

Kansas Corporation Commission Oil & Gas Conservation Division

1155377

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:	SecTwpS. R				
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: ()	□NE □NW □SE □SW				
CONTRACTOR: License #	County:				
Name:	Lease Name: Well #:				
Wellsite Geologist:	Field Name:				
Purchaser:	Producing Formation:				
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.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt				
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 Conv. to GSW	Chloride content: ppm Fluid volume: bbls Dewatering method used:				
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 #:	Quarter Sec TwpS. R				
ENHR Permit #:	County: Permit #:				
GSW Permit #:	. 5				
Spud Date or Date Reached TD Completion Date or 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



Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	ssures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weigi Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent dditives
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Purpose: Depth Type of Cement Perforate Protect Casing Plug Back TD		# Sacks	Used		Type and	Percent Additives			
Shots Per Foot	PERFORATI Specify I	ON RECORD - Footage of Each	Bridge Plugs Interval Perfo	s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d 	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	COMPLET	ION:		PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open	Hole Specify)	Perf.	Dually (nmingled mit ACO-4)			

Form	ACO1 - Well Completion		
Operator	American Warrior, Inc.		
Well Name	Schugart 2-26 Unit		
Doc ID	1155377		

Tops

Name	Тор	Datum
Anhydrite	1478	723
Heebner	3655	-1454
Lansing	3702	-1501
Base Kansas City	4027	-1826
Pawnee	4116	-1915
Ft. Scott	4186	-1985
Cherokee	4207	-2006
Mississippian	4273	-2072
TD	4290	-2089

Geological Report

American Warrior, Inc.
Schugart #2-26 Unit
1400' FNL & 150' FWL
Sec. 26 T18s R22w
Ness County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc.
	Schugart #2-26 Unit

1400' FNL & 150' FWL Sec. 26 T18s R22w Ness County, Kansas API# 15-135-25575-0000

Drilling Contractor: Petromark Drilling, LLc. Rig #1

Geologist: Jason T Alm

Spud Date: April 19, 2013

Completion Date: April 26, 2013

Elevation: 2195' Ground Level

2201' Kelly Bushing

Directions: Bazine KS, 2 ½ mi. West on Hwy 96, ¾ mi. North

on BB Rd. East into location.

Casing: 222' 8 5/8" surface casing

Samples: 10' wet and dry, 3900' to RTD

Drilling Time: 3600' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Jim Svaty"

Problems: An error was made in the pipe tally at 3509'.

Remarks: All tops reported after the error have a 31 ft.

correction.

Formation Tops

American Warrior, Inc.
Schugart #2-26 Unit
Sec. 26 T18s R22w
1400' FNL & 150' FWL
1478', +723
1510', +691
3655', -1454
3702', -1501
4027', -1826
4116', -1915
4186', -1985
4207', -2006
4273', -2072
4290', -2089

Sample Zone Descriptions

Mississippian Osage (4273', -2072): Covered in DST #1

Dolo – Δ – Fine sucrosic crystalline with poor to fair intercrystalline porosity, very heavy slightly triptolic chert, mostly fresh with scattered fair to good vuggy porosity, light spotted oil stain in porosity, slight show of free oil, fair odor, good scattered yellow fluorescents, 20-23 units hotwire.

Drill Stem Tests

Trilobite Testing, Inc. "Jim Svaty"

DST #1 Mississippian Osage

Interval (4233' – 4290') Anchor Length 57'

IHP - 2167 #

IFP - 30" - B.O.B. 19 min. 25-138 #
ISI - 30" - Dead 1304 #
FFP - 30" - B.O.B. 21 ½ min. 136-200 #
FSI - 30" - Dead 1297 #

FHP - 2063 # BHT - 116°F

Recovery: 95' OCM 5% Oil

63' OWCM 15% Oil, 15% Water 126' OWCM 2% Oil, 43% Water

120' MCW 85% Water

Structural Comparison

	American Warrior, Inc. Schugart #2-26 Unit	American Warrior, Inc. Schugart #1-26			
	Sec. 26 T18s R22w	Sec. 26 T18s R22w			
Formation	1400' FNL & 150' FWL	2090' FNL & 1400' FWL	_	2290' FNL & 1830' FEL	
Anhydrite	1478', +723	1442', +729	(-6)	1479', +721	(+2)
Base	1510', +691	1475', +696	(-5)	1512', +688	(+3)
Heebner	3655', -1454	3624', -1453	(-1)	3651', -1451	(-3)
Lansing	3702', -1501	3678', -1497	(-4)	3696', -1496	(-5)
BKc	4027', -1826	3992', -1821	(-5)	4028', -1828	(-2)
Pawnee	4116', -1915	4080', -1909	(-6)	4112', -1912	(-3)
Fort Scott	4186', -1985	4155', -1984	(-1)	4186', -1986	(+1)
Cherokee	4207', -2006	4176', -2005	(-1)	4207', -2007	(+1)
Mississippian	4273', -2072	4251', -2080	(+8)	4278', -2078	(+6)

Summary

The location for the Schugart #2-26 Unit was found via 3-D seismic survey. The new well ran structurally as expected via the survey. 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 Schugart #2-26 Unit well.

