

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1254458
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: _____

1254458

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
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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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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Sneed-Lamb 1-24
Doc ID	1254458

Tops

Name	Top	Datum
Anhy	2331	+623
B/Anhy	2352	+602
Heebner	3715	-761
Toronto	3736	-782
Lansing	3762	-808
B/KC	4092	-1138
Marmaton	4130	-1176
Pawnee	4220	-1266
Ft.Scott	4276	-1322
Cherokee	4307	-1353
Morrow	4478	-1524
Mississippian	4497	-1543



CEMENTING LOG

Date 4/22/2015 District Liberal # 21 Ticket No. 65500
 Company American Warrior Rig Duke # 10
 Lease SNEED - LAMB Well No 1-24
 County LOGAN State KS
 Location _____
 Field _____

Casing Data Conductor PTA Squeeze Misc.
 Surface Intermediate Production Liner
 Size 8 5/8 Type _____ Weight 24 Collar _____

Casing Depths Top _____ Bottom 396

Drill Pipe: BBLs/LIN. FT _____ LIN. FT/BBL _____
 Open Hole: BBLs/LIN. FT _____ LIN. FT/BBL _____
 Capacity Factors: BBLs/LIN. FT _____ LIN. FT/BBL _____
 Casing BBLs/LIN. FT 0.0637 LIN. FT/BBL _____
 Open Holes BBLs/LIN. FT _____ LIN. FT/BBL _____
 Drill Pipe BBLs/LIN. FT _____ LIN. FT/BBL _____
 Annulus BBLs/LIN. FT 0.0735 LIN. FT/BBL 13.6037
 BBLs/LIN. FT _____ LIN. FT/BBL _____
 Perforations From _____ ft to _____ ft Amt _____

CEMENT DATA

Spacer Type 5 bbl water
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Time _____ hrs. Type CLASS A
2%GEL, 3%CC, 1/4FLOSEAL Excess _____

Amt. 250 Sks Yield 1.39 ft³/sk Density 14.76 PPG

TAIL: Time _____ hrs. Type _____ Excess _____

Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

WATER Lead 6.5 Gal/sk Tail _____ Gal/sk Total _____ BBSL

Pump Trucks Used: 903-501

Bulk Equipment 956-841

Float Equipment: Manufacturer WEATHERFORD

Shoe: Type GUIDE SHOE Depth 396

Float: Type AFU Insert Valve Depth 352.6

Centralizers: Quantity 3 Plugs Top 1 Bottom _____

Stage Collars _____

Special Equipment _____

Disp: Fluid Type H2O Amt 22.5 bbls Weight 8.34 PPG

Mud Type _____ Weight _____

COMPANY REPRESENTATIVE _____

CEMENTER _____

ALDO ESPINOZA

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBSL/MIN	
430PM						ARRIVE TO LOCATION -- RUN FLOAT EQUIPMENT
500PM						RIG UP
						CASING ON BOTTOM
510PM						SAFETY MEETING
513PM	1000					PRESSURE TEST
515PM	40		5	5	5	5 BBL WATER SPACER
520PM	60		67	62	6	PUMP 62 BBL OF SLURRY CEMENT
600PM					4	RELEASE PLUG- START DISPLACEMENT
609PM	120		77	10	5	10 BBL GONE
620PM	200		89	12	5	22 BBL GONE BUMP PLUG
625PM	760					RELEASE PRESSURE, CHECK FLOATS, GOOD
645PM						RIG DOWN
730PM						LEAVE LOCATION
						20 BBL CEMENT BACK TO SURFACE

FINAL DISP. PRESS. 200 PSI BUMP PLUG TO 760 PSI BLEEDBACK 0.5 BBSL THANK YOU



Services, Inc.

