



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1190413
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: _____

1190413

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: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Congdon 11-28
Doc ID	1190413

Tops

Name	Top	Datum
Anhy	1879'	+974
B/Anhy	1961'	+892
Heebner	3844'	-991
Lansing	3889'	-1036
B/KC	4407'	-1554
Marmaton	4433'	-1580
Pawnee	4489'	-1636
Ft Scott	4518'	-1666
Morrow	4694'	-1841
St.Louis	4723	-1870

ALLIED OIL & GAS SERVICES, LLC 053058

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Liberal

DATE <u>1-15-14</u>	SEC. <u>28</u>	TWP. <u>23</u>	RANGE <u>3W</u>	CALLED OUT	ON LOCATION	JOB START <u>4:00pm</u>	JOB FINISH <u>5:45pm</u>
LEASE <u>Compton</u>		WELL# <u>11-88</u>	LOCATION <u>4 mile North of Garden City KS</u>		COUNTY <u>Finney</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Duke #1 OWNER _____

TYPE OF JOB Surface

HOLE SIZE 12 1/2 T.D. _____

CASING SIZE 8 5/8 DEPTH 1113.33"

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 42.22'

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 68.22 bbl

EQUIPMENT

PUMP TRUCK CEMENTER Aldo Espinoza

531-541 HELPER Cesar Pavia

BULK TRUCK

705-864A DRIVER Ruben Perez

BULK TRUCK

868-842 DRIVER Denzelrick

CEMENT	AMOUNT ORDERED <u>4000K Class A 65/35 629 gal</u>	
	<u>3Kcc 1/4 Flo-seal 2000K Class A 32cc</u>	
	<u>1/4 Flo-seal</u>	
COMMON	<u>2000K Class A @ 17.90</u>	<u>3,580.00</u>
POZMIX	@	
GEL	@	
CHLORIDE	<u>200K @ 64.00</u>	<u>1,280.00</u>
ASC	@	
	<u>Plus Flo-seal 150 lb @ 2.97</u>	<u>445.50</u>
	<u>ALCIA Class A 4000K @ 16.50</u>	<u>6,600.00</u>
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>673.30 cur @ 2.48</u>	<u>1,669.78</u>
MILEAGE	<u>1436 Ten mile @ 2.60</u>	<u>3,733.60</u>
TOTAL		<u>17,328.88</u>

REMARKS:

CHARGE TO: American Warrior

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>1,113.33"</u>	
PUMP TRUCK CHARGE		<u>2,213.75</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>Light 50m @ 4.40</u>	<u>220.00</u>
MANIFOLD	<u>and Hook 1 @ 275.00</u>	<u>275.00</u>
	<u>Heavy Vehicle 50m @ 7.70</u>	<u>385.00</u>
	@	
TOTAL		<u>3,093.75</u>

PLUG & FLOAT EQUIPMENT

Guide Shoe	<u>1 @ 460.98</u>	<u>460.98</u>
AFU Float Valve	<u>1 @ 446.94</u>	<u>446.94</u>
Centralizer	<u>3 @ 74.88</u>	<u>224.64</u>
Top Rubber Plug	<u>1 @ 131.04</u>	<u>131.04</u>
	@	
TOTAL		<u>1,263.60</u>

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____

TOTAL CHARGES 21,666.23

DISCOUNT _____ IF PAID IN 30 DAYS

NET = 17,332.98

PRINTED NAME Mike Godfrey

SIGNATURE



CHARGE TO: *American Warrior*

ADDRESS:

CITY, STATE, ZIP CODE:

TICKET 26018

PAGE 1 OF 2

1. SERVICE LOCATIONS: *Ness City KS* WELL/PROJECT NO: *11-28* LEASE: *Congdon* COUNTY/PARISH: *Finney* STATE: *KS* CITY: *GARDON City* DATE: *24 Jan 14* OWNER:

2. TICKET TYPE: SERVICE SALES CONTRACTOR: *Duke* RIG NAME/NO.: *1* SHIPPED VIA: *CT* DELIVERED TO: *location* ORDER NO.:

3. WELL TYPE: *oil* WELL CATEGORY: *Development* JOB PURPOSE: *cement long string* WELL PERMIT NO.: WELL LOCATION: *28-23-32*

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	90		mi		6.00	540.00
579		1			Pump Charge	1		ea		2000.00	2000.00
402		1			Centralizer	5 1/2	9	in	ea	70.00	630.00
403		1			Cement Basket	5 1/2	2	in	ea	300.00	600.00
406		1			Latch down plug & baffle	5 1/2	1	in	ea	275.00	275.00
407					Insert float shoe w/ AUTO FILL	5 1/2	1	in	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.