Respectfully Submitted,

Jason T Alm Hard Rock Consulting, Inc.

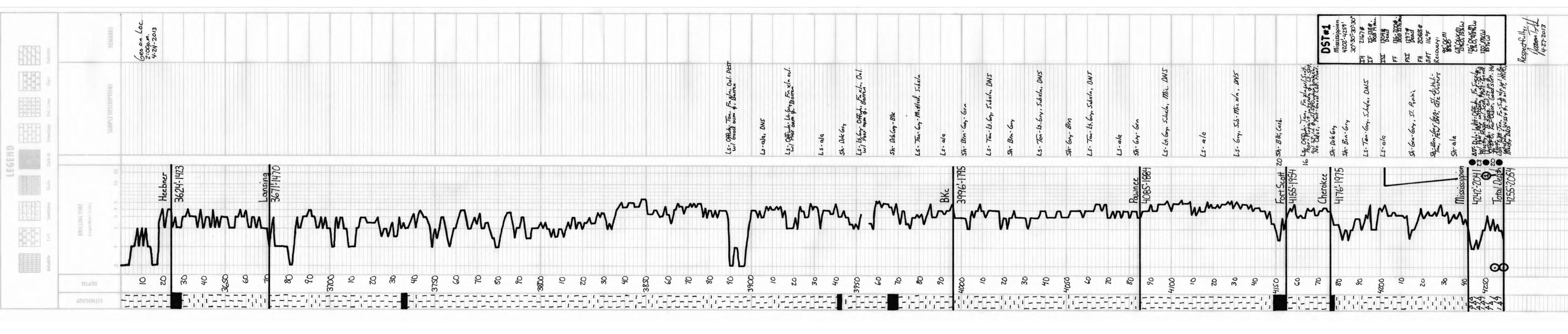


Geologic Report

Drilling Time and Samp

-			,			1111	2201	
Lease Schu	ıgaı	rt		No. 2-2	26 Unit	DF GL	2195'	
API # 15-1	35-2	25575-0	000			Casi Surface	ng Record	
Field Wild	cat	7				/8" @ 222' on		
Location 14	100'	FNL 8	2 150' F	WL		None Electrical Surveys		
Sec. 26 Twp.			18s Rge. 22w			None		
County	Ne	ess	State	Kans	sas			
Form	atio	n	Log Tops		Sampl	e Tops	Struct Comp	
Anhydrite					1478'	+723	-6	
Base						+691	-5	
Heebner					3655'	-1454	-1	
Lansing					3702'	-1501	-4	
BKc					4027'	-1826	-5	
Pawnee					4116'	-1915	-6	
Fort Scott					4186'	-1985	-1	
Cherokee					4207'	-2006	-1	
Mississippian					4273'	-2072	+8	
Total Depth					4290'	-2089		
D 0 477.44	-	a						
Reference Well 2090' FNL & 140			-			ic. Schuga	ort #1-26	

	Drilling Contractor	r	Petromark Di	rilling, LLc. I	Rig #1
	Commenced	4-19-201	Con	pleted	4-26-2013
t	Samples Saved Fro	om	3900'	To	RTD
og	Drilling Time Kep	Drilling Time Kept From			RTD
	Samples Examined	l From	3900'	To	RTD
	Geological Superv	ision From	3900'	To	RTD
evation 2201'] ' '				
2195'	Displacement	3500'	Mud Type	Chemical	
g Record	7				
' @ 222'		Summa	ry and Recor	mmendatio	ns
n None	77L - 1 1	C 41 C	.h.v.aan4 #1 26	van Court I!	2 D selemile
cal Surveys			_		3-D seismic survey.
Cai Surveys None					ey. One drill stem ered data had been
None			_		duction casing to
				_	
	Turther evalua	ne me schu;	gart #1-26 well.		
	- Turther evalua	ne the Schu	gart #1-20 wen.		
Struct Com	4	ne the Schu	gart #1-20 wen.		
Struct Com	4	ne me schu	gart #1-20 weii.		
Struct Com	4	ne the Schu	gart #1-20 weii.		
	p				was made in tally - Al
-6	Many sample	tops have be	een corrected, a	ı 31 ft. error v	was made in tally. Al
-6	Many sample	tops have be		ı 31 ft. error v	was made in tally. Al
-6 -5	Many sample	tops have be	een corrected, a	ı 31 ft. error v	was made in tally. Al
-6 -5	Many sample	tops have be	een corrected, a	ı 31 ft. error v	was made in tally. Al
-6 -5 -1 -4	Many sample	tops have be	een corrected, a	ı 31 ft. error v	was made in tally. Al
-6 -5 -1 -4 -5	Many sample	tops have be	een corrected, a	ı 31 ft. error v	was made in tally. Al
-6 -5 -1 -4 -5 -6	Many sample	tops have be	een corrected, a	ı 31 ft. error v	was made in tally. Al
-6 -5 -1 -4 -5 -6 -1	Many sample	tops have be	een corrected, a	ı 31 ft. error v	was made in tally. Al
-6 -5 -1 -4 -5 -6 -1	Many sample	tops have be	een corrected, a	a 31 ft. error v 31 ft.	was made in tally. Al
-6 -5 -1 -4 -5 -6 -1 -1	Many sample	tops have be	een corrected, a	a 31 ft. error v 31 ft.	
-6 -5 -1 -4 -5 -6 -1	Many sample	tops have be	een corrected, a	a 31 ft. error v 31 ft.	tfully Submitted,