CHARGE TO: **AMERICAN WARRIOR**
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET 28520

PAGE 1 OF

SERVICE LOCATIONS: 1. **NESS CITY, KS**
 WELL/PROJECT NO.: **SNEED-LAMB 1-24** LEASE: **LOGAN** COUNTY/PARISH: **RUSSELL SPRINGS, KS** STATE: **KS** CITY: **26 MAY 15** DATE: **26 MAY 15** OWNER:
 2. TICKET TYPE: SERVICE SALES CONTRACTOR: **CO TOOLS** RIG NAME/NO.: SHIPPED VIA: DELIVERED TO: ORDER NO.:
 3. WELL TYPE: **OIL** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **CEMENT PORT COLLAR** WELL PERMIT NO.: WELL LOCATION: **S2W, N/E/N I-10**
 4. REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #115	100	MR			5.00	500.00
576D					Pump CHARGE	1	JOB			1250.00	1250.00
288					SAND	1	SX			22.00	22.00
290					D-AIR	2	PR			42.00	84.00
330					SMD CEMENT	210	SX			15.75	3307.50
581					CEMENT SERVICE CHARGE	300	SX			1.50	450.00
583					DRAINAGE	29875	lbs	1493.75	TM	.75	1120.31

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: **26 MAY 15** TIME SIGNED: **1800** 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
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	6733	81
TAX	261	13
TOTAL	6994	94

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!

JOB LOG

SWIFT Services, Inc.

DATE 26 MAY 15 PAGE NO.

CUSTOMER AMERICAN WARRIOR

WELL NO.

LEASE

SNEED-HAMB 1-24 CEMENT PORT COLLAR

JOB TYPE

TICKET NO.

28520

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1100							ON LOCATION
	1130							SPOT 1 SX SAND - LET FALL
	1219		88	✓				CIRCULATE HOLE CLEAN
	1242							TEST TOOLS - HELD
	1256							Pull To PORT COLLAR @ 2336
								OPEN PORT COLLAR - NO RATE/BLOW
	1435	1	18	✓		900		MIX 1.5 SX 6 EC
	1530	1		✓		900		MIX CEMENT SMD
		4	15	✓		400		
		4	23	✓		400		WELL CIRCULATING
			116	✓				MIX 2.0 SX SMD
		3	8	✓				DISPLACE CEMENT - CIR. 2.0 SX TO PIT
	1605			✓		1000		CLOSE PORT COLLAR - TEST - HELD
								RUN 3 JTS.
	1621	3	22	✓		300		REVERSE CLEAN
								RUN TUBING TO PLUG.
	1700		30	✓				WASH SAND OFF PLUG.
	1720							WASH TRUCK
	1800							JOB COMPLETE
								THANKS #115
								JASON COLE PRESTON



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City, KS 67846

ATTN: Marc Downing

Sneed Lamb #1-24

24-13-36 Logan,KS

Start Date: 2015.04.28 @ 13:00:43

End Date: 2015.04.28 @ 20:29:43

Job Ticket #: 61537 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.04.29 @ 15:57:24



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
Garden City, KS 67846
ATTN: Marc Downing

24-13-36 Logan,KS
Sneed Lamb #1-24
Job Ticket: 61537 **DST#: 1**
Test Start: 2015.04.28 @ 13:00:43

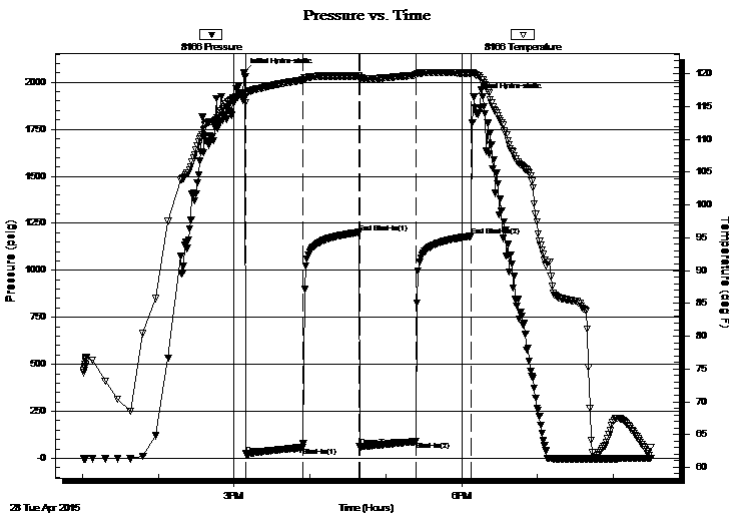
GENERAL INFORMATION:

Formation: **LKC E**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:09:13
Time Test Ended: 20:29:43
Interval: **3841.00 ft (KB) To 3861.00 ft (KB) (TVD)**
Total Depth: 4598.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Brandon Turley
Unit No: 79
Reference Elevations: 2954.00 ft (KB)
2943.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8166 Outside
Press@RunDepth: 89.43 psig @ 3842.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.04.28 End Date: 2015.04.28 Last Calib.: 2015.04.28
Start Time: 13:00:48 End Time: 20:29:42 Time On Btm: 2015.04.28 @ 15:07:43
Time Off Btm: 2015.04.28 @ 18:09:43

TEST COMMENT: IF: 1/2" blow built to 6" in 45 min.
IS: No return.
FF: Surface blow built to 5" in 45 min.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2052.44	116.93	Initial Hydro-static
2	24.05	115.60	Open To Flow (1)
47	58.60	119.06	Shut-In(1)
91	1201.44	119.65	End Shut-In(1)
92	61.99	119.16	Open To Flow (2)
136	89.43	119.78	Shut-In(2)
180	1181.50	120.10	End Shut-In(2)
182	1920.69	120.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
95.00	w cm 40%w 60%m	1.33
31.00	ocw m 5%o 10%w 85%m	0.43
31.00	free oil 100%o	0.43

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
Garden City, KS 67846
ATTN: Marc Downing

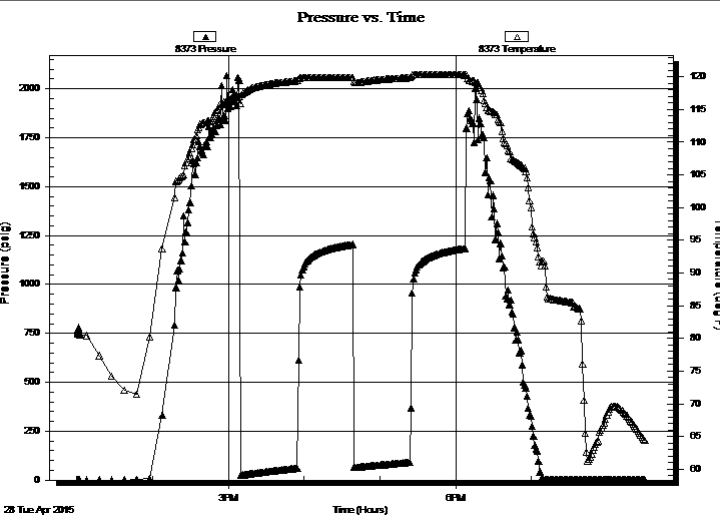
24-13-36 Logan, KS
Sneed Lamb #1-24
Job Ticket: 61537 **DST#: 1**
Test Start: 2015.04.28 @ 13:00:43

GENERAL INFORMATION:

Formation: **LKC E**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:09:13
Time Test Ended: 20:29:43
Interval: **3841.00 ft (KB) To 3861.00 ft (KB) (TVD)**
Total Depth: 4598.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Brandon Turley
Unit No: 79
Reference Elevations: 2954.00 ft (KB)
2943.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8373 **Inside**
Press@RunDepth: psig @ 3842.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.04.28 End Date: 2015.04.28 Last Calib.: 2015.04.28
Start Time: 13:00:35 End Time: 20:29:59 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: 1/2" blow built to 6" in 45 min.
IS: No return.
FF: Surface blow built to 5" in 45 min.
FS: No return.



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

Recovery		
Length (ft)	Description	Volume (bbl)
95.00	w cm 40%w 60%m	1.33
31.00	ocw m 5%o 10%w 85%m	0.43
31.00	free oil 100%o	0.43

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
Garden City, KS 67846
ATTN: Marc Downing

24-13-36 Logan, KS

Sneed Lamb #1-24

Job Ticket: 61537

DST#: 1

Test Start: 2015.04.28 @ 13:00:43

GENERAL INFORMATION:

