514
4020' -1566	4016' -1565
4404' -1950	4397' -1946
4503' -2049	4495' -2044
4541' -2087	4548' -2097
4569' -2115	4571' -2120

### Summary

The location for the James Sorem #1-33 well was found via 3-D seismic survey. The new well ran structurally low to the highest producer. One drill stem test was conducted which was negative. After all gathered data had been examined the decision was made to plug and abandon the James Sorem #1-33 well.

Respectfully Submitted,

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Formation Heebner Lansing BKC Pawnee Fort Scott Cherokee

Kevin Timson American Warrior, Inc.

# ALLIED OIL & GAS SERVICES, LLC 053640

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

SERVICE POINT:

DATE 7-3-12	SEC. 33	TWP. 2-1	RANGE 24	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE Soreph	WELL #	1-37	LOCATION Je	Thoreaks 32	GNINA	COUNTY	STATE
OLD OR NEW (Ci	rcle one)		1/2NE.	into			- factores

TYPE OF JOB Surf HOLE SIZE /2/	u T.D.	CEMENT	,	_	
CASING SIZE 514	173 E	AMOUNT OR	DERED /	5054 Cla	iss 12 3tecc
TUBING SIZE	DEPTH	2/1981			
DRILL PIPE	DEPTH		an lenger official	- 2411	
TOOL	DEPTH				6
PRES. MAX	MINIMUM	COMMON	150	@ 16.25	2. 137. 50
MEAS. LINE	SHOE JOINT	POZMIX		@	
CEMENT LEFT IN CSG.	15F-	GEL	3	@ 21-25	63.75
PERFS.		CHLORIDE	5	@ 58.20	
DISPLACEMENT /3	, 41 6515 Freshware	ASC		@	
				0	

#### EQUIPMENT

PUMPTRUCK # 366	CEMENTER Durn Z HELPER Keyth E
BULK TRUCK # 462 - 241	DRIVER Joe / M
BULK TRUCK	
#	DRIVER

**REMARKS:** 

COMMON 150	@ 16.25	2. 137. 5
POZMIX	@ 21-25	63.75
CHLORIDE 5	@ 58.20	291.00
ASC	@	
	_@	
	@	
	_@	
	_@	
••••••••••••••••••••••••••••••••••••••		
HANDLING 162.2	@ 2.10	340. 62
MILEAGE 7.4 x 24x	2.35	417.35

Plus	Poun	11'00-		
1.1.1	1 12/1	The p	MA	

ZIP\_

DEPTH OF J	OB		#25.00	225
PUMP TRUC	CK CHARO	11	25:00	
EXTRA FOO	TAGE		@	
MILEAGE	Hum	24	@ 7.00	168.00
MANIFOLD			@	
	Lum	24	@ 4.00	96.00
			@	

SERVICE

TOTAL 1389.00

#### PLUG & FLOAT EQUIPMENT

 @	
 @	
@	
@	
@	

TOTAL \_\_\_\_\_

SALES TAX (If Any	y)	23
TOTAL CHARGES	4.939.	80
DISCOUNT		IF PAID IN 30 DAYS
	3.704.	43

To: Allied Oil & Gas Services, LLC.

CITY\_\_\_\_\_STATE\_\_\_

STREET

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 TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME SIGNATURE X Thank You !!

