

1265350



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

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)*

Date of first Production/Injection or Resumed Production/Injection:	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>	PRODUCTION INTERVAL: Top _____ Bottom _____
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	O'Brate-Finney 1-36
Doc ID	1265350

All Electric Logs Run

Induction
Porosity
Micro
Sonic

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	O'Brate-Finney 1-36
Doc ID	1265350

Tops

Name	Top	Datum
Anhy	1824	+974
B/Anhy	1902	+896
Chase	2594	+204
Council Grove	2856	-58
Heebner	3990	-1192
Lansing	4048	-1240
B/KC	4549	--1751
Marmaton	4567	-1769
Pawnee	4650'	-1852
Ft.Scott	4675	-1877
Cherokee	4692	-1894
Morrow	4859	-2061
Mississippian	4878	-2080

CEMENTING LOG

Date 7/27/2015 District Liberal # 21 Ticket No. 67299
 Company American Warrior Rig Duke 5
 Lease O'Brate Finney Well No 1-36
 County Finney 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 1708.29

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 0.0636 LIN. FT/BBL _____
 Open Holes BBLS/LIN. FT _____ LIN. FT/BBL 13.6037
 Drill Pipe BBLS/LIN. FT _____ LIN. FT/BBL _____
 Annulus BBLS/LIN. FT _____ LIN. FT/BBL _____
 Perforations From _____ ft to _____ ft Amt _____

CEMENT DATA

Spacer Type _____ Stop loss _____
 Amt. _____ Sks Yield _____ ft³/sk Density 8.5 PPG

LEAD: Time _____ hrs. Type ALWC Class A
6% gel, 0.5 lbs/sk flo-seal, 3% calcium chloride Excess 100%
 Amt. 700 Sks Yield 2 ft³/sk Density 12.46 PPG

TAIL: Time _____ hrs. Type Class A Common
3% calcium chloride, 0.25#/sk flo-seal Excess 100%
 Amt. 200 Sks Yield 1.2 ft³/sk Density 15.6 PPG
 WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total 187 BBLs

Pump Trucks Used: 531-541
 Bulk Equipment 993-1066
955-554

Float Equipment: Manufacturer _____
 Shoe: Type REGULAR GUIDE SHOE Depth _____
 Float: Type AFU FLOAT VALVE Depth _____
 Centralizers: Quantity 1 Plugs Top 1 Bottom _____
 Stage Collars Cement Basket
 Special Equipment _____
 Disp: Fluid Type FRESH WATER Amt 106 bbls Weight 8.33 PPG
 Mud Type _____ Weight _____

COMPANY REPRESENTATIVE _____ CEMENTER Edgar A. Rodriguez

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
9:30 pm						Got to location & spotted trucks / Rig up lines
9:30						Rig running casing
12:10 am						Casing on bottom. Will stab cement head and circulate while we rig up
12:35						Perform safety meeting
12:49	1200					Pressure test lines to 1000 psi
12:55	240		10		2.5	Pump 10 bbls of stop loss
12:59	310		249		6	Pump 700 sks of lead cmt (249 bbls @12.5)
1:53	200		43		4	Pump 200 sks of tail cmt (43 bbls @15.6)
1:51						Losing returns and getting them back/ Will slow rate down to 4 bpm
2:10						Shutdown / Drop plug
2:14	160				5	Pump 106 bbls of displacement
2:28	220				5	Got returns again and then lost them
2:31	580		95		3	Slow rate to bump plug
2:34	600		106		3	Bump plug at 530 psi and took it up to 1170 psi. Hold for 4 minutes
2:38						Floats held. 1/4 bbl back
2:45						Did not circulate cement back to surface / Will go in with 1" pipe
4:50						Waiting on dozer to spot bulk truck in because its muddy / Waiting on bulk
7:00						Bulk on location
8:10						Dozer on location / Will spot bulk in and begin 1" pipe procedures
8:54						Pump 1.5 bbls of fresh to make sure we are able to pump through 1" pipe
8:57						Pump 150 sks of Class A Cmt with 2% Calcium on side (32 bbls @15.6)
9:10						3 bbls of cement left in mix tub and cement topped off /
9:20						Clean lines and truck
9:40						Rig down equipment
11:00						Crew leave location

FINAL DISP. PRESS. 600 PSI BUMP PLUG TO 1170 PSI BLEEDBACK 1/4 BBLs THANK YOU



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

TICKET 28658

PAGE 1 OF 2

SERVICE LOCATIONS
 1. New City KS WELL/PROJECT NO. 1-36 LEASE OBrate Finney COUNTY/PARISH Finney STATE KS CITY Piercerville DATE 5 AUG 15 OWNER
 2. TICKET TYPE SERVICE CONTRACTOR DUKE RIG NAME/NO. 5 SHIPPED VIA CT DELIVERED TO location ORDER NO.
 3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE cement two-stage longstring WELL PERMIT NO. WELL LOCATION 36-25-31
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE TRK 114	90	mi			5.00	450.00
579					Pump Charge	1	ea			1700.00	1700.00
402		1			Centralizer	5 1/2	in	10	ea	60.00	600.00
403		1			Cement Basket	5 1/2	in	2	ea	250.00	500.00
407		1			Insert float shoe w/ fill up	5 1/2	in	1	ea	300.00	300.00
408		1			DV tool	5 1/2	in	1	ea	3250.00	3250.00
417		1			DV latch down Ply & baffle	5 1/2	in	1	ea	200.00	200.00

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.
0530

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?				1	7,000.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	420 47
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Subtotal	15428.47
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Finney TAX 7.65%	892.83
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	16,319.30
<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!



