

#### Kansas Corporation Commission Oil & Gas Conservation Division

#### 1153208

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: Original Total Depth: Conv. to ENHR	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 #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
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 Name: _			Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clo	osed, flowing and shu es if gas to surface te	d base of formations pen t-in pressures, whether s st, along with final chart(s well site report.	hut-in pressure read	ched static level,	hydrostatic press	ures, bottom h	ole temperature, fluid
Drill Stem Tests Taker (Attach Additional		Yes No		og Formation	n (Top), Depth an	d Datum	Sample
Samples Sent to Geo	logical Survey	☐ Yes ☐ No	Nam	е		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
		Report all strings set-		ermediate, producti		T 2 .	
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIONAL	CEMENTING / SQL	JEEZE RECORD	I		
Purpose:  —— Perforate  —— Protect Casing  —— Plug Back TD	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
Plug Off Zone							
Shots Per Foot		DN RECORD - Bridge Plug Footage of Each Interval Perf			cture, Shot, Cement mount and Kind of Ma		d Depth
	<u> </u>						
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Meth		Gas Lift C	other (Explain)		
Estimated Production Per 24 Hours	Oil I	Bbls. Gas	Mcf Wat	er Bl	ols. G	Sas-Oil Ratio	Gravity
DISPOSITI	ON OF GAS:	N	METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:
Vented Solo	Used on Lease	Open Hole	Perf. Dually		nmingled mit ACO-4)		
(If vented, Su	bmit ACO-18.)	Other (Specify)	(Odbillit)	, (Gubi			

Form	ACO1 - Well Completion		
Operator	American Warrior, Inc.		
Well Name	Verlyn 1-26		
Doc ID	1153208		

### Tops

Name	Тор	Datum
Anhydrite	1423	738
Heebner	3614	-1453
Lansing	3660	-1499
Base Kansas City	3982	-1821
Pawnee	4071	-1910
Ft. Scott	4147	-1986
Cherokee	4168	-2007
MIssissippian	4235	-2074
TD	4146	-2085



Prepared For: American Warrior Inc

PO Box 399

Garden City KS 67846

ATTN: Scott Corsair

#### Verlyn #1-26

#### 26-18s-22w Ness,KS

Start Date: 2013.03.27 @ 22:01:38 End Date: 2013.03.28 @ 06:03:10 Job Ticket #: 48514 DST #: 1

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

Printed: 2013.03.29 @ 08:42:36



American Warrior Inc

26-18s-22w Ness, KS

PO Box 399

Verlyn #1-26 Job Ticket: 48514

DST#: 1

Garden City KS 67846

ATTN: Scott Corsair

Test Start: 2013.03.27 @ 22:01:38

#### GENERAL INFORMATION:

Formation: Miss

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

Time Tool Opened: 00:45:01 Tester: Jeff Brown 67

Time Test Ended: 06:03:10 Unit No:

Interval: 4237.00 ft (KB) To 4243.00 ft (KB) (TVD) Reference Elevations: 2161.00 ft (KB)

Total Depth: 4243.00 ft (KB) (TVD) 2155.00 ft (CF)

7.88 inches Hole Condition: Good KB to GR/CF: Hole Diameter: 6.00 ft

Serial #: 6625 Outside

Press@RunDepth: 4238.00 ft (KB) 200.21 psig @ Capacity: 8000.00 psig

Start Date: 2013.03.27 End Date: 2013.03.28 Last Calib.: 2013.03.28 Start Time: 22:02:01 End Time: 2013.03.28 @ 00:44:51 06:03:10 Time On Btm:

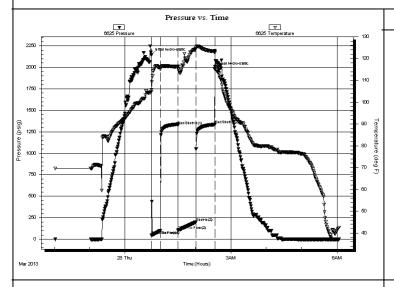
Time Off Btm: 2013.03.28 @ 02:32:40

TEST COMMENT: IFP-Good blow BOB in 6 1/4 min

ISI-Weak blow back built to 3 1/2"

FFP-Fair blow built to 8"

FSI-Weak surface blow Died out in 7 1/2 min



Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2142.19	105.57	Initial Hydro-static
1	48.69	104.67	Open To Flow (1)
16	99.35	115.00	Shut-In(1)
45	1326.12	116.32	End Shut-In(1)
46	104.68	116.00	Open To Flow (2)
76	200.21	124.53	Shut-In(2)
108	1334.61	123.16	End Shut-In(2)
108	1975.90	123.53	Final Hydro-static

