

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1354219
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

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: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1354219

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
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 / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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CHARGE TO: American Warrior
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET 30128

PAGE 1 OF 1

SERVICE LOCATIONS: Wash City, KS
 WELL/PROJECT NO.: 1-7 LEASE: Slaughter COUNTY/PARISH: Ellis STATE: KS CITY: Ellis DATE: 6 Jan 17 OWNER:
 CONTRACTOR: Discovery RIG NAME/NO.: 2 SHIPPED VIA: CT DELIVERED TO: location ORDER NO.:
 WELL TYPE: oil WELL CATEGORY: Development JOB PURPOSE: cement surface pipe WELL PERMIT NO.: WELL LOCATION: 7-13-19
 REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE	20	mi			5.00	100.00
576S		1			Pump Charge	1	ea			800.00	800.00
325		1			Standard cement	150	sk			12.25	1837.50
279		1			Bentonite gel	3	sk			25.00	75.00
278		1			calcium chloride	7	sk			40.00	280.00
290		1			D-AIR	1	gal			42.00	42.00
581		1			service charge	150	sk			1.50	225.00
582		1			Drayage (MTR)	14750	lb	1	ea	250.00	250.00

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 LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X
 DATE SIGNED: TIME SIGNED: A.M. P.M.
2:20

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				3609.50
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Ellis Co. TAX 7.0% 156.42
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL 3765.92
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR: ABC Bell APPROVAL:

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 6 Jan 17 PAGE NO.

CUSTOMER American Warrior WELL NO. 1-7 LEASE Slaughter JOB TYPE cement surface pipe TICKET NO. 30128

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								150 sk STANDARD cement w/ 2% gel 3% CC 8 5/8" x 24" casing 5 joints TD = 219'
	1830							on loc TRK 114
	1945							start 8 5/8" x 24" casing in well
	2030							circulate well
	2035	4 1/2	38				200	mix STD 2% 3% 150 sk @ 14.7 ppgr
	2055	4 1/2					200	Displace w/ H ₂ O
	2100	4	13				200	→ cement to surface ← Kickout
	2105							shot on 8 5/8 wash truck
	2140							Rack up
	2200							job complete
								Thanks Flint, Blaine, & ISAAC

150 sk mixed
20 sk to pit



CHARGE TO: American Warriors Inc
 ADDRESS: P.O. Box 399
 CITY, STATE, ZIP CODE: Garden City, Ks

TICKET 29370

PAGE 1 OF 12

SERVICE LOCATIONS: 1. Ness City, Ks; 2. Ness City, Ks; 3. ; 4. REFERRAL LOCATION

WELL/PROJECT NO.: 1-7
 LEASE: Slaughter
 COUNTY/PARISH: Ellis
 STATE: Ks
 CITY: Ness City, Ks
 DATE: 1-14-2017
 OWNER: Same

TICKET TYPE: SERVICE SALES
 CONTRACTOR: Discovera Drilling rig #2
 RIG NAME/NO.:
 SHIPPED VIA:
 DELIVERED TO: Ellis, Ks.
 ORDER NO.:

WELL TYPE: oil
 WELL CATEGORY: Re-development
 JOB PURPOSE: new well - Long string
 WELL PERMIT NO.:
 WELL LOCATION:

INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE Trk #111	20		N		5.00	100.00
578		1			Pump Charge	1	3925		#	1250.00	1250.00
281		1			Mud flush	500		gal		1.25	625.00
221		1			Liquid KCL	2		gal		25.00	50.00
407		1			Insert Float shoe	1		ea		300.00	300.00
406		1			latch down plug & bottle	1		ea		225.00	225.00
404		1			Port collar	1	1483		#	2500.00	2500.00
402		1			Centralizers	7		ea		60.00	420.00
403		1			Cement Baskets	7		ea		250.00	1750.00

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 LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *[Signature]*
 DATE SIGNED: 1-14-2017
 TIME SIGNED: 09:00
 A.M.
 P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					5720.00
WE UNDERSTOOD AND MET YOUR NEEDS?				Contractor	4414.00
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Total	10,134.00
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Ellis Co. TAX 7.0%	577.24
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	10711.24
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR: *[Signature]* APPROVAL: _____

Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 29370

CUSTOMER American Warrior Inc WELL Slaughter 1-7 DATE 1-14-2017 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
325		2				Standard Cement	175	sk			92.25	2143.75
284		2				Cal seal	8	sk			30.00	240.00
283		2				Salt	900	lbs			20	180.00
292		2				Halad 322	150	lbs			8.00	1200.00
276		2				Florele	50	lbs			2.25	112.50
581		2				SERVICE CHARGE						
583		2				MILEAGE CHARGE						
						TOTAL WEIGHT	18,350					
						LOADED MILES	40					
						CUBIC FEET			175	sk		262.50
						TON MILES			367			275.25

CONTINUATION TOTAL 4414.00

JOB LOG

SWIFT Services, Inc.

DATE 1-14-2017 PAGE NO. #11

CUSTOMER American Warrior WELL NO. 1-7 LEASE Slaughter JOB TYPE Long string TICKET NO. 29370

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	03:30							Called out
	09:00							On Location / Rig Laying down drill pipe TD = 3925
	11:15							Start Csg. Joints 2, 57, 89, 95, 96, 97 are out Centralizers on collars of 1, 4, 6, 8, 10, 12 & 58 Cmt Basket sliding on 58 Port collar on Jt 57 per Appx 1483
	12:45							Csg on bottom, Hooked up & drop ball
	13:00							Started circulating
	13:40	1	6					Plug ret held 305k
	13:42	1	3					Plug mouse hole 15k
	13:45	4	12					500 mud plug
	13:50	4	20					20 bbl KCT spurt
	13:53						300	mix 130 lbs EA-2
	14:00	5	33				0	Done mixing - wash out lines
	14:05						0	Start displacement
	14:20	5	91				800	Done w/ displacement
	14:25						1500	Landd plug at 1500 PSI
	14:30							Released pressure - float held
	14:35							Washed up trk
	14:45							Rack up trks
	15:00							Job Completed

Thank you

Ed, Wagon & Dents

JOB LOG

SWIFT Services, Inc.

DATE 1-27-17 PAGE NO.

CUSTOMER American Warrior WELL NO. 1-7 LEASE SLAUGHTER JOB TYPE Port Collar TICKET NO. 29936

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							ON LOCATION
								2 3/8 x 5 1/2 Port Collar - 1479'
	1215					1	1500	TEST P.C. - Hold
	1220							open P.C. - get rate
	1225	4	0				600	START CMT
		4	85				1000	SHUT DOWN MIXING & let sit because of lost circ
		3	85				200	START CMT BACK UP
		3	125				900	END CMT
	1335	3	4.5				900	Disp * Did NOT circ CMT *
	1340						1500	close P.C. & test - Hold
								run 5 JOINTS TUBING Reverse OUT
	150	2.5	15					Job Complete
								Thanks DAVID, JON & ISAAC



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

3118 Cummings Rd
Garden City KS 67846

ATTN: Marc Downing/ Cecil

Slaughter #1-7

S7-13S-19W Ellis,KS

Start Date: 2017.01.10 @ 22:11:00

End Date: 2017.01.11 @ 04:27:30

Job Ticket #: 61874 DST #: 1

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

Printed: 2017.01.17 @ 08:40:04



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc.

S7-13S-19W Ellis,KS

3118 Cummings Rd
Garden City KS 67846

Slaughter #1-7

Job Ticket: 61874

DST#: 1

ATTN: Marc Downing/ Cecil

Test Start: 2017.01.10 @ 22:11:00

GENERAL INFORMATION:

Formation: **LKC 'E-F'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:54:15

Time Test Ended: 04:27:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Spencer J. Staab

Unit No: 84

Interval: 3543.00 ft (KB) To 3572.00 ft (KB) (TVD)

Reference Elevations: 2147.00 ft (KB)

Total Depth: 3572.00 ft (KB) (TVD)

2139.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8368

Inside

Press@RunDepth: 19.77 psig @ 3544.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.01.10

End Date:

2017.01.11

Last Calib.:

2017.01.11

Start Time: 22:11:15

End Time:

04:27:30

Time On Btm:

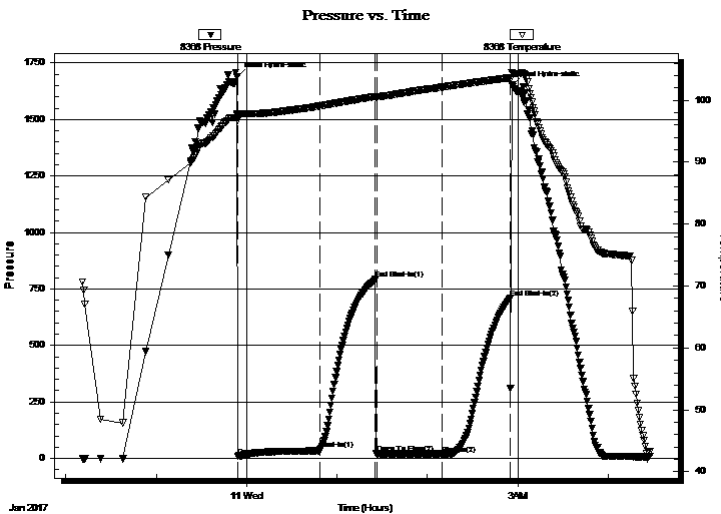
2017.01.10 @ 23:54:00

Time Off Btm:

2017.01.11 @ 02:56:15

TEST COMMENT: 45-IF-Very Weak Blow ; Built to 1 and 1/4"
45-ISI-No Blow Back
45-FF-Very Weak Surface Blow ; approximately 1/8"
45-FSI-No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1689.76	97.74	Initial Hydro-static
1	9.98	96.73	Open To Flow (1)
55	39.85	99.10	Shut-In(1)
92	792.08	100.62	End Shut-In(1)
93	20.42	100.54	Open To Flow (2)
136	19.77	102.13	Shut-In(2)
181	708.39	103.65	End Shut-In(2)
183	1648.71	104.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100% M	0.06

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

S7-13S-19W Ellis,KS

3118 Cummings Rd
Garden City KS 67846

Slaughter #1-7

Job Ticket: 61874

DST#: 1

ATTN: Marc Downing/ Cecil

Test Start: 2017.01.10 @ 22:11:00

Tool Information

Drill Pipe:	Length: 3254.00 ft	Diameter: 3.80 inches	Volume: 45.65 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 278.00 ft	Diameter: 2.50 inches	Volume: 1.69 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	54000.00 lb
			<u>Total Volume: 47.34 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	3543.00 ft			Final	52000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	29.00 ft				
Tool Length:	49.00 ft				
Number of Packers:	1	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3524.00	
Shut In Tool	5.00			3529.00	
Hydraulic tool	5.00			3534.00	
Packer	5.00			3539.00	20.00 Bottom Of Top Packer
Packer	4.00			3543.00	
Stubb	1.00			3544.00	
Recorder	0.00	9120	Outside	3544.00	
Recorder	0.00	8368	Inside	3544.00	
Perforations	24.00			3568.00	
Bullnose	4.00			3572.00	29.00 Bottom Packers & Anchor
Total Tool Length:	49.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

S7-13S-19W Ellis,KS

3118 Cummings Rd
Garden City KS 67846

Slaughter #1-7

Job Ticket: 61874

DST#: 1

ATTN: Marc Downing/ Cecil

Test Start: 2017.01.10 @ 22:11:00

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:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100% M	0.061

