KOLAR Document ID: 1704410

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1
January 2018
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.:
Name:	Spot Description:
Address 1:	SecTwpS. R East _ West
Address 2:	Feet from North / South Line of Section
City:	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used?
Cathodic Other (Core, Expl., etc.):	
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to: sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content:ppm Fluid volume:bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Ecodition of hald disposal in riddied choice.
GSW Permit #:	Operator Name:
_	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	County: Permit #:

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						
Confidentiality Requested						
Date:						
Confidential Release Date:						
Wireline Log Received Drill Stem Tests Received						
Geologist Report / Mud Logs Received						
UIC Distribution						
ALT I II Approved by: Date:						

KOLAR Document ID: 1704410

Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of String Size Hole Size Cas Drilled Set (In O				Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	UEEZE RECORD				
Purpose:		epth T Bottom	ype of Cement	# Sacks Used		Type and F	Percent Additives	
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	_	I on Lease	Open Hole		Dually Comp. Commingled Top Submit ACO-5) (Submit ACO-4)		BOROTT	
(If vented, Submit ACO-18.)								
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,		menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion				
Operator	American Warrior, Inc.				
Well Name	ZIMMERMAN-RUDZIK UNIT 1-19				
Doc ID	1704410				

Tops

Name	Тор	Datum
Anhydrite	1683	744
Base	1713	714
Heebner	3996	-1569
Lansing	4051	-1624
ВКС	4403	-1976
Marmaton	4447	-2020
Fort Scott	4596	-2169
Cherokee	4622	-2195
Cherokee Sand	4690	-2263
RTD	4715	2288

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	ZIMMERMAN-RUDZIK UNIT 1-19
Doc ID	1704410

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.25	8.625	23	221	Standard	2%Gel&3 %CC



CHARGE TO:	
American Worker Inc	
CITY, STATE, ZIP CODE	

TICKET 35009

on this ticket.	The customer hereby acknowledges receipt of the materials and services listed on this ticket.		SWIFT OPERATOR // CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES
TOTAL	☐ CUSTOMER DID NOT WISH TO RESPOND	/00-/36-2300	
Hadaman 23614	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE?	WE AND CALL SAT	START OF WORK OR DELIVERY OF GOODS. X DATE SIGNED TIME SIGNED TIME SIGNED
PAGE TOTAL \$ 5/09,00	OUR COUPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY?	REMIT PAYMENT TO: WITH MATERIAL TO THE METERIAL TO THE METERI	the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT , RELEASE , INDEMNITY , and LIMITED WARRANTY provisions.
350, 100 350,00	b	Min. Drayage	582
78	250/	O-AIC	581 1
	3 P 5 K	Beatpoite Cel	778
16, 00 2400,	150 84	STD Coment	325
1200,00 1200,00	1 506	pump charge (Surface)	5765
UNIT AMOUNT	QTY. U/M QTY. U/M	OF OF	REFERENCE PART NUMBER LOC ACCT I
E-lato		revelopment Suctices 8.	REFERRAL LOCATION INVOICE INSTRUC
ORDER NO.	VIACT OCATION WELL PERMIT NO.	JOB PURPOSE	WELL TYPE WELL TYPE
DATE OWNER	CITY	Zion macco en My dzi K Lodge man	CT NO.
PAGE OF		CITY, STATE, ZIP CODE	s, Inc.

SWIFT OPERATOR DATE TO Read

APPROVAL

Thank You!

PAGE NO. SWIFT Services. Inc. JOB LOG CUSTOMER WEĻL NO. American Wessier Inc 1-19 VOLUME (BBL) (GAL) PRESSURE (PSI) CHART TIME PUMPS DESCRIPTION OF OPERATION AND MATERIALS TUBING CASING T C ON location 85/8" Surface 221' 12/45 Circulate

1-/20 Space (

mix 150 sx @ 14,7 ppg.