#### Recovery

Length (ft)	Description	Volume (bbl)
119.00	119.00 MCWO 35%M 5%W 60%O	
403.00	Gassy Oil 25%G 75%O	5.65
0.00	353-GIP	0.00
-		-

#### Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc. Ref. No: 48514 Printed: 2013.03.29 @ 08:42:36



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

PO Box 399

Garden City KS 67846

ATTN: Scott Corsair

Verlyn #1-26

Job Ticket: 48514 DST#: 1

Test Start: 2013.03.27 @ 22:01:38

#### GENERAL INFORMATION:

Formation: Miss

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

Time Tool Opened: 00:45:01 Tester: Jeff Brown 67

Time Test Ended: 06:03:10 Unit No:

Interval: 4237.00 ft (KB) To 4243.00 ft (KB) (TVD) Reference Elevations: 2161.00 ft (KB)

Total Depth: 4243.00 ft (KB) (TVD) 2155.00 ft (CF)

7.88 inches Hole Condition: Good Hole Diameter: KB to GR/CF: 6.00 ft

Serial #: 8679 Inside

Press@RunDepth: 4238.00 ft (KB) 8000.00 psig psig @ Capacity:

Start Date: 2013.03.27 End Date: 2013.03.28 Last Calib.: 2013.03.28

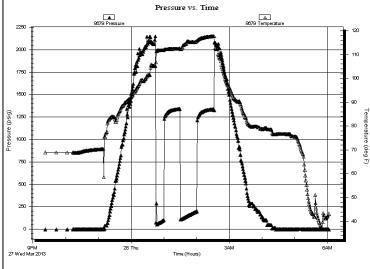
Start Time: 21:22:39 End Time: Time On Btm: 06:02:09 Time Off Btm:

TEST COMMENT: IFP-Good blow BOB in 6 1/4 min

ISI-Weak blow back built to 3 1/2"

FFP-Fair blow built to 8"

FSI-Weak surface blow Died out in 7 1/2 min



Ы	RESS	URE	SUMM	ARY

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

#### Recovery

Length (ft)	Description	Volume (bbl)
119.00	MCWO 35%M 5%W 60%O	0.59
403.00	Gassy Oil 25%G 75%O	5.65
0.00	353-GIP	0.00

#### Gas Rates

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

Trilobite Testing, Inc. Ref. No: 48514 Printed: 2013.03.29 @ 08:42:36



Total Volume:

**TOOL DIAGRAM** 

American Warrior Inc

26-18s-22w Ness, KS

PO Box 399

Verlyn #1-26

Garden City KS 67846

Job Ticket: 48514 DST#: 1

ATTN: Scott Corsair

Test Start: 2013.03.27 @ 22:01:38

**Tool Information** 

Drill Pipe: Heavy Wt. Pipe: Length: Drill Collar: Length:

Length: 4093.00 ft Diameter: 0.00 ft Diameter:

3.80 inches Volume: 2.70 inches Volume: 119.00 ft Diameter: 2.25 inches Volume:

57.41 bbl 0.00 bbl 0.59 bbl

58.00 bbl

Tool Weight: 2200.00 lb Weight set on Packer: 22000.00 lb Weight to Pull Loose: 74000.00 lb Tool Chased 2.00 ft

Drill Pipe Above KB: 3.00 ft Depth to Top Packer: 4237.00 ft

Depth to Bottom Packer: ft 6.00 ft String Weight: Initial 64000.00 lb Final 66000.00 lb

Interval between Packers: Tool Length: 34.00 ft

Number of Packers:

2 Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4210.00		
Shut In Tool	5.00			4215.00		
Hydraulic tool	5.00			4220.00		
Jars	5.00			4225.00		
Safety Joint	3.00			4228.00		
Packer	4.00			4232.00	28.00	Bottom Of Top Packer
Packer	5.00			4237.00		
Stubb	1.00			4238.00		
Recorder	0.00	6625	Outside	4238.00		
Recorder	0.00	8679	Inside	4238.00		
Perforations	2.00			4240.00		
Bullnose	3.00			4243.00	6.00	Bottom Packers & Anchor

**Total Tool Length:** 34.00

Trilobite Testing, Inc Ref. No: 48514 Printed: 2013.03.29 @ 08:42:37



**FLUID SUMMARY** 

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

PO Box 399

Garden City KS 67846 Job Ticket: 48514 **DST#:1** 

Verlyn #1-26

ATTN: Scott Corsair Test Start: 2013.03.27 @ 22:01:38

**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: 41 ppm

Viscosity: 61.00 sec/qt Cushion Volume: bbl

Water Loss: 5.99 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 5800.00 ppm Filter Cake: inches

