



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1211901
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
-----------------------------------	-----------------	---

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: _____

1211901

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			
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)*

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: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	O'Brate-Finney 2-15
Doc ID	1211901

Tops

Name	Top	Datum
Anhy	1793'	+979
B/Anhy	1867'	+905
Heebner	3887'	-1115
Lansing	3941'	-1169
B/KC	4426'	-1654
Marmaton	4452'	-1680
Ft.Scott	4552'	-1780
Morrow	4723'	-1951
Mississippian	4730'	-1958

CEMENTING LOG

Date 5/23/2014 District Liberal # 21 Ticket No. 53134
 Company AMERICAN WARRIOR Rig DUKE # 5
 Lease O'BRATE-FINNEY Well No 2-15
 County FINNEY State KS.

Location _____
 Field _____

Casing Data Conductor PTA Squeeze Misc.
 Surface Intermediate Production Liner

Size 8 5/8 Type j-55 Weight 24# Collar _____

Casing Depths Top _____ Bottom 1698 ft.

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 15.698
 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 13.605
 BBLs/LIN. FT _____ LIN. FT/BBL _____
 Perforations From _____ ft to _____ ft Amt _____

CEMENT DATA
 Spacer Type 5 BBLs H2O
 Amt. _____ Sks Yield _____ ft³/sk Density 8.34 PPG

LEAD: Time _____ hrs. Type 65/35/6%GEL
3%CC, .5LB/SK. FLOSEAL Excess 100%

Amt. 625 Sks Yield 2 ft³/sk Density 12.46 PPG
 TAIL: Time _____ hrs. Type CLASS A NEAT

Excess 100%
 Amt. 200 Sks Yield 1.19 ft³/sk Density 15.6 PPG

WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total 186.9 BBLs

Pump Trucks Used: 531-541
 Bulk Equipment 495-841

Float Equipment: Manufacturer weatherford
 Shoe: Type guideshoe Depth 1698 ft.
 Float: Type AFU INSERT FLOAT Depth 1655.71 ft.
 Centralizers: Quantity 3 Plugs Top 1 Bottom _____
 Stage Collars _____

Special Equipment CEMENT BASKET
 Disp: Fluid Type H2O Amt 105.5 bbls Weight 8.4 PPG
 Mud Type _____ Weight _____

COMPANY REPRESENTATIVE _____ CEMENTER Ruben Chavez

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
8:00						Got To Location Spot Trucks, And Rig Up.
12:05						Have A Pre-job Safety Meeting
12:25	300		2	2	2	Pump 2 bbls h2o to fill up pumping lines
12:28						pressure test to 2500 PSI
12:30	300		10	8	3	start pumping 10 BBLs H2O SPACER
12:35	300		232.6	222.6	7	Start pumping lead cement 625 SK, 222.6 BBLs SLURRY
1:10	140		275.3	42.7	5	Start pumping cement tail 200 sk cemenT42.7 BBLs SLURRY
1:25						Shut down
						Wash pumping lines
1:28						Drop the plug
1:29	0		375.3	95	6	Start displacement
1:45	500		385.8	10.5	3	Slow down pumping rate
1:48	600					Finished displacement t
	1100					Bump plug at 1100 psi
						Circulate 50 bbls of slurry to pit
1:53	1100					Release pressure float held good
						Job finished
						Wash pumping lines
						Rig down
						Thankyou

FINAL DISP. PRESS. 600 PSI BUMP PLUG TO 1100 PSI BLEEDBACK _____ BBLs **THANK YOU**



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

TICKET 26330

PAGE 1 OF 2

SERVICE LOCATIONS
 1. Availability KS WELL/PROJECT NO. 2-15 LEASE O'Brate-Finney COUNTY/PARISH Finney STATE KS CITY Pierceland DATE 19 Jun 14 OWNER
 2. TICKET TYPE SERVICE SALES CONTRACTOR Duke RIG NAME/NO. 8 SHIPPED VIA CT DELIVERED TO Location ORDER NO.
 3. WELL TYPE o.i. WELL CATEGORY Development JOB PURPOSE cement long string WELL PERMIT NO. WELL LOCATION 15-25-31
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	100	mi			6.00	600.00
578		1			Pump Charge	1	ea			1500.00	1500.00
402		1			Centralizer	52	in	9	ea	70.00	630.00
403		1			Cement Basket	52	in	2	ea	300.00	600.00
406		1			Latch down plug & handle	52	in	1	ea	275.00	275.00
407		1			Inset float shoe w/ AUTO FILL	52	in	1	ea	375.00	375.00

