



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1200449
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: _____

1200449

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Congdon 8-28
Doc ID	1200449

Tops

Name	Top	Datum
Anhy	1861'	+992
B/Anhy	1947	+906
Heebner	3822'	-969
Lansing	3864'	-1011
B/KC	4358'	-1505
Marmaton	4384'	-1531
Pawnee	4465'	-1612
Morrow	4671'	-1818
Mississippian	4682'	-1829



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

TICKET 26044

PAGE 1 OF 2

SERVICE LOCATIONS 1. New City KS WELL/PROJECT NO. 8-28 LEASE Congdon COUNTY/PARISH Finney STATE KS CITY Garden City DATE 21 MAR 14 OWNER
 2. TICKET TYPE SERVICE SALES CONTRACTOR DURB RIG NAME/NO. 10 SHIPPED VIA CT DELIVERED TO location ORDER NO.
 3. WELL TYPE 051 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
578		1			Pump Charge	1	ea			1500.00	1500.00
402		1			Centralizer	5 1/2	in	9	ea	70.00	630.00
403		1			Cement Basket	5 1/2	in	1	ea	300.00	300.00
406		1			Latch down pipe 1/2 baffle	5 1/2	in	1	ea	275.00	275.00
407		1			Insert float shoe w/ AUTO FILL	5 1/2	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.
0415

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL 1 3620.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2 6056.13
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Subtotal 9676.13
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Finney TAX 7.3% 471.69
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL 10,147.82
<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 _____ APPROVAL _____

Thank You!



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

TICKET CONTINUATION

TICKET No. 26044

CUSTOMER American Warrior WELL Congdon 8-28 DATE 21 MAR 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 89-2)	175	sk			14.50	2537.50		
284		1				calseal	800	lb	8	sk	35.00	2800.00		
283		1				Salt	900	lb			0.20	180.00		
292		1				halad- 322	125	lb			8.00	1000.00		
276		1				Flocele	50	lb			2.50	125.00		
281		1				mud flush	500	gal			1.25	625.00		
221		1				KCL liquid	2	gal			25.00	50.00		
290		1				D-AIR	2	gal			42.00	84.00		
581		1				SERVICE CHARGE	175				2.00	350.00		
683		1				MILEAGE CHARGE	18325	TOTAL WEIGHT	90	LOADED MILES	82463	TON MILES	1.00	824.63

CONTINUATION TOTAL 6056.13

JOB LOG

SWIFT Services, Inc.

DATE 21 MAR 14 PAGE NO.

CUSTOMER American Warrior WELL NO. 8-28 LEASE Congdon JOB TYPE cement long string TICKET NO. 26044

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sk EA-2 cement w/ 7# floccle
								5 1/2" x 15.5" casing TD = 4861'
								115 # joints 4864.31' ^{180'} Bonket # 7
								5' height 20.85' Cont 1, 2, 3, 4, 5, 7, 9, 11, 13
								set @ 48.36'
	2300							on loc TRK 114
	2345							start 5 1/2" x 15.5" casing in well
22 MAR	0212							Drop ball - circulate
	0245	4	12				200	Pump 500 gal mud flush
		4	20				200	Pump 20 bbl KCl flush
	0252		7					Plug RH - MH 30 sk - 20 sk
	0257	4 1/2	35				200	mix EA-2 EA-2 cement 125 sk @ 15.3 ppm
								Drop latch down plug
								wash out Pump & lines
	0317	6 1/2					200	Displace plug
		6 1/2	105				400	
	0330	6 1/2	115				1600	Land plug
								Release pressure to truck - dried up
	0335							wash truck
	0415							Rack up
	0415							job complete

Flint
Blaine, Flint & Russell



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

PO Box 399
Garden City KS 67846

ATTN: Kevin Timson

Congdon #8-28

28-23s-32w Finney,KS

Start Date: 2014.03.19 @ 05:25:00

End Date: 2014.03.19 @ 14:42:15

Job Ticket #: 56453 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.03.21 @ 16:37:28



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Kevin Timson

28-23s-32w Finney, KS

Congdon #8-28

Job Ticket: 56453

DST#: 1

Test Start: 2014.03.19 @ 05:25:00

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:14:45

Time Test Ended: 14:42:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Jace McKinney