REMITTO P.O.	BOX 31		SERVICE POINT:
RU	SSELL, KANSAS 6766	j	Great Band, K
DATE 7-10-1	2 SEC. 33 TWP. 21	RANGE 74	CALLED OUT ON LOCATION JOB START JOB FINISH
James-So	A I	LOCATION Jetz	for a set
LEASE		LOCATION 094	
OLD OR NEW (		Em	to 1,03
CONTRACTOR TYPE OF JOB	Duke #5		OWNER Same
HOLE SIZE	77/8 T.D.	46921	CEMENT
CASING SIZE	DEP	and the second se	AMOUNT ORDERED 250519 6940 18
TUBING SIZE	DEP		14#flo-real
DRILL PIPE	4YZ DEP	TH /7/01	
TOOL	DEP		
PRES. MAX		IMUM	COMMON_ 15056 @ 1625 2437.5
MEAS. LINE		EJOINT	POZMIX 160 5 P @ 8.50 8.50
CEMENT LEFT	CONTRACTOR OF A	men Zalit an	GEL 9543 @ 21.23 191.2
PERFS.			CHLORIDE @
DISPLACEMEN	T 87.2 661		ASC @
	EQUIPMENT		
	EQUITMENT		Als-seal 63# @ 2.70 190.1
DILLOPODILO	onum 1-6	and the t	
PUMPTRUCK	CEMENTER ACK	S.J.J. CP	ĨA)@
# 366 BULK TRUCK	HELPER Kevin	- caray la	@@
#5401.287	DRIVER Bran	dentilkans	(d)@
BULK TRUCK	DRIVER DI Con	eren incars	@
BULK IKUCK	DRIVER		@
<u>#</u>	DRIVER		- HANDLING 268,53 943@ 2.10 563
			MILEAGE 11.21 100 x 24 x 2 35 632.3
	REMARKS:		0 A 3 TOTAL 4.845
Mix 509	kg at 12101		- 269.03 TOTAL 4.245
MIV 805			SERVICE
Mir 50	sb at 2401		
MIT 20	slant 601		DEPTH OF JOB 17101
plees M. H	20589		_ PUMPTRUCK CHARGE 1250
DELa RO	- 309kg		_ EXTRA FOOTAGE @
10	1	1.	_ MILEAGE 24 @ 7.00 168.9
	Than	KV09	- MANIFOLD
	Incon		LU. milege 24 @ 4,00 96.23
			@
CHARGE TO:	Americantel	anon	
CHAROB IO.e	/		TOTAL 1519
STREET			
CITY	STATE	ZIP	PLUG & FLOAT EQUIPMENT
			Theo a them been man
			@
			@
To Allied Cem	enting Co., LLC.		@
	requested to rent cerr	enting equipment	@
	menter and helper(s) to		@
	o work as is listed. Th		1
	ction and supervision		TOTAL
	ave read and understar		ilite men
	CONDITIONS" listed		
			TOTAL CHARGES 6.359.
	Kenn	MEUNE	25% 1.587.00
PRINTED NAM	E NENNETH	IL GUIRE	DISCOUNT IF PAID IN 30 DA
I KINILD INA			



# DRILL STEM TEST REPORT

Prepared For:

American Warrior Inc.

PO Box 399 Garden City KS 67846

ATTN: Harley Sayles

#### James Sorem #1-33

#### 33-21s-24w Hodgeman,KS

 Start Date:
 2012.07.09 @ 16:25:00

 End Date:
 2012.07.10 @ 01:04:00

 Job Ticket #:
 49267
 DST #: 1

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

RILOBITE	DRILL STEM TES	ST REP	ORT				
	American Warrior Inc.		33-21	s-24w I	Hodgem	an,KS	
ESTING , INC	PO Box 399 Garden City KS 67846		Jame	es Sore	em #1-33		
				cket: 492	-	DST#:	:1
	ATTN: Harley Sayles		Test S	Start: 201	2.07.09 @	16:25:00	
GENERAL INFORMATION:							
Formation:Cherokee Sd.Deviated:NoWhipstock:Time Tool Opened:19:35:00Time Test Ended:01:04:00	ft (KB)		Test T Tester Unit No	: Br	onventiona rett Dickins 9		(Initial)
Interval:4569.00 ft (KB) ToTotal Depth:4637.00 ft (KB) (Hole Diameter:7.88 inches Ho			Refere	ence Elev KB to	vations: GR/CF:		0 ft (KB) 0 ft (CF) 0 ft
Serial #: 6753OutsidePress@RunDepth:37.59 psigStart Date:2012.07.09Start Time:16:25:05TEST COMMENT:IF-1/2" blow dia ISI-No blow	End Date: End Time:	2012.07.10 01:04:00	Capacity: Last Calib.: Time On Btr Time Off Bt	m: 20	; 012.07.09 ( 012.07.09 (		
FF-No blow FSI-No blow Pressure vs			PRE	SSURE	E SUMM	ARY	
9750 Pressure 0 0 0 0 0 0 0 0 0 0 0 0 0	573 Temperature 120 120 120 120 120 120 120 120	Time (Min.) 0 3 33 63 64 94 125 128	(psig) ( 2270.55 25.80 31.72 133.94 34.94 37.59 73.39	119.72     0       121.06     1       121.87     1       121.86     0       122.46     1       122.99     1	Annotatio Open To FI Shut-In(1) End Shut-Ir Open To FI Shut-In(2) End Shut-Ir Final Hydro	o-static ow (1) n(1) ow (2) n(2)	
Recovery					Rates		
Length (ft)         Description           15.00         SOCM 10%O 90%m	Volume (bbl) 0.07			Choke (inc	ches) Pressu	re (psig)	Gas Rate (Mct/d)
Trilobite Testing, Inc.	Ref. No: 49267				2012.07.18		