Stact displacement

cont to surface

shut vake t Release ps;

Wash pump truck

Job Complete

Thanks;

Preston, Kirby, Tylor

15D sks STD, 290 gel, 3% (6 used

20 sks to pit 13:05 13:10 13/30 14,00



CHARGE TO:	
Maria College	7
ADDRESS	1 3111
CITY, STATE, ZIP CODE	

TICKET 35012

Services. Inc.		CITY, STATE, ZIP CODE		
	WELL/PROJECT NO	- n n n n		PAGE OF
.5	TICKEJ TYPE CONTRACTOR	woman - Rodock	STATE CITY	DATE OWNER
ယ္	111	HIG NAME/NO.	SHIPPED DELIVERED TO	ORDER NO.
4.	WELL TYPE	WELL CATEGORY JOB PURPOSE	WELL PERMIT NO.	WELLIOCATION
REFERRAL LOCATION	INVOICE INSTRUCTIONS	WIN Hoody		WELL LOCATION
PRICE SECONDARY REFERENCE	ACC	DESCRIPTION		
	LOC ACCT	d	QTY, U/M QTY.	U/M PRICE AMOUNT
5760		MILEAGE // //	30 Mi	2 WC 00 %
		(Second County	17	1200,00 12001
324-4	/	holder ha		
376	/	Elicosin Colonia	35 066	1300 28600
290		0-16	58 16	1200 220,0
(8.5		Com Survey Charo		113 00 8110
77.2		Bin Dayor	100/19/100	200 9000
		,		
				- -
the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.	Customer hereby acknowledges and agrees to iditions on the reverse side hereof which include, d to, PAYMENT , RELEASE , INDEMNITY , and INTY provisions.	REMIT PAYMENT TO:	SURVEY AGREE UNDECIDED OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEFTS?	DISAGREE PAGE TOTAL 5399, 100
MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO	ER'S AGENT PRIOR TO	SWIF I SERVICES, INC.	OUR SERVICE WAS PERFORMED WITHOUT DELAY?	
X		NESS CITY, KS 67560	AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	ТАХ
TIME	TIME SIGNED	785-798-2300	ARE YOU SATISFIED WITH OUR SERVICE? YES NO	1
	ACCEPTANCE OF MATERIAL	CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES. The Clistomer horses and the control of the contr	☐ CUSTOMER DID NOT WISH TO RESPOND	IOIAL
WIF I OPERATOR	APPROVAL	N/AI	vieuges receipt of the materials and services listed on this ticket.	listed on this ticket.

Thank You!

JOB LO			WELL NO.				1 Ser	wices. Inc. DATE 2-20-23 PAGE NO
A	ica W.	war Jak	WELL NO.			LEASE	mai - h	JOB TYPE TICKET NO. 35012
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUI	MPS C		JRE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	041:45				-	TOBING	CASING	ON location
						1300		Roloty plug through dellpipe
								They means the pipe
		4	10	V		200		Hay Sparer
	06:10	41	13	V		200		18/10 01710' 505KS
New York								displace Const
			1					2 1/ pulg @ 810'
- 6	16:10	4	8	/		200		H20 Spacer
		_ 7_	13	V		200		mix 505k
			2					displace (mT
	0712 <	4/	_	/				3 / plug @ 270'
		41	13	./		200		1/20 spore
			()	V		200		mix 50 3 k/5
								d'splace CMT
1								4/2/4 6 60'
	8:30	4	2			200		1 1 1 6 60 GC
								my 20545
	2.3.2							deal
	8:45		/3					phy 11 + nH (37,20)
-								The Carlo
	9:00							Work owns town
	930							Job Complete Theores
								Theory
								Prestan, Hicky, Batt
								220 5K5 uso of
ASSESS N						100		



American Warrior, Inc.