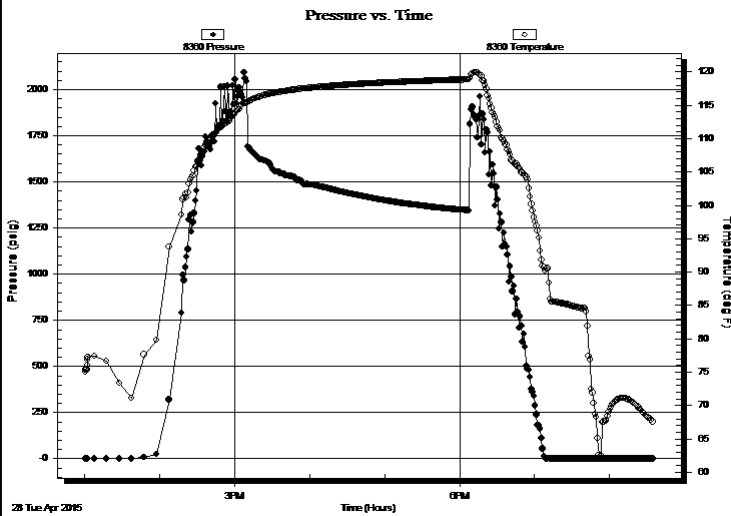
Formation: LKC E			
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Initial)	
Time Tool Opened: 15:09:13		Tester: Brandon Turley	
Time Test Ended: 20:29:43		Unit No: 79	
Interval: 3841.00 ft (KB) To 3861.00 ft (KB) (TVD)		Reference Elevations: 2954.00 ft (KB)	
Total Depth: 4598.00 ft (KB) (TVD)		2943.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition: Good	KB to GR/CF: 11.00 ft	

Serial #: 8360

Below (Straddle)

Press@RunDepth: psig @ 4593.00 ft (KB)	Capacity: 8000.00 psig	
Start Date: 2015.04.28	End Date: 2015.04.28	Last Calib.: 2015.04.28
Start Time: 13:00:38	End Time: 20:35:02	Time On Btm:
		Time Off Btm:

TEST COMMENT: IF: 1/2" blow built to 6" in 45 min.
IS: No return.
FF: Surface blow built to 5" in 45 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
95.00	w cm 40% w 60% m	1.33
31.00	ocw m 5% o 10% w 85% m	0.43
31.00	free oil 100% o	0.43

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
3118 Cummings Rd
Garden City, KS 67846
ATTN: Marc Downing

24-13-36 Logan, KS
Sneed Lamb #1-24
Job Ticket: 61537 **DST#: 1**
Test Start: 2015.04.28 @ 13:00:43

Tool Information

Drill Pipe:	Length: 3827.00 ft	Diameter: 3.80 inches	Volume: 53.68 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 85000.00 lb
		Total Volume: 53.68 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	3841.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	758.00 ft			
Tool Length:	780.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Stubb	1.00			3820.00	
Shut In Tool	5.00			3825.00	
Hydraulic tool	5.00			3830.00	
Safety Joint	2.00			3832.00	
Packer	5.00			3837.00	22.00 Bottom Of Top Packer
Packer	4.00			3841.00	
Stubb	1.00			3842.00	
Recorder	0.00	8373	Inside	3842.00	
Recorder	0.00	8166	Outside	3842.00	
Perforations	14.00			3856.00	
Blank Off Sub	1.00			3857.00	758.00 Tool Interval
Packer	4.00			3861.00	
Stubb	1.00			3862.00	
Perforations	6.00			3868.00	
Change Over Sub	1.00			3869.00	
Drill Pipe	724.00			4593.00	
Recorder	0.00	8360	Below	4593.00	
Change Over Sub	1.00			4594.00	
Bullnose	5.00			4599.00	1000779.00 Bottom Packers & Anchor

Total Tool Length: 780.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
3118 Cummings Rd
Garden City, KS 67846
ATTN: Marc Downing

24-13-36 Logan,KS
Sneed Lamb #1-24
Job Ticket: 61537 **DST#: 1**
Test Start: 2015.04.28 @ 13:00:43