Unit No: 75

Interval: 4483.00 ft (KB) To 4578.00 ft (KB) (TVD)

Reference Elevations: 2853.00 ft (KB)

Total Depth: 4578.00 ft (KB) (TVD)

2843.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8675

Inside

Press@RunDepth: 86.10 psig @ 4484.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.19

End Date:

2014.03.19

Last Calib.:

2014.03.19

Start Time: 05:25:15

End Time:

14:42:15

Time On Btm:

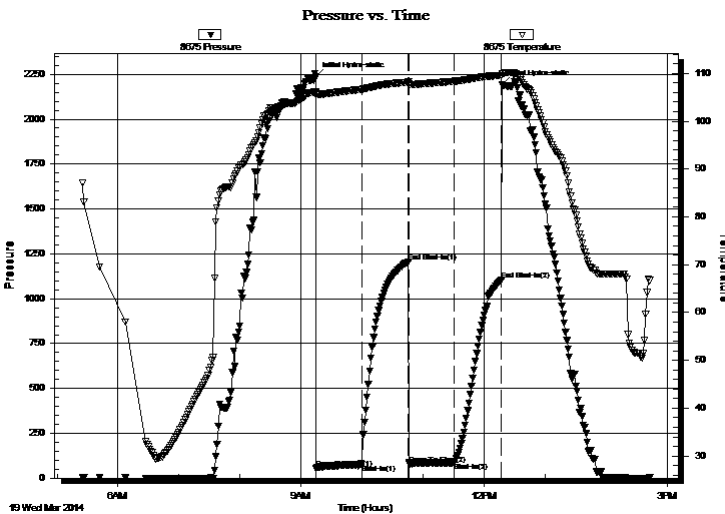
2014.03.19 @ 09:14:15

Time Off Btm:

2014.03.19 @ 12:17:15

TEST COMMENT: Built to 6" blow
 Bled off for 3 min. No return blow
 Built to 5 1/2" blow
 Bled off for 3 min. No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2235.22	106.11	Initial Hydro-static
1	55.70	105.56	Open To Flow (1)
46	78.24	106.66	Shut-In(1)
91	1205.30	108.16	End Shut-In(1)
92	79.70	107.77	Open To Flow (2)
136	86.10	108.35	Shut-In(2)
183	1104.81	109.56	End Shut-In(2)
183	2192.94	109.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
140.00	100%Mud with oil scum	1.16

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc
PO Box 399
Garden City KS 67846
ATTN: Kevin Timson

28-23s-32w Finney,KS
Congdon #8-28
Job Ticket: 56453 **DST#: 1**
Test Start: 2014.03.19 @ 05:25:00

Tool Information

Drill Pipe:	Length: 4398.36 ft	Diameter: 3.80 inches	Volume: 61.70 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 88.36 ft	Diameter: 2.25 inches	Volume: 0.43 bbl	Weight to Pull Loose:	86000.00 lb
			<u>Total Volume:</u> - bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.22 ft			String Weight: Initial	64000.00 lb
Depth to Top Packer:	4483.00 ft			Final	66000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	95.00 ft				
Tool Length:	122.50 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			4456.50	
Shut In Tool	5.00		Inside	4461.50	
hydraulic tool	5.00			4466.50	
Jars	5.00			4471.50	
Safety Joint	2.50			4474.00	
Packer	5.00			4479.00	27.50 Bottom Of Top Packer
Packer	4.00			4483.00	
Stubb	1.00			4484.00	
Recorder	0.00	8675	Inside	4484.00	
recorder	0.00	8650	Outside	4484.00	
Perforations	26.00		Outside	4510.00	
change Over Sub	1.00		Outside	4511.00	
drill Pipe	63.00			4574.00	
Change Over Sub	1.00			4575.00	
Bullnose	3.00			4578.00	95.00 Bottom Packers & Anchor

Total Tool Length: 122.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Kevin Timson

28-23s-32w Finney,KS
Congdon #8-28
 Job Ticket: 56453 **DST#: 1**
 Test Start: 2014.03.19 @ 05:25:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
140.00	100%Mud w ith oil scum	1.159

Total Length: 140.00 ft Total Volume: 1.159 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

