KOLAR Document ID: 1743086

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:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xxx.xxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
☐ Oil ☐ WSW ☐ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
□ OG □ GSW	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
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:w/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)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	Leading of field floorest life and of the
	Location of fluid disposal if hauled offsite:
☐ EOR Permit #: ☐ GSW Permit #:	Operator Name:
I Gillit #.	Lease Name: License #:
Could Date or Date Decembed TD Commission Date or	Quarter Sec TwpS. R
Recompletion Date Date Reached ID Completion Date or Recompletion Date	County: Permit #:
Spud Date or Pate 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
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received Drill Stem Tests Received
Geologist Report / Mud Logs Received
UIC Distribution
ALT I II III Approved by: Date:

KOLAR Document ID: 1743086

Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	R [East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool erature, fluid recovery, Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	t / Mud Logs		Y€ Y€	es No						
			Repo		RECORD [Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[Depth	Typo	of Cement	# Sacks Use		EEZE RECORD	Typo a	nd Percent Additives	
Perforate Protect Ca Plug Back	Top	Bottom	туре	or cement	# Sacks Use	,u		туре а	ia reicent Additives	
Plug Off Z										
Did you perform Does the volum Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole		Dually		nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At		Acid,		Cementing Squeeze Kind of Material Used)	Record
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	HUSER UNIT 1-32
Doc ID	1743086

All Electric Logs Run

CNL/CDL	
DIL	
MEL	
BHCS	

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	HUSER UNIT 1-32
Doc ID	1743086

Tops

Name	Тор	Datum
Anyhrite	1196	8852
Base	1236	812
Topeka	2972	-924
Heebner	3216	-1168
Toronto	3238	-1190
Lansing	3266	-1218
ВКС	3266	-1452
Arbuckle	3521	-1473
RTD	3615	-1567
LTD	3615	-1567

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	HUSER UNIT 1-32
Doc ID	1743086

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	24	226	common	150	2%cc

Sei		S
pic	74	Z
es	18,	
In	人为	L
Inc.	(Sa	1

ADDRESS PAMERICAN WARRIOR
ADDRESS
CITY, STATE, ZIP CODE

CKE

6477

	d on this ticket.	ials and services liste	es receipt of the materi	LS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.	CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES	cus:
71680 97	TOTAL	WITH OUR SERVICE? VES UNO CUSTOMER DID NOT WISH TO RESPOND	CUSTOMER DID NO	-798-2300	TIME SIGNED A.M.	DATE SIGNED
319197	Ethis		WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	WE O	R CUSTOMER'S AGENT PRIOR TO GOODS.	MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.
			MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY?	SWIFT SERVICES, INC. OUR SERVICES	risions.	LIMITED WARRANTY provisions
20 19Et	PAGE TOTAL	AGREE UNDECIDED DISAGREE	PORMED ?	REMIT PAYMENT TO: OUR EC	LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to PAYMENT RELEASE INDEMNITY and	LEGAL TERMS: Customer the terms and conditions on the but are not limited to PAYN
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AMOUNT	UNIT	U/M QTY. U/M	QTY. U	DF DESCRIPTION	SECONDARY REFERENCE/ ACCOUNTING PART NUMBER LOC ACCT I	REFERENCE SECOND
2					INVOICE INSTRUCTIONS	
	WELL LOCATION		WELL PERMIT NO	Development JOB PURPOSE FOR		4.
	ORDER NO.	ATION	SHIPPED DELIVERED TO	Willing	Disco	3. 1063) (104)
OWNER	DATE-19-2		_	LEASE UNITY COUNTY/PARISH		1. HOSS
<u>-</u>	PAGE			CITY, STATE, ZIP CODE	пс.	pices,

SWIFT OPERATOR

APPROVAL

Thank You!