#### **Recovery Information**

#### Recovery Table

Length ft	Description	Volume bbl
119.00	MCWO 35%M 5%W 60%O	0.585
403.00	Gassy Oil 25%G 75%O	5.653
0.00	353-GIP	0.000

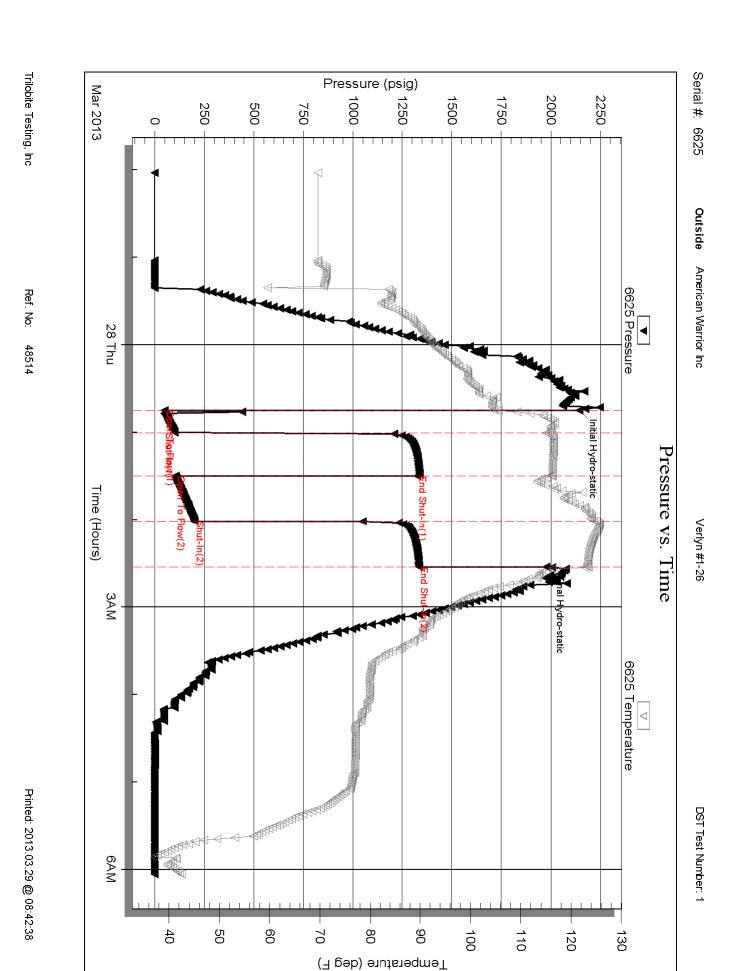
Total Length: 522.00 ft Total Volume: 6.238 bbl

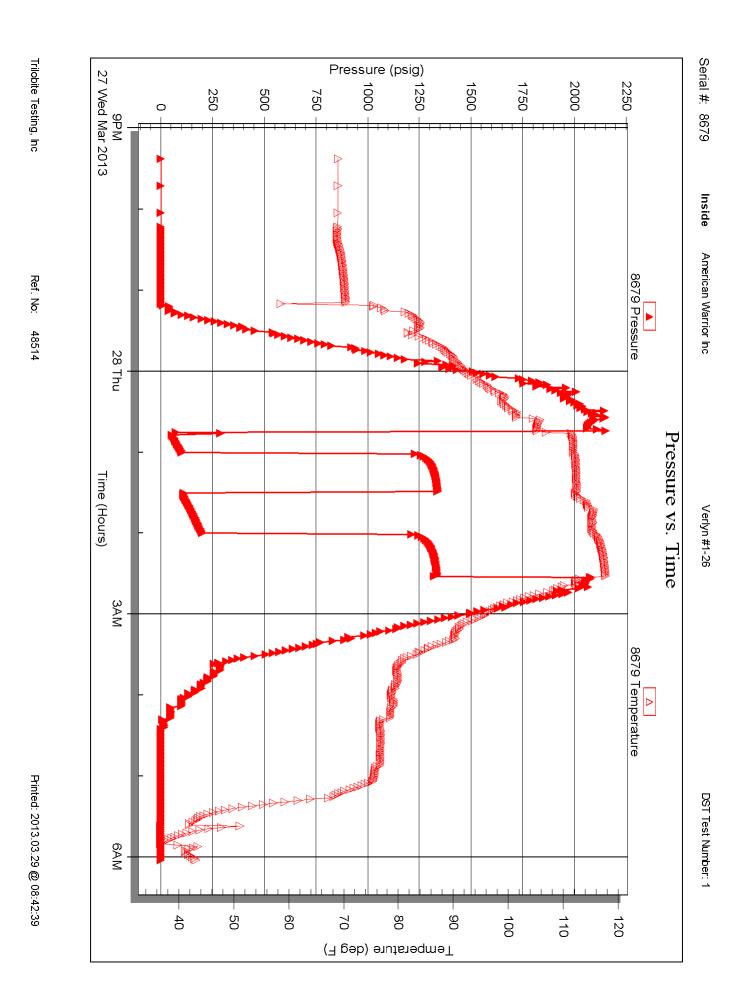
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 48514 Printed: 2013.03.29 @ 08:42:38