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

TICKET CONTINUATION

TICKET No. 28658

CUSTOMER American Warrior WELL oBrato Finny 1-36 DATE 5 AUG 15 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT
		LOG	ACCT	DF			QTY	U/M	QTY	U/M		
330		1				SMD cement	200	sk			15.75	3150.00
325		1				Standard cement (FargA-2)	125	sk			12.25	1531.25
284		1				calseal	600	lb	6	sk	30.00	180.00
283		1				salt	700	lb			0.20	140.00
292		1				halcol-322	100	lb			8.00	800.00
276		1				florole	75	lb			2.25	168.75
290		1				D-AIR	3	gal			42.00	126.00
281		1				mud flush	500	gal			1.25	625.00
221		1				KCL liquid	4	gal			25.00	100.00
581		1				SERVICE CHARGE					3.25	487.50
583		1				MILEAGE CHARGE					0.75	1117.97

CONTINUATION TOTAL 8427.47

JOB LOG

SWIFT Services, Inc.

DATE 5 Aug 15 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 1-36 LEASE Obate Finney JOB TYPE cement long string 2-stage TICKET NO. 28658

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								125 sk EA-2 w/ 4" floccle 200 sk SMD w/ 4" floccle 5 1/2" x 15.5" 96jts - 4030' shoejt 4" DV tool #20 - 3213' TD = 5000
	0000							on loc TRK 114
	0008							start 5 1/2" x 15.5" casing in well
	0130							Drop ball - circulate
	0230	4	12			200		Pump 500 gal mid flush
		4	20			200		Pump 20 bbl KCL flush
	0245	3 1/2	30			200		mix EA-2 cement 125 sk @ 15.3 ppg wash out P 1/2
	0305	5 1/2	88			200		Displace 1st stage plug
		5 1/2	95			600		
	0330	5 1/2	1500			1350		Land plug Release pressure to truck - dried up
								Drop bomb
						1300		open DV tool
	0338	5	20			200		Pump 20 bbl KCL flush
			7					plug RH - MH 30 sk - 20 sk
	0345	5	65			200		mix SMD cement 125 sk @ 12-14 ppg
	0417							wash out P 1/2
								Drop 2nd stage plug
		5 1/2				200		Displace plug
		5 1/2	74			500		
	0445	5 1/2	77			1600		Land plug - close DV
								Release pressure to truck - dried up
	0450							Wash truck
	0520							Rack up
	0530							job complete
								Thanks Blain, Flint & 15000



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City, KS 67846

ATTN: Luke Thompson

O Brate-Finney #1-36

36-25s-31w Finney,KS

Start Date: 2015.08.01 @ 22:25:36

End Date: 2015.08.02 @ 04:00:36

Job Ticket #: 61736 DST #: 1

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

Printed: 2015.08.04 @ 08:22:30



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
Garden City, KS 67846
ATTN: Luke Thompson

36-25s-31w Finney,KS

O Brate-Finney #1-36

Job Ticket: 61736 **DST#: 1**
Test Start: 2015.08.01 @ 22:25:36

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:45:06
Time Test Ended: 04:00:36
Interval: **4590.00 ft (KB) To 4630.00 ft (KB) (TVD)**
Total Depth: 4639.00 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: 2798.00 ft (KB)
2788.00 ft (CF)
KB to GR/CF: 10.00 ft

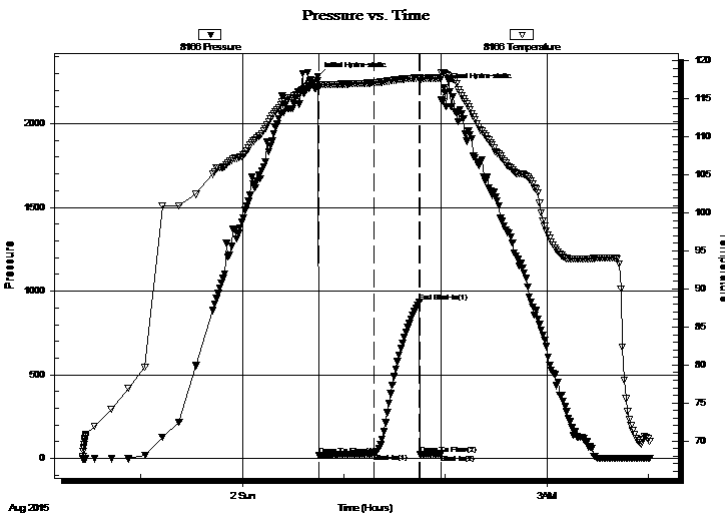
Serial #: 8166

Outside

Press@RunDepth: 27.81 psig @ 4595.00 ft (KB)
Start Date: 2015.08.01 End Date: 2015.08.02
Start Time: 22:25:41 End Time: 04:00:35
Capacity: 8000.00 psig
Last Calib.: 2015.08.02
Time On Btm: 2015.08.02 @ 00:44:36
Time Off Btm: 2015.08.02 @ 01:59:06