JOB LO	MER /		WELL,NO.		SWIF					DATE /2-/9-23	PAGE NO
Anne	rican h	DALLOR	WELL NO.	2	LEASE	e Cn	14	JOB TYPE KOTANY !	PA	TICKET NO. 36477	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T C	PRESSU TUBING	RE (PSI) CASING		DESCRIPTION OF C	PERATI	ON AND MATERIALS	
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							5	ise w/ m	US	- 3 mm	
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		6	10		800		P	sump with	2 5	pacel	
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		6	2		400			Disp			
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		6			300		PC	mp with	SPH	ler	
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SWIFT OPERATOR	RO	DATE SIGNED	MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.	the terms and conditions on the rebut are not limited to, PAYMENT LIMITED WARRANTY provisions	LEGAL TERMS: Customic	CX C	185	278	279	J	290	245	PRICE SECO	REFERRAL LOCATION	3	2. Mss Oly	Services, 1	
	STOMER ACCEPTANCE OF MATE	TIME SIGNED A.M.	OR CUSTOMER'S AGENT PRIOR TO	the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.	LEGAL TERMS: Customer hereby acknowledges and agrees to		7 //	2	NV				SECONDARY REFERENCE/ ACCOUNTING PART NUMBER LOC ACCT [INVOICE INSTRUCTIONS	WELL TYPE	TICKET TYPE CONTRACTOR		× 300
ARPROVAL	CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on the services.		P.O. BOX 466 NESS CITY, KS 67560	nd SWIFT SERVICES, INC.		Drayage	Che	CALCIUM Chlorido	Symphonid Cement		Kimp Charge Shawin	MILEAGE TEL ///	TING DESCRIPTION	Gevelopment Showow	WELL CATEGORY JOB PURPOSE	LEASE /	CITY, STATE, ZIP CODE	ADDRESS TONNESSON WARRIOF IN
modes receipt of the materials and services its	Windrage receipt of the materials and continue in	0	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?		SURVEY AGREE UNDECIDED DISAGREE	516 pm 70 pm	mr 150 15x 1	4 × ×	105/	4 (90	1 Suit. 18		QTY. U/M QTY. U/M	Suit.	WELL PERMIT NO.	STATE CITY SHIPPED DELIVERED TO		INIC
sted on this ticket.	STORP	TOTAL DAY, 22	24 12 Sixty	PAGE TOTAL OXX	1	00 516 00	2 00 300 00	182 00	16 00 2400 00	84	1200,00 /200 00		UNIT AMOUNT		WELL LOCATION	DATE OWNER 12-13-23 ORDER NO.	PAGE OF	56449

SWIFT OPERATOR

ARPROVAL

Thank You!

SWIFT Services. Inc. PAGE NO. JOB LOG 12-13-23 LEASE Unit CUSTOMER WELL NO. PUMPS VOLUME PRESSURE (PSI) DESCRIPTION OF OPERATION AND MATERIALS (BBL) (GAL) TUBING CASING 1330 Cocarion csg- 85/8 300 300 TOB Complete Thanks Davis, Sery & JAN