Mud and Cushion Information

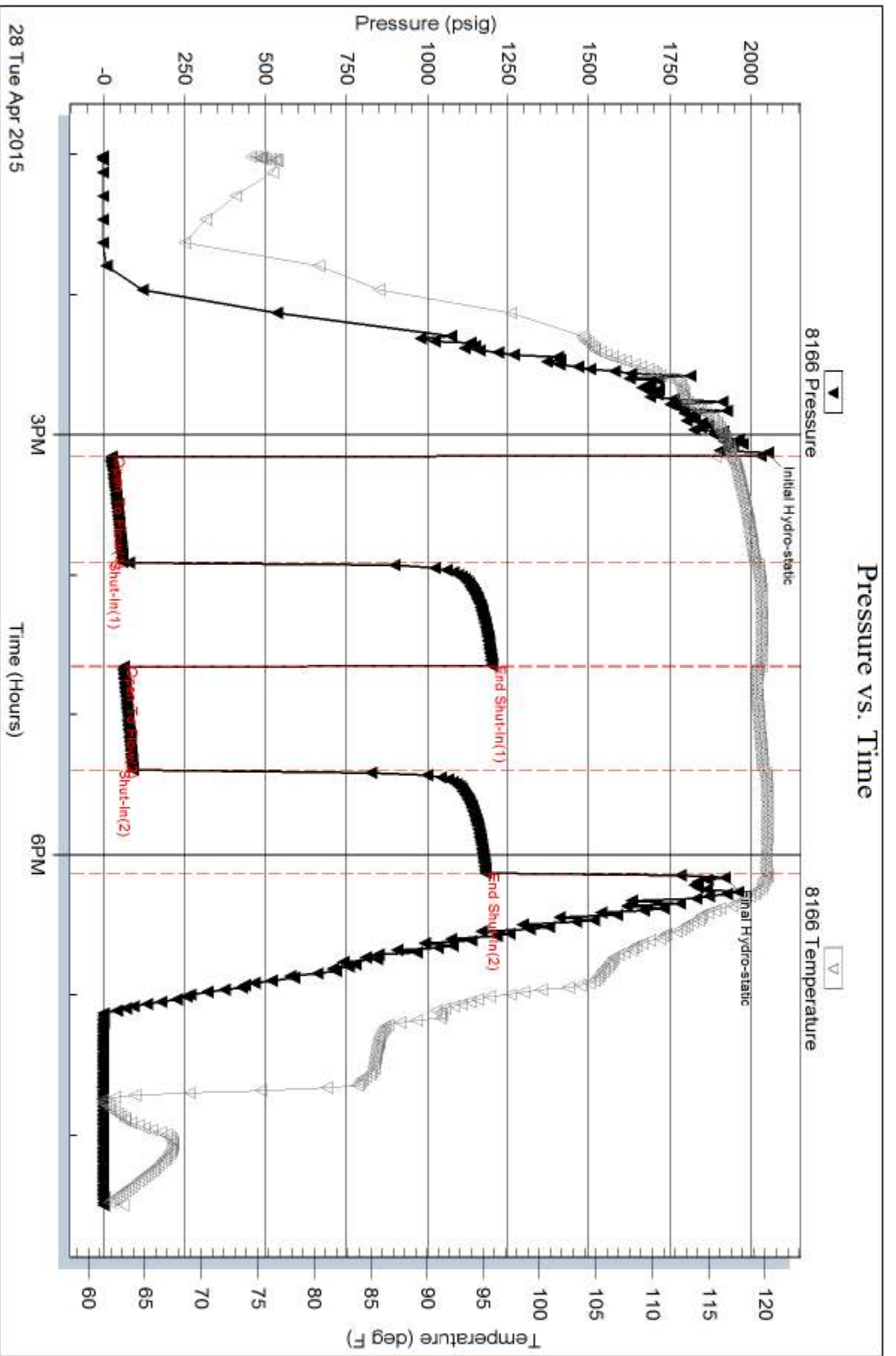
Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 16000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.79 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 5000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
95.00	w cm 40%w 60%m	1.333
31.00	ocw m 5%o 10%w 85%m	0.435
31.00	free oil 100%o	0.435

Total Length: 157.00 ft Total Volume: 2.203 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: .42@73=16000