1540

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	4420.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	6056.13
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Subtotal	10476.13
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Finney TAX 7.3%	493.59
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	10,969.72
<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: *Bennell* APPROVAL:

Thank You!



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

TICKET CONTINUATION

TICKET No. 26018

CUSTOMER American Warrior WELL Congdon 11-28 DATE 24 Jan 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)	125	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				brlud-322	125	lb			8.00	1000.00
276		1				Flocele	50	lb			2.50	125.00
290		1				D-AIR	2	gal			42.00	84.00
281		1				mud flush	500	gal			1.25	625.00
221						KCh liquid	2	gal			25.00	50.00
581		1				SERVICE CHARGE					2.00	350.00
583		1				MILEAGE CHARGE					1.00	824.63

CONTINUATION TOTAL 6056.13

JOB LOG

SWIFT Services, Inc.

DATE 24 Jan 14 PAGE NO.

CUSTOMER American Warrior WELL NO. 11-28 LEASE Congdon JOB TYPE Cement long string TICKET NO. 26018

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" Floale 5 1/2" x 17" casing TD = 4850' Centralizer 1, 2, 3, 4, 6, 8, 10, 12, 14
	0830							on loc TRK 114
	1030							start 5 1/2" x 17" casing in well
	1320							Drop ball - circulate
	1405	4	12			200		Pump 12 bbl mud flush
		4	20			200		Pump 20 bbl KCL flush
	1415		7					Plug RH-MH 30 sks - 20 sks
	1420	3 1/2	35			200		mix EA-2 cement 25 sk @ 15.3 ppg
								Drop latch down plug wash out pump & line
	1440	6 1/2				200		Displace plug
		6 1/2	105			750		
	1500	6 1/2	112			1450		hand plug
								Release pressure to plug - dinged up
	1505							wash truck
								Rack up
	1540							job complete
								Thank Blaine Flint, JERRY STARR



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

3118 Cummings Rd.
Garden City KS 67846

ATTN: Kevin Timson

Congdon #11-28

28-23s-32w Finney,KS

Start Date: 2014.01.21 @ 18:04:00

End Date: 2014.01.21 @ 20:28:15

Job Ticket #: 55689 DST #: 1

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

Printed: 2014.01.23 @ 15:41:20



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

28-23s-32w Finney,KS

3118 Cummings Rd.
Garden City KS 67846

Congdon #11-28

Job Ticket: 55689

DST#: 1

ATTN: Kevin Timson

Test Start: 2014.01.21 @ 18:04:00

Tool Information

Drill Pipe:	Length: 4693.00 ft	Diameter: 3.80 inches	Volume: 65.83 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: lb
			<u>Total Volume: 65.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial lb
Depth to Top Packer:	4690.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	57.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Change Over Sub	1.00			4664.00	
Shut In Tool	5.00			4669.00	
Hydraulic tool	5.00			4674.00	
Jars	5.00			4679.00	
Safety Joint	2.00			4681.00	
Packer	5.00			4686.00	27.00 Bottom Of Top Packer
Packer	4.00			4690.00	
Stubb	1.00			4691.00	
Recorder	0.00	8678	Inside	4691.00	
Recorder	0.00	8522	Outside	4691.00	
Perforations	26.00			4717.00	
Bullnose	3.00			4720.00	30.00 Bottom Packers & Anchor

Total Tool Length: 57.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

28-23s-32w Finney,KS

3118 Cummings Rd.
Garden City KS 67846

Congdon #11-28

Job Ticket: 55689

DST#: 1

ATTN: Kevin Timson

Test Start: 2014.01.21 @ 18:04:00

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: 80.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	Tool never got to bottom.	0.000