	3615'			3521'	3500'	3266'	3241'	3216'	2972'	1230	12351	1195'	Sample tops	Ellis State I	Twp. 12s Rge.	FOCUTION TOSS FINE & 2020 FEE	TI ENII & 26201 EE	Field Windholz	13-021-2/103-0000	27105 0000	Huser Unit No.	American Warrior, Inc.			ARDROE DI		
	3615' -1567			2521' -1473	3500' -1452			3216' -1168	2972' -924	1250		1196' +852	Log Tops Datum	Kansas	16w			Produ	Surface	_	o. 1-32 $ _{GL}^{Df}$		_	(Drilling Time and Sample Log	Geologic Report	
Heuer A #1	67			-1480 (+7)		18 -1224 (+6)		68 -1174 (+6)	24			52 +847 (+5)	um Struct Comp	_	MEL, BHCS	Electrical Surveys		Production None	ce 8 5/8" @ 226'	Casing Record	2040'	2048'		(ple Log		
															been examined th	Tests were condu	The location for			0.1	Mud Type	Displacement	Geological Supervision From	Samples Examined From	Drilling Time Kept From	Commenced	0
															been examined the decision was made to plug and abandon the Huser Unit	The new Well ran structurally as expected via the survey. Three Drill Stem Tests were conducted, all of which were negative. After all gathered data h	The location for the Huser Umt #1-32 was found via 3-D seismic survey.	Summary and R	ì		Chemical	2834'	ion From 2950'	From 2950'	rom	12-13-2023	
Hard Rock C		Respectfi													to plug and aband	re negative. After a	-32 was found via 3-	Summary and Recommendations					0' To		0' To	ompleted	
Jason 1 Am Hard Rock Consulting, Inc.	VI _m	Respectfully Submitted,														Survey. Inree Driii Stem Affer all gathered data had	-D seismic survey.						RTD	RTD	RTD	12-19-2023	. (
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5		3		2890 - - - 2900 - - - 2910																							
>		1		- 2920 - - - - 2930																							
3			<	- 2940 - - - - 2950 -				1		Ls - ˈ w/ gɪ			gry, :	s <mark>u</mark> bxl	n, dns	, me	ottl	ed									
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5				3240 - 3250 - 3260	3					Ls - pcs s Sh -	Of d o Gr	fwh- ol y- bi	lt gr		<u>93</u> oxln, o	lns,	fev	V	(}							
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- X		5	5	3460 - 3460 - - - 3470						nsfo, Sh - E Sh - C	no 3lk, Gry	odor, carb -brn	most	ly dns	, ool in				7					\{ \{ \}	\(\frac{1}{2} \)	}	
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American Warrior Inc

32-12S-16W Ellis Huser Unit 1-32

Tester:

Unit No:

PO Box 399

Garden City, KS 67846

ATTN: Jason Alm

Job Ticket: 71098 **DST#:1**

Test Start: 2023.12.17 @ 11:18:00

Leal Cason

72

GENERAL INFORMATION:

Formation: LKC "C-F"

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

Time Tool Opened: 12:46:32
Time Test Ended: 16:12:17

Interval: 3275.00 ft (KB) To 3354.00 ft (KB) (TVD)

Total Depth: 3354.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2048.00 ft (KB)

2040.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8372 Inside

Press@RunDepth: 73.48 psig @ 3351.00 ft (KB) Capacity: psig

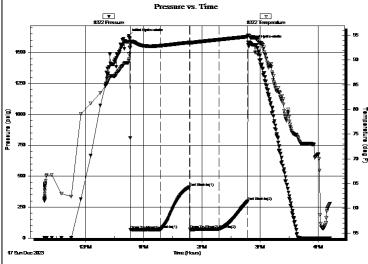
 Start Date:
 2023.12.17
 End Date:
 2023.12.17
 Last Calib.:
 2023.12.17

 Start Time:
 11:18:01
 End Time:
 16:12:17
 Time On Btm:
 2023.12.17 @ 12:45:02

 Time Off Btm:
 2023.12.17 @ 14:47:32

TEST COMMENT: IF: Weak Blow, Built to 2.67"

ISI: No Blow Back FF: Weak Surface Blow FSI: No Blow Back



		Г	\L330I\	L SUMMAN
Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	1635.64	90.11	Initial Hydro-static
	2	67.24	93.10	Open To Flow (1)
	33	70.58	92.91	Shut-In(1)
_	63	412.35	93.54	End Shut-In(1)
Temperature (deg F)	63	70.41	93.53	Open To Flow (2)
	93	73.48	94.13	Shut-In(2)
9	123	297.03	94.79	End Shut-In(2)
J	123	1581.04	95.03	Final Hydro-static

PRESSURE SUMMARY

Recovery

Description	Volume (bbl)
Mud	0.10
	·

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

Trilobite Testing, Inc Ref. No: 71098 Printed: 2023.12.17 @ 16:41:02



American Warrior Inc 32-12S-16W Ellis

PO Box 399

Garden City, KS 67846

Job Ticket: 71098

Huser Unit 1-32

DST#: 1

ATTN: Jason Alm Test Start: 2023.12.17 @ 11:18:00

GENERAL INFORMATION:

Formation: LKC "C-F"

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

Time Tool Opened: 12:46:32 Tester: Leal Cason
Time Test Ended: 16:12:17 Unit No: 72

Interval: 3275.00 ft (KB) To 3354.00 ft (KB) (TVD) Reference ⊟evations: 2048.00 ft (KB)

Total Depth: 3354.00 ft (KB) (TVD) 2040.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8365 Outside

Press@RunDepth: psig @ 3351.00 ft (KB) Capacity: psig

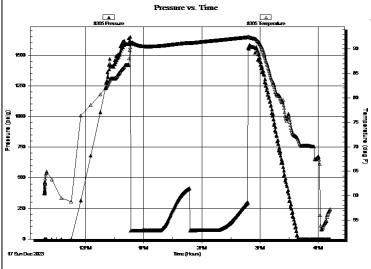
Start Date: 2023.12.17 End Date: 2023.12.17 Last Calib.: 2023.12.17

 Start Time:
 11:18:01
 End Time:
 16:12:17
 Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Weak Blow , Built to 2.67"

ISI: No Blow Back FF: Weak Surface Blow FSI: No Blow Back



Р	RESSU	RE	SUM	IMARY	
					_

_				
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
i				
Tamparatura (dag F)				
3				

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud	0.10

Gas Rates

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

Trilobite Testing, Inc Ref. No: 71098 Printed: 2023.12.17 @ 16:41:02



FLUID SUMMARY

ppm

DST#: 1

American Warrior Inc 32-12S-16W Ellis

PO Box 399 Huser Unit 1-32

Garden City, KS 67846 Job Ticket: 71098

ATTN: Jason Alm Test Start: 2023.12.17 @ 11:18:00

Serial #:

Mud and Cushion Information

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

Mud Weight: Cushion Length: 9.00 lb/gal ft bbl

Viscosity: 54.00 sec/qt Cushion Volume:

Water Loss: 5.80 in³ Gas Cushion Type:

Resistivity: Gas Cushion Pressure: ohm.m psig

Salinity: 2500.00 ppm Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 71098 Printed: 2023.12.17 @ 16:41:02

80

85

90

95

65

70

75

Temperature (deg F)

55

60

Temperature (deg F)



Mai Oil Operation

4-15S-14W/Russell

8411 Preston Rd STE 800

Dallas TX 75225

Job Ticket: 69405

Krug 2

DST#: 2

ATTN: Jim Musgrove

Test Start: 2023.12.17 @ 08:20:00

GENERAL INFORMATION:

Formation: Topeka

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:59:30 Time Test Ended: 14:17:00

2825.00 ft (KB) To 2900.00 ft (KB) (TVD)

Total Depth: 2900.00 ft (KB) (TVD)

Hole Diameter: 7.79 inches Hole Condition: Good Test Type: Conventional Bottom Hole (Reset) Tester: Richie Samora

Unit No: 66

1776.00 ft (KB)

Reference Bevations:

1766.00 ft (CF) KB to GR/CF: 10.00 ft

Serial #: 8355

Press@RunDepth:

Start Date:

Start Time:

Interval:

Inside

72.72 psig @ 2023.12.17

08:20:05

2874.00 ft (KB) End Date:

End Time:

2023.12.17 14:16:59 Capacity:

8000.00 psig

Last Calib.: Time On Btm:

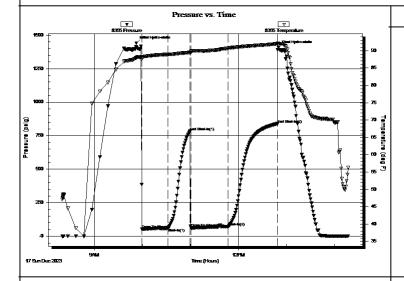
1899.12.30 2023.12.17 @ 09:52:30

Time Off Btm:

2023.12.17 @ 12:50:00

TEST COMMENT: 30-IF: Fair blow built to 5.5"

30-ISI: No blow back 45-FF: Fair blow built to 5.75" 60-FSI: No blow back



PRESSURE SUMMARY Pressure Temp Annotation

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1439.36	87.98	Initial Hydro-static
7	51.65	88.12	Open To Flow (1)
39	61.89	88.89	Shut-In(1)
67	782.68	89.49	End Shut-In(1)
68	62.73	89.71	Open To Flow (2)
115	72.72	90.71	Shut-In(2)
176	839.16	91.95	End Shut-In(2)
178	1405.87	91.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	WCM 45%W 55%M	0.28
50.00	OCWM 15%O 35%W 55%M	0.70
* Recovery from mul	tiple tests	

Gas Rates

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

Trilobite Testing, Inc Ref. No: 69405 Printed: 2023.12.18 @ 09:05:56



Mai Oil Operation

4-15S-14W/Russell

8411 Preston Rd STE 800 Dallas TX 75225

Krug 2

Job Ticket: 69405

DST#: 2

ATTN: Jim Musgrove

Test Start: 2023.12.17 @ 08:20:00

Test Type: Conventional Bottom Hole (Reset)

GENERAL INFORMATION:

Formation: Topeka

Time Tool Opened: 09:59:30

Time Test Ended: 14:17:00

Deviated: No Whipstock: ft (KB)

> Tester: Richie Samora

Unit No: 66

1776.00 ft (KB)

2825.00 ft (KB) To 2900.00 ft (KB) (TVD)

Reference ⊟evations:

1766.00 ft (CF)

Total Depth: 2900.00 ft (KB) (TVD) Hole Diameter: 7.79 inches Hole Condition: Good

KB to GR/CF:

10.00 ft

Serial #: 8289 Press@RunDepth: Outside

2874.00 ft (KB) psig @

2023.12.17

8000.00 psig

Start Date:

2023.12.17

End Date: End Time:

Last Calib.: Time On Btm: 14:16:45

1899.12.30

Start Time:

Interval:

08:20:01

Capacity:

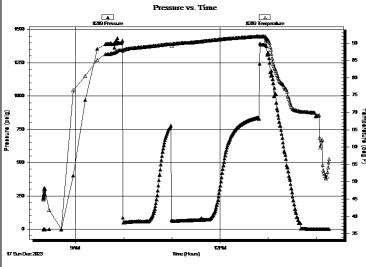
Time Off Btm:

TEST COMMENT: 30-IF: Fair blow built to 5.5"

30-ISI: No blow back

45-FF: Fair blow built to 5.75"

60-FSI: No blow back



PRESSURE SUMMARY

1	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
1				
Temperatura (den E)				
9				

Recovery

Length (ft)	Description	Volume (bbl)				
20.00	WCM 45%W 55%M	0.28				
50.00	OCWM 15%O 35%W 55%M	0.70				
* Recovery from mult	* Recovery from multiple tests					

Gas Rates

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

Trilobite Testing, Inc Ref. No: 69405 Printed: 2023.12.18 @ 09:05:56



FLUID SUMMARY

Mai Oil Operation

4-15S-14W/Russell

8411 Preston Rd STE 800 Dallas TX 75225

Krug 2

ft

bbl

Job Ticket: 69405

Serial #:

DST#: 2

ATTN: Jim Musgrove

Test Start: 2023.12.17 @ 08:20:00

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight:

Oil API:

deg API

Resistivity:

9.00 lb/gal 50.00 sec/qt Cushion Type: Cushion Length: Cushion Volume:

Water Salinity: 4100 ppm

Viscosity: Water Loss:

9.59 in³ ohm.m Gas Cushion Type:

Gas Cushion Pressure: psig

Salinity: 6500.00 ppm Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	WCM 45%W 55%M	0.281
50.00	OCWM 15%O 35%W 55%M	0.701

Total Length: 70.00 ft Total Volume: 0.982 bbl

Num Fluid Samples: 0 Num Gas Bombs:

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 69405 Printed: 2023.12.18 @ 09:05:57 Trilobite Testing, Inc.