Total Length: 10.00 ft Total Volume: 0.061 bbl

Num Fluid Samples: 0

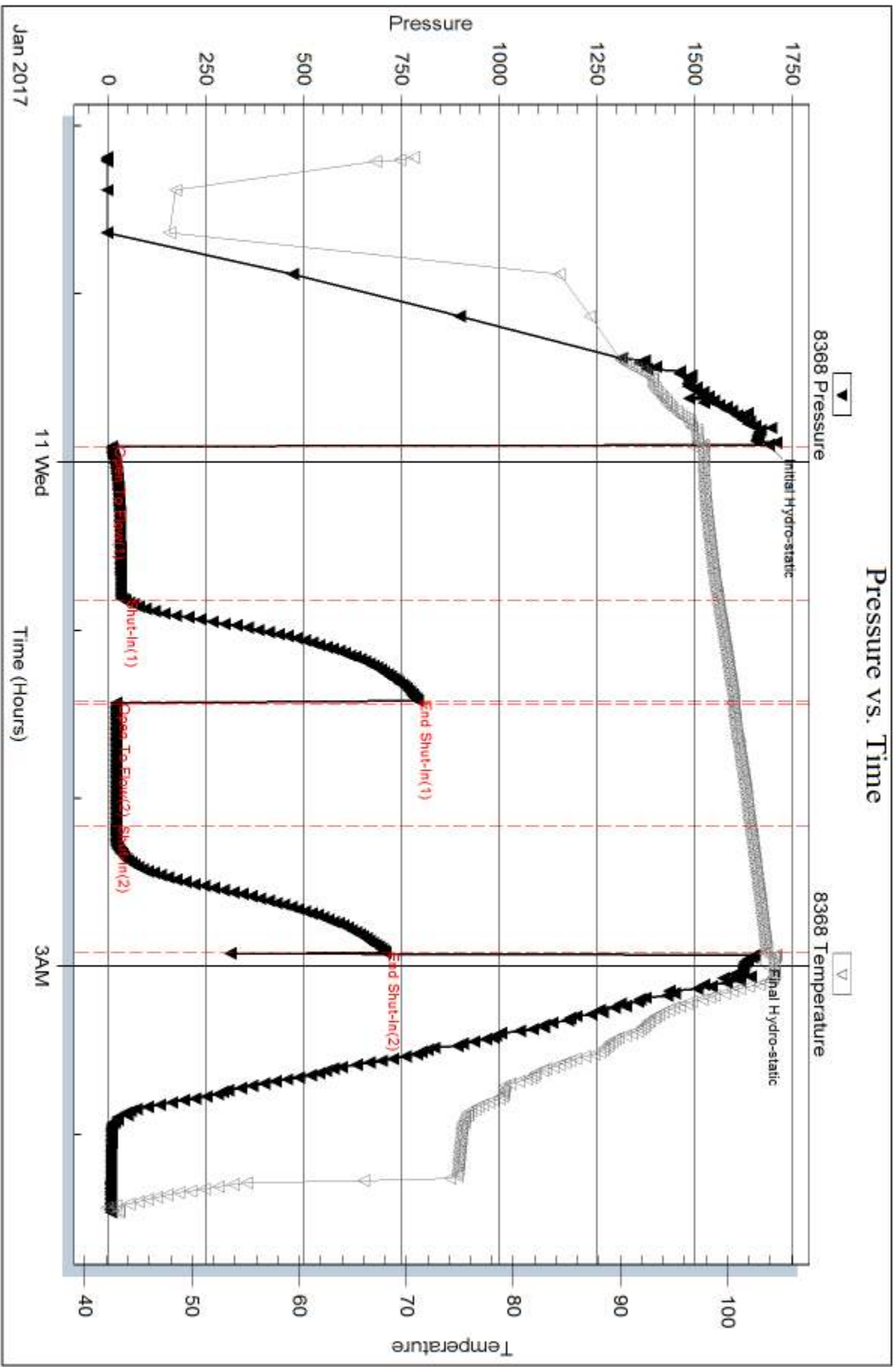
Num Gas Bombs: 0

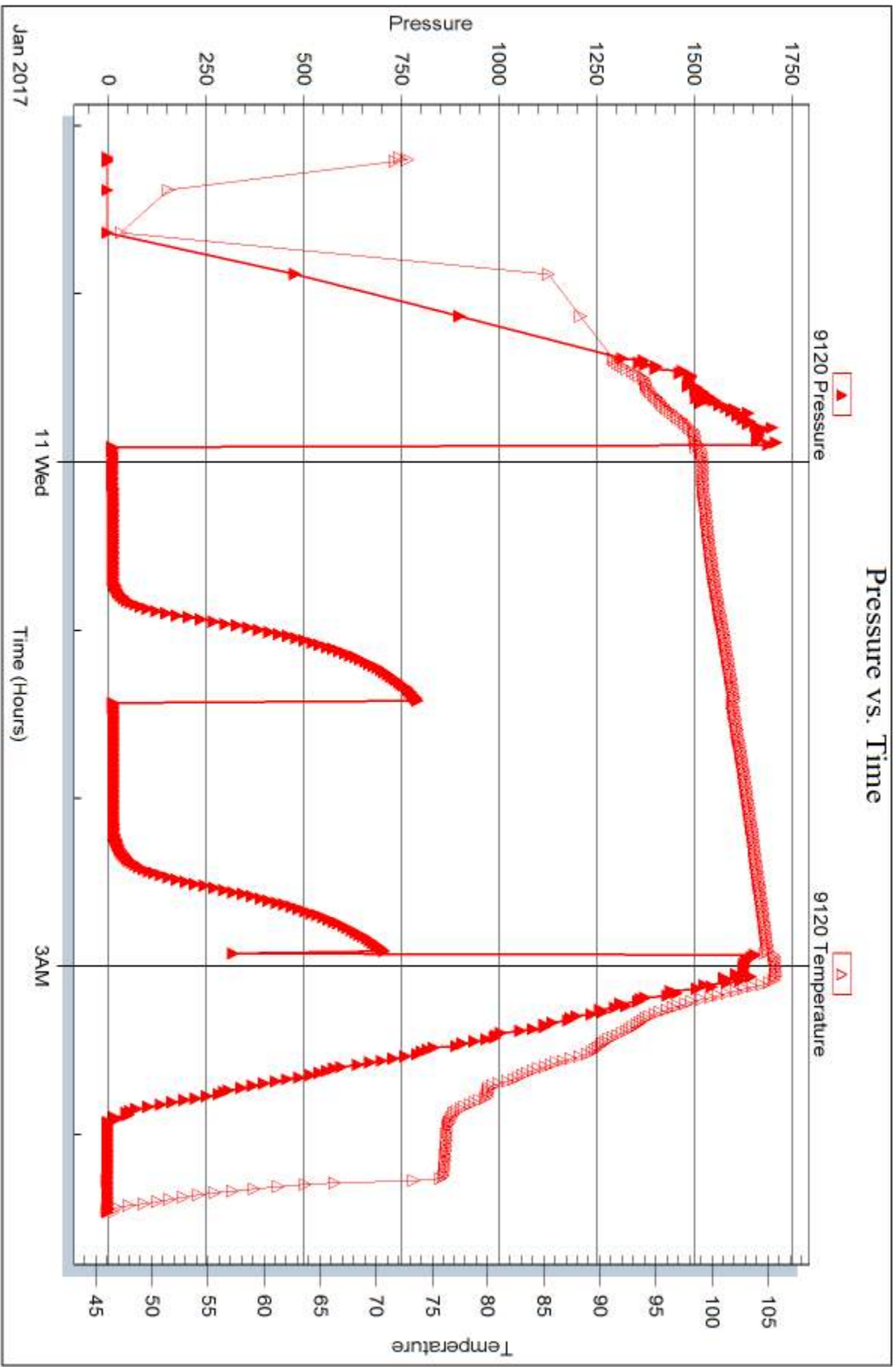
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

3118 Cummings Rd
Garden City KS 67846

ATTN: Marc Downing/ Cecil

Slaughter #1-7

S7-13S-19W Ellis,KS

Start Date: 2017.01.12 @ 00:24:00

End Date: 2017.01.12 @ 09:22:45

Job Ticket #: 61875 DST #: 2

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

Printed: 2017.01.17 @ 08:39:37



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.

S7-13S-19W Ellis,KS

3118 Cummings Rd
Garden City KS 67846

Slaughter #1-7

Job Ticket: 61875

DST#: 2

ATTN: Marc Downing/ Cecil

Test Start: 2017.01.12 @ 00:24:00

GENERAL INFORMATION:

Formation: **Conglomerate Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:49:00

Time Test Ended: 09:22:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J. Staab

Unit No: 84

Interval: 3779.00 ft (KB) To 3814.00 ft (KB) (TVD)

Reference Elevations: 2147.00 ft (KB)

Total Depth: 3814.00 ft (KB) (TVD)

2139.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8368

Inside

Press@RunDepth: 31.34 psig @ 3780.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.01.12

End Date:

2017.01.12

Last Calib.:

2017.01.12

Start Time: 00:24:15

End Time:

09:22:45

Time On Btm:

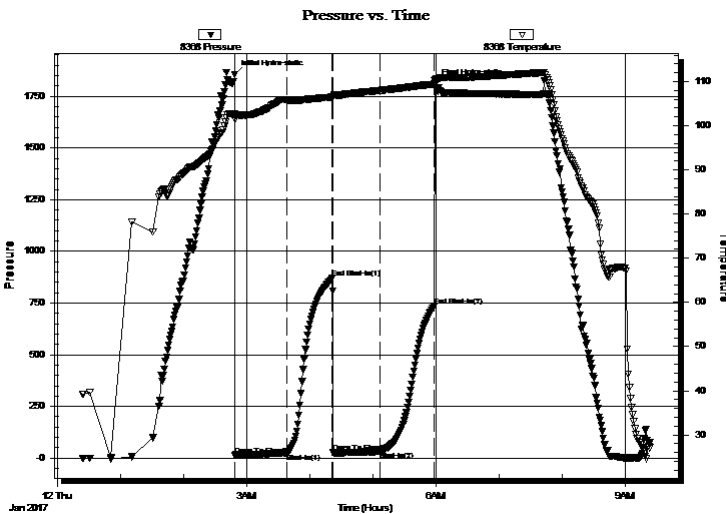
2017.01.12 @ 02:48:45

Time Off Btm:

2017.01.12 @ 05:58:30

TEST COMMENT: 45-IF-Weak Surface Blow ; Built slowly to 1 3/4"
45-ISI-No Blow Back
45-FF-Very Weak Surface Blow ; Built to 3/4"
45-FSI-No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1855.63	102.63	Initial Hydro-static
1	12.74	101.50	Open To Flow (1)
50	24.93	105.82	Shut-In(1)
93	869.53	106.50	End Shut-In(1)
94	26.39	106.55	Open To Flow (2)
139	31.34	108.00	Shut-In(2)
190	735.74	109.42	End Shut-In(2)
190	1809.96	110.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Clean Oil 100%O	0.06
20.00	OCM 5% O 95% M	0.12

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

S7-13S-19W Ellis,KS

3118 Cummings Rd
Garden City KS 67846

Slaughter #1-7

Job Ticket: 61875

DST#: 2

ATTN: Marc Downing/ Cecil

Test Start: 2017.01.12 @ 00:24:00

Tool Information

Drill Pipe:	Length: 3503.00 ft	Diameter: 3.80 inches	Volume: 49.14 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 278.00 ft	Diameter: 2.50 inches	Volume: 1.69 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 54000.00 lb
		Total Volume: 50.83 bbl		Tool Chased ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3779.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	63.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3752.00	
Shut In Tool	5.00			3757.00	
Hydraulic tool	5.00			3762.00	
Jars	5.00			3767.00	
Safety Joint	3.00			3770.00	
Packer	5.00			3775.00	28.00 Bottom Of Top Packer
Packer	4.00			3779.00	
Stubb	1.00			3780.00	
Recorder	0.00	9120	Outside	3780.00	
Recorder	0.00	8368	Inside	3780.00	
Perforations	30.00			3810.00	
Bullnose	4.00			3814.00	35.00 Bottom Packers & Anchor

Total Tool Length: 63.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

S7-13S-19W Ellis,KS

3118 Cummings Rd
Garden City KS 67846

Slaughter #1-7

Job Ticket: 61875

DST#: 2

ATTN: Marc Downing/ Cecil

Test Start: 2017.01.12 @ 00:24:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