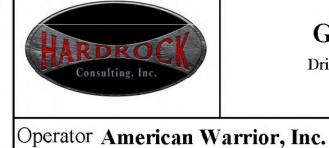
# RILOBITE ESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

#### **Test Ticket**

NO. 48514

4/10					
Well Name & No. Verlyn #1	-26	Test No		Date 3-27	-13
company American Warrio	( INC	Elevation 2	161	KB 2155	GL
Address & Box 399 Garbe			77-		, pt
Co. Rep / Geo. TASON ALM	/	Rig PETTO	Mark		
Location: Sec. 26 Twp. 18	5 Rge. 22L	• •		State _K	S
Interval Tested 4237 - 4243	Zone Tested	miss			
Anchor Length	Drill Pipe Ru	un 4093	Mu	ıd Wt 9. 3	
Top Packer Depth 4232		Run 119	Vis	6	
Bottom Packer Depth 4237		n 0	WI	- Lo. 0	Ž.
Total Depth 4243		5800 ppm		M O	
Blow Description IF Good Blow G			•		
Ist-Neak Blow Ba	_	_	J		
Af Fair Blow B					
S. Weak Surface	•		07%	min	
Rec 119 Feet of MC WO				_	35 %mud
Rec 403 Feet of CASSY		25 %gas	75 %oil	%water	%mud
RecFeet of		%gas	%oil	%water	%mud
RecFeet of		%gas	%oil	%water	%mud
RecFeet of		%gas	%oil	%water	%mud
	3 Gravity 4/	API RW@	°F C	hlorides	ppm
(A) Initial Hydrostatic 2142	\ Test 125			tion 20:50	,
(B) First Initial Flow 49	Jars 25	50	T-Started _	22:0	
(C) First Final Flow	Safety Joint	75	T-Open	00:37	0100
(D) Initial Shut-In 13 26	Circ Sub		T-Pulled _	2:07	2:22
(E) Second Initial Flow	☐ Hourly Stand	dby	T-Out	4:00	<u></u>
(F) Second Final Flow 200	Mileage		Comments 7.40	·	
(G) Final Shut-In 13.3.5	Sampler		-		
(H) Final Hydrostatic 1976	Straddle				
		er	116	Shale Packer	
Initial Open 15			/"	d Packer 320	EN-P
Initial Shut-In 30	Extra Packe			Copies	
Final Flow 15 30		der	Sub Total		
Final Shut-In 30		у			
T mai Gride in		/	MP/DST	DISCT	
	Sub Iolai		TOTTE	Kaun	
Approved By	the state of the s	Our Representative	7011	, 0- (	The State of the S



# Geologic Report

2161'

Drilling Time and Sample Log

API # <b>15-135</b> -	·20044-U	)UUU			Surface	ng Record 8" @ 222'
Field <b>Bazine</b>	Dry Cre	ek			Production	on
Location 1600	'FSL &	2600'	FWL			2" @ 4245' ical Surveys
Sec. <b>26</b>	Twp.	18s	Rge.	22w	]	None
County N	ess	State	Kai	ısas		
Formati	on	Log	Tops	Samp	le Tops	Struct Comp
Anhydrite				1423	' +738	+9
Base				1460	+701	+5
Heebner				3614	' -1453	FL
Lansing				3660	' -1499	-2
BKc				3982	' -1821	FL
Pawnee				4071	' -1910	-1
Fort Scott				4147	' -1986	-2
Cherokee				4168	' -2007	-2
Mississippian				4235	' -2074	+6
Total Depth				4146	' -2085	
Reference Well For 2090' FNL & 1400' FV		-			nc. Schug	art #1-26

Drilling Contractor	Pet	tromark Dril	lling, LLc.	Rig#1
Commenced	3-21-2013	Comp	leted	3-28-2013
Samples Saved Fron	1	3900'	To	RTD
Drilling Time Kept l	From	3600'	To	RTD
Samples Examined 1	From	3900'	To	RTD
Geological Supervis	ion From	3900'	To	RTD

