

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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) (Submit ACO-4)</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:	
----------------	-------	---------	------------	--

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	REMMERT 1-4
Doc ID	1315478

All Electric Logs Run

Dual IND
Dual Porosity
Micro
Sonic

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	REMMERT 1-4
Doc ID	1315478

Tops

Name	Top	Datum
Topeka	2476	-742
Heebner	2746	-1012
Toronto	2766	-1032
Douglas	2778	-1044
Lansing	2886	-1152
BKC	3172	-1438
Congl.	3228	-1494
Arbuckle	3262	1528

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	REMMERT 1-4
Doc ID	1315478

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	3268-3273	500 gals 20% MCA	3268-3273



Services, Inc.

CHARGE TO: American Warrior

ADDRESS
CITY, STATE, ZIP CODE

TICKET 29232

PAGE 1 OF 1

1. SERVICE LOCATIONS Ness City KS	WELL/PROJECT NO. # 4-28	LEASE Remmert	COUNTY/PARISH Rice	STATE KS	CITY Bushton	DATE 4-28-16	OWNER Senn
2. TICKET TYPE SERVICE	CONTRACTOR Discovery Drilling	RIG NAME/NO. # 3	SHIPPED VIA CT	DELIVERED TO Location	WELL PERMIT NO.	ORDER NO.	
3. WELL TYPE SALES	WELL CATEGORY Development	JOB PURPOSE Cement 8 5/8 Surface pipe				WELL LOCATION Bushton ks - 4 1/2, 1/2 S 2 1/2 W 2 1/2	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.			UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY.	UM	QTY.			UM
575												
576 S							8	5/8	in	1 job	800	800
325					Pump Charge - Shallow Surface Standard Cement					225	12 25	2756 25
279					Bentonite Gel		2	9/6		4	25	100 25
278					Calcium Chloride		3	9/6		10	40	400 40
290					D-Air					2	42	84 42
581					Service Charge Cement					225	50	337 50
583					Drayage		771.78	7/4		2200	0 75	578 75

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

DATE SIGNED: 4-28-16
TIME SIGNED: 1700 P.M.

SWIFT OPERATOR: David Kuehn

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

SURVEY	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?	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	TOTAL
					1506	5707 08

Thank You!

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

JOBLOG

SWIFT Services, Inc.

DATE 4-28-16 PAGE NO. 1

CUSTOMER American Warrior WELL NO. #4-28 LEASE Remmert JOB TYPE Surface Pipe TICKET NO.

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1600							on location 8 5/8" 28"
								RTD - 352' TP. 351.72
	1910							Start 8 5/8" 28" casing in well
								Break Circulation
	1955	4 1/2	5		✓		200	Pump 5 bbl water spacer
	1957	4 1/2	54		✓		200	mix 225 sks STD 2% Gel 3% CC e 14.7
	2020	4 1/2	20.6		✓		300	Displace Cement
	2025							Shut in 300'
								Circulate 25 sks to surface
								wash up truck
	2100							Job Complete

Thank You
Dare, Tony John



Services, Inc.

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

PAGE 1 OF 2

1. SERVICE LOCATIONS: Hays Ks
 # 1-4
 2. Well Project No. Lemmerst
 3. Ticket Type: SERVICE
 Contractor: D: Seewey Drilling
 Well Category: Development
 Job Purpose: Long String
 Well Permit No. location
 4. Referral Location: OIL
 Invoice Instructions: Development Long String

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE TRIC # 113	70	Mi			5.00	350.00
578					Ramp Charge - long string	1	EA			1250.00	1250.00
290					D-are	3	Gal			42.00	126.00
281					Mud Flush	500	Gal			1.25	625.00
281					Legend Kel	2	Gal			25.00	50.00
402					Centralizer	6	EA	5 1/2		60.00	360.00
403					Cement Base	1	EA			250.00	250.00
406					latch down plug & base	1	EA			225.00	225.00
402					Insert float shoe w/ Auto Fill	1	EA			300.00	300.00
419					Rotating Head Rental	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

DATE SIGNED: *X Dobbins* TIME SIGNED: A.M. P.M.