24 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Clean Oil 100%O	0.061
20.00	OCM 5% O 95% M	0.121

Total Length: 30.00 ft Total Volume: 0.182 bbl

Num Fluid Samples: 0

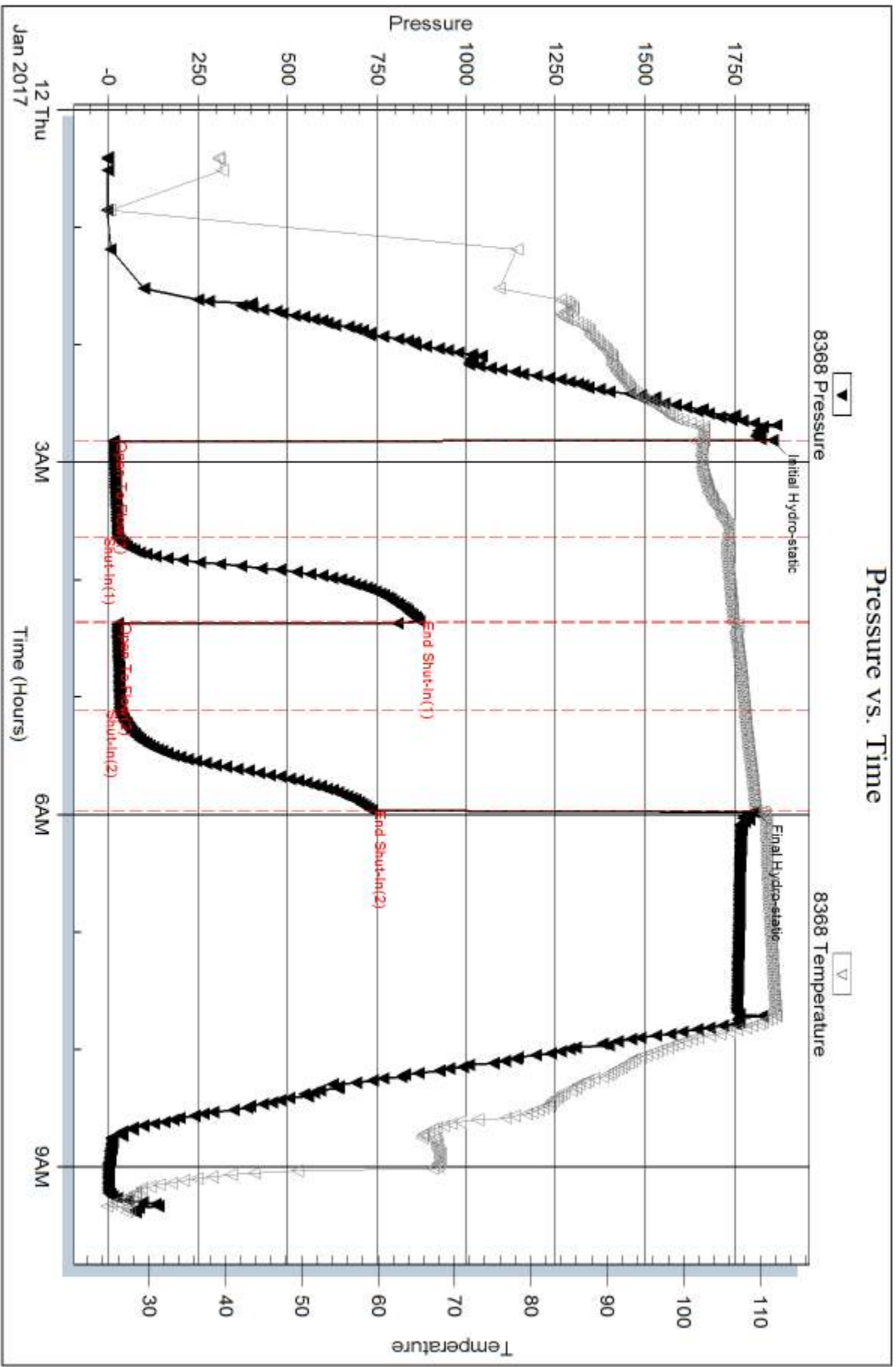
Num Gas Bombs: 0

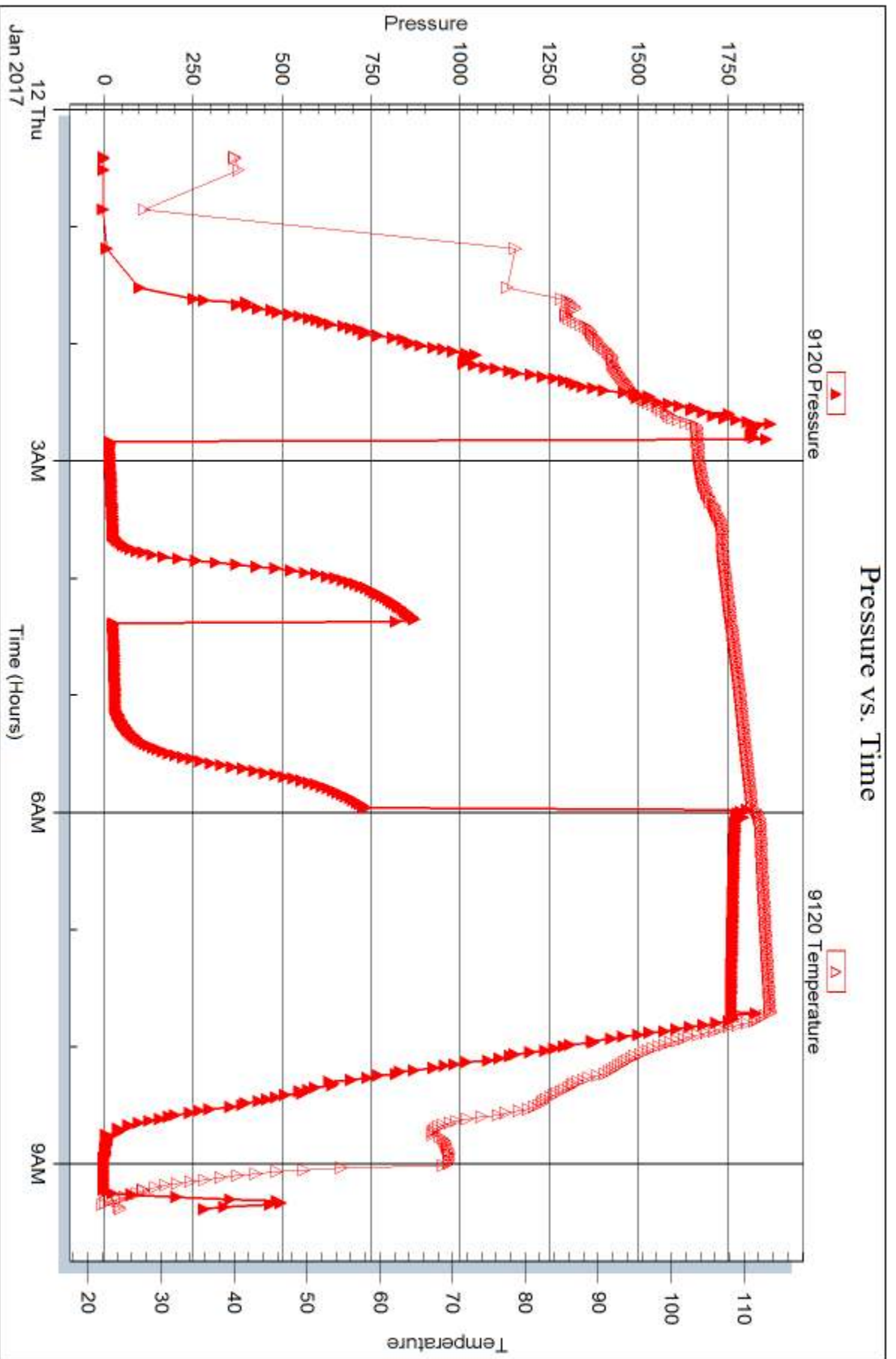
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

3118 Cummings Rd
Garden City KS 67846

ATTN: Marc Downing/ Cecil

Slaughter #1-7

S7-13S-19W Ellis,KS

Start Date: 2017.01.12 @ 15:26:00

End Date: 2017.01.12 @ 21:31:45

Job Ticket #: 64658 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.01.17 @ 08:39:12



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc.

S7-13S-19W Ellis,KS

3118 Cummings Rd
Garden City KS 67846

Slaughter #1-7

Job Ticket: 64658

DST#: 3

ATTN: Marc Downing/ Cecil

Test Start: 2017.01.12 @ 15:26:00

GENERAL INFORMATION:

Formation: **Conglomerate Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:58:15

Time Test Ended: 21:31:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J. Staab

Unit No: 84

Interval: **3778.00 ft (KB) To 3826.00 ft (KB) (TVD)**

Reference Elevations: 2147.00 ft (KB)

Total Depth: 3826.00 ft (KB) (TVD)

2139.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8368 Inside

Press@RunDepth: 36.01 psig @ 3783.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.01.12 End Date: 2017.01.12

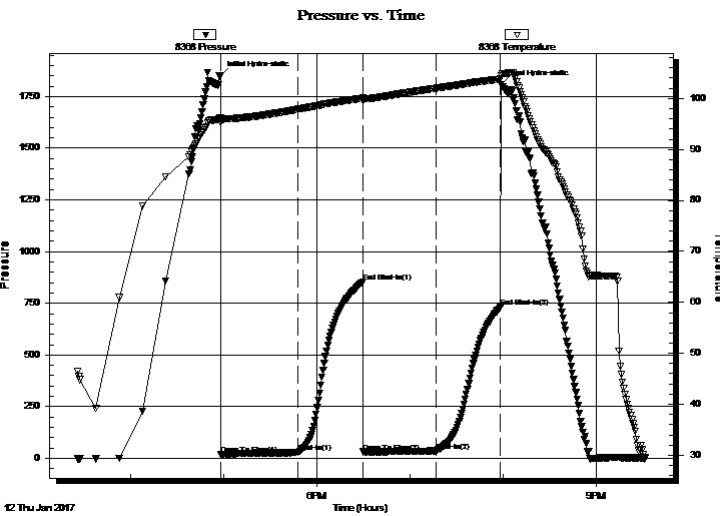
Last Calib.: 2017.01.12

Start Time: 15:26:15 End Time: 21:31:45

Time On Btm: 2017.01.12 @ 16:58:00

Time Off Btm: 2017.01.12 @ 19:59:00

TEST COMMENT: 45-IF-Fair Blow ; Built from 1/4" to 3 1/2"
45-ISI-Very Weak Surface Blow thru out
45-FF-Weak Blow ; Built from 1/8' to 1 3/4"
45-FSI-No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1850.50	96.15	Initial Hydro-static
1	17.98	95.26	Open To Flow (1)
51	28.38	97.87	Shut-In(1)
92	852.42	100.03	End Shut-In(1)
93	30.56	99.60	Open To Flow (2)
139	36.01	101.98	Shut-In(2)
181	731.75	103.78	End Shut-In(2)
181	1808.98	104.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Clean Oil 100% O	0.12
20.00	OCM 10% O 90% M	0.12

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

S7-13S-19W Ellis,KS

3118 Cummings Rd
Garden City KS 67846

Slaughter #1-7

Job Ticket: 64658

DST#: 3

ATTN: Marc Downing/ Cecil

Test Start: 2017.01.12 @ 15:26:00

Tool Information

Drill Pipe:	Length: 3510.00 ft	Diameter: 3.80 inches	Volume: 49.24 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 278.00 ft	Diameter: 2.50 inches	Volume: 1.69 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 50.93 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3778.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	68.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3759.00	
Shut In Tool	5.00			3764.00	
Hydraulic tool	5.00			3769.00	
Packer	5.00			3774.00	20.00 Bottom Of Top Packer
Packer	4.00			3778.00	
Stubb	1.00			3779.00	
Perforations	4.00			3783.00	
Recorder	0.00	9120	Outside	3783.00	
Recorder	0.00	8368	Inside	3783.00	
Perforations	5.00			3788.00	
Change Over Sub	1.00			3789.00	
Drill Pipe	32.00			3821.00	
Change Over Sub	1.00			3822.00	
Bullnose	4.00			3826.00	48.00 Bottom Packers & Anchor