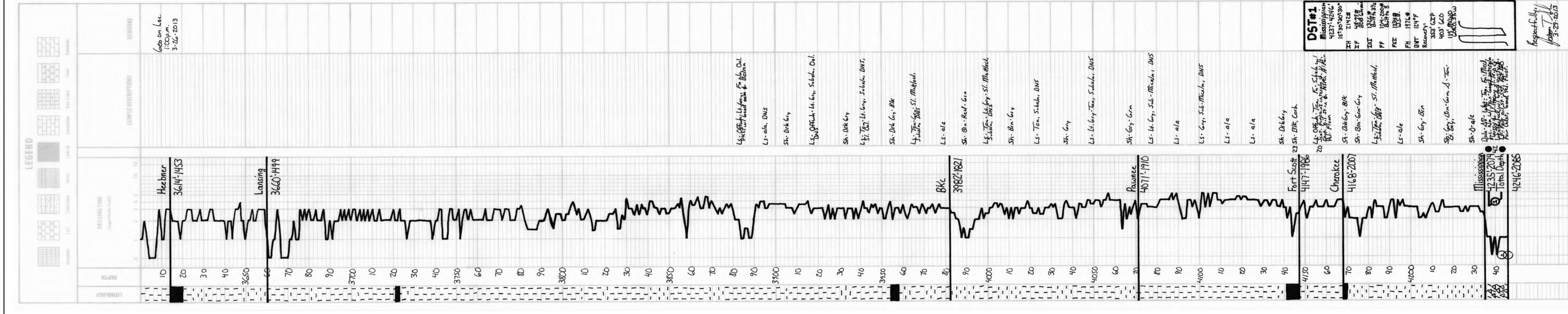
Displacement 3500' Mud Type Chen

#### Summary and Recommendations

The new well ran structurally as expected via the survey. One drill stem test was conducted which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Verlyn #1-26 well.

Respectfully Submitted,

Jason T Alm Hard Rock Consulting, Inc.



## **Geological Report**

American Warrior, Inc.
Verlyn #1-26
1600' FSL & 2600' FEL
Sec. 26 T18s R22w
Ness County, Kansas



American Warrior, Inc.

#### **General Data**

Well Data:	American Warrior, Inc. Verlyn #1-26 1600' FSL & 2600' FWL Sec. 26 T18s R22w Ness County, Kansas API # 15-135-25544-0000
Drilling Contractor:	Petromark Drilling, LLc. Rig #1
Geologist:	Jason T Alm
Spud Date:	March 21, 2013
Completion Date:	March 28, 2013
Elevation:	2155' Ground Level 2161' Kelly Bushing
Directions:	Bazine KS, 1 ½ mi. West on Hwy 96, North into location.
Casing:	222' 8 5/8" surface casing 4245' 5 1/2" production casing
Samples:	10' wet and dry, 3900' to RTD
Drilling Time:	3600' to RTD

None

None

None

One, Trilobite Testing, Inc. "Jeff Brown"

Electric Logs:

Drillstem Tests:

Problems:

Remarks:

#### **Formation Tops**

	American Warrior, Inc.
	<b>Verlyn #1-26</b>
	Sec. 26 T18s R22w
Formation	1600' FSL & 2600' FWL
Anhydrite	1423', +738
Base	1460', +701
Heebner	3614', -1453
Lansing	3660', -1499
BKc	3982', -1821
Pawnee	4071', -1910
Fort Scott	4147', -1986
Cherokee	4168', -2007
Mississippian	4235', -2074
RTD	4246', -2085

#### **Sample Zone Descriptions**

#### Mississippian Osage (4235', -2074): Covered in DST #1

Dolo –  $\Delta$  – Fine to medium sucrosic crystalline with fair to good inter-crystalline and vuggy porosity, very heavy slightly triptolitic chert with good vuggy porosity, light to fair oil stain and saturation, fair show of free oil, fair odor, good yellow fluorescents, 42 units hotwire.

#### **Drill Stem Tests**

Trilobite Testing, Inc. "Jeff Brown"

#### DST #1 <u>Mississippian Osage</u>

Interval (4237' – 4243') Anchor Length 6'

IHP - 2142 #

IFP - 15" - B.O.B. 6.5 min. 48-99 #
ISI - 30" - Built to 3.5 in. 1326 #
FFP - 30" - Built to 8 in. 104-200 #
FSI - 30" - W.S.B. 1334 #