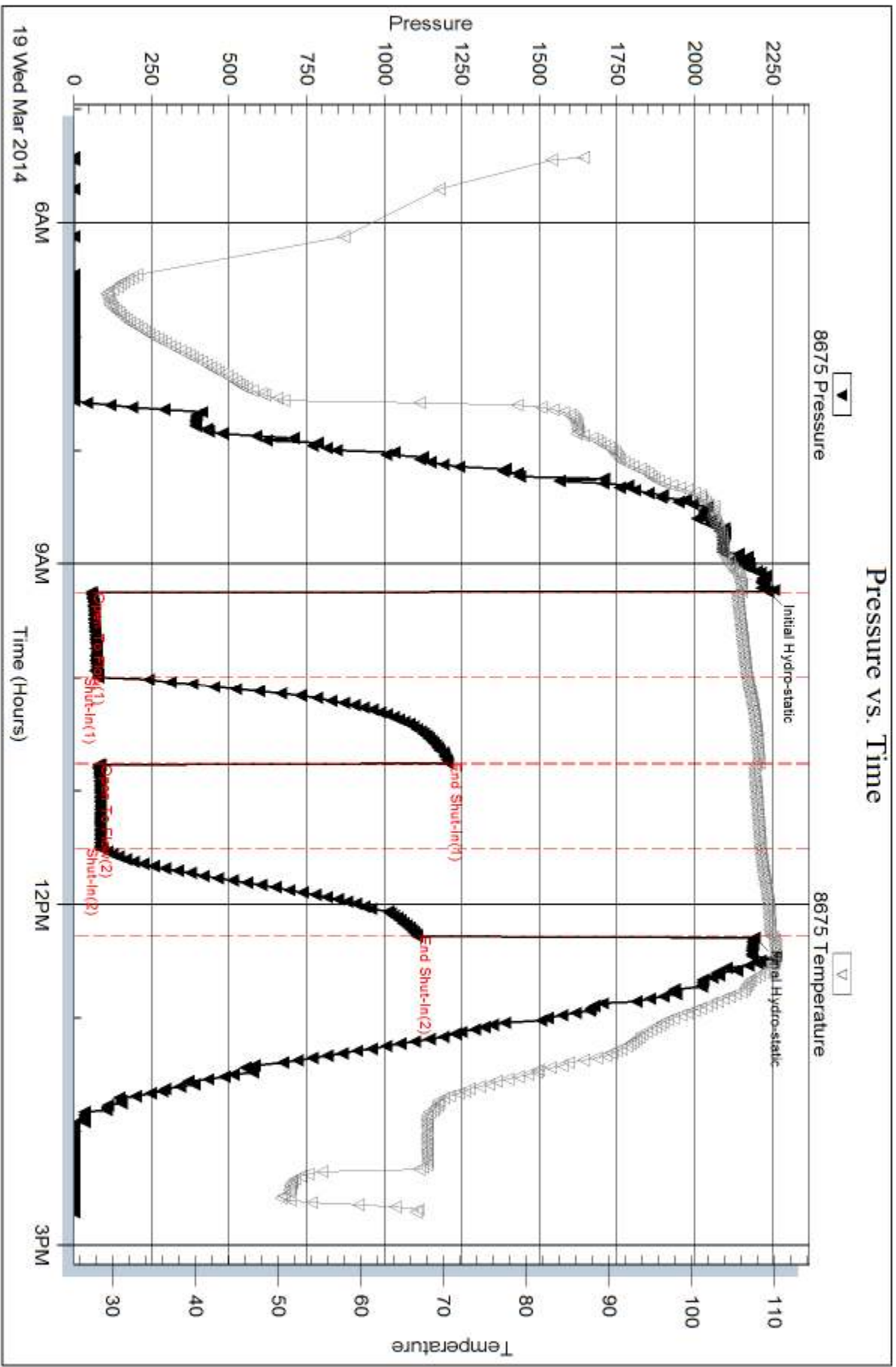
Serial #: 8675

Inside

American Warrior, Inc

Congdon #8-28

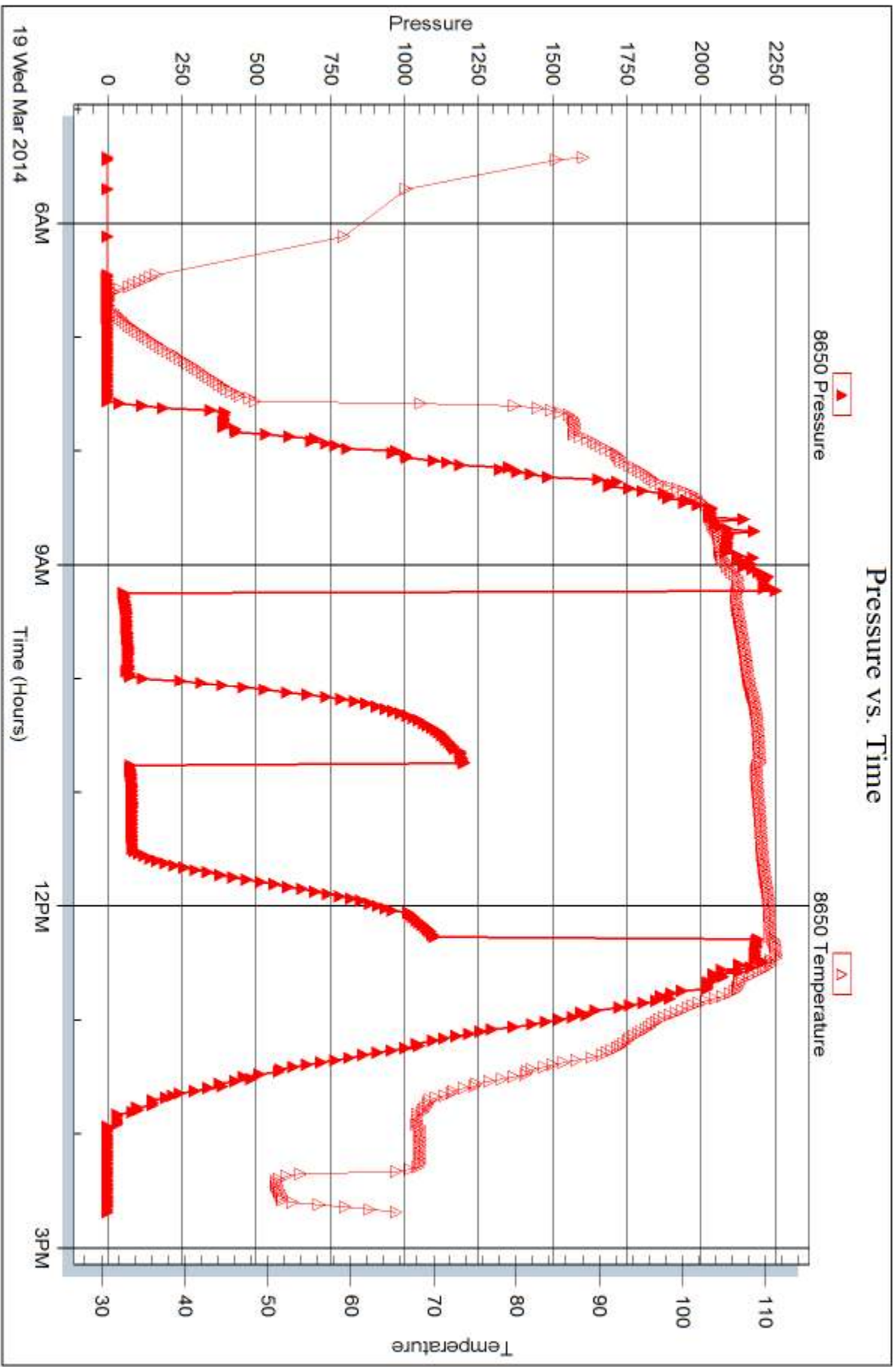
DST Test Number: 1



Triobite Testing, Inc

Ref. No: 56453

Printed: 2014.03.21 @ 16:37:30





DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

PO Box 399
Garden City KS 67846

ATTN: Kevin Timson

Congdon #8-28

28-23s-32w Finney,KS

Start Date: 2014.03.20 @ 15:38:00

End Date: 2014.03.20 @ 22:33:00

Job Ticket #: 56454 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.03.21 @ 16:36:47