Total Length:

ft

Total Volume:

bbl

Num Fluid Samples: 0

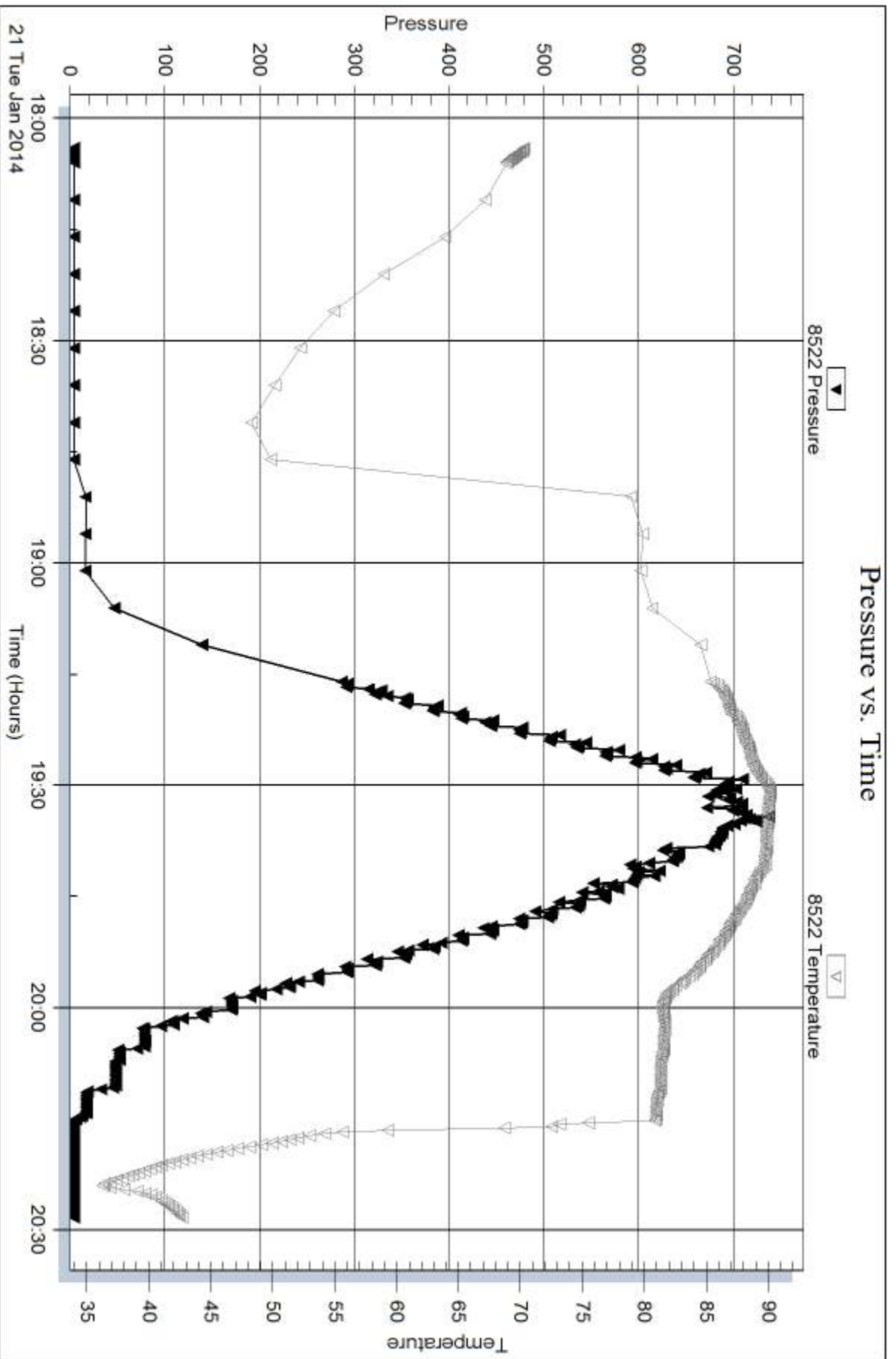
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

3118 Cummings Rd.
Garden City KS 67846

ATTN: Kevin Timson

Congdon #11-28

28-23s-32w Finney,KS

Start Date: 2014.01.22 @ 04:32:00

End Date: 2014.01.22 @ 13:27:15

Job Ticket #: 55690 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.01.23 @ 15:42:33



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.