Prepared For: American Warrior Inc.

PO Box 399 Garden City, KS 67646

ATTN: Jason Alm

Schugart #2-26 Unit

26 18s 22w Ness,KS

Start Date: 2013.04.26 @ 07:47:00 End Date: 2013.04.26 @ 14:26:00 Job Ticket #: 53613 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



American Warrior Inc.

26 18s 22w Ness, KS

Schugart #2-26 Unit

PO Box 399

Job Ticket: 53613

Tester:

Garden City, KS 67646

DST#: 1

ATTN: Jason Alm

Test Start: 2013.04.26 @ 07:47:00

Jim Svaty

GENERAL INFORMATION:

Formation: Mississippian

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Initial) ft (KB)

Time Tool Opened: 10:05:00 Time Test Ended: 14:26:00

Interval: 4202.00 ft (KB) To 4259.00 ft (KB) (TVD)

Total Depth: 4259.00 ft (KB) (TVD)

7.88 inches Hole Condition: Poor Hole Diameter:

Unit No: 41

Reference Elevations: 2201.00 ft (KB) 2195.00 ft (CF)

> KB to GR/CF: 6.00 ft

Serial #: 6752 Inside

Press@RunDepth: 4223.00 ft (KB) 200.09 psig @ Capacity: 8000.00 psig

Start Date: 2013.04.26 End Date: 2013.04.26 Last Calib.: 2013.04.26 Start Time: 07:47:01 End Time: 14:25:50 Time On Btm: 2013.04.26 @ 10:04:50

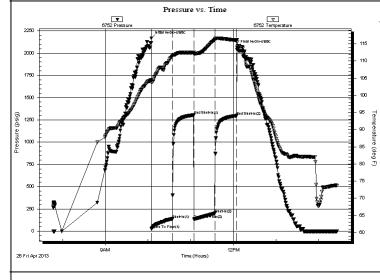
Time Off Btm: 2013.04.26 @ 12:05:10

TEST COMMENT: 30-IFP- BOB in 19 min.

30-ISIP- No Blow

30-FFP- BOB in 21 1/2 min.

30-FSIP- No Blow



PRESSURE S	SUMMARY
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-				
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2167.43	104.37	Initial Hydro-static
	1	25.52	103.72	Open To Flow (1)
	30	138.14	111.36	Shut-In(1)
	60	1304.06	112.48	End Shut-In(1)
	60	136.36	112.24	Open To Flow (2)
	90	200.09	116.15	Shut-In(2)
	120	1297.04	116.06	End Shut-In(2)
1	121	2063.10	116.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCW 15%m 85%w	0.59
126.00	OWCM 2%o 43%w 55%m	1.77
63.00	OWCM 15%o 15%w 70%m	0.88
95.00	OCM 5%o 95%m	1.33

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc. Ref. No: 53613 Printed: 2013.04.29 @ 13:29:05



American Warrior Inc.

PO Box 399

Garden City, KS 67646

Job Ticket: 53613

26 18s 22w Ness, KS

Schugart #2-26 Unit

DST#: 1

ATTN: Jason Alm

Test Start: 2013.04.26 @ 07:47:00

41

GENERAL INFORMATION:

Formation: Mississippian

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 10:05:00 Time Test Ended: 14:26:00

Interval: 4202.00 ft (KB) To 4259.00 ft (KB) (TVD)

Total Depth: 4259.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Tester: Jim Svaty

Reference Elevations: 2201.00 ft (KB)

2195.00 ft (CF) KB to GR/CF: 6.00 ft

Serial #: 8322 Outside

Press@RunDepth: psig @ 4223.00 ft (KB) Capacity: 8000.00 psig

Start Date: 2013.04.26 End Date: 2013.04.26 Last Calib.: 2013.04.26

 Start Time:
 07:47:01
 End Time:
 14:26:00
 Time On Btm:

Time Off Btm:

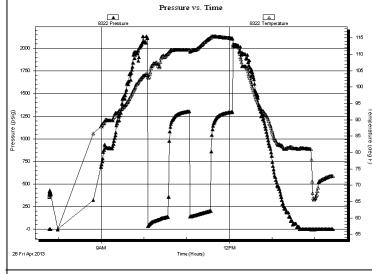
Unit No:

TEST COMMENT: 30-IFP- BOB in 19 min.