Total Tool Length: 68.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

S7-13S-19W Ellis,KS

3118 Cummings Rd
Garden City KS 67846

Slaughter #1-7

Job Ticket: 64658

DST#: 3

ATTN: Marc Downing/ Cecil

Test Start: 2017.01.12 @ 15:26:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

24 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
20.00	Clean Oil 100% O	0.121
20.00	OCM 10% O 90% M	0.121

Total Length: 40.00 ft Total Volume: 0.242 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

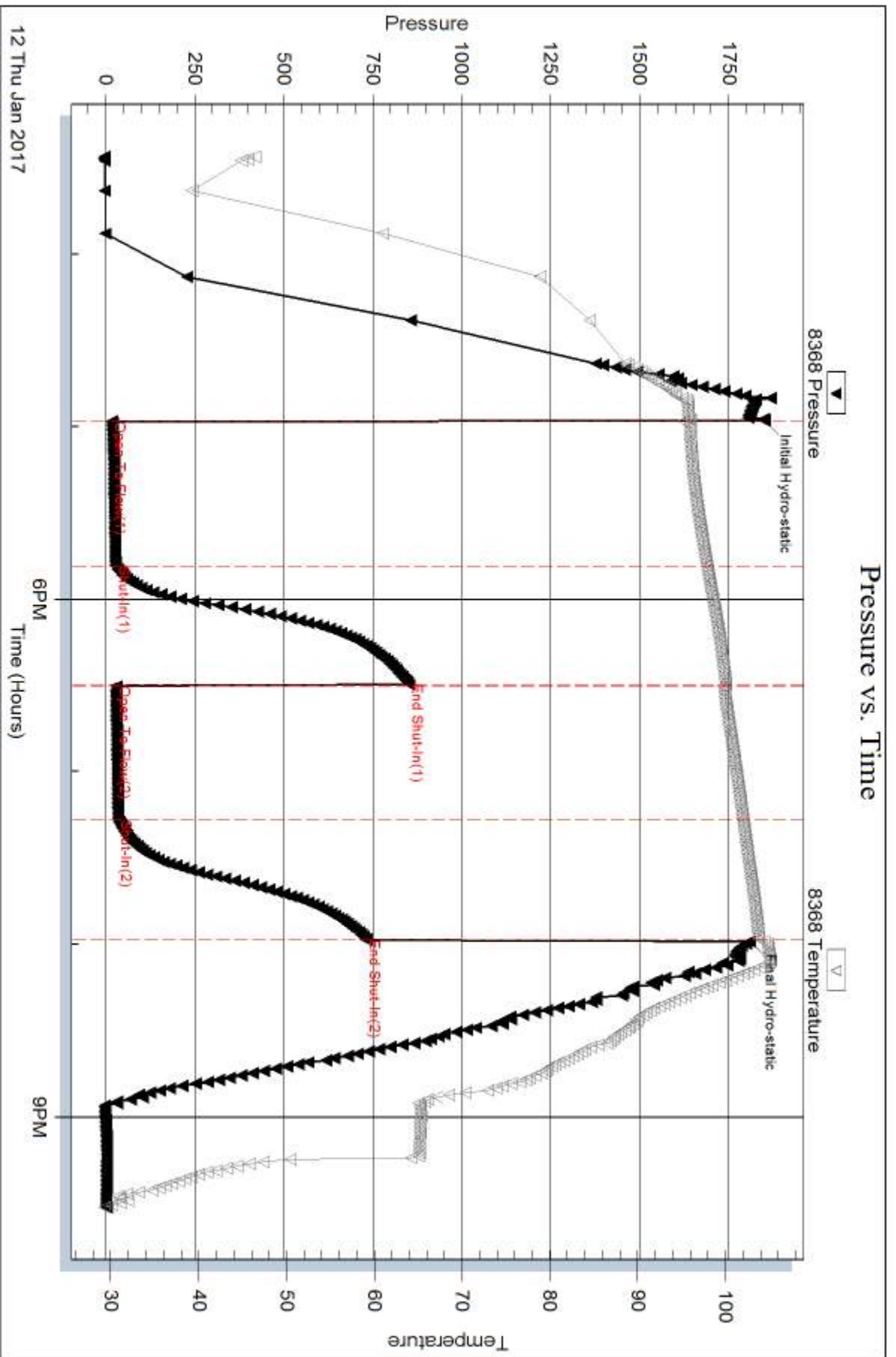
Serial #: 8368

Inside

American Warrior Inc.

Slaughter #1-7

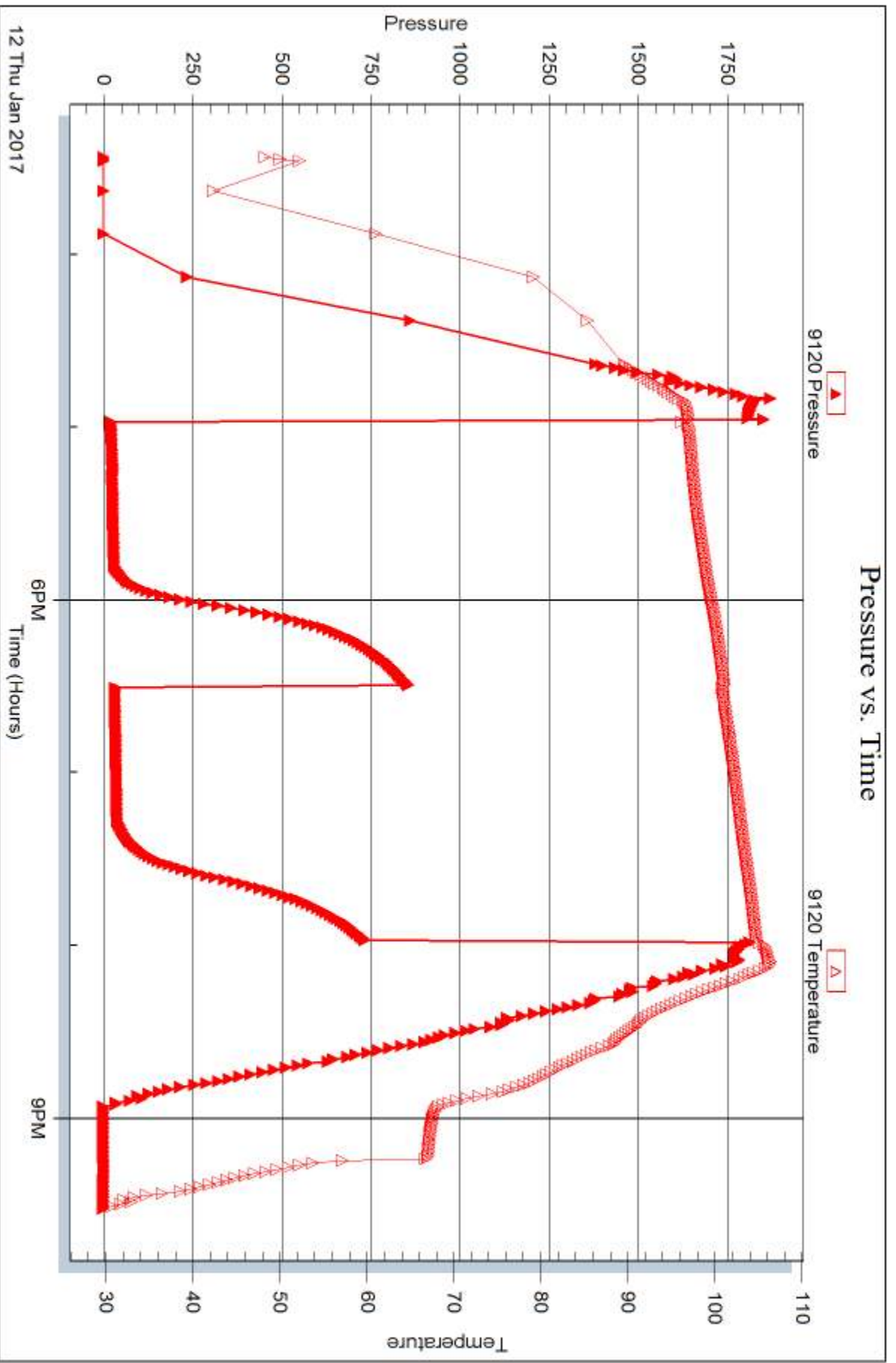
DST Test Number: 3



Triobite Testing, Inc

Ref. No: 64658

Printed: 2017.01.17 @ 08:39:13





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

3118 Cummings Rd
Garden City KS 67846

ATTN: Marc Downing/ Cecil

Slaughter #1-7

S7-13S-19W Ellis,KS

Start Date: 2017.01.13 @ 12:24:00

End Date: 2017.01.13 @ 18:36:30

Job Ticket #: 64659 DST #: 4

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

Printed: 2017.01.17 @ 08:38:39



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.

S7-13S-19W Ellis,KS

3118 Cummings Rd
Garden City KS 67846

Slaughter #1-7

Job Ticket: 64659

DST#: 4

ATTN: Marc Downing/ Cecil

Test Start: 2017.01.13 @ 12:24:00

GENERAL INFORMATION:

Formation: **Conglomerate Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:58:30

Time Test Ended: 18:36:30

Test Type: Conventional Straddle (Reset)

Tester: Spencer J. Staab

Unit No: 84

Interval: 3793.00 ft (KB) To 3839.00 ft (KB) (TVD)

Reference Elevations: 2147.00 ft (KB)

Total Depth: 3926.00 ft (KB) (TVD)

2139.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8368

Inside

Press@RunDepth: 46.93 psig @ 3797.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.01.13

End Date:

2017.01.13

Last Calib.: 2017.01.13

Start Time: 12:24:15

End Time:

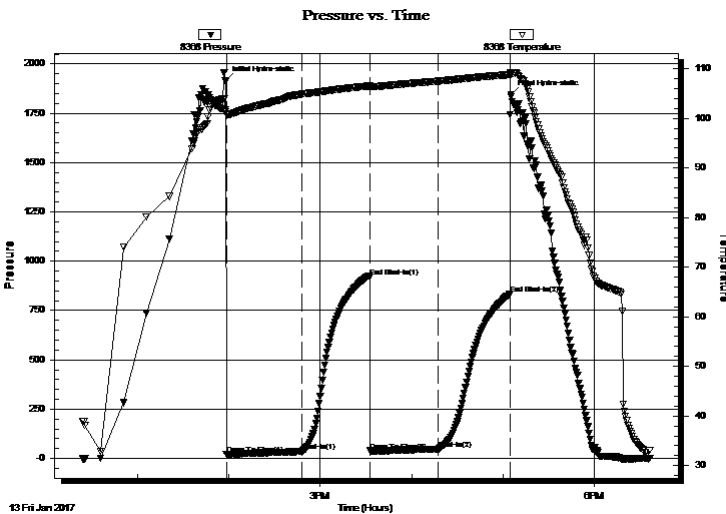
18:36:30

Time On Btm: 2017.01.13 @ 13:58:15

Time Off Btm: 2017.01.13 @ 17:05:00

TEST COMMENT: 45-IF-Fair Blow ; Built to 3 1/2"
45-ISI-Very Weak Surface Blow ; Built to 1/8"
45-FF-Weak Blow ; Built to 2"
45-FSI-No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1915.48	101.42	Initial Hydro-static
1	19.84	100.72	Open To Flow (1)
50	35.33	104.93	Shut-In(1)
94	918.34	106.54	End Shut-In(1)
95	38.48	106.21	Open To Flow (2)
140	46.93	107.52	Shut-In(2)
186	833.23	108.82	End Shut-In(2)
187	1845.59	108.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	OCM 5% O 95% M	0.24
30.00	OCM 25% O 75% M	0.18
5.00	Clean Oil 100% O	0.03