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.
12:50

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	3980.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	6189.75
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal	10,169.75
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Finney TAX 7.3%	496.66
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	10,666.41
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					



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

TICKET CONTINUATION

TICKET No. 26330

CUSTOMER American Warrior WELL O'Boate-Finney, 2-15 DATE 1 Jun 14 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M		
325		1				STANDARD cement (for EA-2)	175	sk			14 50	2537.50
284		1				Calseal	800	lb	8	sk	35 00	280.00
283		1				salt	900	lb			0 20	180.00
292		1				brinol-322	125	lb			8 00	1000.00
276		1				Flocelc	50	lb			2 50	125.00
281		1				mid flush	500	gal			1 25	625.00
221		1				KCL liquid	2	gal			25 00	50.00
290						D-AIR	3	gal			42 00	126.00
581		1				SERVICE CHARGE	175				2 00	350.00
583		1				MILEAGE CHARGE	TOTAL WEIGHT 18305	LOADED MILES 700	TON MILES 916.25		1 00	916.25

CONTINUATION TOTAL 6189.75

JOB LOG

SWIFT Services, Inc.

DATE Jan 14 PAGE NO.

CUSTOMER American Warrior WELL NO. 2-15 LEASE Ostrate-Finney JOB TYPE cement long string TICKET NO. 26330

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sk EA-2 w) 1/4" floable 5 1/2" x 15.5" casing 118 joints 49524' RTD=5000 bbl @ 4984 21.4' shoe joint Centralizers 1, 2, 3, 4, 5, 7, 9, 11, 13 Basket 2, 6
	0800							on loc TRK 114
	0839							start 5 1/2" x 15.5" casing in well
	1035							Drop ball - circulate
	1100	4	12				200	Pump 500 gal mud flush
		4	20				200	Pump 20 bbl KCL flush
			7					Plug RH - MH 30 sk - 20 sk
	1125	4	35				200	mix EA-2 cement 125 sk @ 15.3 ppg
								Drop latch drum plug wash out pump line
	1132	6					200	Displace plug
		6	108				750	
	1200	6	168				1450	Land plug
	1202							Release pressure to truck - dried up
	1207							wash truck
	1230							Rack up
	1235							job complete
								Thanks Blaine Flint & Isaac



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

3118 Cummings Rd.
Garden City, KS 67846

ATTN: Kevin Timson

O'Brate-Finney #2-15

15-25s-31w Finney,KS

Start Date: 2014.05.29 @ 13:08:00

End Date: 2014.05.29 @ 22:58:00

Job Ticket #: 56539 DST #: 1

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

Printed: 2014.06.02 @ 11:07:46

American Warrior Inc.
15-25s-31w Finney,KS
O'Brate-Finney #2-15
DST # 1
Marmaton-Pawnee
2014.05.29



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc.
3118 Cummings Rd.
Garden City, KS 67846
ATTN: Kevin Timson

15-25s-31w Finney,KS
O'Brate-Finney #2-15
Job Ticket: 56539 **DST#: 1**
Test Start: 2014.05.29 @ 13:08:00

GENERAL INFORMATION:

Formation: **Marmaton-Pawnee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:13:00
Time Test Ended: 22:58:00
Test Type: Conventional Bottom Hole (Initial)
Tester: Cornelio Landa III
Unit No: 60
Interval: **4460.00 ft (KB) To 4547.00 ft (KB) (TVD)**
Total Depth: 4547.00 ft (KB) (TVD)
Reference Elevations: 2772.00 ft (KB)
Hole Diameter: 7.88 inches Hole Condition: Good
KB to GR/CF: 11.00 ft
2761.00 ft (CF)