TEST COMMENT: IF: Surface blow died in 6 min.
IS: No return.
FF: No blow.
FS: Pulled tool.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2282.65	117.39	Initial Hydro-static
1	18.71	116.56	Open To Flow (1)
33	27.81	117.14	Shut-In(1)
60	934.14	117.81	End Shut-In(1)
61	26.41	117.33	Open To Flow (2)
73	27.22	117.74	Shut-In(2)
75	2214.01	118.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

36-25s-31w Finney,KS

3118 Cummings Rd
Garden City, KS 67846

O Brate-Finney #1-36

Job Ticket: 61736

DST#: 1

ATTN: Luke Thompson

Test Start: 2015.08.01 @ 22:25:36

Tool Information

Drill Pipe:	Length: 4301.00 ft	Diameter: 3.80 inches	Volume: 60.33 bbl	Tool Weight:	2000.00 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: 270.00 ft	Diameter: 2.25 inches	Volume: 1.33 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 61.66 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial	79000.00 lb
Depth to Top Packer:	4590.00 ft			Final	79000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	53.00 ft				
Tool Length:	76.00 ft				
Number of Packers:	2	Diameter: 675.00 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4568.00	
Shut In Tool	5.00			4573.00	
Hydraulic tool	5.00			4578.00	
Jars	5.00			4583.00	
Safety Joint	2.00			4585.00	
Packer	5.00			4590.00	23.00 Bottom Of Top Packer
Packer - Shale	4.00			4594.00	
Stubb	1.00			4595.00	
Recorder	0.00	8373	Inside	4595.00	
Recorder	0.00	8166	Outside	4595.00	
Perforations	10.00			4605.00	
Change Over Sub	1.00			4606.00	
Drill Pipe	31.00			4637.00	
Change Over Sub	1.00			4638.00	
Bullnose	5.00			4643.00	53.00 Anchor Tool

Total Tool Length: 76.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

36-25s-31w Finney,KS

3118 Cummings Rd
Garden City, KS 67846

O Brate-Finney #1-36

Job Ticket: 61736

DST#: 1

ATTN: Luke Thompson

Test Start: 2015.08.01 @ 22:25:36

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:

0 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbf

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	mud 100%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbf

Num Fluid Samples: 0

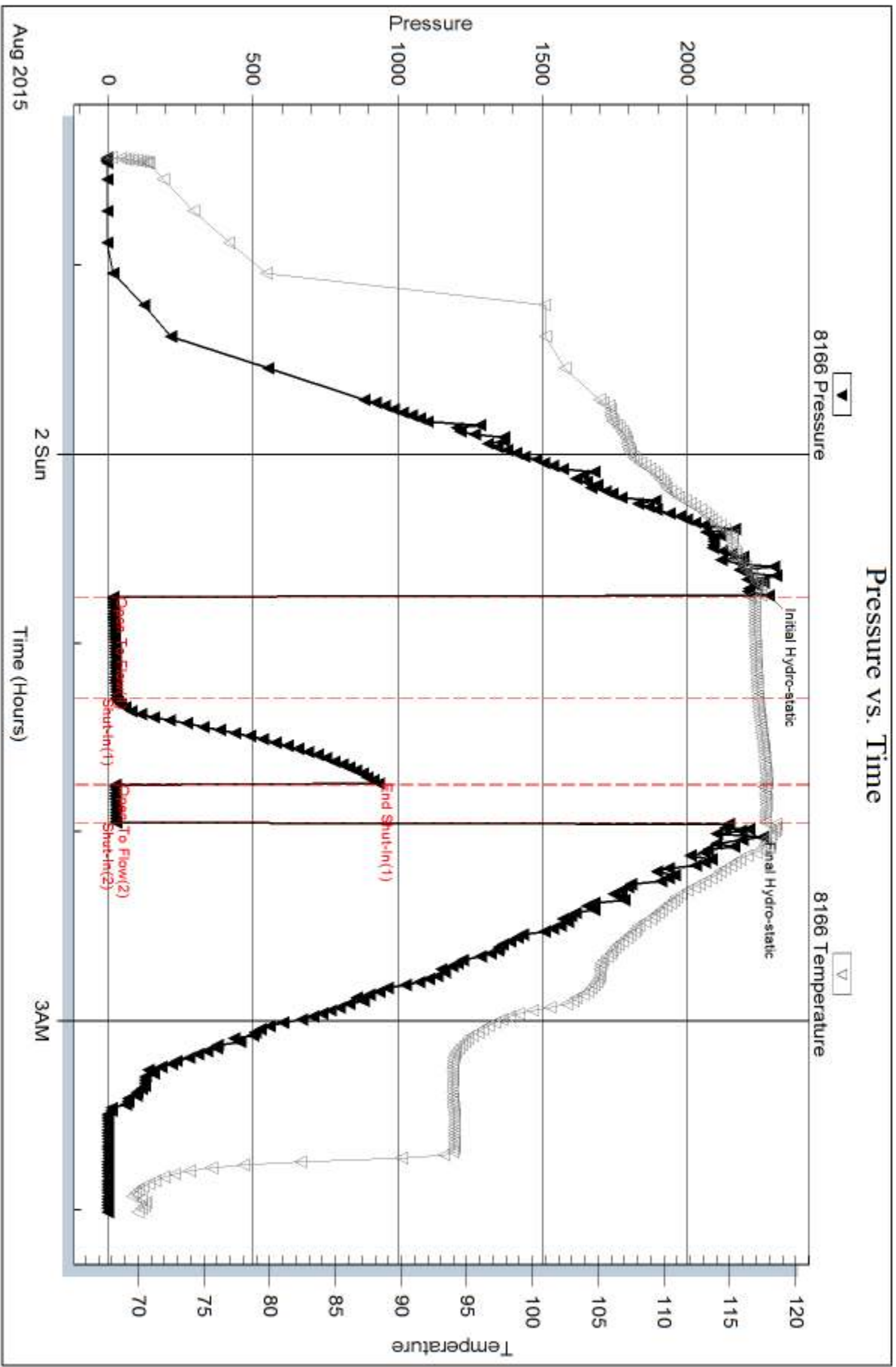
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8373