	DRILL STEM TES	ST REP	ORT			
RILOBITE	American Warrior Inc.		33-21s-24	w Hodger	nan,KS	
ESTING , INC.	PO Box 399		James S	orem #1-3	3	
	Garden City KS 67846		Job Ticket:	49267	DST#:	1
	ATTN: Harley Sayles		Test Start:	2012.07.09	@ 16:25:00	
GENERAL INFORMATION:						
Formation:Cheroker Sd.Deviated:NoWhipstock:Time Tool Opened:19:35:0Time Test Ended:01:04:0	ft (KB)		Test Type: Tester: Unit No:	Conventior Brett Dickir 59		(Initial)
Interval:4569.00 ft (KB) To46Total Depth:4637.00 ft (KB) (ThHole Diameter:7.88 inches Hole			Reference	Elevations: B to GR/CF:		) ft (KB) ) ft (CF) ) ft
Serial #: 8369InsidePress@RunDepth:psigStart Date:2012.07.09Start Time:16:24:05	<ul> <li>4608.00 ft (KB)</li> <li>End Date:</li> <li>End Time:</li> </ul>	2012.07.10 01:04:00	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 2012.07.10	
TEST COMMENT: IF-1/2" blow died ISI-No blow FF-No blow FSI-No blow						
Pressure vs. T	ime S360 Temperature	Time				
200 00 00 00 00 00 00 00 00 00	125 126 120 120 120 120 120 120 120 120	Time (Min.)	Pressure Temp (psig) (deg F		uon	
Recovery			·iiiiii	as Rates		
Length (ft) Description	Volume (bbl)		Chok	e (inches) Pres	sure (psig)	Gas Rate (Mcf/d)
15.00 SOCM 10%O 90%m	0.07					
	Ref. No: 49267			ed: 2012.07.1		

	DRILL STEM TES	ST REPO	ORT			
RILOBITE	American Warrior Inc.		33-21s-24	w Hodger	nan,KS	
ESTING , INC.	PO Box 399		James S	orem #1-3	3	
	Garden City KS 67846		Job Ticket:	49267	DST#	:1
	ATTN: Harley Sayles		Test Start:	2012.07.09 @	2 16:25:00	
GENERAL INFORMATION:						
Formation:Cherokee Sd.Deviated:NoWhipstock:Time Tool Opened:19:35:00Time Test Ended:01:04:00	ft (KB)		Test Type: Tester: Unit No:	Convention Brett Dickin 59		(Initial)
Interval:4569.00 ft (KB) To46Total Depth:4637.00 ft (KB) (ThHole Diameter:7.88 inches Hole	/D)		Reference Ki	Elevations: B to GR/CF:		0 ft (KB) 0 ft (CF) 0 ft
Serial #: 8319Below (StradPress@RunDepth:psigStart Date:2012.07.09Start Time:16:25:05		2012.07.10 01:05:30	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.0 2012.07.1	
TEST COMMENT: IF-1/2" blow died ISI-No blow FF-No blow FSI-No blow	back to 1/4" blow					
Pressure vs. T	ime 8319 Temperature			JRE SUMN		
Bond Jul 2012	100 Interperature 100 Interpera	Time (Min.)	Pressure Temp (psig) (deg F		ion	
Recovery				Bas Rates		
Length (ft)         Description           15.00         SOCM 10%O 90%m	Volume (bbl) 0.07		Chok	e (inches) Press	sure (psig)	Gas Rate (Mcf/d)
Trilobite Testing, Inc.	Ref. No: 49267			d: 2012.07.1		