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

S7-13S-19W Ellis,KS

3118 Cummings Rd
Garden City KS 67846

Slaughter #1-7

Job Ticket: 64659

DST#: 4

ATTN: Marc Downing/ Cecil

Test Start: 2017.01.13 @ 12:24:00

Tool Information

Drill Pipe:	Length: 3516.00 ft	Diameter: 3.80 inches	Volume: 49.32 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 278.00 ft	Diameter: 2.50 inches	Volume: 1.69 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 51.01 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3793.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	3839.00 ft			
Interval between Packers:	46.00 ft			
Tool Length:	161.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3766.00	
Shut In Tool	5.00			3771.00	
Hydraulic tool	5.00			3776.00	
Jars	5.00			3781.00	
Safety Joint	3.00			3784.00	
Packer	5.00			3789.00	28.00 Bottom Of Top Packer
Packer	4.00			3793.00	
Stubb	1.00			3794.00	
Perforations	2.00			3796.00	
Change Over Sub	1.00			3797.00	
Recorder	0.00	9120	Inside	3797.00	
Recorder	0.00	8368	Inside	3797.00	
Drill Pipe	32.00			3829.00	
Change Over Sub	1.00			3830.00	
Perforations	5.00			3835.00	
Blank Off Sub	1.00			3836.00	
top of s.packer	3.00			3839.00	46.00 Tool Interval
Packer	0.00			3839.00	
Stubb	1.00			3840.00	
Perforations	17.00			3857.00	
Change Over Sub	1.00			3858.00	
Recorder	0.00	8934	Below	3858.00	
Drill Pipe	63.00			3921.00	
Change Over Sub	1.00			3922.00	
Bullnose	4.00			3926.00	87.00 Bottom Packers & Anchor

Total Tool Length: 161.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

S7-13S-19W Ellis,KS

3118 Cummings Rd
Garden City KS 67846

Slaughter #1-7

Job Ticket: 64659

DST#: 4

ATTN: Marc Downing/ Cecil

Test Start: 2017.01.13 @ 12:24:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

24 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
40.00	OCM 5% O 95% M	0.243
30.00	OCM 25% O 75% M	0.182
5.00	Clean Oil 100% O	0.030

Total Length: 75.00 ft Total Volume: 0.455 bbl

Num Fluid Samples: 0

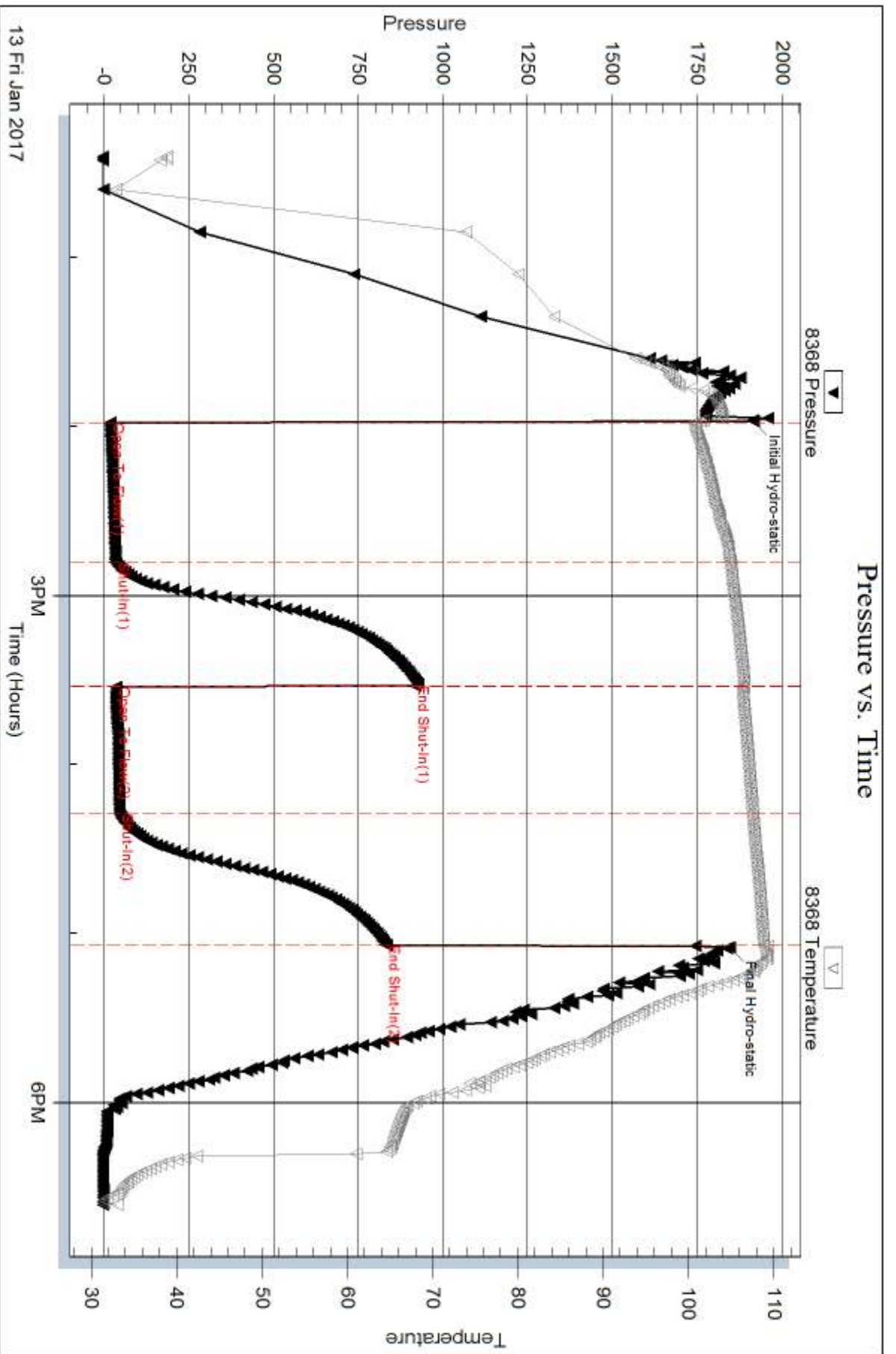
Num Gas Bombs: 0

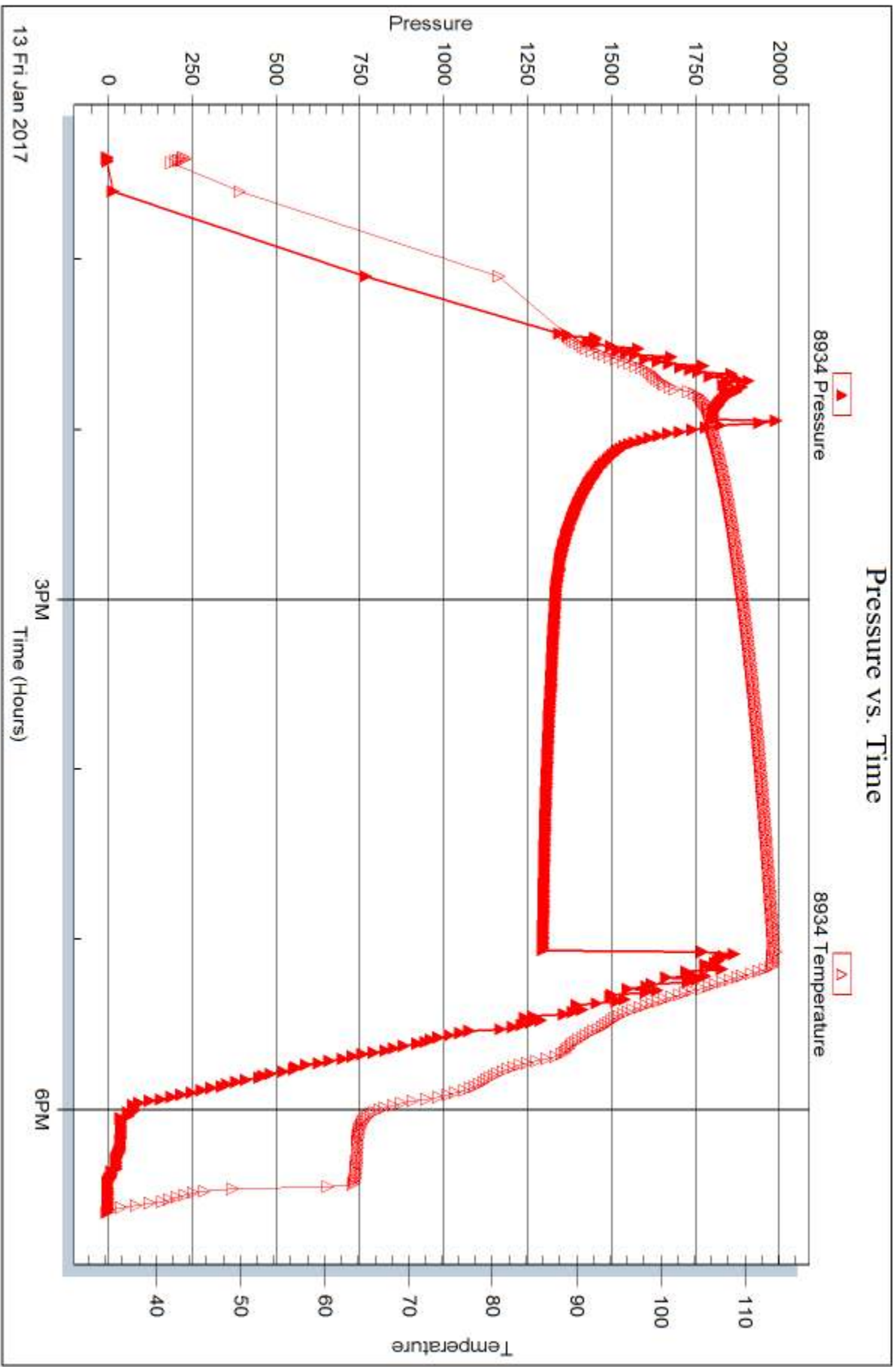
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





13 Fri Jan 2017

3PM Time (Hours)