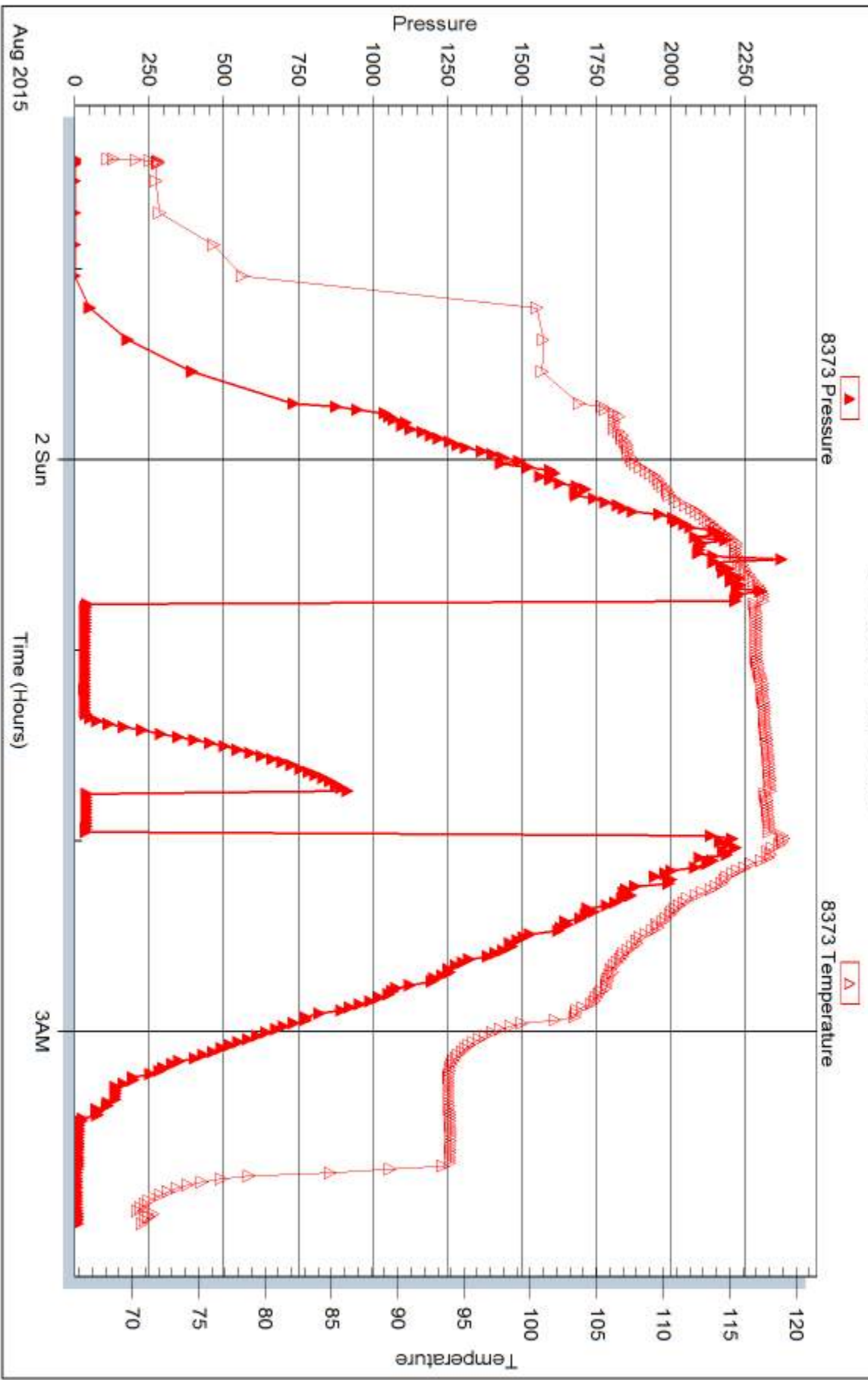
Inside

American Warrior Inc

O Brate-Finney #1-36

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 61736

Printed: 2015.08.04 @ 08:22:31



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City, KS 67846

ATTN: Luke Thompson

O Brate-Finney #1-36

36-25s-31w Finney,KS

Start Date: 2015.08.03 @ 09:25:46

End Date: 2015.08.03 @ 15:23:16

Job Ticket #: 61737 DST #: 2

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

Printed: 2015.08.04 @ 08:22:04



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
Garden City, KS 67846
ATTN: Luke Thompson