28-23s-32w Finney,KS

3118 Cummings Rd.
Garden City KS 67846

Congdon #11-28

ATTN: Kevin Timson

Job Ticket: 55690

DST#: 2

Test Start: 2014.01.22 @ 04:32:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:28:30

Time Test Ended: 13:27:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 4690.00 ft (KB) To 4720.00 ft (KB) (TVD)

Reference Elevations: 2853.00 ft (KB)

Total Depth: 4720.00 ft (KB) (TVD)

2841.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8522 Outside

Press@RunDepth: 235.13 psig @ 4691.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.22

End Date:

2014.01.22

Last Calib.:

2014.01.22

Start Time: 04:32:05

End Time:

13:27:15

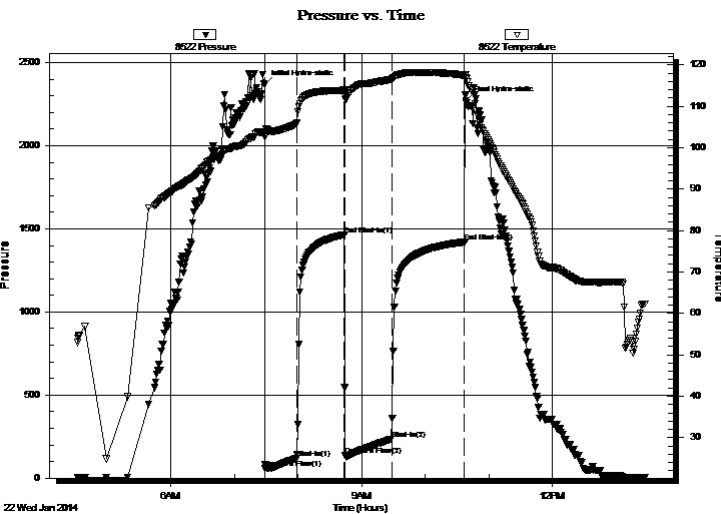
Time On Btm:

2014.01.22 @ 07:28:15

Time Off Btm:

2014.01.22 @ 10:38:30

TEST COMMENT: IF: BOB @ 2 1/2 min.
IS: BOB @ 25 min.
FF: BOB immediately. Gas to Surface @ 5 min.
FS: BOB @ 10 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2368.09	103.72	Initial Hydro-static
1	56.08	102.50	Open To Flow (1)
31	120.50	105.88	Shut-In(1)
76	1464.77	113.87	End Shut-In(1)
76	137.84	112.33	Open To Flow (2)
120	235.13	116.45	Shut-In(2)
189	1420.84	117.45	End Shut-In(2)
191	2271.64	116.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	gocm 20g 30o 50m	0.84
60.00	gmco 25g 30m 45o	0.84
600.00	go 40g 60o	8.42
0.00	Gas to Surface	0.00

* 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.

28-23s-32w Finney,KS

3118 Cummings Rd.
Garden City KS 67846

Congdon #11-28

Job Ticket: 55690

DST#: 2

ATTN: Kevin Timson

Test Start: 2014.01.22 @ 04:32:00

Tool Information

Drill Pipe:	Length: 4693.00 ft	Diameter: 3.80 inches	Volume: 65.83 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 65.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4690.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	57.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4664.00	
Shut In Tool	5.00			4669.00	
Hydraulic tool	5.00			4674.00	
Jars	5.00			4679.00	
Safety Joint	2.00			4681.00	
Packer	5.00			4686.00	27.00 Bottom Of Top Packer
Packer	4.00			4690.00	
Stubb	1.00			4691.00	
Recorder	0.00	8678	Inside	4691.00	
Recorder	0.00	8522	Outside	4691.00	
Perforations	26.00			4717.00	
Bullnose	3.00			4720.00	30.00 Bottom Packers & Anchor

Total Tool Length: 57.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

28-23s-32w Finney,KS

3118 Cummings Rd.
Garden City KS 67846

Congdon #11-28

Job Ticket: 55690

DST#: 2

ATTN: Kevin Timson

Test Start: 2014.01.22 @ 04:32:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 80.00 sec/qt
Water Loss: 6.39 in³
Resistivity: 0.00 ohm.m
Salinity: 3000.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 27 deg API
Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	gocm 20g 30o 50m	0.842
60.00	gmco 25g 30m 45o	0.842
600.00	go 40g 60o	8.416
0.00	Gas to Surface	0.000