30-ISIP- No Blow

30-FFP- BOB in 21 1/2 min.

30-FSIP- No Blow



PRESSURE SU	JMMARY
-------------	--------

	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
Ten				
Temperature (deg F)				
T				

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCW 15%m 85%w	0.59
126.00	OWCM 2%o 43%w 55%m	1.77
63.00	OWCM 15%o 15%w 70%m	0.88
95.00	OCM 5%o 95%m	1.33

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc Ref. No: 53613 Printed: 2013.04.29 @ 13:29:06



3.80 inches Volume:

TOOL DIAGRAM

American Warrior Inc.

26 18s 22w Ness, KS

PO Box 399

Schugart #2-26 Unit

Garden City, KS 67646

Job Ticket: 53613 DST#: 1

ATTN: Jason Alm

Test Start: 2013.04.26 @ 07:47:00

Tool Information

Drill Pipe: Length: 4064.00 ft Diameter: Heavy Wt. Pipe: Length: 0.00 ft Diameter: Drill Collar: Length: 120.00 ft Diameter:

57.01 bbl 2.75 inches Volume: 0.00 bbl Tool Weight: 2500.00 lb Weight set on Packer: 25000.00 lb Weight to Pull Loose: 70000.00 lb

Drill Pipe Above KB: 9.00 ft Depth to Top Packer: 4202.00 ft 2.25 inches Volume: 0.59 bbl Total Volume: 57.60 bbl

Tool Chased 0.00 ft String Weight: Initial 64000.00 lb

Depth to Bottom Packer: ft Final 66000.00 lb

Interval between Packers: 57.00 ft Tool Length: 84.00 ft

Number of Packers: 2 Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4180.00		
Hydraulic tool	5.00			4185.00		
Jars	5.00			4190.00		
Safety Joint	2.00			4192.00		
Packer	5.00			4197.00	27.00	Bottom Of Top Packer
Packer	5.00			4202.00		
Stubb	1.00			4203.00		
Perforations	20.00			4223.00		
Recorder	0.00	6752	Inside	4223.00		
Recorder	0.00	8322	Outside	4223.00		
Change Over Sub	1.00			4224.00		
Blank Spacing	31.00			4255.00		
Change Over Sub	1.00			4256.00		
Bullnose	3.00			4259.00	57.00	Bottom Packers & Anchor

Total Tool Length: 84.00

Trilobite Testing, Inc Ref. No: 53613 Printed: 2013.04.29 @ 13:29:07



FLUID SUMMARY

American Warrior Inc. 26 18s 22w Ness, KS

PO Box 399

Schugart #2-26 Unit

Garden City, KS 67646

Job Ticket: 53613 **DST#:1**

ATTN: Jason Alm Test Start: 2013.04.26 @ 07:47:00

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity: 28000 ppm

Viscosity: 48.00 sec/qt Cushion Volume: bbl

Water Loss: 7.58 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 7700.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MCW 15%m 85%w	0.590
126.00	OWCM 2%o 43%w 55%m	1.767
63.00	OWCM 15%o 15%w 70%m	0.884
95.00	OCM 5%o 95%m	1.333

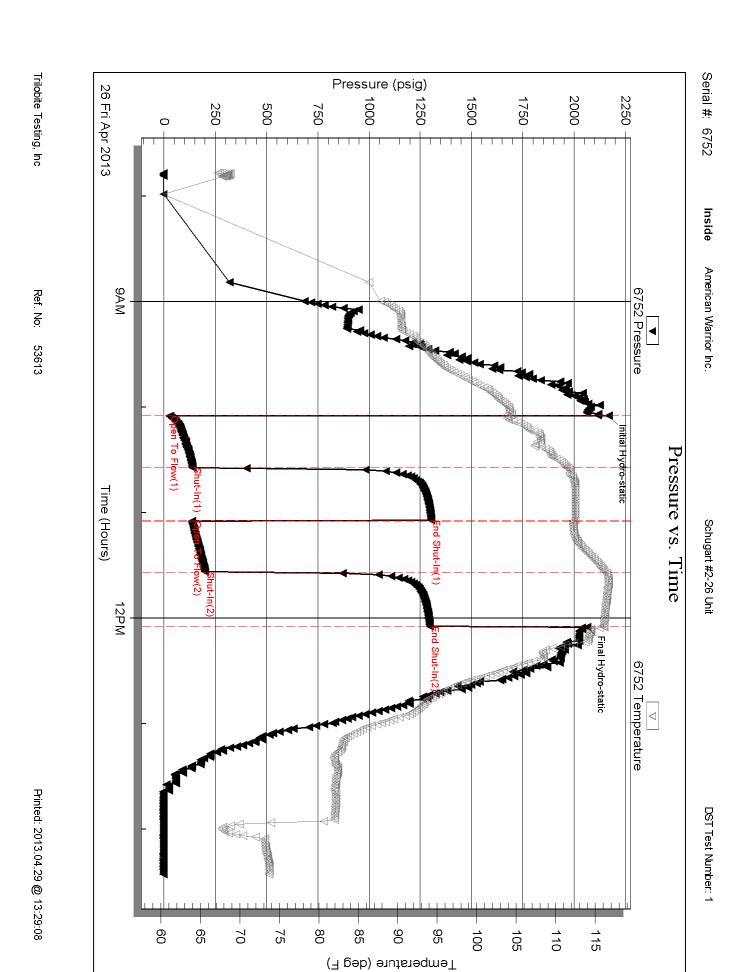
Total Length: 404.00 ft Total Volume: 4.574 bbl