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Kevin Timson

28-23s-32w Finney,KS

Congdon #8-28

Job Ticket: 56454

DST#: 2

Test Start: 2014.03.20 @ 15:38:00

GENERAL INFORMATION:

Formation: **St. Louis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:43:30
 Time Test Ended: 22:33:00
 Interval: **4760.00 ft (KB) To 4787.00 ft (KB) (TVD)**
 Total Depth: 4787.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jace McKinney
 Unit No: 75
 Reference Elevations: 2853.00 ft (KB)
 2843.00 ft (CF)
 KB to GR/CF: 10.00 ft

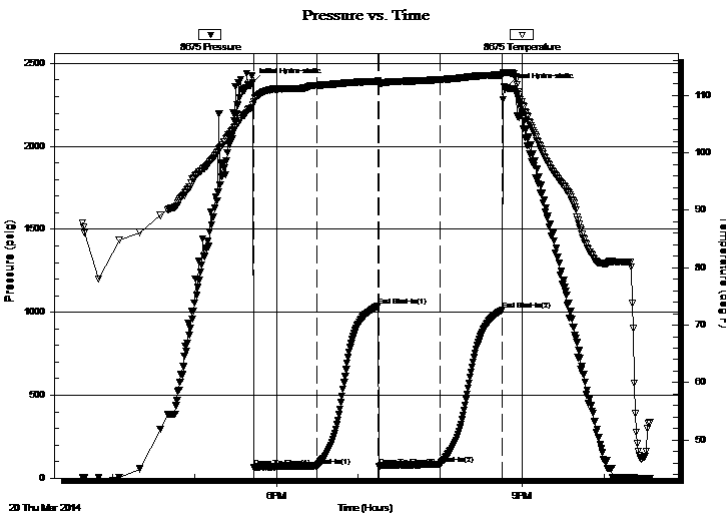
Serial #: 8675

Inside

Press@RunDepth: 83.85 psig @ 4761.00 ft (KB)
 Start Date: 2014.03.20 End Date: 2014.03.20
 Start Time: 15:38:15 End Time: 22:33:00
 Capacity: 8000.00 psig
 Last Calib.: 2014.03.20
 Time On Btm: 2014.03.20 @ 17:42:45
 Time Off Btm: 2014.03.20 @ 20:48:00

TEST COMMENT: Built to 10" blow
 Bled off for 3 min. No return blow
 B.O.B. in 21 min
 Bled off for 5 min. Built to weak surface return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2385.75	108.33	Initial Hydro-static
1	64.82	108.85	Open To Flow (1)
47	74.48	111.75	Shut-In(1)
92	1037.05	112.48	End Shut-In(1)
93	70.14	112.12	Open To Flow (2)
137	83.85	112.74	Shut-In(2)
183	1012.84	113.56	End Shut-In(2)
186	2353.20	114.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	mcco 10%M 30%G 60%O	1.72
0.00	590 Feet Weak Gas In Pipe	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
PO Box 399
Garden City KS 67846
ATTN: Kevin Timson

28-23s-32w Finney,KS
Congdon #8-28
Job Ticket: 56454 **DST#: 2**
Test Start: 2014.03.20 @ 15:38:00

Tool Information

Drill Pipe:	Length: 4653.44 ft	Diameter: 3.80 inches	Volume: 65.28 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 88.36 ft	Diameter: 2.25 inches	Volume: 0.43 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume:</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	9.30 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4760.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	27.00 ft				
Tool Length:	54.50 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			4733.50	
Shut In Tool	5.00		Inside	4738.50	
hydraulic tool	5.00			4743.50	
Jars	5.00			4748.50	
Safety Joint	2.50			4751.00	
Packer	5.00			4756.00	27.50 Bottom Of Top Packer
Packer	4.00			4760.00	
Stubb	1.00			4761.00	
Recorder	0.00	8675	Inside	4761.00	
recorder	0.00	8650	Outside	4761.00	
Perforations	23.00		Outside	4784.00	
change Over Sub	0.00		Outside	4784.00	
drill Pipe	0.00			4784.00	
Change Over Sub	0.00			4784.00	
Bullnose	3.00			4787.00	27.00 Bottom Packers & Anchor

Total Tool Length: 54.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc
PO Box 399
Garden City KS 67846
ATTN: Kevin Timson