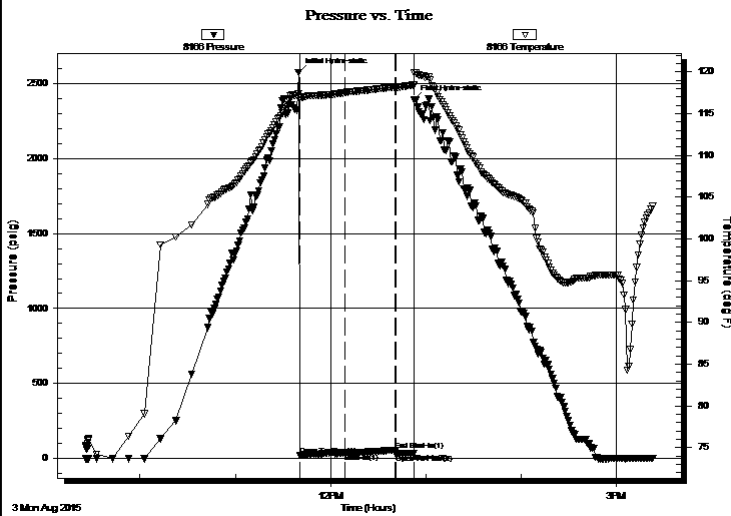
36-25s-31w Finney,KS
O Brate-Finney #1-36
Job Ticket: 61737 **DST#: 2**
Test Start: 2015.08.03 @ 09:25:46

GENERAL INFORMATION:

Formation: **Marrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:40:46
Time Test Ended: 15:23:16
Interval: **4850.00 ft (KB) To 4910.00 ft (KB) (TVD)**
Total Depth: 4910.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 79
Reference Elevations: 2798.00 ft (KB)
2788.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8166 Outside
Press@RunDepth: 36.93 psig @ 4855.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.08.03 End Date: 2015.08.03 Last Calib.: 2015.08.03
Start Time: 09:25:51 End Time: 15:23:15 Time On Btm: 2015.08.03 @ 11:39:46
Time Off Btm: 2015.08.03 @ 12:52:46

TEST COMMENT: IF: Surface blow died in 8 min.
IS: No return.
FF: No blow.
FS: Pulled tool.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2574.59	117.40	Initial Hydro-static
1	21.00	116.90	Open To Flow (1)
30	36.93	117.52	Shut-In(1)
61	55.70	118.21	End Shut-In(1)
62	26.87	118.19	Open To Flow (2)
73	34.31	118.43	Shut-In(2)
73	2392.35	119.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.02

* 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

36-25s-31w Finney,KS

3118 Cummings Rd
Garden City, KS 67846

O Brate-Finney #1-36

Job Ticket: 61737

DST#: 2

ATTN: Luke Thompson

Test Start: 2015.08.03 @ 09:25:46

Tool Information

Drill Pipe:	Length: 4582.00 ft	Diameter: 3.80 inches	Volume: 64.27 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 270.00 ft	Diameter: 2.25 inches	Volume: 1.33 bbl	Weight to Pull Loose:	90000.00 lb
			<u>Total Volume: 65.60 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	82000.00 lb
Depth to Top Packer:	4850.00 ft			Final	82000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	64.00 ft				
Tool Length:	87.00 ft				
Number of Packers:	2	Diameter: 675.00 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00			4828.00	
Shut In Tool	5.00			4833.00	
Hydraulic tool	5.00			4838.00	
Jars	5.00			4843.00	
Safety Joint	2.00			4845.00	
Packer	5.00			4850.00	23.00 Bottom Of Top Packer
Packer - Shale	4.00			4854.00	
Stubb	1.00			4855.00	
Recorder	0.00	8373	Inside	4855.00	
Recorder	0.00	8166	Outside	4855.00	
Perforations	21.00			4876.00	
Change Over Sub	1.00			4877.00	
Drill Pipe	31.00			4908.00	
Change Over Sub	1.00			4909.00	
Bullnose	5.00			4914.00	64.00 Anchor Tool