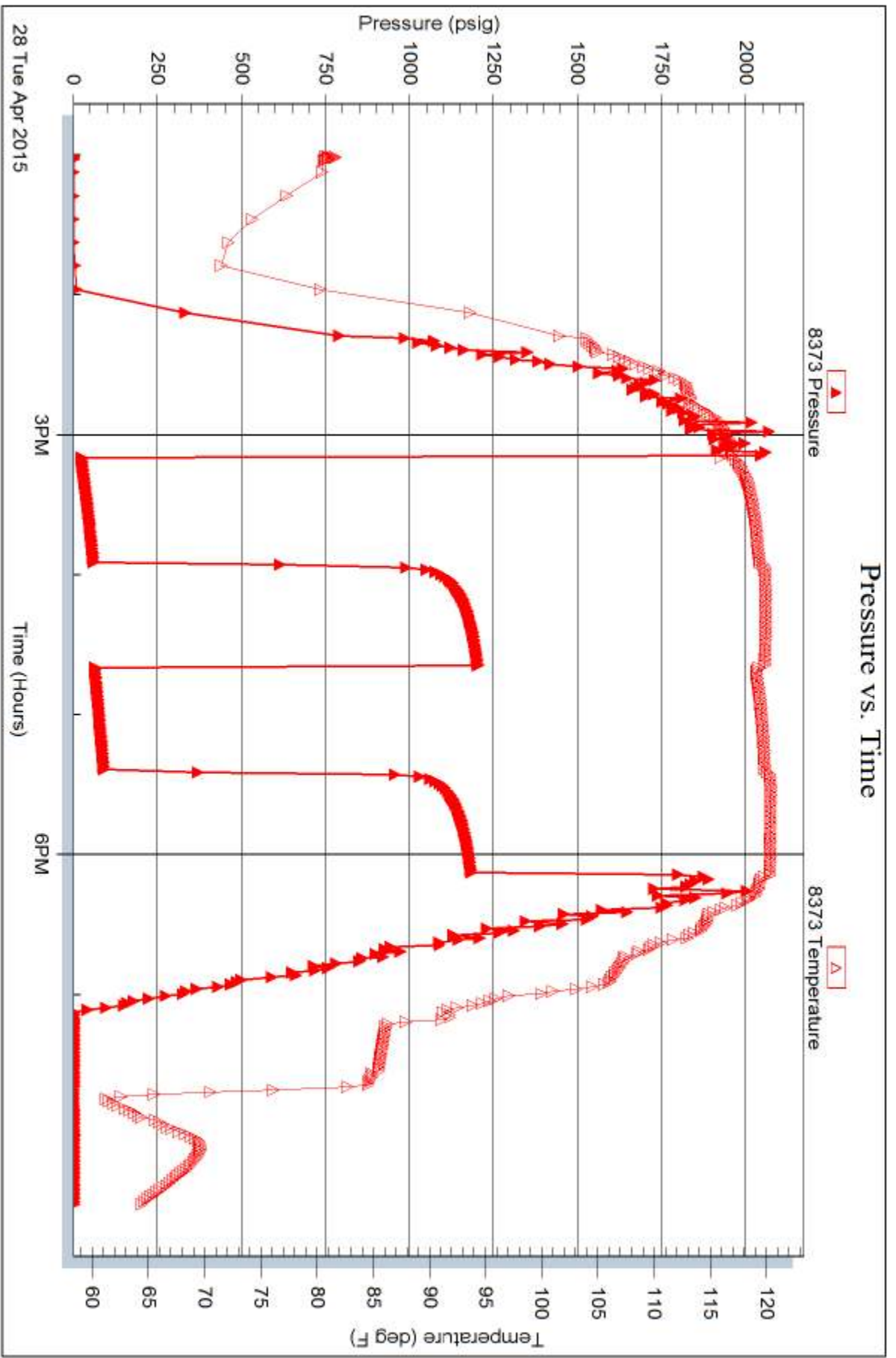
Serial #: 8373

Inside

American Warrior Inc

Snead Lamb #1-24

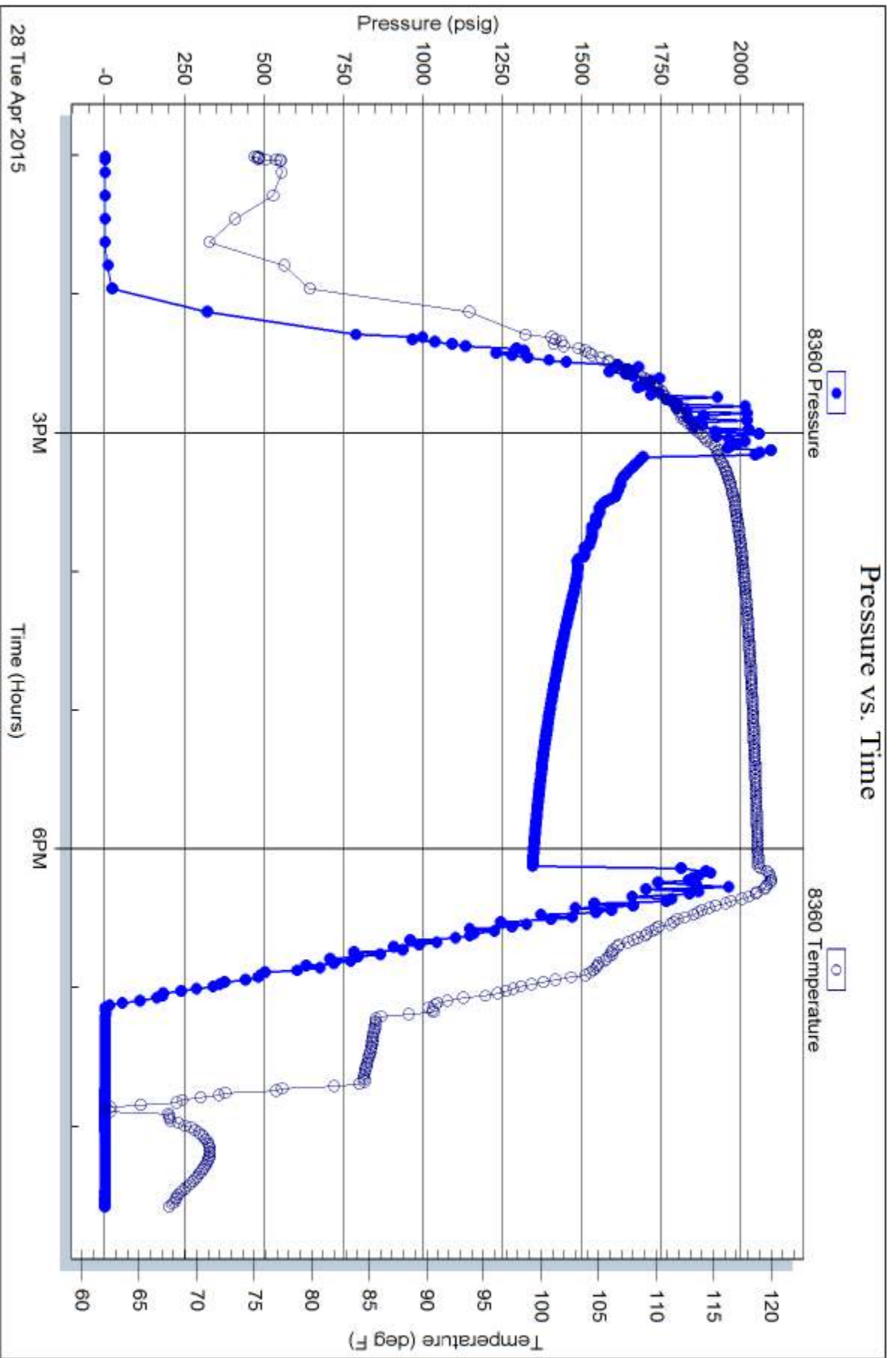
DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 61537

Printed: 2015.04.29 @ 15:57:26



28 Tue Apr 2015

3PM

Time (Hours)

6PM



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61537

Well Name & No. Sneed Lamb 1-24 Test No. 1 Date 4-28-15
 Company AMERICAN WARRIOR INC Elevation 2954 KB 2943 GL
 Address 3118 Cummings Rd Garden city, KS 67846
 Co. Rep / Geo. MRC Downing Rig Duke 10
 Location: Sec. 24 Twp. 13 Rge. 36 Co. Logan State KS

Interval Tested 3841 3861 Zone Tested LKC E
 Anchor Length 20 Drill Pipe Run 3827 Mud Wt. 9.4
 Top Packer Depth 3841 Drill Collars Run — Vis 52
 Bottom Packer Depth 3861 Wt. Pipe Run — WL 8.8
 Total Depth 4598 Chlorides 5000 ppm System LCM 2