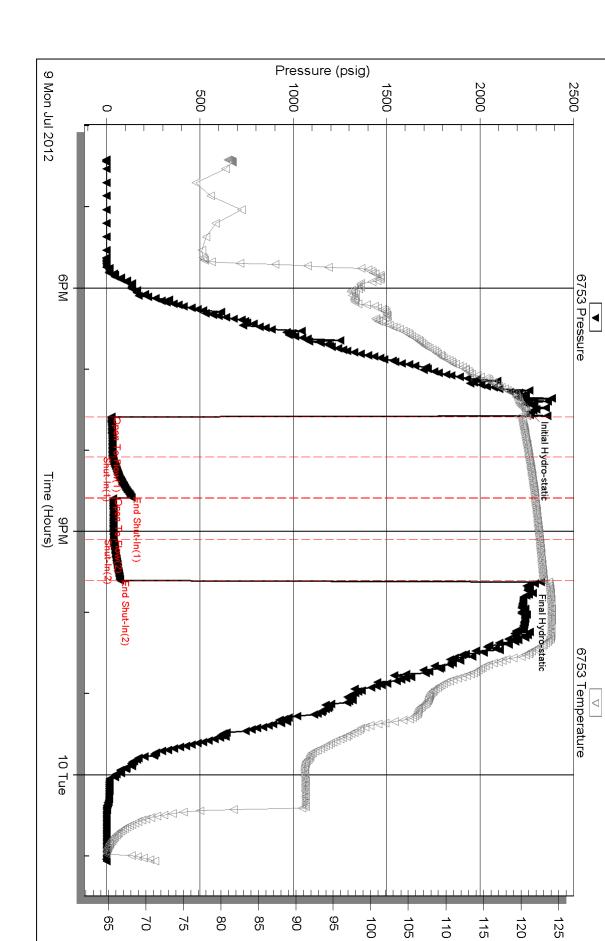
RILOB	ITF 🗕			MTEST			TOOL DIAGRA
		America	n Warrior Inc			33-21s-24w Hoc	lgeman,KS
		PO Box 3 Garden (	399 City KS 6784	6		James Sorem	#1-33 DST#:1
		ATTN:	Harley Sayle	S		Test Start: 2012.07	-
Tool Information							
1 0	4378.00 ft Dia			ches Volume:	61.41 bbl	0	2500.00 lb
Heavy Wt. Pipe: Length:	0.00 ft Dia			ches Volume:	0.00 bbl	-	acker: 25000.00 lb
Drill Collar: Length:	190.00 ft Dia	ameter:	-	ches Volume:	0.93 bbl		ose: 76000.00 lb 0.00 ft
rill Pipe Above KB:	26.00 ft			Total Volume:	62.34 bbl	String Weight: Ir	
Pepth to Top Packer:	4569.00 ft						inal 76000.00 lb
•	4637.00 ft						
terval betw een Packers:	68.00 ft						
ool Length:	153.00 ft		·				
lumber of Packers: ool Comments:	3 Dia	ameter:	6.75 in	ches			
Fool Description	Lengt	h (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
hange Over Sub	1	.00			4543.00		
Shut In Tool	5	.00			4548.00		
lydraulic tool	5	.00			4553.00		
ars	5	.00			4558.00		
afety Joint	2	.00			4560.00		
acker	4	.00			4564.00	27.00	Bottom Of Top Packe
acker	5	.00			4569.00		
tubb	1	.00			4570.00		
erforations	5	.00			4575.00		
hange Over Sub	1	.00			4576.00		
lank Spacing	31	.00			4607.00		
hange Over Sub		.00			4608.00		
ecorder		.00	8369	Inside	4608.00		
		.00	6753	Outside	4608.00		
ecoraer		.00			4633.00		
	25					68.00	Tool Interva
erforations		.00			4637.00	00.00	
erforations lank Off Sub	4	.00			4637.00 4641.00	00.00	
ecorder erforations blank Off Sub acker stubb	4	.00			4641.00	00.00	
erforations lank Off Sub acker tubb	4 4 1	.00 .00	8319	Below	4641.00 4642.00	00.00	
erforations lank Off Sub acker tubb ecorder	4 4 1 0	.00 .00 .00	8319	Below	4641.00 4642.00 4642.00	00.00	
erforations lank Off Sub acker tubb ecorder erforations	4 4 1 0 17	.00 .00 .00 .00	8319	Below	4641.00 4642.00 4642.00 4659.00	00.00	
erforations lank Off Sub acker tubb lecorder erforations thange Over Sub	4 4 1 0 17 1	.00 .00 .00 .00 .00	8319	Below	4641.00 4642.00 4642.00 4659.00 4660.00	00.00	
erforations lank Off Sub acker tubb ecorder erforations hange Over Sub lank Spacing	4 4 1 0 17 1 31	.00 .00 .00 .00 .00 .00	8319	Below	4641.00 4642.00 4642.00 4659.00 4660.00 4691.00	00.00	
erforations lank Off Sub acker tubb ecorder erforations hange Over Sub lank Spacing hange Over Sub	4 4 0 17 1 31 31	.00 .00 .00 .00 .00 .00 .00	8319	Below	4641.00 4642.00 4659.00 4660.00 4691.00 4692.00		Bottom Packars & Anchor
erforations lank Off Sub	4 4 1 0 17 1 31 31 31 3	.00 .00 .00 .00 .00 .00	8319	Below	4641.00 4642.00 4642.00 4659.00 4660.00 4691.00	58.00	Bottom Packers & Anchor