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

SURVEY: 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? CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL P. 1
 4401.65
 8137.65
 TOTAL 8579.00

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

SWIFT OPERATOR: *Dave Edgerton*

APPROVAL: *Thank You!*



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

TICKET CONTINUATION

TICKET No. 28843

CUSTOMER American Blenders

WEIGHT Renewed # 1-4

DATE 5-5-16

PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WEIGHT				UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M		
325		2				Standard Cmt	175	S/S			12.25	2143.75
284		2				Calseed	8	S/S			30.00	240.00
283		2				Suet	917	Lbs			120	18940
292		2				Halad 322	123	Lbs			8.00	984.00
276		2				Floacle	44	Lbs			2.25	99.00
581		2									1.50	262.50
583		2									.75	483.00
SERVICE CHARGE Cement MILEAGE CHARGE 18382 TOTAL WEIGHT 18382 LOADED MILES 40 CUBIC FEET 175 S/S TON MILES 644						CONTINUATION TOTAL		4401.65				

JOB LOG

SWIFT Services, Inc.

DATE 5-5-16 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 1-4 LEASE Remmert JOB TYPE Long String TICKET NO. 28843

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	930							On location w/ Float Equip.
								RTD - 3400
								LTD - 3400
								Set pipe @ 3400
								Shoe Joint - 42'
								Baffle - 3358'
								Centralizers - 1, 3, 5, 7, 9, 11
								Bitsect - 6
	1020							START Running Csg
	1200							START Circulating on Bottom
	1230	2	7			0		plug Rat Hole - 30 SKS
	1235	2	4			0		plug Mouse Hole - 15 SKS
	1240	5	12			380		pump mud flush - 500 GAL
		5	20			300		pump Kel Spacer
	1245	5	0			300		START CMT
	1250	5	31			0		End Cmt
								Drop plug / Wash p 7 L
	1255	9	0			0		START DISP
		9	55			600		Catch CMT
	110	5	80			800		land plug left psi - 800
								land psi - 1500
								Release psi. - Dry
								Thanks
								David, Jon H. & Shane



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 3118 Cummings Rd
 PO Box 399
 Garden City Ks 67846
 ATTN: Cecil O'Brate, Luke T

4-18s-9w Rice

Remmert 1-4

Job Ticket: 65459

DST#: 2

Test Start: 2016.05.04 @ 17:31:01

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:15:26
 Time Test Ended: 00:23:13
 Interval: **3272.00 ft (KB) To 3279.00 ft (KB) (TVD)**
 Total Depth: 3279.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 77
 Reference Elevations: 1734.00 ft (KB)
 1726.00 ft (CF)
 KB to GR/CF: 8.00 ft

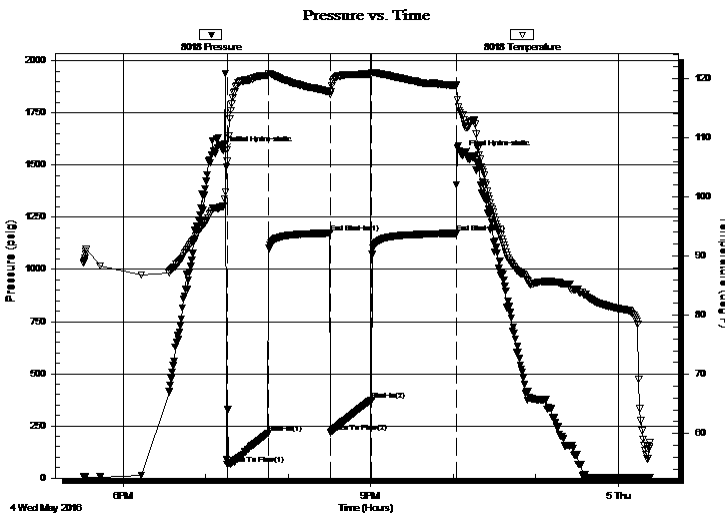
Serial #: 8018

Inside

Press @ Run Depth: 374.43 psig @ 3273.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.05.04 End Date: 2016.05.05 Last Calib.: 2016.05.05
 Start Time: 17:31:01 End Time: 00:23:14 Time On Btm: 2016.05.04 @ 19:12:56
 Time Off Btm: 2016.05.04 @ 22:06:25