6PM

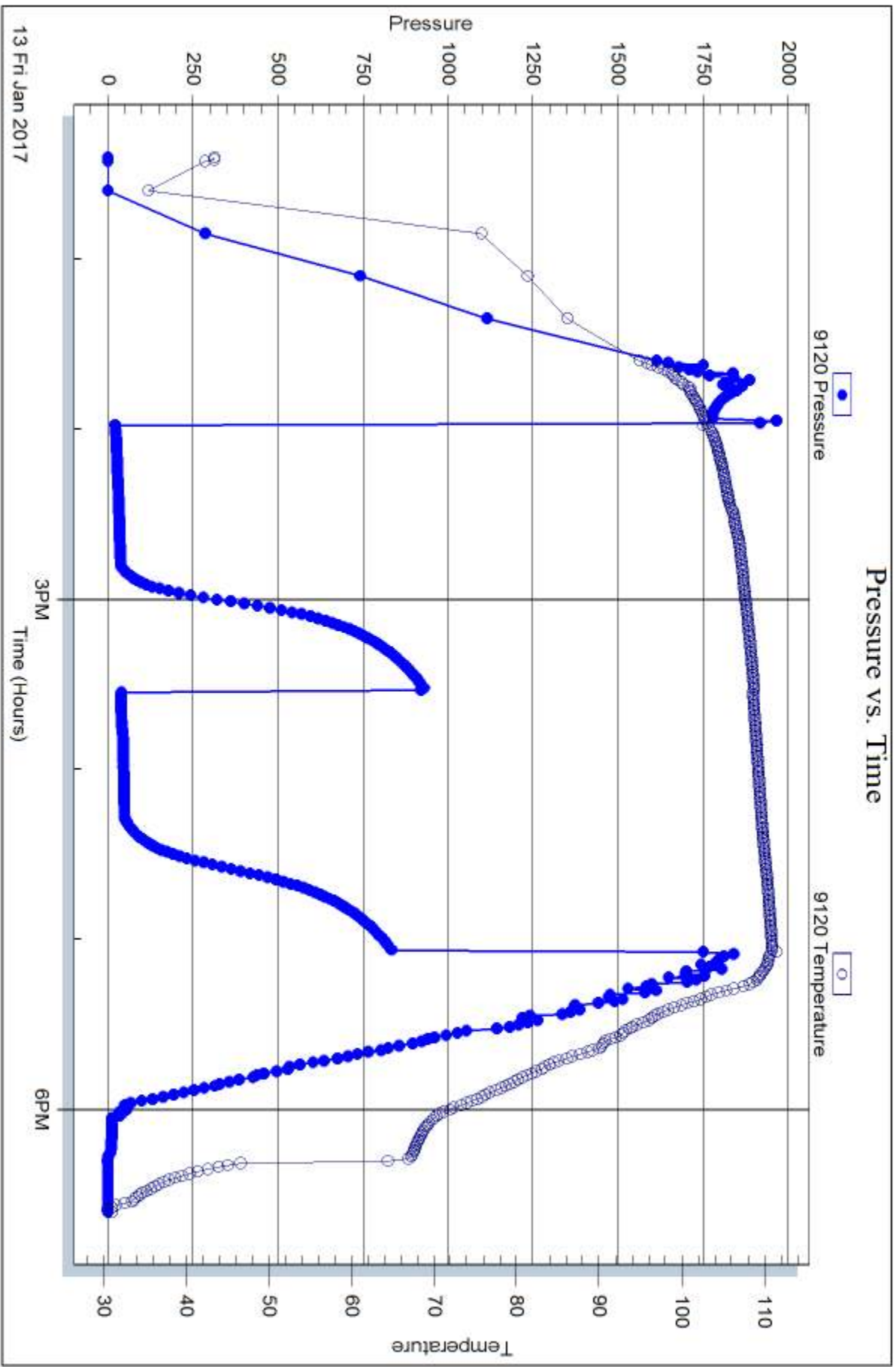
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Inside

American Warrior Inc.

Slaughter #1-7

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 64659

Printed: 2017.01.17 @ 08:38:40



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

3118 Cummings Rd
Garden City KS 67846

ATTN: Marc Downing/ Cecil

Slaughter #1-7

S7-13S-19W Ellis,KS

Start Date: 2017.01.13 @ 19:55:00

End Date: 2017.01.14 @ 03:09:00

Job Ticket #: 64660 DST #: 5

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

Printed: 2017.01.17 @ 08:37:28



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc.

S7-13S-19W Ellis,KS

3118 Cummings Rd
Garden City KS 67846

Slaughter #1-7

Job Ticket: 64660

DST#: 5

ATTN: Marc Downing/ Cecil

Test Start: 2017.01.13 @ 19:55:00

GENERAL INFORMATION:

Formation: **Conglomerate Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:36:45

Time Test Ended: 03:09:00

Test Type: Conventional Straddle (Reset)

Tester: Spencer J. Staab

Unit No: 84

Interval: 3792.00 ft (KB) To 3848.00 ft (KB) (TVD)

Reference Elevations: 2147.00 ft (KB)

Total Depth: 3926.00 ft (KB) (TVD)

2139.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8368

Inside

Press@RunDepth: 52.66 psig @ 3806.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.01.13

End Date:

2017.01.14

Last Calib.:

2017.01.14

Start Time: 19:55:15

End Time:

03:09:00

Time On Btm:

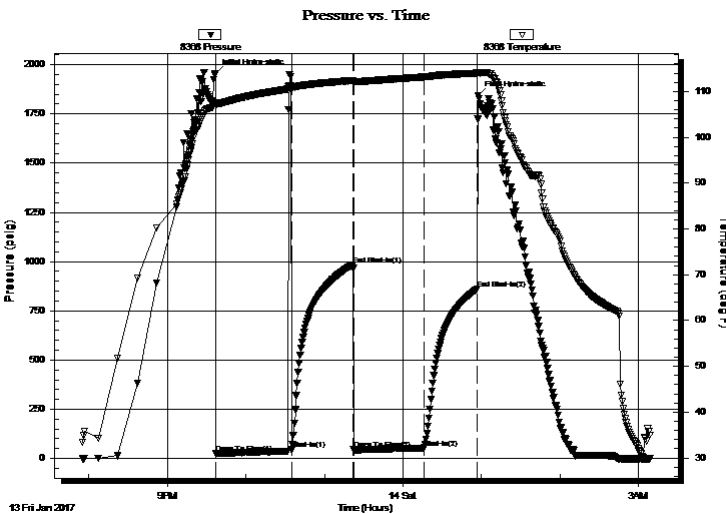
2017.01.13 @ 21:36:30

Time Off Btm:

2017.01.14 @ 00:57:30

TEST COMMENT: 45-IF-Fair Blow ; Built to 3"
45-ISI-Weak Surface Blow ; Built to 1/4"
45-FF-Weak Blow ; Built to 1 1/4"
45-FSI-Very Weak Surface Blow ; Built to 1/8"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1954.33	107.57	Initial Hydro-static
1	23.76	107.08	Open To Flow (1)
59	45.33	110.94	Shut-In(1)
106	982.60	112.38	End Shut-In(1)
106	44.55	112.08	Open To Flow (2)
160	52.66	113.14	Shut-In(2)
200	860.15	113.98	End Shut-In(2)
201	1843.49	114.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	OCM 30% O 70% M	0.30
20.00	Clean Oil 100%O	0.12

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

S7-13S-19W Ellis,KS

3118 Cummings Rd
Garden City KS 67846

Slaughter #1-7

Job Ticket: 64660

DST#: 5

ATTN: Marc Downing/ Cecil

Test Start: 2017.01.13 @ 19:55:00

Tool Information

Drill Pipe:	Length: 3503.00 ft	Diameter: 3.80 inches	Volume: 49.14 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 278.00 ft	Diameter: 2.50 inches	Volume: 1.69 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 50.83 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3792.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	3848.00 ft			
Interval between Packers:	56.00 ft			
Tool Length:	161.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			3765.00	
Shut In Tool	5.00			3770.00	
Hydraulic tool	5.00			3775.00	
Jars	5.00			3780.00	
Safety Joint	3.00			3783.00	
Packer	5.00			3788.00	28.00 Bottom Of Top Packer
Packer	4.00			3792.00	
Stubb	1.00			3793.00	
Perforations	12.00			3805.00	
Change Over Sub	1.00			3806.00	
Recorder	0.00	8368	Inside	3806.00	
Recorder	0.00	9120	Inside	3806.00	
Drill Pipe	32.00			3838.00	
Change Over Sub	1.00			3839.00	
Perforations	5.00			3844.00	
Blank Off Sub	1.00			3845.00	
top of s.packer	3.00			3848.00	56.00 Tool Interval
Packer	0.00			3848.00	
Stubb	1.00			3849.00	
Perforations	7.00			3856.00	
Change Over Sub	1.00			3857.00	
Recorder	0.00	8934	Below	3857.00	
Drill Pipe	63.00			3920.00	
Change Over Sub	1.00			3921.00	
Bullnose	4.00			3925.00	77.00 Bottom Packers & Anchor

Total Tool Length: 161.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

S7-13S-19W Ellis,KS

3118 Cummings Rd
Garden City KS 67846

Slaughter #1-7

Job Ticket: 64660

DST#: 5

ATTN: Marc Downing/ Cecil

Test Start: 2017.01.13 @ 19:55:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

24 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
50.00	OCM 30% O 70% M	0.304
20.00	Clean Oil 100%O	0.121

Total Length: 70.00 ft Total Volume: 0.425 bbf

Num Fluid Samples: 0

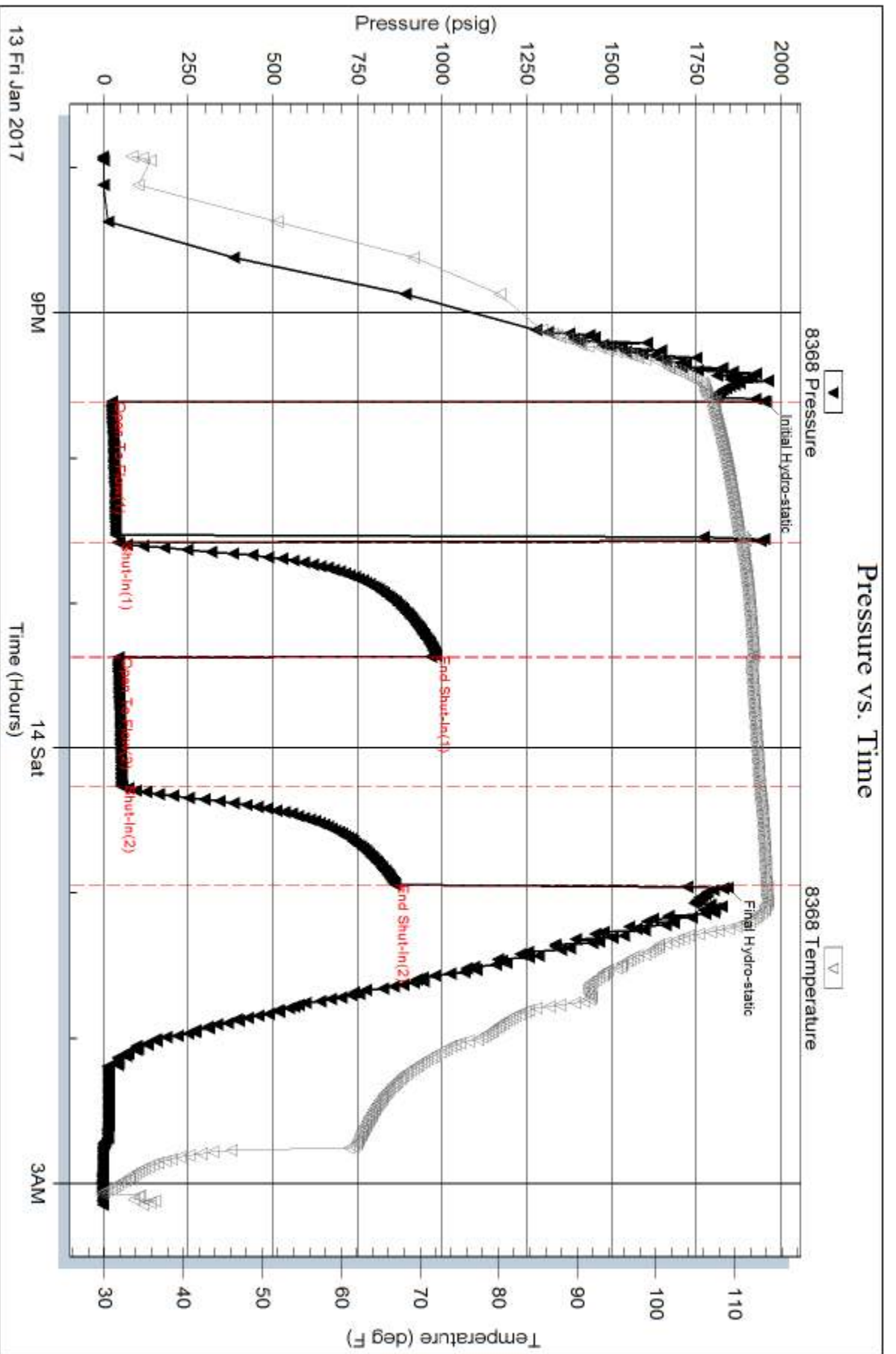
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