PO Box 399

Garden City, Ks 67846

ATTN: Jason T Alm

19 22s 23w Hodgeman Ks

Zimmerman-Rudzik1-19

Job Ticket: 69475 **DST#:1**

78

Unit No:

Test Start: 2023.02.19 @ 00:34:00

GENERAL INFORMATION:

Formation: Cherokee Sand

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

Time Tool Opened: 03:20:15 Time Test Ended: 08:55:15

Interval: 4642.00 ft (KB) To 4705.00 ft (KB) (TVD)

Total Depth: 4705.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Tester: Bradley Walter

Reference Elevations: 2427.00 ft (KB)

KB to GR/CF: 8.00 ft

2419.00 ft (CF)

Serial #: 8319 Inside

Press@RunDepth: 66.88 psig @ 4643.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2023.02.19
 End Date:
 2023.02.19
 Last Calib.:
 2023.02.19

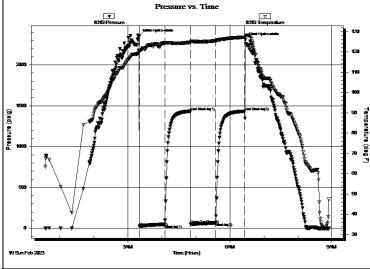
 Start Time:
 00:34:05
 End Time:
 08:55:14
 Time On Btm:
 2023.02.19 @ 03:19:45

 Time Off Btm:
 2023.02.19 @ 06:27:30

TEST COMMENT: IF: 3.3" blow.

ISI: No return. FF: 2.5" blow .

FSI: No return. 45-45-45



Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2353.20	120.66	Initial Hydro-static
	1	23.92	120.36	Open To Flow (1)
	45	48.47	124.26	Shut-In(1)
	91	1428.85	124.80	End Shut-In(1)
	91	51.71	124.42	Open To Flow (2)
	135	66.88	125.42	Shut-In(2)
ì	186	1433.00	127.23	End Shut-In(2)
,	188	2309.66	127.83	Final Hydro-static

Cac Datas

PRESSURE SUMMARY

Recovery

Description	Volume (bbl)
Mud 100m	1.13
	·

Oas Mai	.03	
Choka (inahaa)	Drocoure (poig)	Coo Boto (Mof/d)

Trilobite Testing, Inc Ref. No: 69475 Printed: 2023.02.19 @ 12:47:05



American Warrior, Inc.

19 22s 23w Hodgeman Ks Zimmerman-Rudzik1-19

PO Box 399

Job Ticket: 69475

Tester:

Unit No:

DST#: 1

Garden City, Ks 67846
ATTN: Jason T Alm

Test Start: 2023.02.19 @ 00:34:00

GENERAL INFORMATION:

Formation: Cherokee Sand

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

Time Tool Opened: 03:20:15 Time Test Ended: 08:55:15

Interval: 4642.00 ft (KB) To 4705.00 ft (KB) (TVD)

Total Depth: 4705.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2427.00 ft (KB)

Bradley Walter

78

2419.00 ft (CF) KB to GR/CF: 8.00 ft

Serial #: 8845 Outside

 Press@RunDepth:
 psig
 @
 4643.00 ft (KB)
 Capacity:
 8000.00 psig

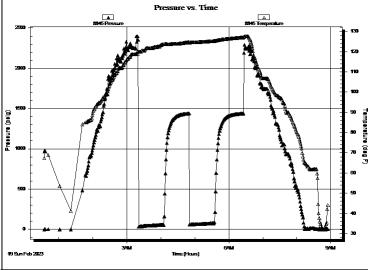
Start Date: 2023.02.19 End Date: 2023.02.19 Last Calib.: 2023.02.19

Start Time: 00:34:05 End Time: 08:55:14 Time On Btm: Time Off Btm:

TEST COMMENT: IF: 3.3" blow .

ISI: No return. FF: 2.5" blow .

FSI: No return. 45-45-45



Ы	RESSUR	RE SUMMARY
uro	Tomp	Appotation

-	Time	Pressure	Temp	Annotation
	(Min.)		(dog E)	, timotation
	(IVIIII.)	(psig)	(deg F)	
_				
3				
Ĭ				
Temperature (deg F)				
8				
J				
		1		I .

Recovery

Length (ft)	Description	Volume (bbl)
100.00	Mud 100m	1.13

Gas Rates

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

Trilobite Testing, Inc Ref. No: 69475 Printed: 2023.02.19 @ 12:47:05



FLUID SUMMARY

American Warrior, Inc.