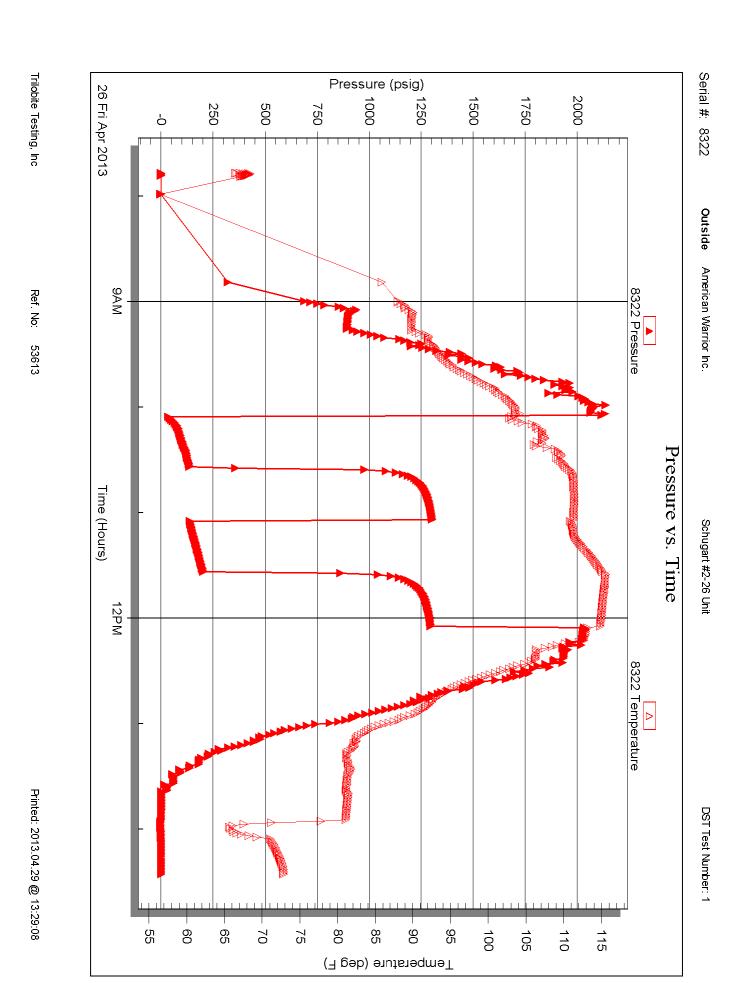
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: .280 @ 70 $\,$