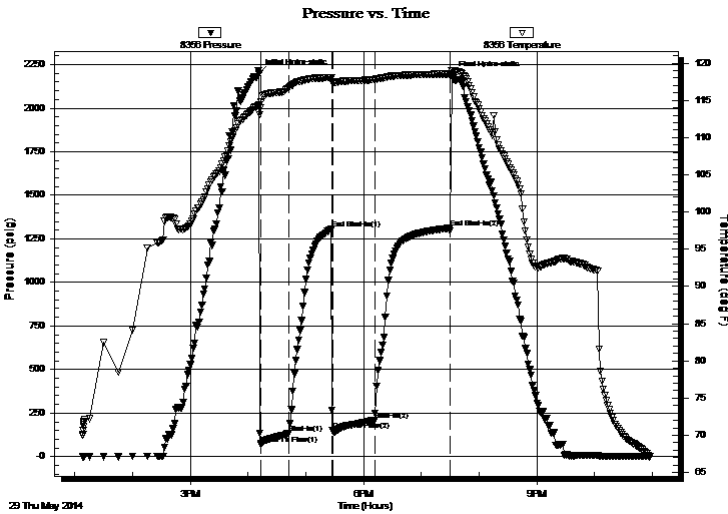
Serial #: 8356

Outside

Press@RunDepth: 208.89 psig @ 4463.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.05.29 End Date: 2014.05.29 Last Calib.: 2014.05.29
Start Time: 13:08:05 End Time: 22:58:00 Time On Btm: 2014.05.29 @ 16:11:30
Time Off Btm: 2014.05.29 @ 19:31:30

TEST COMMENT: IF: B.o.b. in 3 min. 15 sec.
IS: Bled off 4 min-Surface blow back-Built to 3/4 in.-Died in 31 min.
FF: B.o.b. in 3 min.
FS: Bled off in 3 min.-B.o.b. in 20 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2197.47	114.33	Initial Hydro-static
2	70.81	114.03	Open To Flow (1)
31	134.39	116.69	Shut-In(1)
75	1305.63	118.02	End Shut-In(1)
76	149.15	117.52	Open To Flow (2)
120	208.89	117.79	Shut-In(2)
198	1311.28	118.55	End Shut-In(2)
200	2187.74	119.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	Wco & Gcm 5w 10o 40g 45m	0.60
185.00	Wcm & Ocg 5w 15m 20o 60g	1.48
31.50	Cog 25o 75g	0.44
31.50	Ocm & G 20o 40m 40g	0.44
78.00	G & Ocm 20g 30o 50m	1.09
0.00	GIP=234	0.00

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: Kevin Timson

15-25s-31w Finney,KS
O'Brate-Finney #2-15
Job Ticket: 56539 **DST#: 1**
Test Start: 2014.05.29 @ 13:08:00

Tool Information

Drill Pipe:	Length: 4211.00 ft	Diameter: 3.80 inches	Volume: 59.07 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: 22000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 10000.00 lb
			<u>Total Volume: 60.27 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4460.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	87.00 ft			
Tool Length:	114.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Stubb	1.00			4434.00	
Shut In Tool	5.00			4439.00	
Hydraulic tool	5.00			4444.00	
Jars	5.00			4449.00	
Safety Joint	2.00			4451.00	
Packer	5.00			4456.00	27.00 Bottom Of Top Packer
Packer	4.00			4460.00	
Stubb	1.00			4461.00	
Perforations	1.00			4462.00	
Change Over Sub	1.00			4463.00	
Recorder	0.00	8373	Inside	4463.00	
Recorder	0.00	8356	Outside	4463.00	
Drill Pipe	63.00			4526.00	
Change Over Sub	1.00			4527.00	
Perforations	15.00			4542.00	
Bullnose	5.00			4547.00	87.00 Bottom Packers & Anchor
Total Tool Length:	114.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

15-25s-31w Finney,KS

3118 Cummings Rd.
Garden City, KS 67846

O'Brate-Finney #2-15

Job Ticket: 56539

DST#: 1

ATTN: Kevin Timson

Test Start: 2014.05.29 @ 13:08:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