Total Length: 720.00 ft Total Volume: 10.100 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

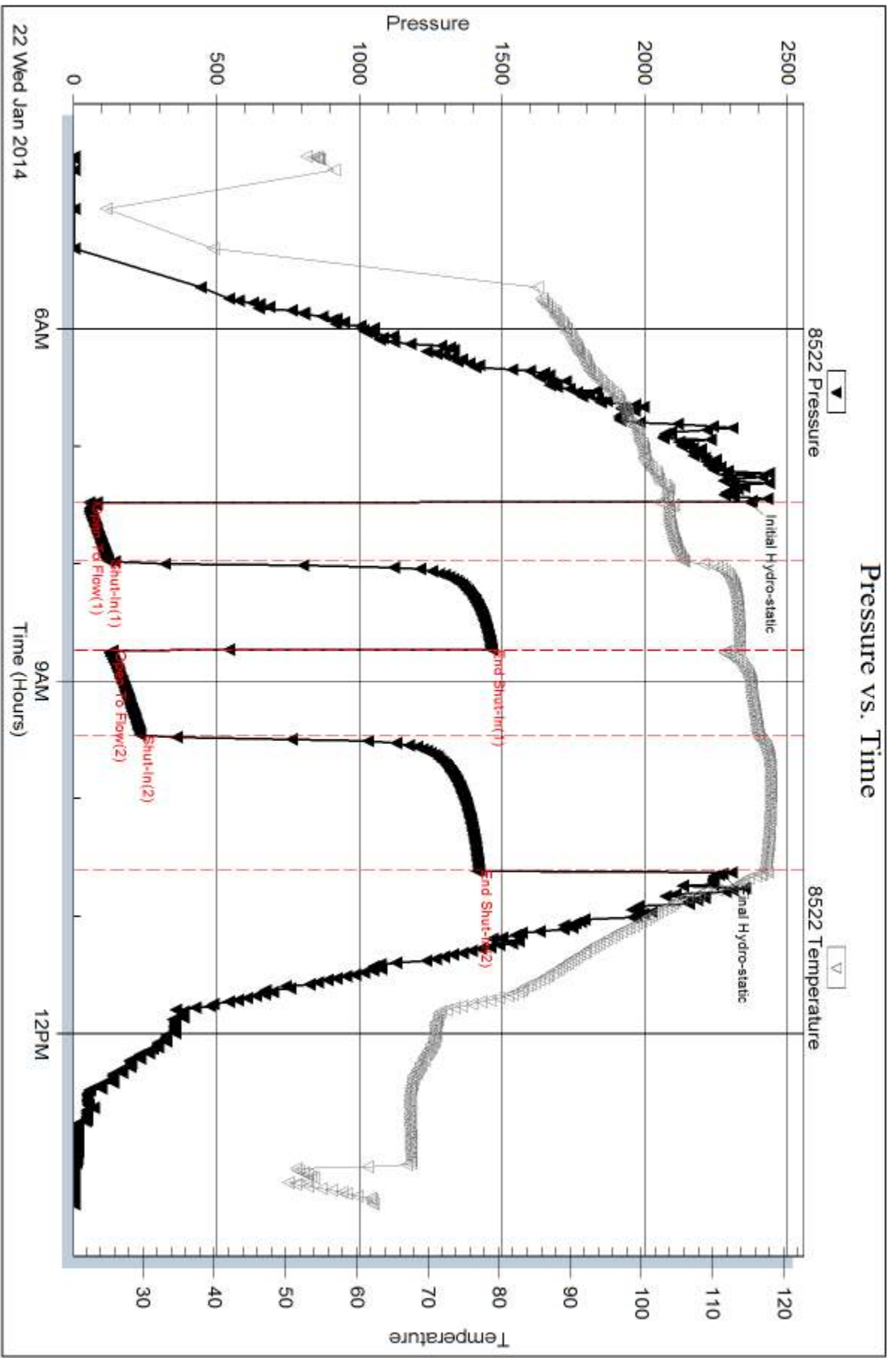
Recovery Comments:

Serial #: 8522

Outside American Warrior, Inc.