Ref. No:

35

40

45

50

55

60

65

Temperature (deg F)

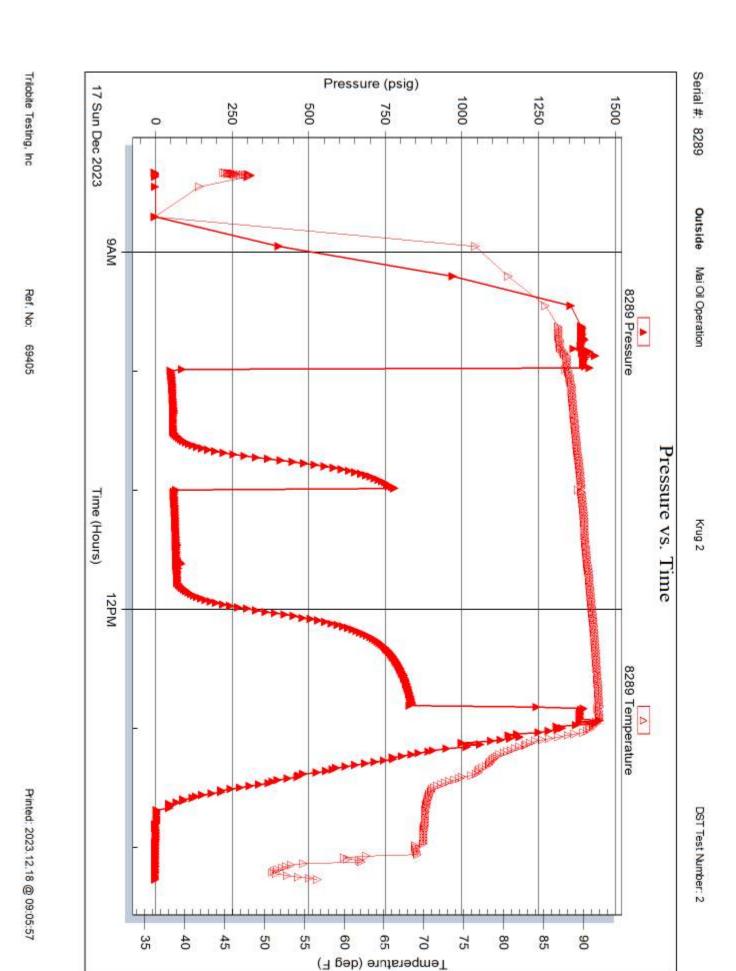
70

75

90

85

80





American Warrior Inc

Huser Unit 1-32

32-12S-16W Ellis

PO Box 399

Job Ticket: 71100

DST#: 3

Garden City, KS 67846

Test Start: 2023.12.18 @ 17:57:00

ATTN: Jason Alm

GENERAL INFORMATION:

Formation: Arbuckle

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

Time Tool Opened: 19:58:17 Tester: Leal Cason
Time Test Ended: 00:31:02 Unit No: 72

Interval: 3497.00 ft (KB) To 3535.00 ft (KB) (TVD)

Total Depth: 3535.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2048.00 ft (KB)

2040.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8372 Inside

Press@RunDepth: 146.62 psig @ 3503.00 ft (KB) Capacity: psig

 Start Date:
 2023.12.18
 End Date:
 2023.12.19
 Last Calib.:
 2023.12.19

 Start Time:
 17:57:01
 End Time:
 00:31:02
 Time On Btm:
 2023.12.18 @ 19:57:17

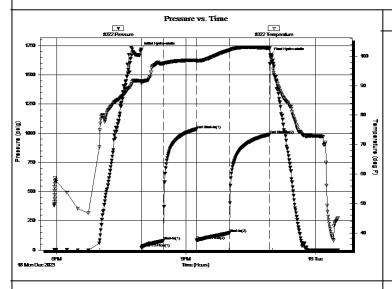
Time Off Btm: 2023.12.18 @ 22:57:47

TEST COMMENT: IF: Fair Blow, BOB in 26 minutes, Built to 13.87"