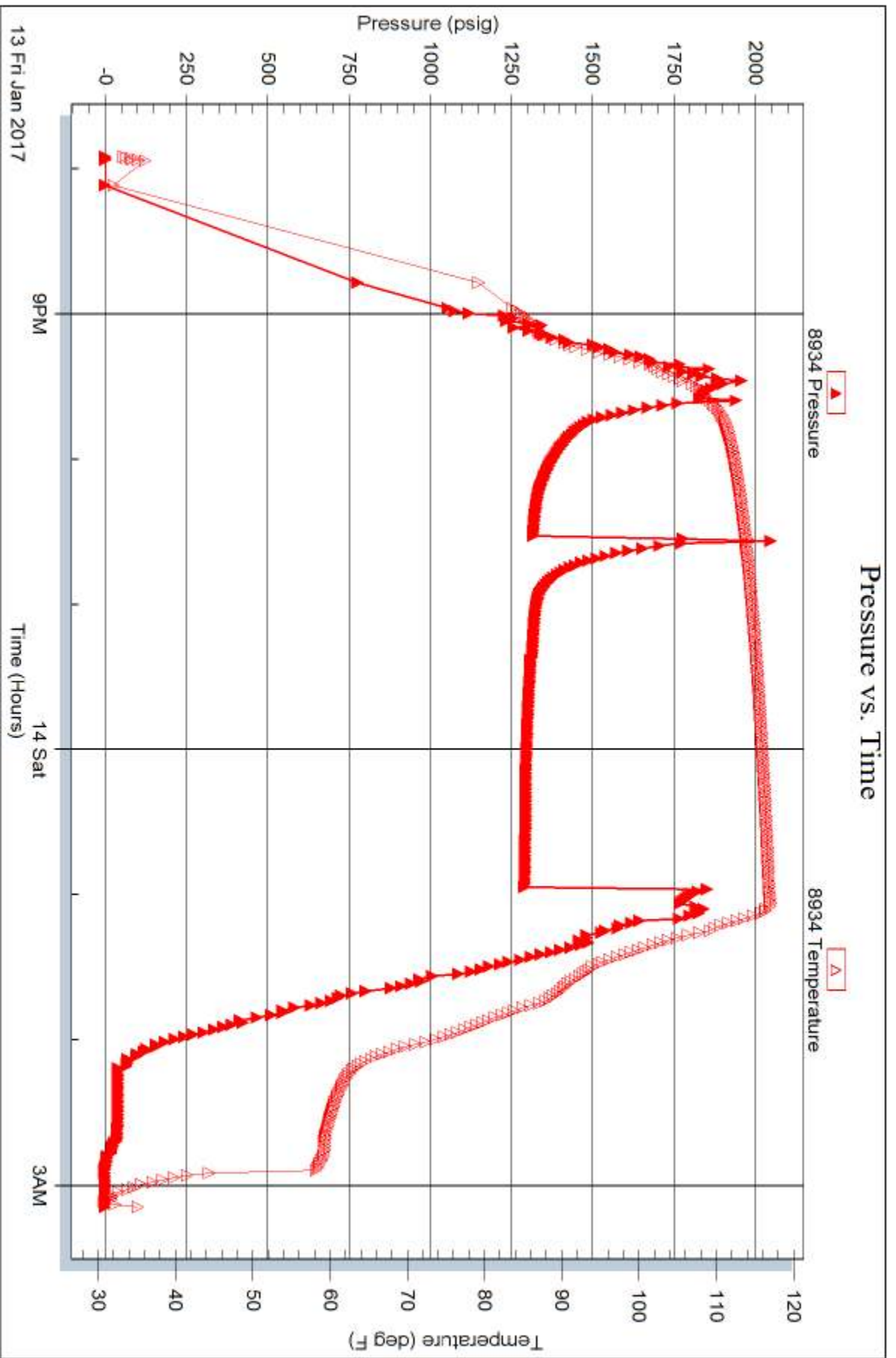


Serial #: 8934

Below (Strat)Hejjan Warrior Inc.

Slaughter #1-7

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 64660

Printed: 2017.01.17 @ 08:37:30

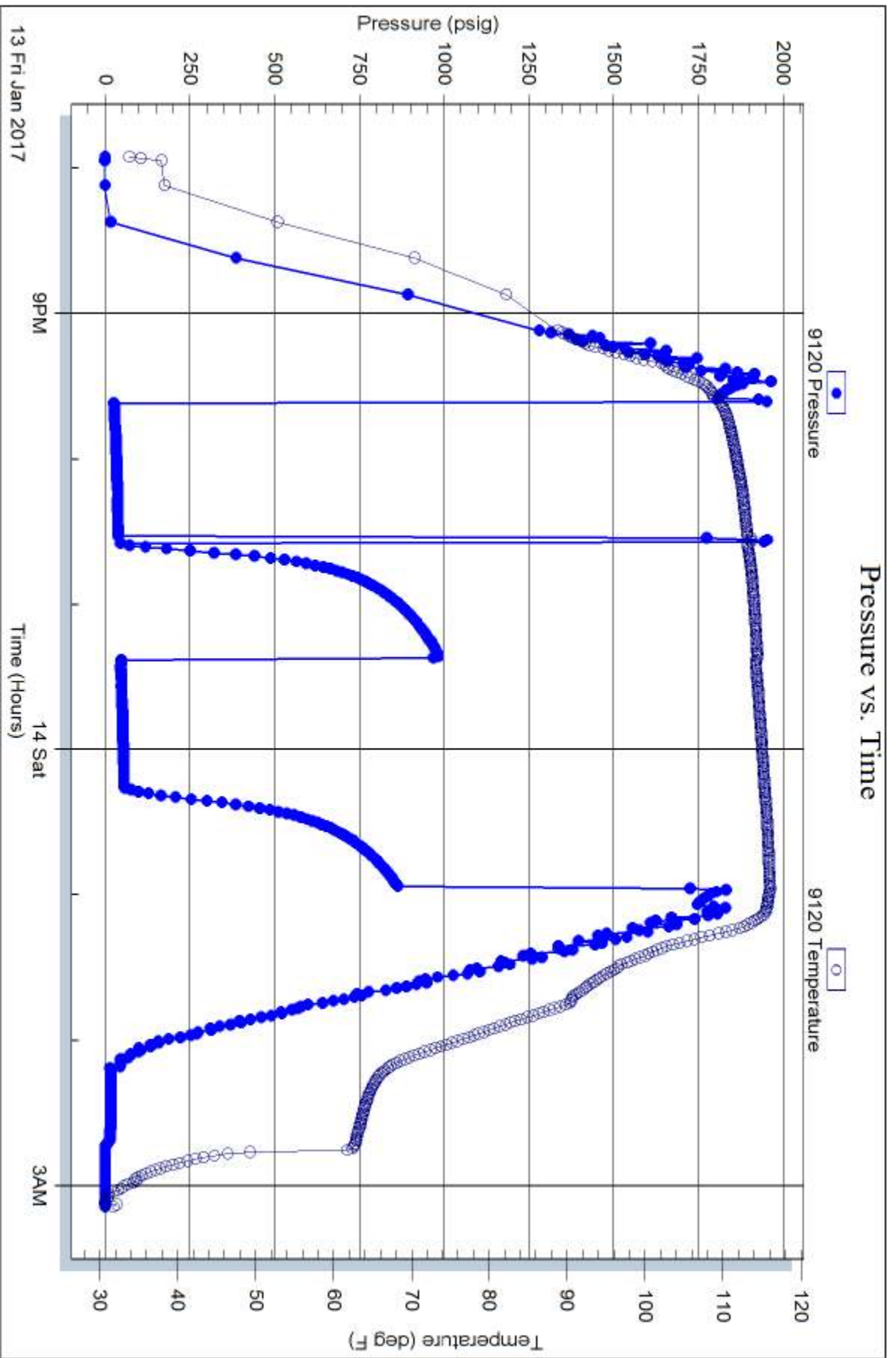
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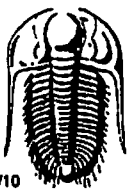
Inside

American Warrior Inc.

Slaughter #1-7

DST Test Number: 5





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61874

Well Name & No. Slaughter #1-7 Test No. 1 Date 1/10/2017
 Company American Warrior Inc. Elevation 2147 KB 2139 GL
 Address PO BOX 399 3118 Cummings Rd Garden City, Ks 67846
 Co. Rep / Geo. Marc Downing / Cecil O'Brate Rig Discovery Drilling #2
 Location: Sec. 7 Twp. 13S Rge. 19W Co. Ellis State Ks

Interval Tested 3543' - 3572' Zone Tested LKC 'E-7'
 Anchor Length 29' Drill Pipe Run 3254 Mud Wt. 8.8
 Top Packer Depth 3538' Drill Collars Run — Vis 49
 Bottom Packer Depth 3543' Wt. Pipe Run 278 WL 6.8
 Total Depth 3572' Chlorides 6,200 ppm System LCM 2#

Blow Description J7 - Very weak Blow; Built to 1/4 inches
JSD - No Blow Back
77 - Very weak surface Blow; approx 1/8 inch
7SD - No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
10	Mud			100	

Rec Total 10 BHT 104° Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1689
 (B) First Initial Flow 9
 (C) First Final Flow 39
 (D) Initial Shut-In 792
 (E) Second Initial Flow 20
 (F) Second Final Flow 19
 (G) Final Shut-In 708
 (H) Final Hydrostatic 1648

Test 1050
 Jars _____
 Safety Joint _____
 Circ Sub _____
 Hourly Standby _____
 Mileage 3427 25.50
 Sampler _____
 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1075.50

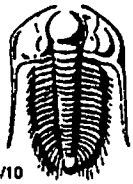
T-On Location 21:00
 T-Started 22:11
 T-Open 23:54
 T-Pulled 02:54 1/11/2017
 T-Out 04:24
 Comments _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1075.50
 MP/DST Disc't _____

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

Approved By _____

Our Representative Spencer J. Staal

Triobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61875

Well Name & No. Slaughter #1-7 Test No. 2 Date 1/11/2017
 Company American Warrior Inc. Elevation 2147 KB 2139 GL
 Address PO Box 399 3118 Cummings Rd Jarden City Ks 67846
 Co. Rep / Geo. Marc Downing/Cecil O'Brate Rig Discovery Drilling #2
 Location: Sec. 7 Twp. 13S Rge. 19W Co. Ellis State Ks

Interval Tested 3779' - 3814' Zone Tested Conglomerate Sand
 Anchor Length 35' Drill Pipe Run 3503' Mud Wt. 9.0
 Top Packer Depth 3774' Drill Collars Run — Vis 57
 Bottom Packer Depth 3779' Wt. Pipe Run 278' WL 7.2
 Total Depth 3814' Chlorides 6,300 ppm System LCM 2#

Blow Description
17 - Weak surface Blow; Built slowly to 1 3/4 inch
150 - No Blow Back
77 - Very weak surface Blow; Built to 3/4 inch
750 - No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Clean Oil</u>	<u>100</u>			
<u>20</u>	<u>OCM</u>	<u>5</u>		<u>95</u>	

Rec Total 30 BHT 110° Gravity 240 API RW — @ — ° F Chlorides — ppm

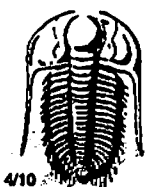
- (A) Initial Hydrostatic 1355
- (B) First Initial Flow 12
- (C) First Final Flow 24
- (D) Initial Shut-In 869
- (E) Second Initial Flow 26
- (F) Second Final Flow 31
- (G) Final Shut-In 735
- (H) Final Hydrostatic 1809

- Test 1050
- Jars 250
- Safety Joint 75
- Circ Sub
- Hourly Standby
- Mileage 3487 25.50
- Sampler
- Straddle
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 1400.50

T-On Location 22:45
 T-Started 00:24
 T-Open 02:50 1/12/2017
 T-Pulled 06:00
 T-Out 07:21
 Comments Safety Chain wedged in elevators; had to wait on new elevators to pull tool
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1400.50
 MP/DST Disc't —

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

Approved By _____ Our Representative Spencer J. Staal
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64658