19 22s 23w Hodgeman Ks

PO Box 399

Zimmerman-Rudzik1-19

Garden City, Ks 67846

Job Ticket: 69475

DST#: 1

ATTN: Jason T Alm

Test Start: 2023.02.19 @ 00:34:00

Mud and Cushion Information

0 deg API Mud Type: Gel Chem Cushion Type: Oil API: Mud Weight: Cushion Length: 0 ppm 10.00 lb/gal ft Water Salinity:

Viscosity: 50.00 sec/qt Cushion Volume: bbl

9.99 in³ Gas Cushion Type:

Resistivity: Gas Cushion Pressure: ohm.m psig

Salinity: 7500.00 ppm Filter Cake: 1.00 inches

Recovery Information

Water Loss:

Recovery Table

Length ft	Description	Volume bbl
100.00	Mud 100m	1.129

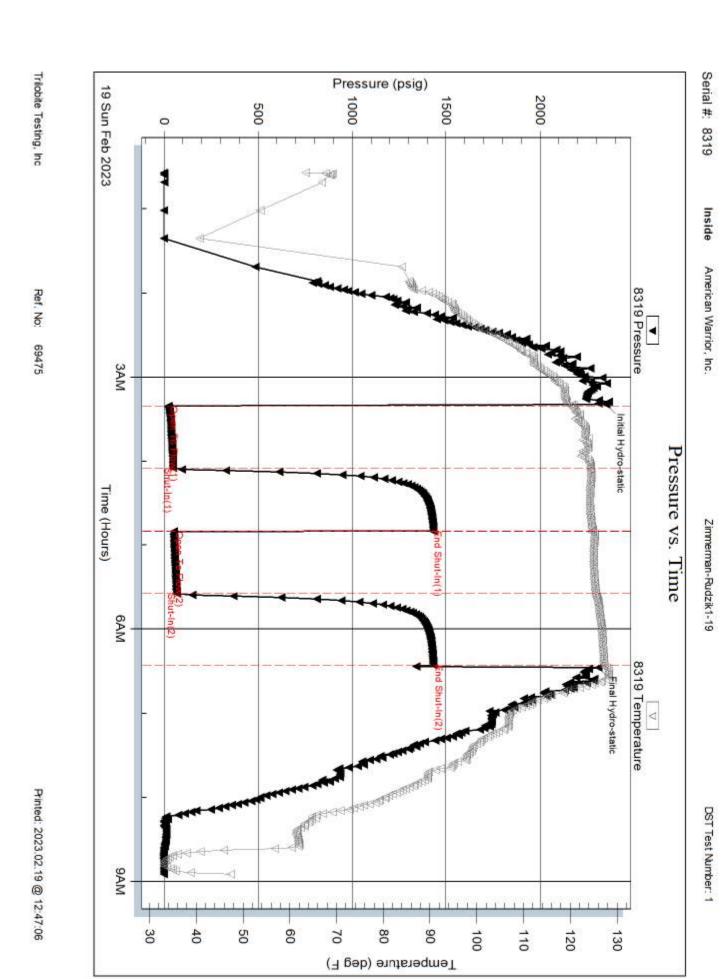
Total Length: 100.00 ft Total Volume: 1.129 bbl