Total Tool Length: 87.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

36-25s-31w Finney,KS

3118 Cummings Rd
Garden City, KS 67846

O Brate-Finney #1-36

Job Ticket: 61737

DST#: 2

ATTN: Luke Thompson

Test Start: 2015.08.03 @ 09:25:46

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

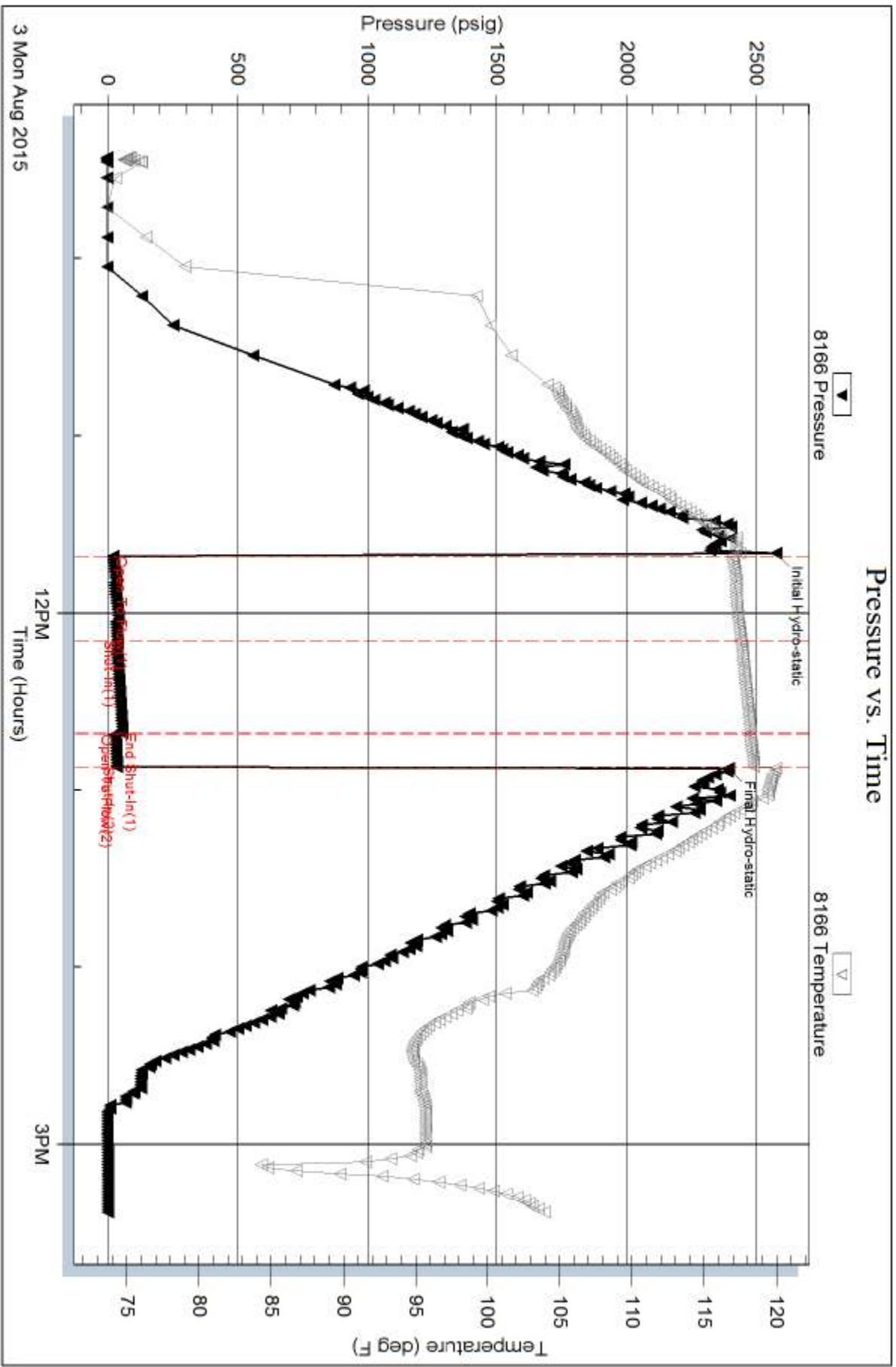
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