TEST COMMENT: 30-IFP-w k to strg in 5min
 45-ISIP-no bl
 30-FFP-w k to strg in 7 min
 60-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1568.79	98.41	Initial Hydro-static
3	65.51	106.03	Open To Flow (1)
33	213.61	120.49	Shut-In(1)
78	1174.04	117.80	End Shut-In(1)
78	218.05	117.30	Open To Flow (2)
108	374.43	120.72	Shut-In(2)
170	1172.99	118.80	End Shut-In(2)
174	1550.30	113.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	70'GIP	0.00
495.00	Water	6.67
62.00	M&OCW 20%O10%M70%W	0.87
186.00	GM&WCO 10%G55%O25%W10%M	2.61
50.00	CO	0.70

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

4-18s-9w Rice

3118 Cummings Rd
PO Box 399
Garden City Ks 67846
ATTN: Cecil O'Brate, Luke T

Remmert 1-4

Job Ticket: 65459

DST#: 2

Test Start: 2016.05.04 @ 17:31:01

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 60.00 sec/qt
Water Loss: 10.75 in³
Resistivity: ohm.m
Salinity: 12300.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 41 deg API
Water Salinity: 25000 ppm

Recovery Information

Recovery Table

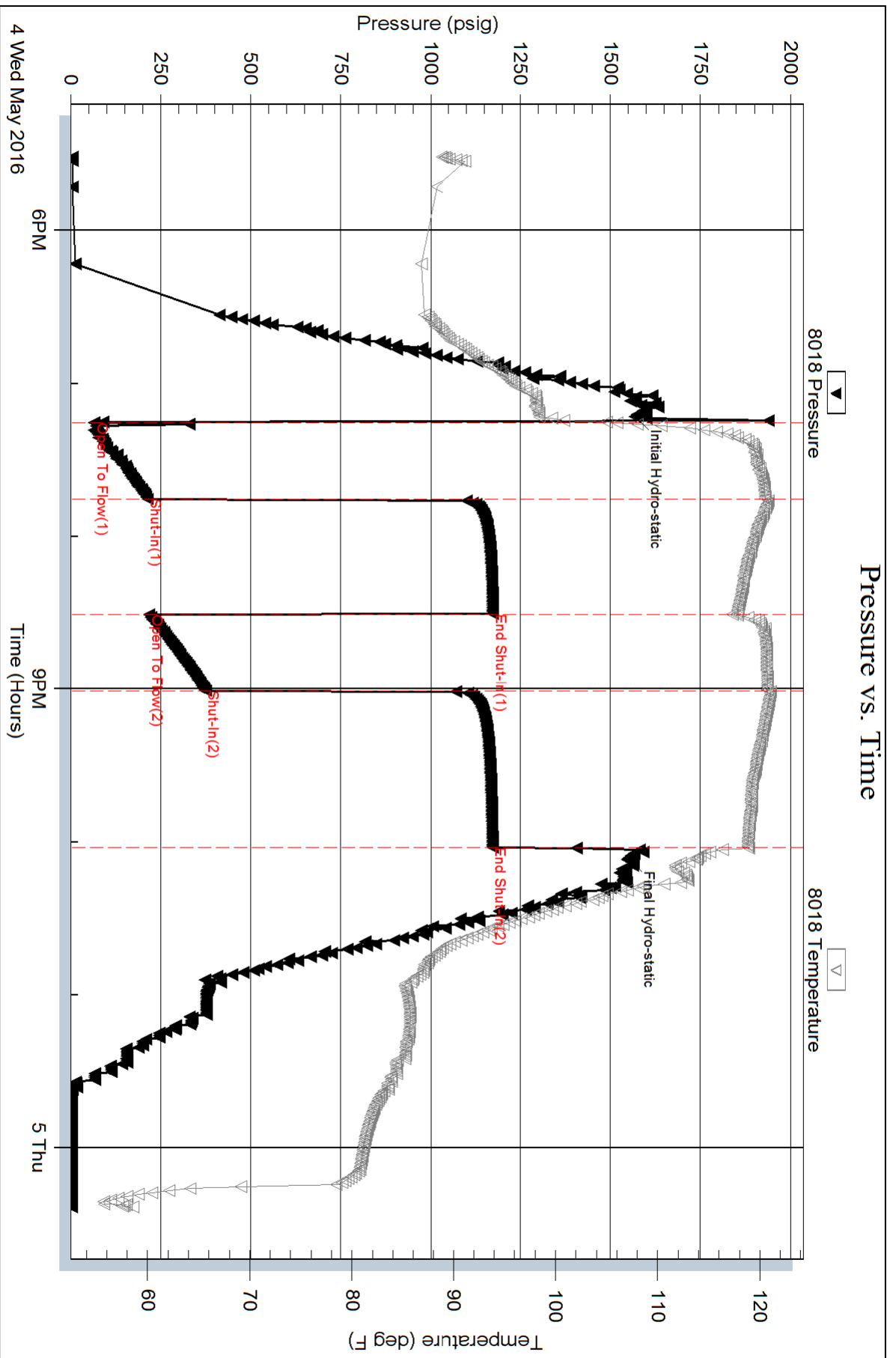
Length ft	Description	Volume bbl
0.00	70'GIP	0.000
495.00	Water	6.670
62.00	M&OCW 20%O10%M70%W	0.870
186.00	GM&WCO 10%G55%O25%W10%M	2.609
50.00	CO	0.701