FHP - 1976 # BHT - 124°F

Recovery: 353' GIP

403' GCO

119' MWCO 60% Oil, 5% Water

#### **Structural Comparison**

	American Warrior, Inc.	American Warrior, Inc.		American Warrior, Inc.	
	Verlyn #1-26	Schugart #1-26		Witthuhn Unit #1-26	
	Sec. 26 T18s R22w	Sec. 26 T18s R22w		Sec. 26 T18s R22w	
Formation	1600' FSL & 2600' FWL	2090' FNL & 1400' FWL	_	2200' FSL & 40' FEL	
Anhydrite	1423', +738	1442', +729	(+9)	1409', +743	(-5)
Base	1460', +701	1475', +696	(+5)	1442', +710	<b>(-9</b> )
Heebner	3614', -1453	3624', -1453	FL	3602', -1450	(-3)
Lansing	3660', -1499	3678', -1497	(-2)	3648', -1496	(-3)
BKc	3982', -1821	3992', -1821	FL	3965', -1813	(-8)
Pawnee	4071', -1910	4080', -1909	(-1)	4054', -1902	(-8)
Fort Scott	4147', -1986	4155', -1984	(-2)	4129', -1977	<b>(-9</b> )
Cherokee	4168', -2007	4176', -2005	(-2)	4151', -1999	(-8)
Mississippian	4235', -2074	4251', -2080	(+6)	4220', -2068	<b>(-6)</b>

#### **Summary**

The location for the Verlyn #1-26 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 Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the Verlyn #1-26 well.

#### **Recommended Perforations**

Mississippian Osage (4235' – 4244') DST #1

Respectfully Submitted,

Jason T Alm Hard Rock Consulting, Inc.

# ALLIED OIL & GAS SERVICES, LLC 059375

Federal Tax I.D.# 20-5975804 SERVICE POINT: Great Benty 15 REMIT TO P.O. BOX 93999 **SOUTHLAKE, TEXAS 76092** ONLOCATION JOB START CALLED OUT JOB FINISH DATE 3-22-13 185 7,00 8:0004 COUNTY Ne 55 LOCATION BOZINELS 1/2W NINTO LEASE Verlyn WELL# 1-26 OLD OR NEW (Circle one) CONTRACTOR PET 10 Mark Pulling #1 OWNER Gurfale TYPE OF JOB **HOLE SIZE CEMENT** AMOUNT ORDERED 150 5K5 Class A
34 cc 24. get **CASING SIZE** DEPTH **TUBING SIZE DEPTH** 4/2 DRILL PIPE **DEPTH** TOOL **DEPTH** PRES. MAX COMMON\_ **MINIMUM** MEAS. LINE SHOE JOINT · **POZMIX** CEMENT LEFT IN CSG. GEL PERFS. CHLORIDE \_ 13,16 bb's freshwarer DISPLACEMENT ASC \_\_\_\_ **EQUIPMENT** CEMENTER DYST'A Chambers **PUMP TRUCK** 398 HELPER Joss I sage **BULK TRUCK** #613-170 DRIVER Kevin Weighns **BULK TRUCK** DRIVER HANDLING MILEAGE \_ **REMARKS:** TOTAL. Brook Circularianish his Mud Dump 5 bbls Freshmora **SERVICE** 41, 1505ks closeA 3.11cc 24.gel Displace 13,16 bb/s Freshware **DEPTH OF JOB** 9541712 PUMP TRUCK CHARGE Cener did cicquire EXTRA FOOTAGE @ Play Donn MILEAGE MANIFOLD \_ CHARGE TO: Amorican Wallis STREET \_\_\_ TOTAL CITY\_\_\_\_\_STATE\_\_\_\_ZIP\_\_\_\_ 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\_\_\_\_ . Emelin biscount \_\_\_ IF PAID IN 30 DAYS

PRINTED NAME





STAGE NO.