Trilobite Testing, Inc Ref. No: 53613 Printed: 2013.04.29 @ 13:29:07







RILOBITE ESTING INC. 1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53613

4/10		
Well Name & No. Schugart Uni	+ # 2-26 Test No	Date 4-26-13
Company American Warrior	.TNC, Elevation 2	20/ KB 2/95 GL
011	Box 399 Sharden City	Ks 67846
Co. Rep/Geo. TASON Alm	Rig Petro	mark Rig #1
Location: Sec. 26 Twp/8 3	Rge. 22 Co. Nes	
Interval Tested 4202 4259	Zone Tested Mississ	PPIAN
Anchor Length 57	Drill Pipe Run 4064	Mud Wt. <u>9, 3</u>
Top Packer Depth 4/97	Drill Collars Run	Vis
Bottom Packer Depth 4202	Wt. Pipe Run	wl_ 7,6
Total Depth 4259	Chlorides <u>7700</u> ppm S	system LCM
Blow Description IFP- BOBIN	19m/2	
ISIP- No Blow		
FFP- BOBIN &	21 /2 min.	··-
FSIP NOBLOW		
Rec 120 Feet of MCW	%gas	%oil 85 %water 15 %mud
Rec 126 Feet of ONCM	%gas <i>2</i>	. %oil 43,%water 55,%mud
Rec 63 Feet of OWCM	%gas /5	%oil 15 %water 70 %mud
Rec 95 Feet of 0CM	%gas <i>5</i>	%oil %water 95 %mud
RecFeet of	%gas	%oil %water %mud
Rec Total 404 BHT 116	Gravity API RW $.280$ @ _	70°F Chlorides 2000 ppm
(A) Initial Hydrostatic2167	Test 1250	T-On Location 031/5
(B) First Initial Flow 25	Jars 250	T-Started
(C) First Final Flow	Safety Joint75	T-Open 10:05
(D) Initial Shut-In 1304	Circ Sub	T-Pulled / 2, 03
(E) Second Initial Flow	☐ Hourly Standby	T-Out
(F) Second Final Flow	Mileage 108 RT 167.40	Comments
(G) Final Shut-In	Sampler	**************************************
(H) Final Hydrostatic 2063	☐ Straddle	☐ Ruined Shale Packer
00	☐ Shale Packer	☐ Ruined Packer
Initial Open	□ Extra Packer	☐ Extra Copies
Initial Shut-In	□ Extra Recorder	Sub Total0
Final Flow	☐ Day Standby	Total1742.40
Final Shut-In30	☐ Accessibility	MP/DST Disc't
	Sub Total 1742.40	79 4
Approved By	Our Representative	Juffral 48
Trilobite Testing Inc. shall not be liable for damaged of any kind of the property of equipment, or its statements or opinion concerning the results of any test, tools	r personnel of the one for whom a test is made, or for any loss sy lost or damaged in the hole shall be paid for at cost by the party fo	Hered or sustained directly or indirectly, through the use of its or whom the test is made.

ALLIED OIL & GAS SERVICES, LLC 060392

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SERVICE POINT: **SOUTHLAKE, TEXAS 76092** Must ON LOCATION CALLED OUT JOB START DATE 4-20-13 7:00 PM MOSION STATE PM LOCATION Bozine 2 West to BBB New OLD ORNEW (Circle one) East Side CONTRACTOR Stromb + OWNER Same TYPE OF JOB Suloce HOLE SIZE 12 14" T.D. 226. 24' **CEMENT** CASING SIZE ? 5/9 320cc 220 AD Class A DEPTHAAI.95 **TUBING SIZE** DEPTH DRILL PIPE **DEPTH** TOOL DEPTH PRES. MAX <u>MINIMUM</u> @_ COMMON MEAS. LINE SHOE JOINT POZMIX @ CEMENT LEFT IN CSG. \5' GEL @ CHLORIDE @ DISPLACEMENT 13.1 bb1s ASC @ @ **EQUIPMENT** @ @ **PUMP TRUCK** CEMENTER _ @ #lock HELPER @ **BULK TRUCK** @ # 599 DRIVER @_ **BULK TRUCK** _____@_ DRIVER _____@__ HANDLING MILEAGE ___ **REMARKS**: TOTAL _ **SERVICE** Soce 250 Mal. Demland is DEPTH OF JOB 221.95 H30 PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE @ MANIFOLD ___ @ CHARGE TO: TOTAL _____ STREET _ _STATE __ **PLUG & FLOAT EQUIPMENT** 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 TOTAL ____ done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL SALES TAX (If Any) TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGES _____ DISCOUNT ______ IF PAID IN 30 DAYS SIGNATURE X

ALLIED OIL & GAS SERVICES, LLC 059096 Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092		SERVICE POINT:
DATE 4-24-13 SEC. 185 RANGE 22 0	CALLED OUT ON LOCAT	ION JOB START JOB FINISH Soo Pr
LEASE Schusa- + WELL # 2-26 LOCATION B-2.	ine Zwest Ta	COUNTY STATE
OLD ORNEW (Circle one)	E431 1-T1	
CONTRACTOR PEA-AMALK Bis 1		can warring.
TYPE OF JOB Kotocy Plus		
HOLE SIZE 7 Y T.D. 5257 CASING SIZE DEPTH	CEMENT	230 SX 60/4014
DEPTH DEPTH	+ q + lose 1	COOK GONYON
DRILL PIPE 42 DEPTH 1596		######################################
TOOL DEPTH		
PRES. MAX MINIMUM MEAS. LINE SHOE JOINT	COMMON	@
MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG.	POZMIX	@
PERFS.	CHLORIDE	
DISPLACEMENT 10 BBLS water 12 mod	ASC	@
EQUIPMENT		
PUMPTRUCK CEMENTER Ways Dawn	>	
# 398 HELPER JOS ISS A	· · · · · · · · · · · · · · · · · · ·	@
BULK TRUCK		@
#GO9 DRIVER MOC! N		
BULK TRUCK		@
# DRIVER	HANDLING	@
	MILEAGE	
1 Phy 1520 Rua 3BBL ALTON M. X 50 St Displace swater 12BBLS MOUSE MIX 805X		RVICE
3-d Plus 240 Mix 505X	PUMP TRUCK CHARGE	
4+ Dus Go Mix 200x	EXTRA FOOTAGE	
Kathole 305x	MILEAGE	
	MANIFOLD	<u> </u>
		@
CHARGE TO: A Marican waring		
STREET		TOTAL
CITYSTATEZIP		
	PLUG & FL	OAT EQUIPMENT
		@
To: Allied Oil & Gas Services, LLC.	er en en en e	@
You are hereby requested to rent cementing equipment		0
and furnish cementer and helper(s) to assist owner or		<u> </u>
contractor to do work as is listed. The above work was		
done to satisfaction and supervision of owner agent or		TOTAL
contractor. Lhave read and understand the "GENERAL		
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)	
	TOTAL CHARGES	
PRINTED NAME JOVER L. HINET	DESCOUNT	IF PAID IN 30 DAY:
SIGNATURE LEGEN Tragen		
The second of the second		