Congdon #11-28

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 55690

Printed: 2014.01.23 @ 15:42:35

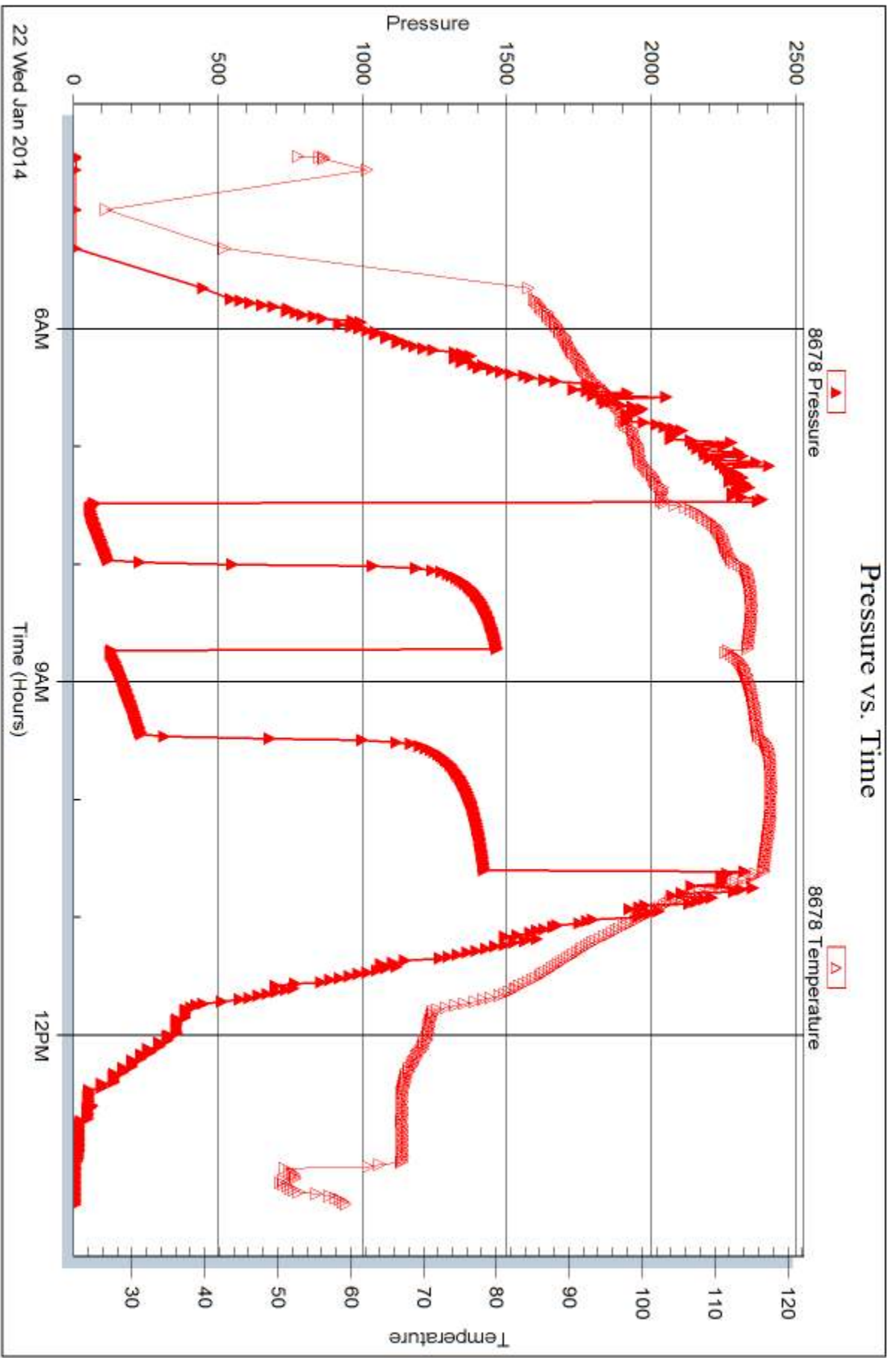
Serial #: 8678

Inside

American Warrior, Inc.