Date 3-27	7-/3 Distri	a 611071	Red & to	cket No 54 3	76	Spacer Type: FIES LAGTY
Company	Melitun			g Projecting	<i>y</i> ,	Amt. 527/5 -8Kś Yieldft³/sk Density5,3 4/ppc
Leese Je	1/yn			fell No. <u> </u>	6	
County ~	755			tate <u>KS</u>		
Location	5/N /1	26/ N	INN FI	eld	l	LEAD: Pump Time hrs. Type
		<i>e</i> -	<del></del>			Excess
CASING DATA:						Armt Sks Yield ft <sup>3</sup> /sk Density ppc
45%	Surage	Intermed	Jiate Li Pro	collar 2	ner 🔲 🔠	TAIL: Pump Time Thicker Time hrs. Type 6/955 A 3-1-0
Size // U	Туре	Wei	ght <u>72 47</u>	Collar		7
				67.	75	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		<del></del>			\	WATER: Lead gals/sk Tail gals/sk Total Bbis
Gasing Depths.	m K/	3	Bottom :	221,06		Pump Trucks Used 364 - 755/,
Cashy Deputs.	es), ;		_ DOLLOIN			Bulk Equip. 4/0-110- KEVID W
	.1	,				Suit Equip.
i	, i				7	
Drill Pipe: Sizh		Weight		Collars	$\Delta = T - S$	M V
Open Hole: Size				P.B. to		Floet Equip: Manufacturer
CAPACITY FACT	ORS:	2 - m		/ h		Shoe: Type Depth
Casing:	் Bols/Lin. ft	2637	Lin. ft./B	ы. 15,75	F	Float: Type Depth
Open Holes:	Bhls/Lin.ft.		, Lin. ft./B	Ы		Centralizers: Quantity Plugs Top Btm
Drill Pipe:	Bbls/Lin. ft	10142	Lin. ft./8	bl. 70, ?-	<u>}                                    </u>	Stage Collars
Annulus:	Bbls/Lin. ft		Lin. ft./8	bl		Special Equip.
	Bbls/Lin. ft		Lin. ft./B	Ы		Disp. Fluid Type F1654 MATER Amt. Bbls. Weight 5:44 PPC
Perforations: F	From	ft. to	)	ft. Amt	·	Vlud Type Weight PPG
COMPANY REPR	RESENTATIVE					CEMENTER DUSTIN C
TIME	PRESSU	IRES PSI	FLL	JID PUMPED I	DATA	
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	REMARKS
						ON LOCATION - Por UD
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CITY, STATE, ZIP CODE

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TICKET

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100 7	TOTAL	8			785_798_2300	1 10 AM	D   TIME SIGNED / ()	DATE SIGNED DO N
	0100		RE YOU SATISFIED WITH OUR SERVICE?	ARE YOU SATISFI	NESS CITY, KS 67560			x Scott
163 55	N X V		JOB HE EQUIPMENT	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS	P.O. BOX 466		START OF WORK OR DELIVERY OF GOODS	START OF WORK OR DE
er i	1		HOUT DELAY?	PERFORMED WITH	SWIFT SERVICES, INC.	NOR TO	STOMER OR CUSTOMER'S AGENT P	MUST BE SIGNED BY CU
			SY	ME UNDERSTOOL		INDEMNITY, and	"but are not limited to, PAYMENT, RELEASE, INDEMNITY, and	that are not limited to, PAYMENT,
4/53%	PAGE TOTAL		PERFORMED DOWN?	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	KEMI TAYMENT IC:	eof which include,	the terms and conditions on the reverse side hereof which include,	the terms and con-
00		UN- DIS-	VEY AGREE	SURVEY		ges and agrees to	LEGAL TERMS: Customer hereby acknowledges and agrees to	LEGAL TERMS:
\$ O TO	300	165 130,42 Tm	17390 1611		MINIMUM TRANSSE			582 2
357)	2		175tsx	GE	CEMENT SERVICE CHARGO			88
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3518	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		1 72		D-AIR			290
(a/6)   me	3) E		33/16		FLOCECE			276
<b>an</b> (25)	5 CSS		84 / Jane	00X	PORT CHURR OFFUNK DO			051
1257)	1300		153		Pump CHARGE			576D
(A)	600		15 mil		MILEAGE # // S			575
AMOUNT	PRICE	QTY. UM	QTY. UM		DESCRIPTION	LOC ACCT OF	PART NUMBER	REFERENCE
						ACCOUNTING	SECONDARY REFERENCE/	PRICE
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さる	しると、これ		WELL PERMIT NO.		DEVELOPMENT CEMENT PORT COURS		OIL	
				AIV.	DUFIFLD SERU	HD OVE	D SERVICE SALES	•
	DEN IN		DE WEBEN TO		CKLYN I SIO PROMIENO	ONTRACTOR		•
73	Dog / 2 OWNER	アンスの発	<b>805</b> 11	\$¥i	COUNTY COUNTY		WELL/PROJECT NO.	TESCETY, KS

SWIFT OPERATOR

USTOMER ACCEPTANCE OF MATERIALS AND SERVICES

APPROVAL

Thank You!