(INT	RILOBITE	DRI	LL S	TEMTESTR	EPORT	-		FLUID S	UMMARY
		Americ	an Warrio	or Inc.		33-21s-24v	w Hodgema	n,KS	
	ESTING , INC.	PO Box Garder	399 City KS	67846		James So Job Ticket: 4	orem #1-33	DST#:1	
		ATTN:	Harley S	Sayles			2012.07.09 @ 1		
Mud and Cus	hion Information								
Mud Weight: Viscosity: Water Loss: Resistivity: Salinity:	Chem 10.00 lb/gal 55.00 sec/qt 9.58 in <sup>3</sup> ohm.m 3600.00 ppm			Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:		ft bbl psig	Oil API: Water Salinity	:	deg API ppm
Filter Cake: Recovery Info	inches								
Recovery mit	Jination		F	Recovery Table					
	Lengt ft	h		Description		Volume bbl	]		
		15.00	SOCM '	10%O 90%m		0.074	4		
	Total Length: Num Fluid Samp		.00 ft	Total Volume: Num Gas Bombs:	0.074 bbl				
	Recovery Com	nents:							

Printed: 2012.07.18 @ 10:35:05

Ref. No: 49267

Trilobite Testing, Inc



Temperature (deg F)

Serial #: 6753 Outside American Warrior Inc.

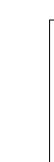
James Sorem #1-33

Pressure vs. Time

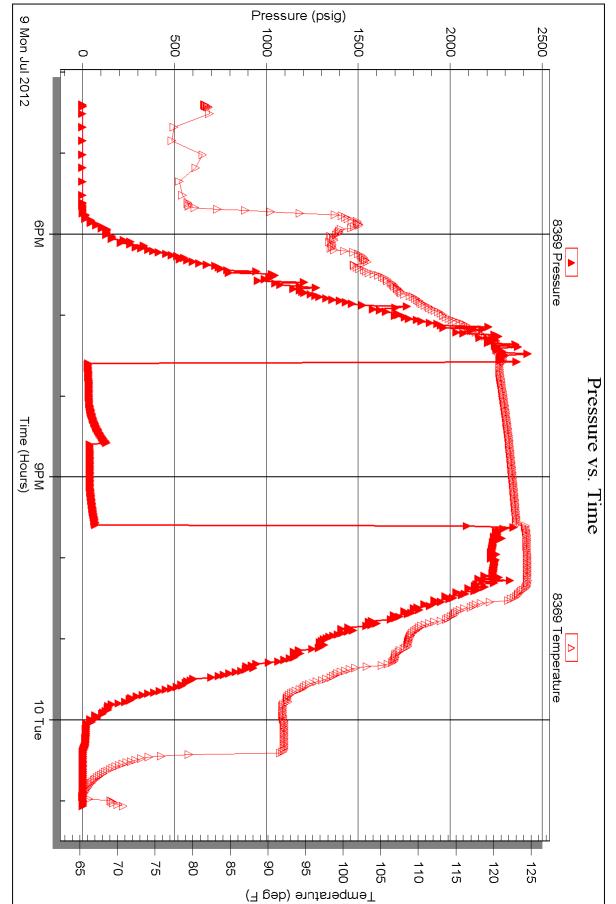
DST Test Number: 1

Printed: 2012.07.18 @ 10:35:05

Ref. No: 49267



Trilobite Testing, Inc



American Warrior Inc.