9000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.95 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	Wco & Gcm 5w 10o 40g 45m	0.600
185.00	Wcm & Ocg 5w 15m 20o 60g	1.484
31.50	Cog 25o 75g	0.442
31.50	Ocm & G 20o 40m 40g	0.442
78.00	G & Ocm 20g 30o 50m	1.094
0.00	GIP=234	0.000

Total Length: 448.00 ft Total Volume: 4.062 bbl

Num Fluid Samples: 0

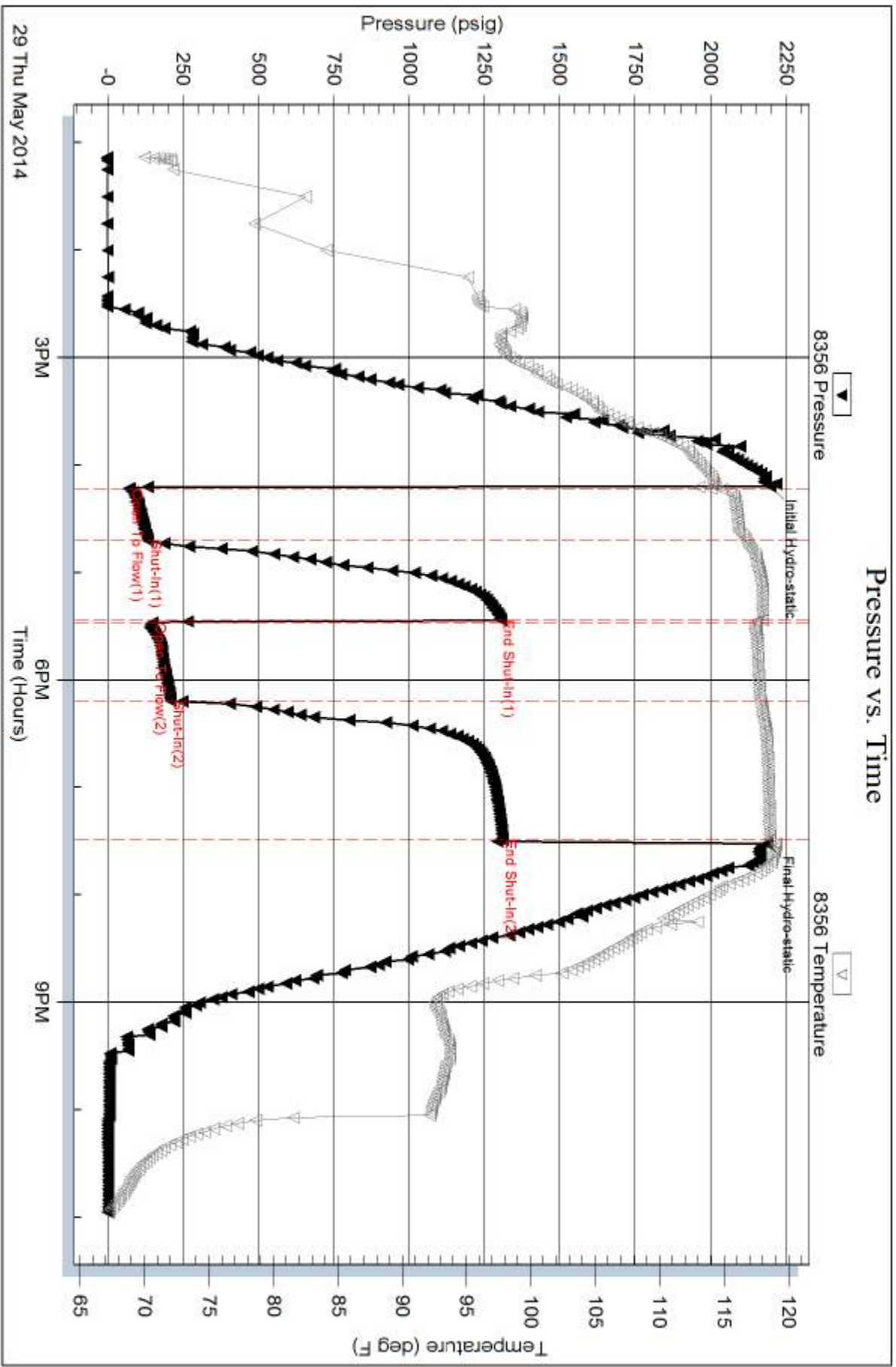
Num Gas Bombs: 0

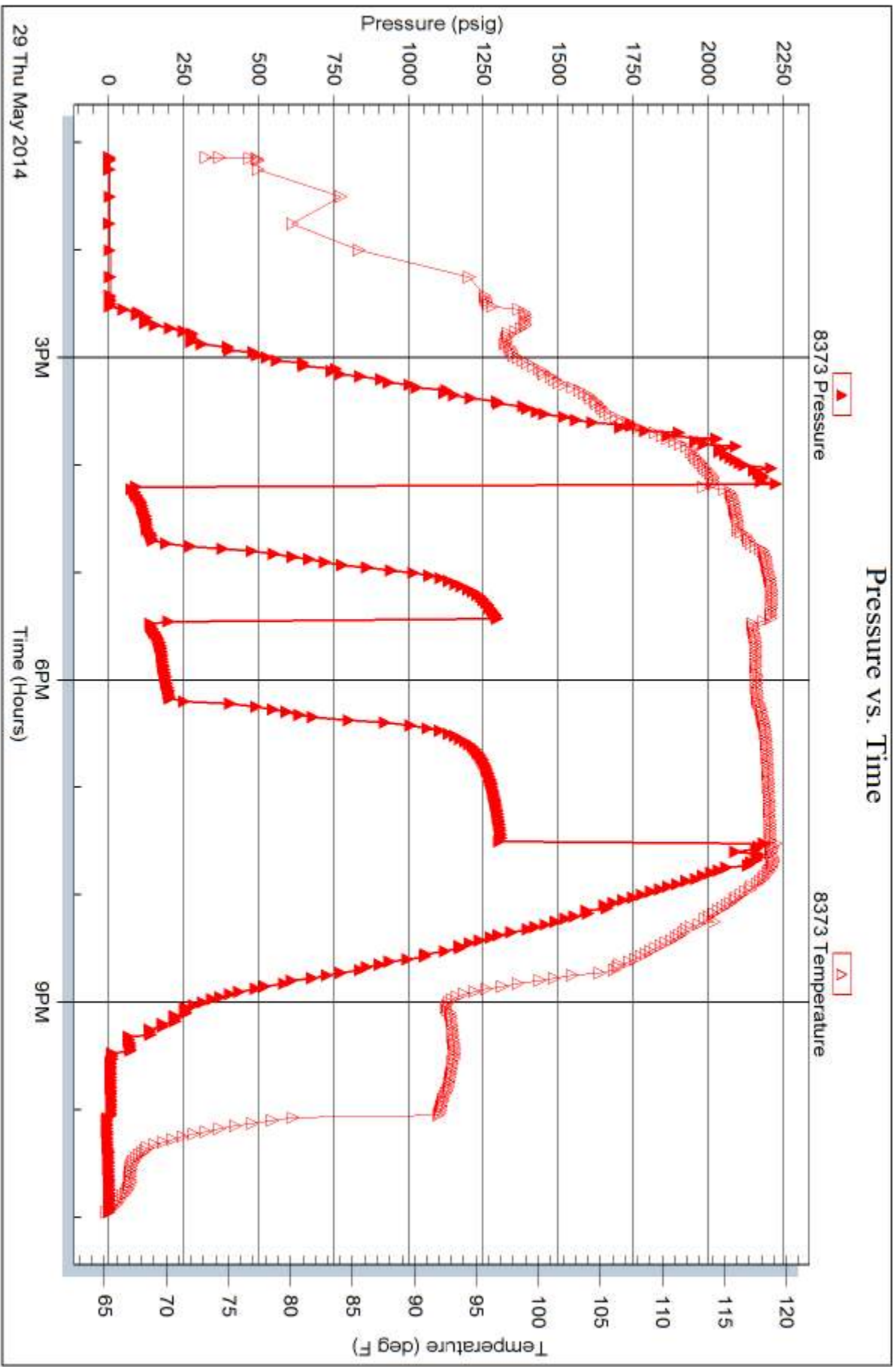
Serial #:

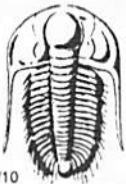
Laboratory Name:

Laboratory Location:

Recovery Comments: RW .580 @ 80.5 = 9000 Gravity 34 @76=32







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **56539**

4/10

Well Name & No. O'Brate-Finney #2-15 Test No. 1 Date 5-29-14
 Company American Warrior Inc. Elevation 2772 KB 2761 GL
 Address 3118 Cummings Rd - Garden City, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke #5
 Location: Sec. 15 Twp. 25-S Rge. 31-W Co. Finney State KS

Interval Tested 4460-4547 Zone Tested Marmaton-Pawnee
 Anchor Length 87' Drill Pipe Run ~~4211~~ 4211 Mud Wt. 9.1
 Top Packer Depth 4454 Drill Collars Run 244 Vis 55
 Bottom Packer Depth 4460 Wt. Pipe Run Ø WL 8.0
 Total Depth 4547 Chlorides 2100 ppm System LCM #2

Blow Description IF: B.O.B. in 3min - 15 sec
ISF: Blod off in 4min - Surface blowback - Blew to 3 1/4 in. - Dred in 31 min.
FF: B.O.B. in 3min.

FST: Blod off in 3min - Bob in 20min -

Rec <u>122</u>	Feet of <u>WCO + Gcm</u>	<u>40%</u> gas	<u>10%</u> oil	<u>5%</u> water	<u>45%</u> mud
Rec <u>185</u>	Feet of <u>WCM + OCG</u>	<u>60%</u> gas	<u>20%</u> oil	<u>5%</u> water	<u>15%</u> mud
Rec <u>315</u>	Feet of <u>COG</u>	<u>75%</u> gas	<u>25%</u> oil	<u>0%</u> water	<u>0%</u> mud
Rec <u>315</u>	Feet of <u>OCM + G</u> <u>GIP=234</u>	<u>40%</u> gas	<u>20%</u> oil	<u>0%</u> water	<u>40%</u> mud
Rec <u>78</u>	Feet of <u>G + OCM</u>	<u>20%</u> gas	<u>30%</u> oil	<u>0%</u> water	<u>50%</u> mud

Rec Total 4418 BHT 119 Gravity 32 API RW. 500 @ 80.5° F Chlorides 9,000 ppm

(A) Initial Hydrostatic <u>2197</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>12:35</u>
(B) First Initial Flow <u>71</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>13:08</u>
(C) First Final Flow <u>134</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>16:13</u>
(D) Initial Shut-In <u>1306</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>19:31</u>
(E) Second Initial Flow <u>149</u>	<input checked="" type="checkbox"/> Hourly Standby <u>lost test 5:29 - 140</u>	T-Out <u>22:58</u>
(F) Second Final Flow <u>209</u>	<input checked="" type="checkbox"/> Mileage <u>112 R-T 22:58</u>	Comments <u>on loc. @ 8:00 a.m.</u>
(G) Final Shut-In <u>1311</u>	<input type="checkbox"/> Sampler <u>347.20</u>	<u>on 5-31-14 9 hrs. Standby</u>
(H) Final Hydrostatic <u>2188</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open <u>30</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>800</u>
Final Shut-In <u>78 78</u>	<input type="checkbox"/> Day Standby <u>1d 9h</u>	Total <u>2722.20</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1000</u>	<u>Called on 5-31-14 @ 8:00 a.m.</u>

Approved By _____ Our Representative Cal [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.

Geological Report

American Warrior, Inc.
O'Brate-Finney #2-15
1994' FNL & 537' FWL
Sec. 15, T25s, R31w
Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
O'Brate-Finney #2-15
1994' FNL & 537' FWL
Sec. 15, T25s, R31w
Finney County, Kansas
API # 15-055-22300-00-00

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Kevin Timson

Spud Date: May 22, 2014

Completion Date: June 1, 2014

Elevation 2761' G.L.
2772' K.B.