Total Length: 793.00 ft Total Volume: 10.850 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW .27@66F

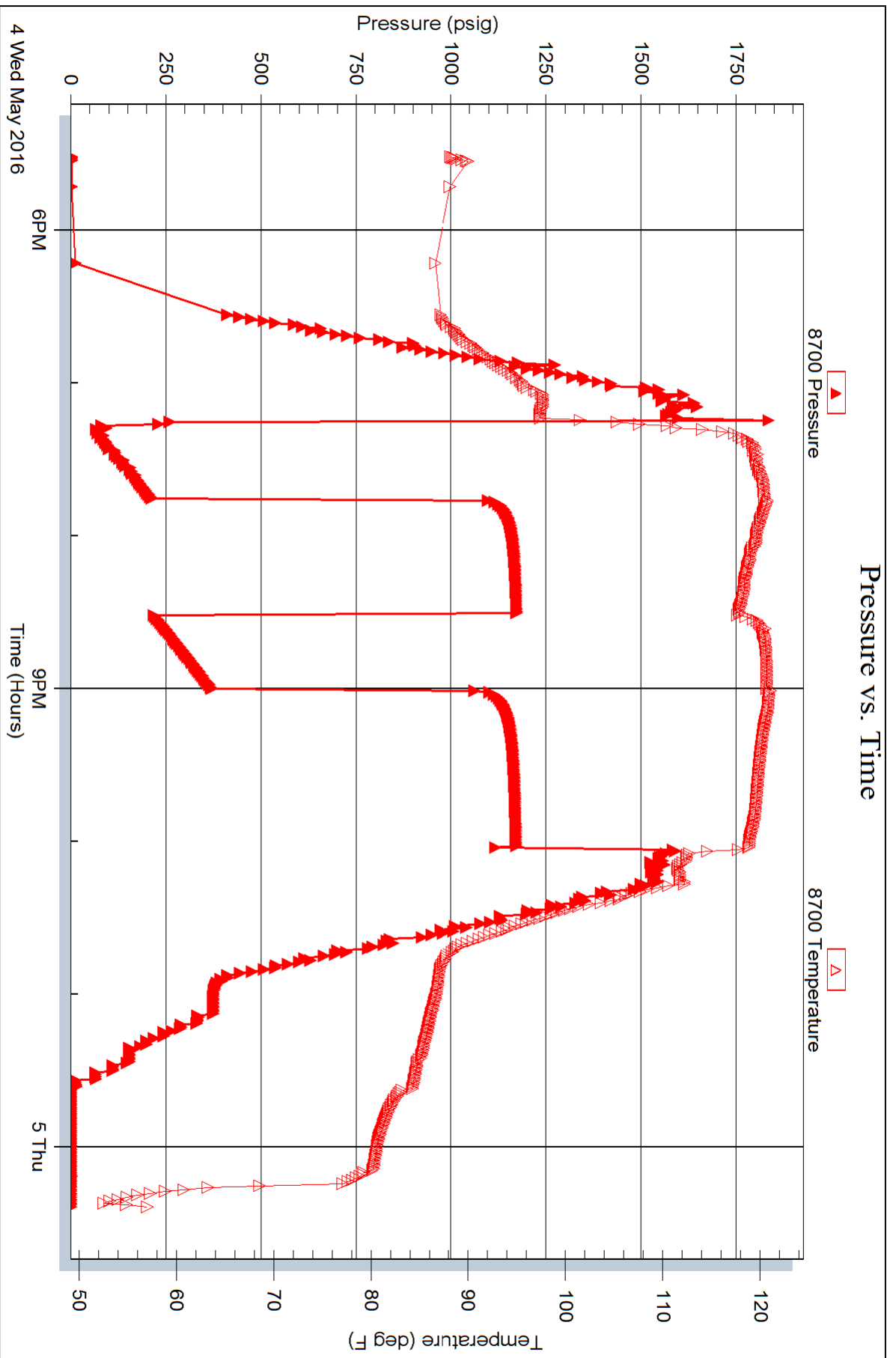


Serial #: 8700

Outside American Warrior Inc

Remmert 1-4

DST Test Number: 2



Geological Report

American Warrior, Inc.

Remmert #1-4

938' FSL & 2306' FEL

Sec 4, T18s, R9w

Rice County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Remmert #1-4
938' FSL & 2306' FEL
Sec 4, T18s, R9w
Rice County, Kansas
API # 15-159-22833-00-00

Drilling Contractor: Discovery Drilling Rig #3

Geologist: Luke Thompson

Spud Date: April 28, 2016

Completion Date: May 6, 2016

Elevation 1726' G.L.
1734' K.B.

Directions: North of Bushton, KS at the intersection of Hwy 4 & Hwy 171 – Now go 3.7 miles East on Hwy 4 – Now go 0.5 mile South on 9th Rd. to the SW corner of section 4-18s-9w – Now go 0.6 mile East on Ave. B to ingress stake North into – Now go 938' North through planted wheat, into staked location.

Casing: 352' 8 5/8" #24 Surface Casing
3400' 5 1/2" #15.5 Production Casing

Samples: 2450' to RTD 10' Wet & Dry

Drilling Time: 2400' to RTD

Electric Logs: Pioneer Energy Services "T. Martin"
Full Sweep

Drillstem Tests: Two-Trilobite Testing "Ray Schwager"

Problems: none encountered

Formation Tops

Remmert #1-4

938' FSL & 2306' FEL

Sec 4, T18s, R9w

Anhydrite	414' +1320
Base	430' +1304
Topeka	2476' -742
Plattsmouth	2660' -926
Heebner	2746' -1012
Toronto	2766' -1032
Douglas	2778' -1044
Brown Lime	2866' -1132
Lansing	2886' -1152
Stark	3109' -1375
BKC	3172' -1438
Conglomerate	3228' -1494
Arbuckle	3262' -1528
RTD	3400' -1666
LTD	3400' -1666

Sample Zone Descriptions

Conglomerate (3250', -1516): Covered in DST #1

Sandstone, white, fine grained, poor sort, sub round, clear, fair-poor inter-crystalline porosity, good odor, good gold fluorescence, fair cut.