JOB LO	OG			0		SWIFT	' Sonni	ices, Inc.
		ARRIOR	WELL NO.					1-26 JOB TYPE FORT PORT (CLAR TICKET NO. 24652
CHART	TIME	RATE (BPM)	VOLUME	PUN	IPS	PRESSUR		
NO	1415	(BPM)	(BBL) (GAL)	T	С	TUBING	CASING	DESCRIPTION OF OPERATION AND MATERIALS
	1113		<del> </del>		-		<del> </del>	DN LOCATION
				<del> </del>	$\vdash$	745		P. 07 0
	<u> </u>							PORT COLLAR @ 14/3
	1501			<u> </u>			1000	TEST - HELD
-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				, 		1400	1831 HECIS
	1505							OPEN PORT COLLAR
***************************************								DIEN VOINT COLUIR
	1508	4	72	/		300		MIX 1305×5MD
		3	4/3/4					DISPLACE CEMENT
								CIRCHIATE 20sx TO PIT
	1528			7		1000		CLOSE PORT COLLAR-TEST-HELD
						,,,,,,		CASE FORT COMPRETED
								RUN 4515.
		·						
	1538	4	18		7		300	REVERSE CEMENT OUT OF TUBING
								7,100,000
	1547							WASH TRUCK
	·							
	1615							JOB COMPLETE
-						y		
								THANKS \$ 115
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TICKET

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Street, E	

DATE SIGNED	STANT OF WORK OR DELIV	but are not limited to, PAYMENT, LIMITED WARRANTY provisions	The territ and condition				100	406	404	403	402	578	575	REFERENCE		A. OCCUPATION	<u>ب</u> ا	12 CVal	SERVICE OCTUBER
TIME SIGNED	MARKE SKINED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS	but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.	LEGAL TERMIS: Customer hereby acknowledges and agrees to the terminated conditions on the reverse side hereof which include.											PART NUMBER	INVOICE INSTRUCTIONS	0./	D SERVICE D SALES	165	ces, inc.
O AM	ЖТО	IDEMNITY, and	es and agrees to of which include,		72									LOC ACCT	11		CONTRACTOR	1-26	
	J., aca.	SMILL SLESSING INC. CHRISTING METALS WE CHRISTING WE CHRI	REMIT PAYMENT TO: OUR EQUIPME			KOTATIME FRAD RESTOR	1	Cotch down du + box les	bet Collec	Cement Bushet	Contractice &	Pumo Classe	MILEAGE TRIC 1/4	DF DESCRIPTION		Levelanment coment on steins	Trom > RIG NA	VERLIN	
CUSTOMER DID NOT MARK THE	M. OPERATED THE EQUIPMENT NO PERFONSED JOB NECLLATIONS ATTREFACTORILY NATIONAL TO THE TOTAL OF T	100 MO 100 MO 1087	AGREE DECIDED			25 m	324	S2 14 /1		1 2 × 2 × 2 × 2	151 1	10	20 m.	QTY.   UM QTY.		WELL PERMIT NO.	-	San Bazine	
TOWA	īX		AGREE PAGE TOTAL			<b>X</b>	808	00/02/2	Ŋ		00/CE	1500 00	600	UM PRICE		WELL LOCATION	ORDER NO.	28 MAR 3 OMNER	
		0956 25	286	17000		888	380	350 00	2400100	5000	80 BCE	1500 00	00 C/	ABOUNT		-2		2	2

SWIFT OPERATOR

JOB LO		Mark .	_	0		SWIFT	Serv	ices.	luc.	DATE 3 ) (-/3 PAGENO.
CUSTOMER	merican	Warren	WELL NO.	$\mathcal{U}$		LEASE	~N		JOB TYPE 5% Longstring	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (FRL)	PUM	PS C	PRESSUR	RE (PSI)	T	DESCRIPTION OF OPERATIO	
		,==,	1001,000	Ė	Ť	TUBING	CASING	10-	4246	TP-4250
								55-		5-1- 4245
								P.C.	Top of "67 1413"	53 15.5"
								4 315	cot "67"70"102"	
	ļ						ļ	Centr	alizer - "1"2"3"	4 66
	ļ ———						ļ	Ü - 1		
								175	sts EA 2 w/ kg	* Florele
	1400						<u> </u>			
	The							en L	coration	
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	1700				$\dashv$	<del>- i</del>		Orot	Bill Circulate	- Rotale-
								- T	Dan Capric	1.0/4/
	1727	6-74	<b>以</b>		7		350	Pump	5 Dgel Mudflu	5
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			7		_			Plag	RH (-	30 sts
	1735	4/2	35		$\overline{}$		750	<u></u>	UIC CA	15 6
	1729	1/2	33				250	Pamp	145 sks EA.)	@ 15.5 pg
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					$\dashv$			4),4	at Pump + Lines	Ting
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# TICKET CONTINUATION

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25	50/00/	mud flush		38)	<b>)</b>
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1 <b>3 50 23</b> 63	175 ak	Stondard comput (FORFILE)			
So   2 mar   21 244 8 &	MELL W 1-26	customer can Ubstics	Ness City, KS 67560 Off: 785-798-2300	and the last	6
			PO Box 466		