Directions: From Pierceville, KS. Go South on Main Street .9 miles to Beach Rd. Go West 2 miles, follow curve to the North ½ mile. East into location.

Casing: 1698' 8 5/8" #24 Surface Casing
4964' 5 ½" #15.5 Production Casing

Samples: 4300' to RTD 10' Wet & Dry

Drilling Time: 3850' to RTD

Electric Logs: Pioneer Energy Services "C. Desaire"
Stacked-Micro

Drillstem Tests: One-Trilobite Testing "Corndog"

Problems: Rig repairs during FSI on DST made it longer.

Formation Tops
O'Brate-Finney #2-15
Sec. 15, T25s, R31w
1994' FNL & 537' FWL

Anhydrite	1793' +979
Base	1867' +905
Heebner	3887' -1115
Lansing	3941' -1169
Stark	4304' -1532
Bkc	4426' -1654
Marmaton	4452' -1680
Pawnee	4529' -1757
Fort Scott	4552' -1780
Cherokee	4564' -1792
Morrow	4723' -1951
Miss	4730' -1958
RTD	5000' -2228
LTD	4998' -2226

Sample Zone Descriptions

Pawnee (4529',-1757): Covered in DST #1
 Ls. Tan. Medium to sub crystalline. Fair oomoldic and fair oolycastic porosity. Good stain. Fair saturation. Fair odor. 25 Units hotwire.

Marmaton (4452', -1680): Not tested
 Ls. Brown. Sub crystalline. Fair to good oomoldic porosity. Fair stain. Fair saturation. Poor odor. 60 Unit hotwire.

Drill Stem Tests
 Trilobite Testing
 “Corndog”

DST #1

Marmaton to Pawnee

Interval (4460’ – 4547’) Anchor 87’

IHP	- 2197 #	
IFP	- 30” – BOB in 3 min	71-134 #
ISI	- 45” – WSB built to ¾”	1306 #
FFP	- 45” – BOB in 3 min	149-209 #
FSIP	- 78” – BOB in 20 min	1311 #
FHP	- 2188 #	
BHT	- 119° F	

Recovery: 78’ G & OCM (30% Oil, 20% Gas) Gravity: 32
 32’ OCM & G (20% Oil, 40% Gas)
 32’ COG (25% Oil, 75% Gas)
 185’ WCM & OCG (20% Oil, 60% Gas, 5% Water)
 122’ WCO & GCM (10% Oil, 40% Gas, 5% Water)

Structural Comparison

Formation	American Warrior, Inc. O’Brate-Finney #2-15 Sec. 15, T25s, R31w 1994’ FNL & 537’ FWL	American Warrior, Inc. O’Brate-Finney #1-15 Sec. 15, T25s, R31w 1697’ FSL & 1379’ FWL	American Warrior, Inc. Clark #2-2 Sec 2, T25s, R31w 1705’ FNL & 657’ FEL
Heebner	3887’ -1115	+10	3895’ -1125
Lansing	3941’ -1169	+11	3950’ -1180
Stark	4304’ -1532	+10	4312’ -1542
BKC	4426’ -1654	+19	4443’ -1673
Marmaton	4452’ -1680	+18	4468’ -1698
Pawnee	4529’ -1757	+13	4540’ -1770
Fort Scott	4552’ -1780	+19	4569’ -1799
Cherokee	4564’ -1792	+22	4584’ -1814
Morrow	4723’ -1951	+31	4752’ -1982
Miss	4730’ -1958	+56	4784’ -2014

Summary

The location for the O'Brate-Finney #2-15 well was found via 3-D seismic survey. The new well ran structurally as expected. One drill stem was conducted, which recovered commercial amounts of oil from the Pawnee Limestone formation. After all the gathered data had been examined, the decision was made to run 5 ½" production casing to further evaluate the O'Brate-Finney #2-15 well.

Perforations

Primary: **Pawnee** **(4534' – 4540')**

Secondary: **Marmaton** **(4449' – 4454')**

Before Abandonment: **Marmaton** **(4508' – 4510')**

Marmaton **(4482' – 4485')**

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