Arbuckle (3277', -1543): Covered in DST #2

Dolomite, tan, sucrosic, strong odor, fair inter-crystalline and vuggy porosity, scattered green fluorescence, fair stream cut.

Drill Stem Tests

Trilobite Testing
 “Ray Schwager”

DST #1 Conglomerate

Interval (3167' – 3261') Anchor Length 94'

IHP - 1524 #

IFP - 45" – 3" blow

ISI - 45" – No Return

FFP - 45" – 1/2" Blow

FSIP - 45" – No Return

FHP - 1499 #

BHT - 106° F

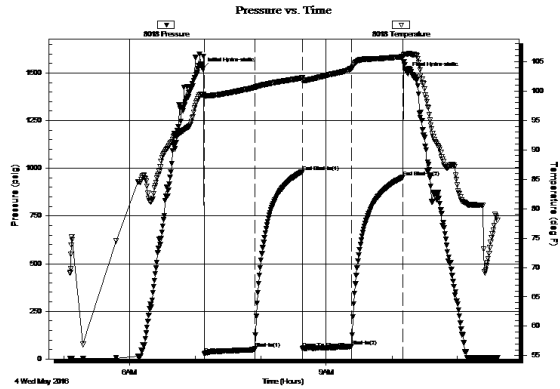
Recovery: 95' WM

27-53 #

982 #

56-66 #

954 #



DST #2 Arbuckle

Interval (3272' – 3279') Anchor Length 7'

IHP - 1569 #

IFP - 30" – BOB 5 min

ISI - 45" – No Return

FFP - 30" – BOB 7 min

FSIP - 60" – No Return

FHP - 1550 #

BHT - 114° F

Recovery: 70' GIP

50' CO

186' GMWCO

62' MOCW

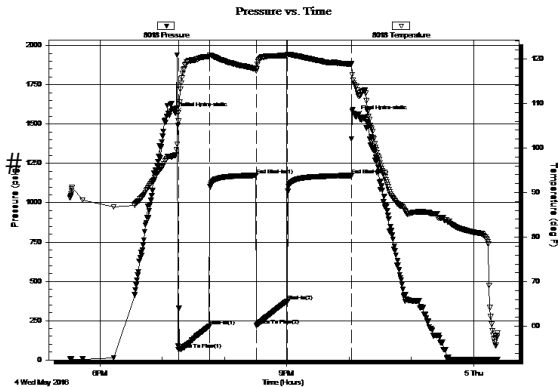
495' W

66-214#

1174 #

218-374 #

1173 #



Structural Comparison

	American Warrior, Inc. Remmert #1-4 Sec. 4, T18s, R9w 938' FSL & 2306' FEL		Icer Addis Estate Mollhagen #2 Sec. 4, T18s, R9w 2310' FSL & 4290' FEL		Allen Drilling Co. Janssen #1-9 Sec. 9, T18s, R9w 4950' FSL & 1600' FEL
<u>Formation</u>					
Topeka	2476' -742	-14	2480' -728	+19	2490' -761
Heebner	2746' -1012	-14	2750' -998	+24	2765' -1036
Toronto	2766' -1032	-14	2770' -1018	+22	2783' -1054
Douglas	2778' -1044	-12	2784' -1032	+26	2799' -1070
Brown Lm	2866' -1132	-14	2870' -1118	+27	2888' -1159
Lansing	2886' -1152	-14	2890' -1138	+27	2908' -1179
Stark	3109' -1375	-15	3112' -1360	+26	3130' -1401
BKC	3172' -1438	-13	3177' -1425	+26	3195' -1466
Conglom	3228' -1494	-16	3230' -1478	+22	3245' -1516
Arbuckle	3262' -1528	-30	3250' -1498	+34	3293' -1564

Summary

The location for the Remmert #1-4 well was found via 3-D seismic survey. The new well ran structurally as expected. Two drill stem tests were conducted, one 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 Remmert #1-4 well.