CEMENTING LOG

STAGE NO.

)ate	Distri	ct (c. e.)	, + , -, +,	cket No	1 1	Spacer Type:
ompany ^		Wass	Ri	g bet-ru	. a. 12	Amt. Sks Yield ft³/sk Density P
1050 <u> </u>	haran	+	W	Aell No. 22	6	The second secon
ounty 🙏	C.E.	414		tate 45		
ocation		14-22		ou Raz		LEAD: Pump Time hrs. Type 60 / 40 / 4
ACINO DATA	1 To Ki		e-th		<u>. Tr</u>	Gel + Ty +10 Excess
ASING DATA:			=	_		Amt. 230 Sks Yield 1. 40 ft 3/sk Density / 4.5 Pt
- 44 -	Surface	_	_		ner 🗌	TAIL: Pump Time hrs. Type
ze	Type	Wei	ght	Collar		Excess*
			· · ·			Amt Sks Yield ft ³ /sk Densitypp
<u></u>						-WATER: Lead gals/sk Tail gals/sk Total 8t
eing Depths: 1	m - 11	3	Bottom	52.59		Pump Trucks Used 59%
and the property of	<u> </u>	10	_ BOLLOIN			Pump Trucks Used
	10-5	V	~ t	0	Y ,	Boile Edulp.
i de			0	12-		The state of the s
ill Pipe: Size _		Weight		Collars		Y C &
				P.B. to	ft.	Float Equip: Manufacturer
PACITY FACTO		•				Shoe: Type Depth
sing:	Bbls/Lin. ft		Lin. ft./B	Ы		Float: Type Denth
en Holes:	Bbls/Lin. ft		Lin. ft./B	ы		Centralizers: Quantity Plugs Top Btm
Il Pipe:	Bbls/Lin. ft. 15	2142	Lin. ft./B	bl		Stage Collars
inulus:	Bbls/Lin. ft		Lin. ft./B	bl		Special Equip.
	Bbls/Lin. ft		Lin. ft./B	bl	*	Disp. Fluid Type Amt Bbls. Weight PF
rforations: F	rom	ft. to)	ft. Amt		Mud Type Weight PF
			<i>*</i>	· .	,	and the control of the second
MPANY REPR	ESENTATIVE		,			CEMENTER
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TIME AM/PM	PRESSU	RES PSI	TOTAL	Pumped Per	RATE	
TIME ** AM/PM	PRESSU	RES PSI	TOTAL FLUID	Pumped Per Time Period	RATE	REMARKS ON TOD SYST HOUSE SPECTIONS SPECTIONS REMARKS
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TIME AM/PM	PRESSU DRILL PIPE CASING	RES PSI ANNULUS	TOTAL	Pumped Per Time Period	RATE Bbls Min.	REMARKS ON TOD SYST HOUSE SPECTIONS SPECTIONS REMARKS
TIME AM/PM	PRESSU DRILL PIPE CASING	RES PSI ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	REMARKS ON TODA SILLY HOUSELLEY SPORT TILLY SPORT TILLY ALKED JULY 1520 MINSO SX O'CPIQUE S ABLUMATO 12861 A
TIME AM/PM	PRESSU DRILL PIPE CASING	RES PSI ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	REMARKS ON TO DESTRUCT SPORT TIME VARIABLE 3 BBIS WALL A GEST Plus 15 20 Mr. 8 50 5 X
TIME AM/PM	PRESSU DRILL PIPE CASING	RES PSI ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	REMARKS ON TODAY AND SILLY MICH TIME VI AND SILLY SPECIAL TIME VI AND SILLY AND SILLY ON PROCESS ABLORISTS OF SX 2011 Place 690
TIME AM/PM	PRESSU DRILL PIPE CASING	RES PSI ANNULUS	32.46 34.46	Pumped Per Time Period	RATE Bbls Min.	REMARKS SPORT TIME VARIABLE SPORT TIME VARIABLE SPORT TIME VARIABLE SPORT TIME VARIABLE ALECT PLANT 1520 MIN 50 EX 201 Plant 690 Run 28615 mater Alect ALE