Congdon #11-28

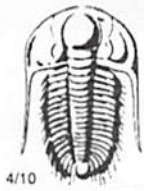
DST Test Number: 2



Triobite Testing, Inc

Ref. No: 55690

Printed: 2014.01.23 @ 15:42:35



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **55689**

Well Name & No. Congdon 11-28 Test No. 1 Date 1/21/14
 Company American Warrior, Inc Elevation 2853 KB 2841 GL
 Address 3118 Comnags Rd Garden City Ks 67846
 Co. Rep / Geo. Kevn Timson Rig Duke #1
 Location: Sec. 28 Twp. 23 S Rge. 32 W Co. Finney State Ks

Interval Tested 4690 - 4720 Zone Tested Morrow
 Anchor Length 30 Drill Pipe Run 4693 Mud Wt. 9.4
 Top Packer Depth 4685 Drill Collars Run 0 Vis 80
 Bottom Packer Depth 4690 Wt. Pipe Run 0 WL 6.4
 Total Depth 4720 Chlorides 3000 ppm System LCM 3#

Blow Description Tool hit bridge and was not able to reach bottom

Rec	Feet of	%gas	%oil	%water	%mud
<u>0</u>					

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

(A) Initial Hydrostatic _____ Test 1050 T-On Location 1700
 (B) First Initial Flow _____ Jars 250 T-Started 1404
 (C) First Final Flow _____ Safety Joint 75 T-Open NA
 (D) Initial Shut-In NA Circ Sub N/C T-Pulled NA
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out 2028
 (F) Second Final Flow _____ Mileage 72 RT 111.60 Comments reconditioned Hole
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic _____ Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open _____ Extra Recorder _____ Sub Total 0
 Initial Shut-In NA Day Standby _____ Total 1486.60
 Final Flow _____ Accessibility _____ MP/DST Disc't _____
 Final Shut-In _____ Sub Total 1486.60

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. **55690**

4/10

Well Name & No. Congdon 11-25 Test No. 2 Date 1/22/14
 Company American Warrior, Inc Elevation 2853 KB 2841 GL
 Address 3118 Cummings Rd Garden City, KS 67846
 Co. Rep / Geo. Kevin Tomson Rig Duke #1
 Location: Sec. 25 Twp. 23S Rge. 32W Co. Finnay State KS

Interval Tested 4690 - 4720 Zone Tested Matrow
 Anchor Length 30' Drill Pipe Run 4693 Mud Wt. 9.4
 Top Packer Depth 4655 Drill Collars Run 0 Vis 80
 Bottom Packer Depth 4699 Wt. Pipe Run 0 WL 6.4
 Total Depth 4720 Chlorides 3000 ppm System LCM 3rd

Blow Description IF: BOB @ 2 1/2 min
ISF: BOB @ 26 min
FF: BOB immediately Gas to surface @ 5 min
FSI: BOB @ 10 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>600</u>	<u>60</u>	<u>40</u>	<u>60</u>		
<u>60</u>	<u>6100</u>	<u>25</u>	<u>45</u>		<u>30</u>
<u>60</u>	<u>60CM</u>	<u>20</u>	<u>30</u>		<u>50</u>
	<u>Gas to surface</u>				

Rec Total 720 BHT 118 Gravity 927 API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 2368 Test 1250 T-On Location 0400
 (B) First Initial Flow 56 Jars 250 T-Started 0432
 (C) First Final Flow 121 Safety Joint 75 T-Open 0727
 (D) Initial Shut-In 1465 Circ Sub NA T-Pulled 1027
 (E) Second Initial Flow 138 Hourly Standby _____ T-Out 1327
 (F) Second Final Flow 295 Mileage 72KT 111.60
 (G) Final Shut-In 1421 Sampler _____
 (H) Final Hydrostatic 2272 Straddle _____

Initial Open 30 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 45 Extra Packer _____ Ruined Packer _____
 Final Flow 45 Extra Recorder _____ Extra Copies _____
 Final Shut-In 60 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1686.60
 Sub Total 1686.60 MP/DST Disc't _____

Approved By _____ Our Representative 

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Geological Report

American Warrior, Inc.

Congdon #11-28

652' FSL & 2087' FEL

Sec. 28, T23s, R32w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Congdon #11-28
652' FSL & 2087' FEL
Sec. 28, T23s, R32w
Finney County, Kansas
API # 15-055-22273-00-00

Drilling Contractor: Duke Drilling Co. Rig #1

Geologist: Kevin Timson

Spud Date: January 14, 2014

Completion Date: January 25, 2014

Elevation 2841' G.L.
2853' K.B.