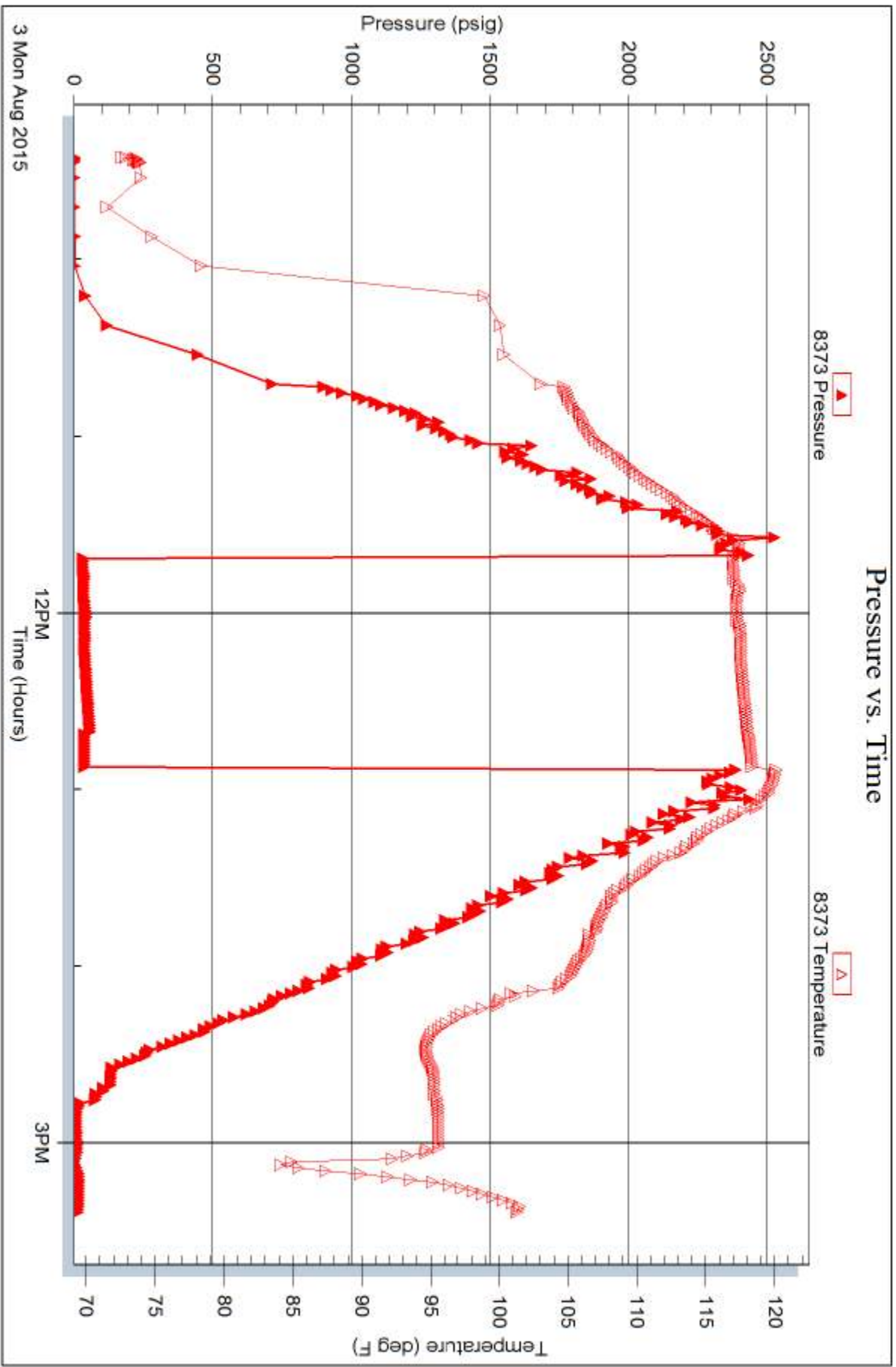
Serial #: 8373

Inside

American Warrior Inc

O Brate-Finney #1-36

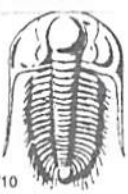
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 61737

Printed: 2015.08.04 @ 08:22:05



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61736

Well Name & No. O Brite - Finney 1-36 Test No. 1 Date 8-1-15
 Company American warrior inc Elevation 2798 KB 2788 GL
 Address 3118 Cummings Rd Garden city, KS 67846
 Co. Rep / Geo. Luke Thompson Rig Duke O
 Location: Sec. 36 Twp. 25S Rge. 34W Co. Finney State KS

Interval Tested 4590 4639 Zone Tested Morrison
 Anchor Length 49 Drill Pipe Run 4301 Mud Wt. 9.35
 Top Packer Depth 4585 Drill Collars Run 270 Vis 44
 Bottom Packer Depth 4590 Wt. Pipe Run — WL 10.4
 Total Depth 4639 Chlorides 4400 ppm System LCM Z

Blow Description IF: surface blow died in 6 min.
#5: No return.
FF: No blow,
FS: pulled

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 117 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2282</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>21:20</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>22:25</u>
(C) First Final Flow <u>27</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>00:44</u>
(D) Initial Shut-In <u>934</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIC</u>	T-Pulled <u>1:54</u>
(E) Second Initial Flow <u>26</u>	<input type="checkbox"/> Hourly Standby <u>—</u>	T-Out <u>4:00</u>
(F) Second Final Flow <u>27</u>	<input checked="" type="checkbox"/> Mileage <u>120 BT</u> <u>113</u>	Comments <u>—</u>
(G) Final Shut-In <u>—</u>	<input type="checkbox"/> Sampler <u>—</u>	<input type="checkbox"/> Ruined Shale Packer <u>—</u>
(H) Final Hydrostatic <u>2214</u>	<input type="checkbox"/> Straddle <u>—</u>	<input type="checkbox"/> Ruined Packer <u>—</u>
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Extra Copies <u>—</u>
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer <u>—</u>	Sub Total <u>0</u>
Final Flow <u>10</u>	<input type="checkbox"/> Extra Recorder <u>—</u>	Total <u>1838</u>
Final Shut-In <u>pulled</u>	<input type="checkbox"/> Day Standby <u>—</u>	MP/DST Disc't <u>—</u>
	<input type="checkbox"/> Accessibility <u>—</u>	
	Sub Total <u>1838</u>	

Approved By _____ Our Representative [Signature]

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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61737

Well Name & No. O Brate-Finney 1-36 Test No. 2 Date 8-3-15
 Company American Warrior Inc Elevation 2798 KB 2788 GL
 Address _____
 Co. Rep / Geo. Luke Thompson Rig Duke 5
 Location: Sec. 36 Twp. 25S Rge. 31W Co. Finney State KS

Interval Tested 4850 4900 Zone Tested Marrow
 Anchor Length 60 Drill Pipe Run 4582 Mud Wt. 9.3
 Top Packer Depth 4845 Drill Collars Run 270 Vis 52
 Bottom Packer Depth 4850 Wt. Pipe Run _____ WL 9.2
 Total Depth 4910 Chlorides 4800 ppm System LCM 2

Blow Description IF: surface blow died in 8 min.
IS: No return,
FF: No blow
FS: Pulled tool,

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>MH</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 118 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2514 Test 1150 T-On Location 8:50
 (B) First Initial Flow 21 Jars 250 T-Started 9:25
 (C) First Final Flow 36 Safety Joint 75 T-Open 11:40
 (D) Initial Shut-In 55 Circ Sub NIL T-Pulled 12:50
 (E) Second Initial Flow 26 Hourly Standby _____ T-Out 15:25
 (F) Second Final Flow 34 Mileage 120 - 113 Comments _____
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic 2393 Straddle _____
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Initial Open 30 Day Standby _____ Sub Total 0
 Initial Shut-In 30 Accessibility _____ Total 1838
 Final Flow 30 Sub Total 1838 MP/DST Disc't _____
 Final Shut-In Pull 30

Approved By _____ Our Representative

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Geological Report

American Warrior, Inc.
O'Brate-Finney #1-36
1828' FNL & 1483' FEL
Sec 36, T25s, R31w
Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
O'Brate-Finney #1-36
1828' FNL & 1483' FEL
Sec. 36, T25s, R31w
Finney County, Kansas
API # 15-055-22394-00-00

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Luke Thompson

Spud Date: July 25, 2015

Completion Date: August 5, 2015

Elevation 2787' G.L.
2798' K.B.