TIME AM/PM	PRESSU DRILL PIPE CASING	RES PSI ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	REMARKS ON TODAY AND SILLY MICH TIME VI AND SILLY SPECIAL TIME VI AND SILLY AND SILLY ON PROCESS ABLORISTS OF SX 2011 Place 690
TIME * AM/PM	PRESSU DRILL PIPE CASING	RES PSI ANNULUS	32.46 34.46 54.4	Pumped Per Time Period	RATE Bbls Min.	REMARKS CANTON SYNT HOUSENEY MICHING SPORT TIME VI. A. HOUSENEY SPORT TIME VI. A.
TIME AM/PM	PRESSU DRILL PIPE CASING	RES PSI ANNULUS	32.46 34.46	Pumped Per Time Period	RATE Bbls Min.	REMARKS SPORT TIME VARIABLE SPORT TIME VARIABLE SPORT TIME VARIABLE SPORT TIME VARIABLE ALECT PLANT 1520 MIN 50 EX 201 Plant 690 Run 28615 mater Alect ALE
TIME AM/PM	PRESSU DRILL PIPE CASING	RES PSI ANNULUS	32.46 34.46 54.4	Pumped Per Time Period	RATE Bbls Min.	REMARKS SPORT TIME VARIETY SPORT TIME VARIETY SPORT TIME VARIETY SPORT TIME VARIETY A VEST Place S ABLO WATER DEBLE VARIETY PRINT ABELS SONT AS OF SAR DISPLACE S ABLO WATER DEBLE VAR PRINT ABELS SONT AS OF SAR DISPLACE S ABLO WATER DEBLE VAR DISPLACE S
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TIME AM/PM	PRESSU DRILL PIPE CASING	RES PSI ANNULUS	32.46 34.46 54.4	Pumped Per Time Period	RATE Bbls Min.	REMARKS DAY TOD SILLY HOUSE SILLY SPORT TIME VARIETY SPORT TIME VARIETY A MEET A
TIME AM/PM	PRESSU DRILL PIPE CASING	RES PSI ANNULUS	32.46 34.46 34.46 54.4 58.4	Pumped Per Time Period 3 12.46 12.46 12.46	RATE Bbls Min.	REMARKS ONLY TO DE SINT A HOUSENEY MICHING SINT A HOUSENEY SPORT TIME UN FREE JULY 1520 MINSO SX DICPLACE S BBL WATER 12881: A 2 m. 1 Play 690 Run 7 BELS SANCE A HOUSE DISPLACE 4 BBLS 3-d Play 240 M. x 50 SX 60/40 148 Gelt 4 OIS Place 25 BBL
TIME AM/PM	PRESSU DRILL PIPE CASING	RES PSI ANNULUS	32.46 34.46 34.46 54.4 58.4	Pumped Per Time Period 3 12.46 12.46 12.46	RATE Bbls Min.	REMARKS ONLY TO DE SINT A HOUSENEY MICHING SINT A HOUSENEY SPORT TIME UN FREE JULY 1520 MINSO SX DICPLACE S BBL WATER 12881: A 2 m. 1 Play 690 Run 7 BELS SANCE A HOUSE DISPLACE 4 BBLS 3-d Play 240 M. x 50 SX 60/40 148 Gelt 4 OIS Place 25 BBL
TIME AM/PM	PRESSU DRILL PIPE CASING	RES PSI ANNULUS	32.46 32.46 34.46 54.4 70.86 71.11 76.07	Pumped Per Time Period 3 12.46 17 12.46 12.46 12.46	RATE Bbls Min.	REMARKS CANTAID SILLY HOUSELY MICHING SILLY ALECT JULY 1520 MINSO SX Displace S BBD water 12881: A 2 mi plus 690 Run 7 BELS water Abrad Mix 80 BX 60/40148 to 18 Displace 4885 3-d Plus 240 Mix 50 SX 60/40148 Gelt 7 Oisplace 25 BBD Ul Plus 6040t Mix 205X
TIME AM/PM	PRESSU DRILL PIPE CASING	RES PSI ANNULUS	32.46 32.46 34.46 54.4 70.86 71.11 76.07	Pumped Per Time Period 3 12.46 12.46 12.46	RATE Bbls Min.	REMARKS ONLY TO DE SINT A HOUSENEY MICHING SINT A HOUSENEY SPORT TIME UN FREE JULY 1520 MINSO SX DICPLACE S BBL WATER 12881: A 2 m. 1 Play 690 Run 7 BELS SANCE A HOUSE DISPLACE 4 BBLS 3-d Play 240 M. x 50 SX 60/40 148 Gelt 4 OIS Place 25 BBL