Directions: From Garden City, KS, at the intersection of Mary St. and Jennie Barker St. Go North on Jennie Barker 2 miles to Rodkey Rd. Go West ¼ mile on Rodkey and North into location.

Casing: 1112' 8 5/8" #24 Surface Casing
4845' 5 ½" #17 Production Casing

Samples: 4400' to RTD 10' Wet & Dry

Drilling Time: 3800' to RTD

Electric Logs: Pioneer Energy Services "Y. Ruiz"
Full Sweep

Drillstem Tests: One-Trilobite Testing "Bradley Walter"

Problems: Hit bridge with test tool and logging tool.

Formation Tops

Congdon #11-28

Sec. 28, T23s, R32w

652' FSL & 2087' FEL

Anhydrite	1879' +974
Base	1961' +892
Heebner	3844' -991
Lansing	3889' -1036
Stark	4253' -1400
Bkc	4407' -1554
Marmaton	4433' -1580
Pawnee	4489' -1636
Fort Scott	4519' -1666
Cherokee	4531' -1678
Morrow	4694' -1841
St. Louis	4723' -1870
RTD	4850' -1997
LTD	4851' -1998

Sample Zone Descriptions

Morrow (4694', -1841): **Covered in DST #1**

Ss. Grey glauconitic. Med to coarse grain. Moderate to well rounded. Dirty. Good stain. Good saturation. Fair show of free oil. Strong odor. 90 Unit gas kick.

St. Louis (4723', -1870): **Not Tested**

Ls. Off-White, Tan. Sub-Med crystalline. Fair oolycastic and oomodlic porosity. Fair stain and fair saturation in porosity. Show of free oil when broken. Fair odor. 50 Unit gas kick.

Drill Stem Tests
 Trilobite Testing
 “Bradley Walter”

DST #1

Morrow

Interval (4690’ - 4720’) Anchor Length 30’

IHP -2368 #
 IFP - 30” – BOB in 2 ½ min 56-121 #
 ISI - 45” – BOB in 26 min 1465 #
 FFP - 45” – BOB immediately: GTS in 5 min 138-235 #
 FSIP - 60” – BOB in 10 min 1421 #
 FHP - 2272 #
 BHT - 118° F

Recovery: 600’ GO (60% Oil) Gravity: 27
 60’ GMCO (45% Oil)
 60’ GOCM (30% Oil)

Structural Comparison

	American Warrior, Inc. Congdon #11-28 Sec. 28, T23s, R32w 652’ FSL & 2087’ FEL		American Warrior, Inc. Congdon #10-28 Sec. 28, T23s, R32w 335’ FSL & 1248’ FEL		American Warrior, Inc. Congdon #6-28 Sec 28, T23s, R32w 942’ FSL & 1745’ FEL
Formation					
Heebner	3844’ -991	+10	3859’ -1001	+1	3845’ -992
Lansing	3889’ -1036	+7	3901’ -1043	FL	3889’ -1036
Stark	4253’ -1400	+4	4262’ -1404	-1	4252’ -1399
BKC	4407’ -1554	+1	4413’ -1555	-7	4400’ -1547
Marmaton	4433’ -1580	+2	4440’ -1582	-6	4427’ -1574
Pawnee	4489’ -1636	-1	4493’ -1635	-10	4479’ -1626
Fort Scott	4519’ -1666	+3	4527’ -1669	-6	4513’ -1660
Cherokee	4531’ -1678	+3	4539’ -1681	-5	4526’ -1673
Morrow	4694’ -1841	+8	4707’ -1849	-1	4693’ -1840
St. Louis	4723’ -1870	+60	4788’ -1930	-11	4712’ -1859

Summary

The location for the Congdon #11-28 well was found via 3-D seismic survey. The new well ran structurally as expected. One drill stem test was conducted, which recovered commercial quantities of oil from the Morrow Sandstone formation. After all the gathered data had been examined, the decision was made to run 5 ½" production casing to further evaluate the Congdon #11-28 well.

Perforations

Primary:

St. Louis (4788' - 4794')

Secondary:

Morrow (4697' - 4701')

Before Abandonment

Morrow (4712' - 4718')

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