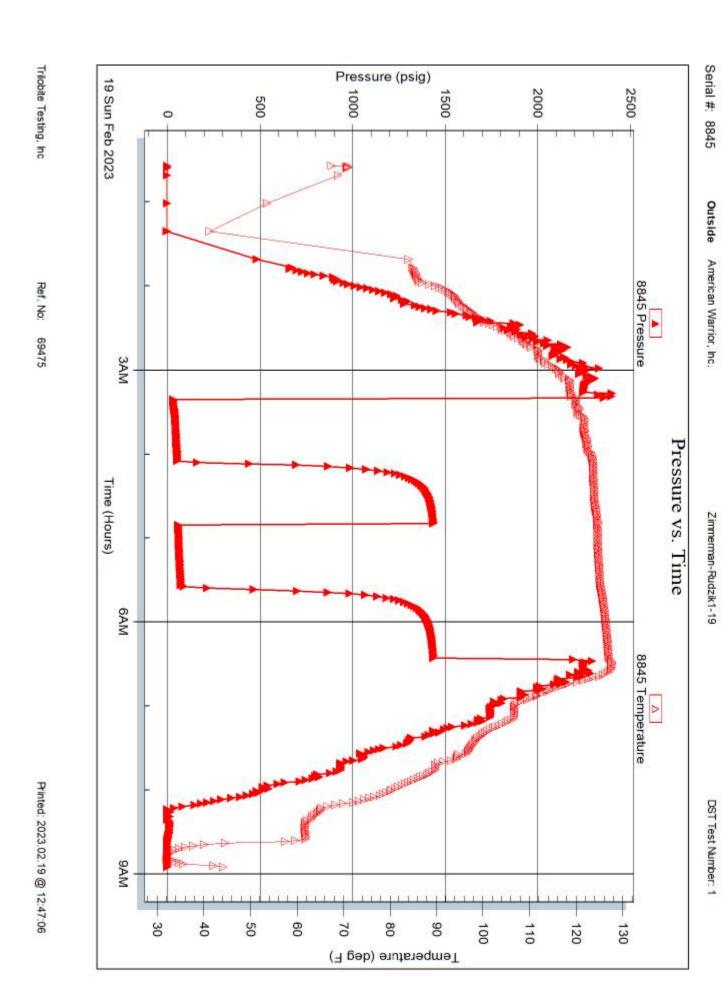
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 69475 Printed: 2023.02.19 @ 12:47:06







American Warrior, Inc.

Zimmerman-Rudzik1-19

19 22s 23w Hodgeman Ks

PO Box 399

Job Ticket: 70251

DST#: 2

Garden City, Ks 67846 ATTN: Jason T Alm

Test Start: 2023.02.19 @ 16:05:00

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: Whipstock: ft (KB)

Time Tool Opened: 18:57:45 Time Test Ended: 00:15:30

Interval: 4641.00 ft (KB) To 4715.00 ft (KB) (TVD)

Total Depth: 4715.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good Test Type: Conventional Bottom Hole (Reset)

Tester: **Bradley Walter**

Unit No:

78

Reference ⊟evations: 2427.00 ft (KB)

2419.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8319 Inside

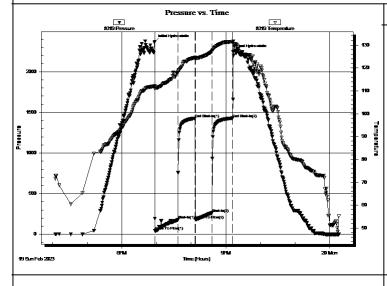
Press@RunDepth: 4642.00 ft (KB) Capacity: 264.52 psig @ 8000.00 psig

Start Date: 2023.02.19 End Date: Last Calib.: 2023.02.20 2023.02.20 Start Time: 16:05:05 End Time: 00:15:29 Time On Btm: 2023.02.19 @ 18:57:15 Time Off Btm: 2023.02.19 @ 21:12:45

TEST COMMENT: IF: 19 1/2" blow.

ISI: No return FF: 15" blow.

FSI: No return. 30-30-30-30



PRESSURE SUMMARY			
īme	Pressure	Temp	Annotation

lime	Pressure	lemp	Annotation
(Min.)	(psig)	(deg F)	
0	2369.18	112.08	Initial Hydro-static
1	43.83	111.51	Open To Flow (1)
40	178.78	117.99	Shut-In(1)
70	1426.35	124.51	End Shut-In(1)
70	179.47	124.21	Open To Flow (2)
99	264.52	127.16	Shut-In(2)
135	1428.37	131.46	End Shut-In(2)
136	2243.57	131.68	Final Hydro-static
	1	1	

Recovery

Length (ft)	Description	Volume (bbl)
530.00	mcw 20m 80w	7.16
* Recovery from mult	tiple tests	

Gas Rates

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

Ref. No: 70251 Printed: 2023.02.20 @ 06:39:24 Trilobite Testing, Inc



American Warrior, Inc.