Blow Description IF: V2 blow built to 6 in 45 min.
IS: No return,
FF: surface blow built to 5 in 45 min.
FS: No return,

Rec	Feet of	%gas	%oil	%water	%mud
<u>31</u>	<u>Free oil</u>	<u>100</u>			
<u>31</u>	<u>OCWM</u>	<u>5</u>	<u>10</u>	<u>85</u>	
<u>95</u>	<u>wcm</u>		<u>40</u>	<u>60</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 157 BHT 120 Gravity — API RW .42 @ 73 °F Chlorides 16,000 ppm

(A) Initial Hydrostatic 2052 Test 1150 T-On Location 12:15
 (B) First Initial Flow 24 Jars 250 T-Started 13:00
 (C) First Final Flow 58 Safety Joint 75 T-Open 15:10
 (D) Initial Shut-In 1201 Circ Sub N/C T-Pulled 18:10
 (E) Second Initial Flow 61 Hourly Standby _____ T-Out 20:30
 (F) Second Final Flow 89 Mileage 126 - 104 Comments _____
 (G) Final Shut-In 1181 Sampler _____
 (H) Final Hydrostatic 1920 Straddle 600 Ruined Shale Packer _____

Initial Open 45 Shale Packer _____
 Initial Shut-In 45 Extra Packer _____
 Final Flow 45 Extra Recorder _____
 Final Shut-In 45 Day Standby _____
 Sub Total 2179 Accessibility _____
 Total 2179 MP/DST Disc't _____

Approved By _____

Our Representative 

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.

Marc A. Downing		Geologic Report			
Consulting Petroleum Geologist		Drilling Time and Sample Log			
Operator American Warrior, Inc.		Elevation		KB 2954	
Lease Sneed-Lamb No. 1-24		DF 2943		GL 2943	
API # 15-109-21404-0000		Casing Record			
Field Wildcat		Surface 8 5/8" @ 396'			
Location 878' FNL & 1235' FWL		Production 5 1/2" @ 4600'			
Sec. 24 Twp. 13s Rge. 36w		Electrical Surveys			
County Logan State Kansas		CNDL, DIL MEL, Sonic			
Formation	Sample tops	Log Tops	Datum	Struct Comp	
Top Anhydrite	NA	2331	+623	+3	
Base Anhydrite	NA	2352	+602	+2	
Heebner	3718	3715	-761	+10	
Toronto	3738	3736	-782	+11	
LKC	3765	3762	-808	+9	
Stark Sh	4023	4019	-1065	+11	
BKC	4094	4092	-1138	+11	
Marmaton	4133	4130	-1176	+22	
Pawnee	4224	4220	-1266	+22	
Fort Scott	4279	4276	-1322	+24	
Cherokee Sh	4311	4307	-1353	+23	
Morrow Sand I	4481	4478	-1524	Absent	
Basal Morrow Sand	4492	4490	-1536	Absent	
Mississippi	4499	4497	-1543	+48	
Total Depth	4600	4598	-1644		
Reference Well For Structural Comparison		Patrick Petroleum Corp.			
Ward #1		C-SE-NW		Sec. 20-13s-35w	

Drilling Contractor	Duke Drilling, Rig #10	
Commenced	4-22-15	Completed 4-28-15
Samples Saved From	3700	To RTD
Drilling Time Kept From	3550	To RTD
Samples Examined From	3700	To RTD
Geological Supervision From	3550	To RTD

Operator	American Warrior, Inc.
Lease	Sneed-Lamb No. 1-24
API #	15-109-21404-0000
Field	Wildcat
Location	878' FNL & 1235' FWL
Sec.	24
County	Logan
State	Kansas

Formation	Sample tops	Log Tops	Datum	Struct Comp
Heebner	3718	3715	-761	+10
Toronto	3738	3736	-782	+11
LKC	3765	3762	-808	+9
Stark Sh	4023	4019	-1065	+11
BKC	4094	4092	-1138	+11
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Mississippi	4499	4497	-1543	+48
Total Depth	4600	4598	-1644	

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:
 LKC E: 3853-3862
 LKC L: 4083-4091 (Before Abandonment)
 Pleasanton: 4104-4108 (Before Abandonment)

Respectfully Submitted,
 Marc A. Downing