Directions: From the intersection of Highway 50 and Main St.
in Pierceville, KS, go 1.8 miles south to Annie
Scheer/K Rd, go East 0.5 miles to trail, now go
South 1.3 miles and east into.

Casing: 1708' 8 5/8" #24 Surface Casing
4034' 5 1/2" #15.5 Production Casing

Samples: 3900' to RTD 10' Wet & Dry

Drilling Time: 3900' to RTD

Electric Logs: Pioneer Energy Services "J. Long"
Full Sweep

Drillstem Tests: Two-Trilobite Testing "Brandon Turley"

Problems: Lost Circulation @ 1211'

Formation Tops
O'Brate-Finney #1-36
Sec. 36, T25s, R31w
1828' FNL & 1483' FEL

Anhydrite	1824' +974
Base	1902 +896
Chase	2594' +204
Krider	2626' +172
Winfield	2682' +116
Towanda	2737' +61
Fort Riley	2792' +6
Council Grove	2856' -58
Heebner	3990' -1192
Lansing	4048' -1240
Stark	4416' -1618
Bkc	4549' -1751
Marmaton	4567' -1769
Pawnee	4650' -1852
Fort Scott	4675' -1877
Cherokee	4692' -1894
Morrow	4859' -2061
Miss	4878' -2080
RTD	4950' -2009
LTD	4948' -2007

Sample Zone Descriptions

Marmaton (4605', -1807): Covered in DST #1

Limestone, cream, sub-crystalline, slightly chalky, scattered recrystallization, poor scattered inter-crystalline porosity, poor-fair show of free oil, fair-good show of free oil when crushed, fair odor. Gas 105 units hotwire.

Morrow (4874', -2076 & 4885', -2087): Covered in DST #2

4874' Few cuttings, Sandstone, grey, fine grained, sub-round, fair-well sorted, poor inter-crystalline porosity, tight, scattered dead oil stain, show of free oil when broke, no odor, slow stream cut. Gas 183 units hotwire.

4885' Limestone, white, sandy, chalky, scattered brown stain, dead oil stain, good show of free oil when broke, fair-good stream cut, slight odor. Gas 197 units hotwire.

Drill Stem Tests

Trilobite Testing
"Brandon Turley"

DST #1

Marmaton

Interval (4590' – 4630') Anchor Length 40'

IHP - 2283 #

IFP - 30" – WSB dead in 6 min 19-28 #

ISI - 30" – No return 934 #

FFP - 10" – no blow 26-27 #

FSIP - pulled test N/A

FHP - 2214 #

BHT - 118° F

Recovery: 5' M

DST #2

Morrow/St. Gen.

Interval (4850' – 4910') Anchor Length 60'

IHP - 2575 #

IFP - 30" – WSB dead in 8 min 21-37#

ISI - 30" – No Return 56 #

FFP - 10" – No Blow 27-34 #

FSIP - Pulled Test N/A

FHP - 2392 #

BHT - 120 ° F

Recovery: 5' M

Structural Comparison

	American Warrior, Inc. O'Brate-Finney #1-36 Sec. 36, T25s, R31w 1828' FNL & 1483' FEL		American Warrior, Inc. O'Brate-Finney #2-36 Sec. 36, T25s, R31w 597' FNL & 1828' FWL		American Warrior, Inc. O'Brate-Finney #1-25 Sec. 25, T25s, R31w 141' FSL & 1876' FEL
Formation					
Heebner	3990' -1192	-19	3967' -1173	-20	3954' -1172
Lansing	4048' -1240	-22	4012' -1218	-21	4001' -1219
Stark	4416' -1618	-30	4382' -1588	-26	4374' -1592
BKC	4549' -1751	-20	4525' -1731	-25	4508' -1726
Marmaton	4567' -1769	-15	4548' -1754	-18	4533' -1751
Pawnee	4650' -1852	-26	4620' -1826	-31	4603' -1821
Fort Scott	4675' -1877	-23	4648' -1854	-29	4630' -1848
Cherokee	4692' -1894	-31	4657' -1863	-36	4640' -1858
Morrow	4859' -2061	-51	4804' -2010	-59	4784' -2002
Miss	4878' -2080	-52	4822' -2028	-47	4815' -2033

Summary

The location for the O'Brate-Finney #1-36 well was found via 3-D seismic survey. The new well ran structurally as expected. Two drill stem test were conducted, none of which recovered commercial quantities of oil. After all the gathered data had been examined, the decision was made to run 5 ½" casing to further evaluate the O'Brate-Finney #1-36 well.

Perforations

Primary:	Krider	2629' – 2633'
Secondary:	Council Grove	2985' – 2988'
		2964' – 2967'
	Towanda	2738' – 2743'

Before Abandonment: Winfield 2696' – 2700'

2684' – 2687'

Krider 2654' – 2658'

Water Injection: Plattsmouth 3967' – 3987'

Respectfully Submitted,

Lukas Thompson
American Warrior, Inc.