19 22s 23w Hodgeman Ks Zimmerman-Rudzik1-19

PO Box 399

Garden City, Ks 67846 Job Ticket: 70251

Time

(Min.)

ATTN: Jason T Alm

Test Start: 2023.02.19 @ 16:05:00

GENERAL INFORMATION:

Formation: Cherokee Sand

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

Time Tool Opened: 18:57:45 Time Test Ended: 00:15:30

Interval: 4641.00 ft (KB) To 4715.00 ft (KB) (TVD)

Total Depth: 4715.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2427.00 ft (KB)

Bradley Walter

78

2419.00 ft (CF)

DST#: 2

ood KB to GR/CF: 8.00 ft

Pressure

(psig)

Tester:

Unit No:

Serial #: 8845 Outside

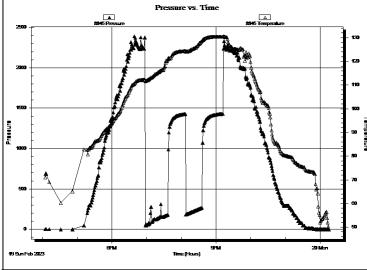
 Press@RunDepth:
 psig
 @
 4642.00 ft (KB)
 Capacity:
 8000.00 psig

Start Date: 2023.02.19 End Date: 2023.02.20 Last Calib.: 2023.02.20

Start Time: 16:05:05 End Time: 00:15:29 Time On Btm: Time Off Btm:

ISI: No return. FF: 15" blow.

FSI: No return. 30-30-30-30



Annotation

Length (ft)	Description	Volume (bbl)
530.00	mcw 20m 80w	7.16
* Recovery from mult	tiple tests	-

Recovery

Gas Rates

PRESSURE SUMMARY

Temp

(deg F)

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

Trilobite Testing, Inc Ref. No: 70251 Printed: 2023.02.20 @ 06:39:24



FLUID SUMMARY

American Warrior, Inc.

Garden City, Ks 67846

19 22s 23w Hodgeman Ks

Zimmerman-Rudzik1-19

PO Box 399

Job Ticket: 70251

DST#: 2

ATTN: Jason T Alm

Test Start: 2023.02.19 @ 16:05:00

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: 0 deg API

Mud Weight: Cushion Length: 9.00 lb/gal ft Water Salinity: 41000 ppm

Viscosity: 60.00 sec/qt Cushion Volume: bbl

Water Loss: 8.79 in³ Gas Cushion Type:

Resistivity: Gas Cushion Pressure: ohm.m psig

Salinity: 8000.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
530.00	mcw 20m 80w	7.161

Total Length: 530.00 ft Total Volume: 7.161 bbl

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

Laboratory Name: Laboratory Location: Recovery Comments: rw is .22 @ 58f = 41,000ppm

Trilobite Testing, Inc Ref. No: 70251 Printed: 2023.02.20 @ 06:39:24

110

100

130

120

Trilobite Testing, Inc.

Ref. No:

Printed: 2023.02.20 @ 06:39:24

50

60

70

80

90

Тетрегатиге

Тетрегатиге

Serial #: 8845

Outside American Warrior, Inc.

Zimmerman-Rudzik1-19

DST Test Number: 2

Geological Report

Zimmerman-Rudzik Unit #1-19

2403' FNL & 1486' FWL Sec. 19 T22s R23w Hodgeman County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. Zimmerman-Rudzik Unit #1- 2403' FNL & 1486' FWL Sec. 19 T22s R23w Hodgeman County, Kansas API # 15-083-22024-0000	-19
Drilling Contractor:	Discovery Drilling Co. Inc. F	Rig #2
Geologist:	Jason T Alm	
Spud Date:	February 13, 2023	
Completion Date:	February 20, 2023	
Elevation:	2419' Ground Level 2427' Kelly Bushing	
Directions:	Jetmore KS, 3 mi north, East	and south into location
Casing:	221' 8 5/8" surface casing	
Samples:	Kelly down wet and dry 10' wet and dry	3900' to 4400' 4400' to RTD
Drilling Time:	3800' to RTD	
Electric Logs:	None	
Drillstem Tests:	Two, Trilobite Testing, Inc. '	'Bradley Walter"
Problems:	Twisted off drill collar @ 3128'	