Well Name & No. Slaughter # 1-7 Test No. 3 Date 1/12/2017
 Company American Warrior Inc Elevation 2147 KB 2139 GL
 Address PO BOX 399 3118 Cummings Rd Garden City Ks 67846
 Co. Rep / Geo. Marc Downing/Cecil O'Brate Rig Discovery Drilling Rig #2
 Location: Sec. 7 Twp. 13S Rge. 19W Co. Ellis State Ks

Interval Tested 3778' - 3826' Zone Tested Conglomerate Sand
 Anchor Length 48' Drill Pipe Run 3510 Mud Wt. 9.0
 Top Packer Depth 3773' Drill Collars Run - Vis 51
 Bottom Packer Depth 3778' Wt. Pipe Run 278' WL 6.8
 Total Depth 3826' Chlorides 7,000 ppm System LCM 2H

Blow Description J7 - Fair Blow, Built from 1/4 inch to 3 1/2 inches
JSD - Very weak surface blow
77 - Weak Blow, Built from 1/2 inch to 1 3/4 inches
7SD - No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>Feet of Clean Oil</u>	<u>100</u>			
<u>20</u>	<u>Feet of OCM</u>	<u>10</u>		<u>90</u>	
<u> </u>	<u>Feet of</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u>Feet of</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u>Feet of</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Rec Total 40' BHT 104° Gravity 24° API RW @ ° F Chlorides ppm

- (A) Initial Hydrostatic 1850
- (B) First Initial Flow 17
- (C) First Final Flow 28
- (D) Initial Shut-In 852
- (E) Second Initial Flow 30
- (F) Second Final Flow 36
- (G) Final Shut-In 731
- (H) Final Hydrostatic 1808

- Test 1050
- Jars 250
- Safety Joint 75
- Circ Sub
- Hourly Standby
- Mileage 3427 25.50
- Sampler
- Straddle
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 1400.50

T-On Location 14:35
 T-Started 15:26
 T-Open 17:00
 T-Pulled 20:00
 T-Out 21:30

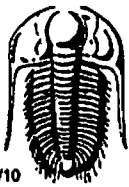
Comments
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1400.50
 MP/DST Disc't

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

Approved By Our Representative Spencer J. Small

TriLOBite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Spencer J. Small
 Thank-you



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64659

Well Name & No. Slaughter #1-7 Test No. 4 Date 1/13/2017
 Company American Warrior - Inc Elevation 2147 KB 2139 GL
 Address PO Box 399 3118 Cummings Rd Anden City Ks 67846
 Co. Rep / Geo. Marc Downing / Cecil O'Brate Rig Discovery Drilling Rig #2
 Location: Sec. 7 Twp. 13.S Rge. 19.W Co. Ellis State Ks

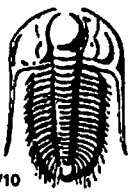
Interval Tested 3793' - 3831' Zone Tested Conglomerate Sand
 Anchor Length 46' 87' tail Drill Pipe Run 3516' Mud Wt. 9.0
 Top Packer Depth 3793' Drill Collars Run - Vis 53
 Bottom Packer Depth 3831' Wt. Pipe Run 275' WL 7.6
 Total Depth 3926' Chlorides 6,800 ppm System LCM 2#
 Blow Description 17 - Fair Blow; Built to 3 1/2 inches
150 - Very Weak Surface Blow; Built to 1/8 inch
77 - Weak Blow; Built to 2 inches
750 - No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Circ C1</u>	<u>100</u>			
<u>30</u>	<u>OCM</u>	<u>25</u>		<u>75</u>	
<u>40</u>	<u>OCM</u>	<u>5</u>		<u>95</u>	

Rec Total 75 BHT 109° Gravity 24° API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>1915</u>	<input checked="" type="checkbox"/> Test <u>1050</u>	T-On Location <u>10:55</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>12:24</u>
(C) First Final Flow <u>35</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>13:57</u>
(D) Initial Shut-In <u>918</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>17:00</u>
(E) Second Initial Flow <u>38</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>18:33</u>
(F) Second Final Flow <u>46</u>	<input checked="" type="checkbox"/> Mileage <u>3417</u> 25.50	Comments _____
(G) Final Shut-In <u>933</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>1545</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>45</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies _____
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>2000.50</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>2000.50</u>	

Approved By _____ Our Representative Spencer J. Staab
 TriLOBITE TESTING INC. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss, suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.
Thank-you!!



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64660

Well Name & No. Slaughter # 1-7 Test No. 5 Date 1/13/2017
 Company American Warrior Inc. Elevation 2147' KB 2139' GL
 Address PO BOX 399 3118 Cummings Rd Morden City KS 67846
 Co. Rep / Geo. Marc Downing/Cecil O'Brate Rig Discovery
 Location: Sec. 7 Twp. 13a Rge. 19w Co. Ellis State KS

Interval Tested 3792'-3848' Zone Tested Conglomerate Sand
 Anchor Length 56' 78' Tail Drill Pipe Run 3503' Mud Wt. 9.0
 Top Packer Depth 3792' Drill Collars Run — Vis 53
 Bottom Packer Depth 3848' Wt. Pipe Run 278' WL 7.6
 Total Depth 3926' Chlorides 6800 ppm System LCM 2#

Blow Description D7 - Fair Blow, Built to 3 inches
DSD - Weak Surface Blow, Built to 4 inch
77 - Weak Surface Blow, Built to 1 and 1/4 inches
75D - Very Weak Surface Blow, Built to 1/8 inch

Rec	Feet of	%gas	%oil	%water	%mud
<u>20'</u>	<u>Clear Oil</u>	<u>100</u>			
<u>50'</u>	<u>OCM</u>	<u>30</u>		<u>70</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 70' BHT 114° Gravity 24° API RW —@ —° F Chlorides — ppm

- (A) Initial Hydrostatic 1954
- (B) First Initial Flow 23
- (C) First Final Flow 45
- (D) Initial Shut-In 982
- (E) Second Initial Flow 44
- (F) Second Final Flow 52
- (G) Final Shut-In 860
- (H) Final Hydrostatic 1343

- Test 1050
- Jars 250
- Safety Joint 75
- Circ Sub
- Hourly Standby
- Mileage 34RT
- Sampler
- Straddle 600
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 1975

T-On Location 19:00
 T-Started 19:55
 T-Open 21:36
 T-Pulled 00:50 1/14/2017
 T-Out 03:08

Comments Tool would not close. Reset and closed for DSD

- Ruined Shale Packer
- Ruined Packer
- Extra Copies
- Sub Total 0
- Total 1975
- MP/DST Disc't

Approved By _____

Our Representative Spencer J. Strub

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Thank-you!!

Marc A. Downing		Geologic Report	
Consulting Petroleum Geologist		Drilling Time and Sample Log	
Operator American Warrior, Inc.		KB	Elevation 2147
Lease Slaughter No. 1-7		DF	2145
API # 15-051-26857-0000		GL	2139
Field Wildcat		Casing Record Surface	
Location 1595' FNL & 2281' FEL		8 5/8" @ 219'	
Sec. 7 Twp. 13s Rgc. 19w		Production 5 1/2" @ 3924'	
County Ellis State Kansas		Electrical Surveys	
Formation		CNL/CDL, DIL, MEL	
Top Anhydrite	NA	1481	+666
Base Anhydrite	NA	1526	+621
Topok	3205	3204	-1057
Heebner	3438	3437	-1290
Toronto	3460	3459	-1312
LKC	3481	3480	-1333
BKC	3729	3728	-1581
Marmaton	3770	3770	-1623
Conglomerate Sand	3800	3800	-1653
Arbuckle	3860	3860	-1713
Total Depth	3925	3926	-1779
Reference Well For Structural Comparison American Warrior, Inc. Weber #1-7 993' FNL & 1845' FEL Sec. 7-13s-19w			

Drilling Contractor	Discovery Drilling, Rig #2	
Commenced	1-6-17	Completed 1-14-17
Samples Saved From	3200	To RTD
Drilling Time Kept From	3100	To RTD
Samples Examined From	3200	To RTD
Geological Supervision From	3200	To RTD

Summary and Recommendations

Due to structural position, DST recovery, and log evaluation, it was decided to set 5 1/2" production casing for completion.

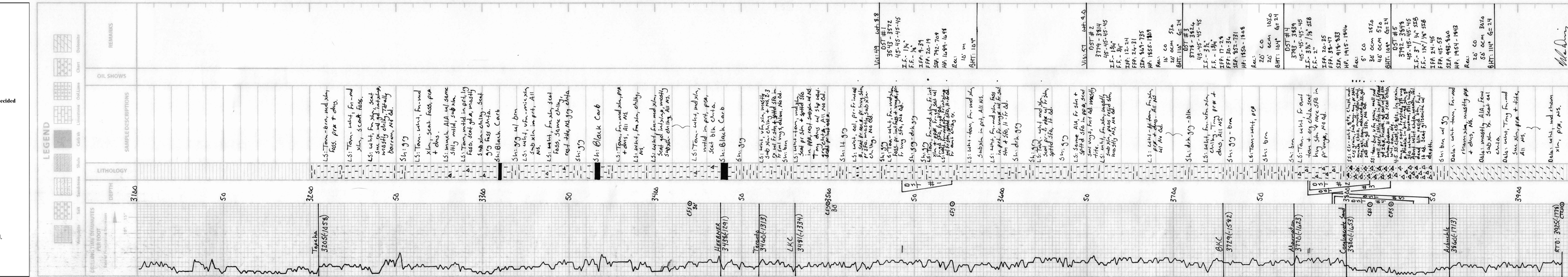
Perforate:

Conglomerate Sand: 3838-3848

LKC "C": 3514-3517, 3520-3524 (Before Abandonment)

Respectfully Submitted,

Marc A. Downing





CHARGE TO:
 American Warrior Inc
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 29936

PAGE 1 OF 1

SERVICE LOCATIONS
 1. Hays Ks
 2. Ness City Ks
 3.
 4.
 REFERRAL LOCATION

WELL/PROJECT NO. 1-7
 LEASE SLAUGHTER
 COUNTY/PARISH Ellis
 STATE KS
 CITY
 DATE 1-27-17
 OWNER

TICKET TYPE
 SERVICE
 SALES
 CONTRACTOR Express Well Service
 RIG NAME/NO.
 SHIPPED VIA
 DELIVERED TO 10LATION
 ORDER NO.

WELL TYPE Oil
 WELL CATEGORY Development
 JOB PURPOSE Part. Collar
 WELL PERMIT NO.
 WELL LOCATION

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE TRK # 113	20	Mi			5.00	100	00
576		1			Pump Charge	1	EA			1250.00	1250	00
290		1			D. AIR	3	Gal			42.00	126	00
330		2			Swift Multi Density	225	SKS			15.75	3543	75
276		2			Floacle	53	lbs			2.25	119	25
581		2			Service Charge Cmt	225	SKS			1.50	337	50
583		2			DRAYAGE	423	TM			75	317	25

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 LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X
 DATE SIGNED TIME SIGNED
 A.M.
 P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				5793	75
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Ellis Co.	
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		TAX 7.0%	265.23
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	6058.98

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR DAVID EDGERTON APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 1-27-17 PAGE NO.

CUSTOMER American Warrior WELL NO. 1-7 LEASE SLAUGHTER JOB TYPE Port Collar TICKET NO. 29936

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							ON LOCATION
								2 3/8 x 5 1/2 Port Collar - 1479'
	1215					1	1500	TEST P.C. - Hold
	1220							open P.C. - get rate
	1225	4	0				600	START CMT
		4	85				1000	SHUT DOWN Mixing & let sit because of lost circ
		3	85				200	START CMT BACK UP
		3	125				900	End CMT
	1335	3	4.5				900	Disp * Did NOT circ CMT *
	1340						1500	close P.C. & test - Hold
								run 5 JOINTS TUBING Reverse OUT
	150	2.5	15					Job Complete
								Thanks DAVID, JON & ISAAC