ISI: No Blow Back

FF: Fair Blow, BOB in 31 minutes, Built to 16.89"

FSI: No Blow Back



PRESSURE SUMMARY				
Pressure	Temp	Annotation		

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1716.33	91.64	Initial Hydro-static
1	21.58	90.76	Open To Flow (1)
32	79.96	97.53	Shut-In(1)
77	1033.99	98.65	End Shut-In(1)
78	84.54	98.29	Open To Flow (2)
123	146.62	102.08	Shut-In(2)
179	990.12	102.73	End Shut-In(2)
181	1672.64	99.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)			
62.00	Water	0.60			
258.00	MCW 14%M 86%W	3.62			
50.00	SOSMCW -1%O 40%M 59%W	0.70			
* Recovery from mu	* Recovery from multiple tests				

Gas Rates

Cr	noke (inches)	Pressure ((psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc Ref. No: 71100 Printed: 2023.12.19 @ 07:46:10



American Warrior Inc

PO Box 399

Garden City, KS 67846

ATTN: Jason Alm

32-12S-16W Ellis

Huser Unit 1-32

Job Ticket: 71100 DST#: 3

Leal Cason

Test Start: 2023.12.18 @ 17:57:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:58:17 Time Test Ended: 00:31:02

Interval: 3497.00 ft (KB) To 3535.00 ft (KB) (TVD)

Total Depth: 3535.00 ft (KB) (TVD)

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

Unit No: 72

Tester:

2048.00 ft (KB)

Reference Elevations:

2040.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8365 Outside

Press@RunDepth: 3503.00 ft (KB) psig @ Capacity: psig

Start Date: 2023.12.18 End Date: 2023.12.19 Last Calib.: 2023.12.19

Start Time: 17:57:01 End Time: Time On Btm: 00:31:02

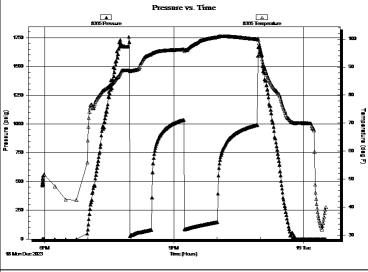
Time Off Btm:

TEST COMMENT: IF: Fair Blow , BOB in 26 minutes, Built to 13.87"

ISI: No Blow Back

FF: Fair Blow, BOB in 31 minutes, Built to 16.89"

FSI: No Blow Back



PRESSURE	SUMMARY
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	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
Temperature (deg F)				
9				
J				

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Water	0.60
258.00	MCW 14%M 86%W	3.62
50.00	SOSMCW -1%O 40%M 59%W	0.70
* Recovery from mul	tiple tests	

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)	
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Ref. No: 71100 Printed: 2023.12.19 @ 07:46:11 Trilobite Testing, Inc



FLUID SUMMARY

American Warrior Inc 32-12S-16W Ellis

PO Box 399 Huser Unit 1-32

Garden City, KS 67846 Job Ticket: 71100 DST#:3

ATTN: Jason Alm Test Start: 2023.12.18 @ 17:57:00

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: 32000 ppm

Viscosity: 50.00 sec/qt Cushion Volume: bbl

Water Loss: 6.00 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 2600.00 ppm Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl	
62.00	Water	0.596	
258.00	MCW 14%M 86%W	3.619	
50.00	SOSMCW -1%O 40%M 59%W	0.701	

Total Length: 370.00 ft Total Volume: 4.916 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW was .38 @ 40 degrees

Trilobite Testing, Inc Ref. No: 71100 Printed: 2023.12.19 @ 07:46:11