None

Remarks:

Formation Tops

	American Warrior, Inc.	
	Zimmerman-Rudzik Unit #1-19	
	Sec. 19 T22s R23w	
Formation	2403' FNL & 1486' FWL	
Anhydrite	1683' +744	
Base	1713' +714	
Heebner	3996' -1569	
Lansing	4051' -1624	
BKC	4403' -1976	
Marmaton	4447' -2020	
Fort Scott	4596' -2169	
Cherokee	4622' -2195	
Cherokee Sand	4690' -2263	
RTD	4715' -2288	

Sample Zone Descriptions

Cherokee Sand

(4690', -2263): Covered in DST #1, 2

Ss – Quartz, clear, fine to coarse grained, sub-angular, fairly sorted, fair to poor cement with fair to good inter-granular porosity, light oil stain in cluster, slight show of free oil, light odor, many random grains, fair yellow fluorescents, much glauconite, chert – white to clear, 25-30 Gas Units.

Drill Stem Tests

Trilobite Testing, Inc. "Bradley Walter"

DST #1 Cherokee Sand

Interval (4642' – 4705') Anchor Length 63'

IHP - 2353 #

IFP - 45" - Built to 3.3 in. 23-48 #

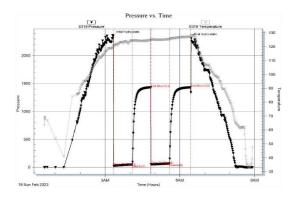
ISI – 45" – Dead 1428 #

FFP -45" - Built to 2.5 in. 51-66 #

FSI – 45" – Dead 1433 #

FHP - 2309 # BHT - 126°F

Recovery: 100' Mud



DST #2 Cherokee Sand

Interval (4641' – 4715') Anchor Length 74'

IHP - 2369 #

IFP - 30" - B.O.B. 12 min. 43-179 #

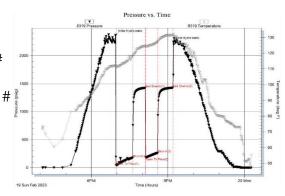
ISI – 30" – Dead 1426 #

FFP - 30" - B.O.B. 20 min. 179-265 #

FSI - 30" - Dead 1428 #

FHP - 2244 # BHT - 131°F

Recovery: 530' Muddy Water



Structural Comparison

	American Warrior, Inc.	Edminston Oil Co.		American Warrior, Inc.	
	Zimmerman-Rudzik Unit #1-19	Craighead #3	W. Bradshaw #1-24		
	Sec. 19 T22s R23w	Sec. 19 T22s R23w	Sec. 24 T22s R24w		
Formation	2403' FNL & 1486' FWL	SE SW NW	1600' FNL & 650' FEL		
Anhydrite	1683' +744	NA	NA	(+740)	-4
Base	1713' +714	NA	NA	(+709)	(+5)
Heebner	3996' -1569	-1569	FL	-1576	(+7)
Lansing	4051' -1624	-1625	(+1)	-1630	(+6)
BKC	4403' -1976	-1987	(+11)	NA	NA
Marmaton	4447' -2020	-2033	(+13)	-2034	(+14)
Fort Scott	4596' -2169	-2183	(+14)	-2182	(+13)
Cherokee	4622' -2195	-2207	(+12)	-2207	(+12)
Cherokee Sand	4690' -2263	-2267	(+4)	-2271	(+8)

Summary

The location for the Zimmerman-Rudzik Unit #1-19 was found via 3-D seismic
survey. The new well ran structurally as expected via the survey. Two Drill Stem Tests
were conducted, both were negative. After all gathered data had been examined the
decision was made to plug and abandon the Zimmerman-Rudzik Unit #1-19 well.

Respectfully Submitted,

Jason T Alm Hard Rock Consulting, Inc. AAPG #10134582