Serial #: 8369

Inside

James Sorem #1-33

DST Test Number: 1

Printed: 2012.07.18 @ 10:35:05

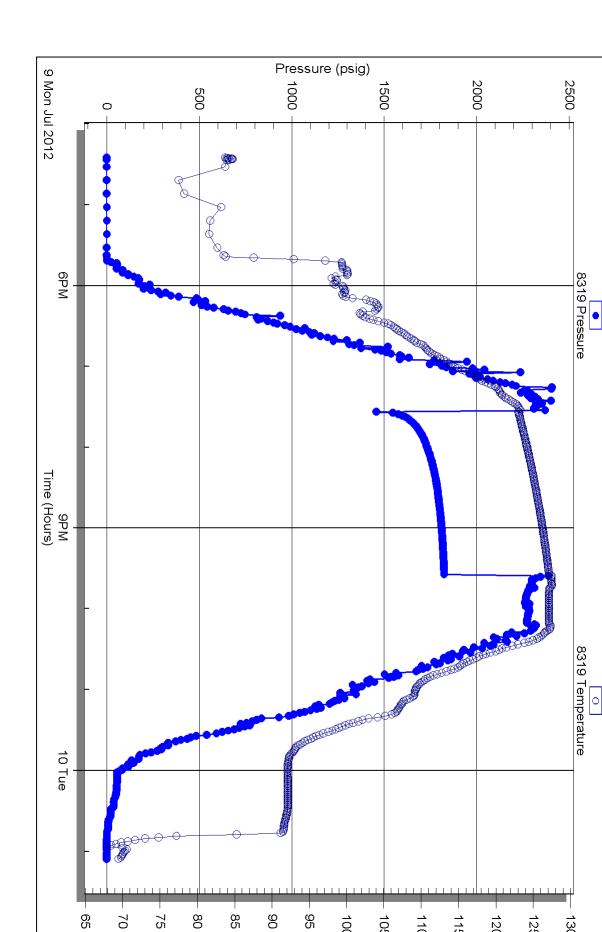
70

75

о Сл

Ref. No: 49267

Trilobite Testing, Inc



110

105

100

Temperature (deg F)

115

120

Serial #: 8319 Below (Stractottei)tan Warrior Inc.

James Sorem #1-33

Pressure vs. Time

DST Test Number: 1

130

125

RILOBITE			Test 1	<b>Ficket</b>	
4/10 ESTING INC P.O. Box 1733 • Hay			NO. 49	267	8
Address <u>PO Box 399 Ga</u> Co. Rep / Geo. <u>Har</u> ' <u>Sagles</u> Location: Sec. <u>33</u> Twp. <u>21</u> Interval Tested <u>4569 - 4637</u> Anchor Length <u>68</u> Top Packer Depth <u>4564</u> , 4569 Bottom Packer Depth <u>4637</u> Total Depth <u>4692</u> Blow Description <u><math>FF - \frac{15}{2}</math></u> , <u><math>blow</math></u> TST - N blow	Rge. <u>2</u> <u>4</u> Zone Tested <u>2</u> Drill Pipe Run <u>4</u> Drill Collars Run <u>4</u> Wt. Pipe Run <u>5</u> Chlorides <u>3,6 e</u>	<u>S 678</u> <u>Rig Pake</u> <u>Co. Hodge</u> herokee S 4378 190 <u>ppm</u>	462 46 #5 Men √I. Mu Vis WL	State <del>/</del>	2_GL - S
FF - Noble- FSI - N blow Rec 15 Feet of SOCM		%gas	<i>to</i> %oil	%water	90 %mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec         Feet of           Rec Total         15         BHT 123	Gravity Al	%gas	%oil	%water	%mud
(A) Initial Hydrostatic       2270         (B) First Initial Flow       2-6         (C) First Final Flow       32         (D) Initial Shut-In       134         (E) Second Initial Flow       35         (F) Second Final Flow       38         (G) Final Shut-In       73         (H) Final Hydrostatic       2256         Initial Open       30         Final Flow       30         Final Shut-In       30	Test _ 1250         Jars _ 250         Safety Joint _ 75         Circ Sub         Hourly Standby         Mileage _ 196 r         Sampler         Straddle _ 600         Shale Packer         Extra Packer         Extra Recorder         Day Standby         Accessibility	+ 303.80	T-Started _ T-Open T-Pulled T-Out Comments  Ruined Buined Sub Total _ Total _ 247	<u>j 9 ; 2 </u> <u>2 / , 2 5</u> <u>1 : 0 0</u> I Shale Packer_ I Packer_ Dopies 0 78.80	5
	Sub Total		MP/DST1	Disc't	1
Approved By		Representative_/	Burg	)	

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