Perforations

Primary: Arbuckle 3268' – 3273'

Respectfully Submitted,

Lukas Thompson
 American Warrior, Inc.



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
PO Box 399
Garden City Ks 67846
ATTN: Cecil O'Brate, Luke T

4-18s-9w Rice

Remmert 1-4

Job Ticket: 65458

DST#: 1

Test Start: 2016.05.04 @ 05:05:47

GENERAL INFORMATION:

Formation: **Conglo Sd**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:08:42
 Time Test Ended: 11:36:56
 Interval: **3167.00 ft (KB) To 3261.00 ft (KB) (TVD)**
 Total Depth: 3261.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ray Schwager
 Unit No: 77
 Reference Elevations: 1734.00 ft (KB)
 1726.00 ft (CF)
 KB to GR/CF: 8.00 ft

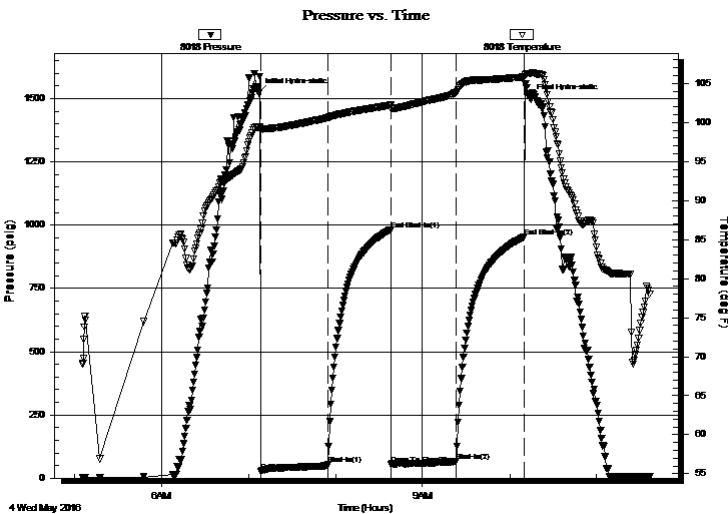
Serial #: 8018

Inside

Press@RunDepth: 65.64 psig @ 3169.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.05.04 End Date: 2016.05.04 Last Calib.: 2016.05.04
 Start Time: 05:05:47 End Time: 11:36:56 Time On Btm: 2016.05.04 @ 07:06:57
 Time Off Btm: 2016.05.04 @ 10:14:11

TEST COMMENT: 45-IFP-w k bl thru-out 1/4"to 3"bl
 45-ISIP-no bl
 45-FFP-w k bl thru-out surface to 1/2"bl
 45-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1524.13	99.38	Initial Hydro-static
2	27.23	99.06	Open To Flow (1)
48	53.30	100.59	Shut-In(1)
92	982.20	102.21	End Shut-In(1)
92	55.81	101.70	Open To Flow (2)
137	65.64	103.86	Shut-In(2)
184	953.62	105.84	End Shut-In(2)
188	1498.61	106.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
95.00	WM 45%W55%M	1.06

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

4-18s-9w Rice

3118 Cummings Rd
PO Box 399
Garden City Ks 67846
ATTN: Cecil O'Brate, Luke T

Remmert 1-4

Job Ticket: 65458

DST#: 1

Test Start: 2016.05.04 @ 05:05:47

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 11.17 in³

Resistivity: ohm.m

Salinity: 11700.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: 24000 ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
95.00	WM 45%W55%M	1.059

Total Length: 95.00 ft Total Volume: 1.059 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .4 @ 50F