28-23s-32w Finney,KS
Congdon #8-28
Job Ticket: 56454 **DST#: 2**
Test Start: 2014.03.20 @ 15:38:00

Mud and Cushion Information

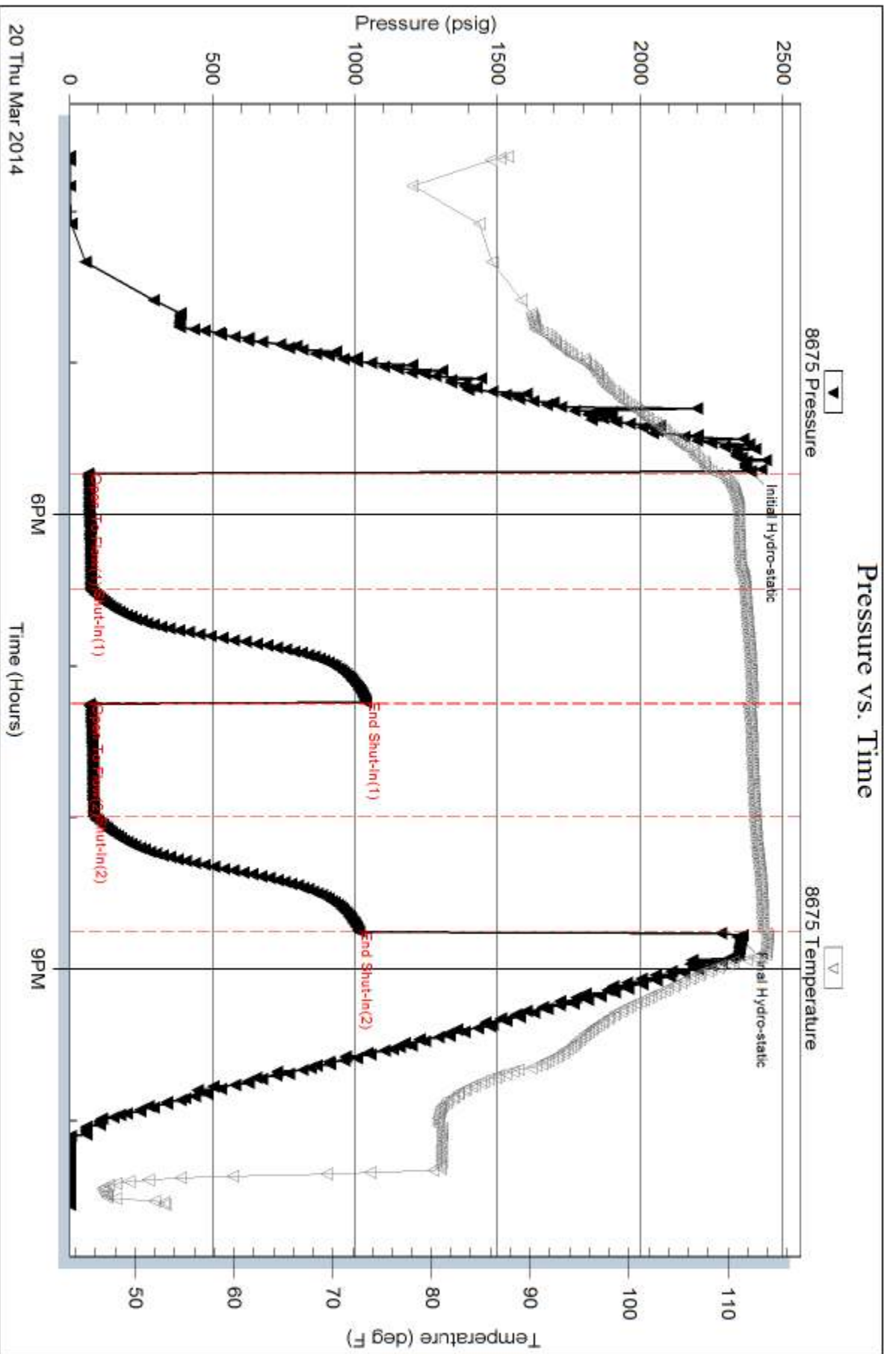
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 1.00 inches			

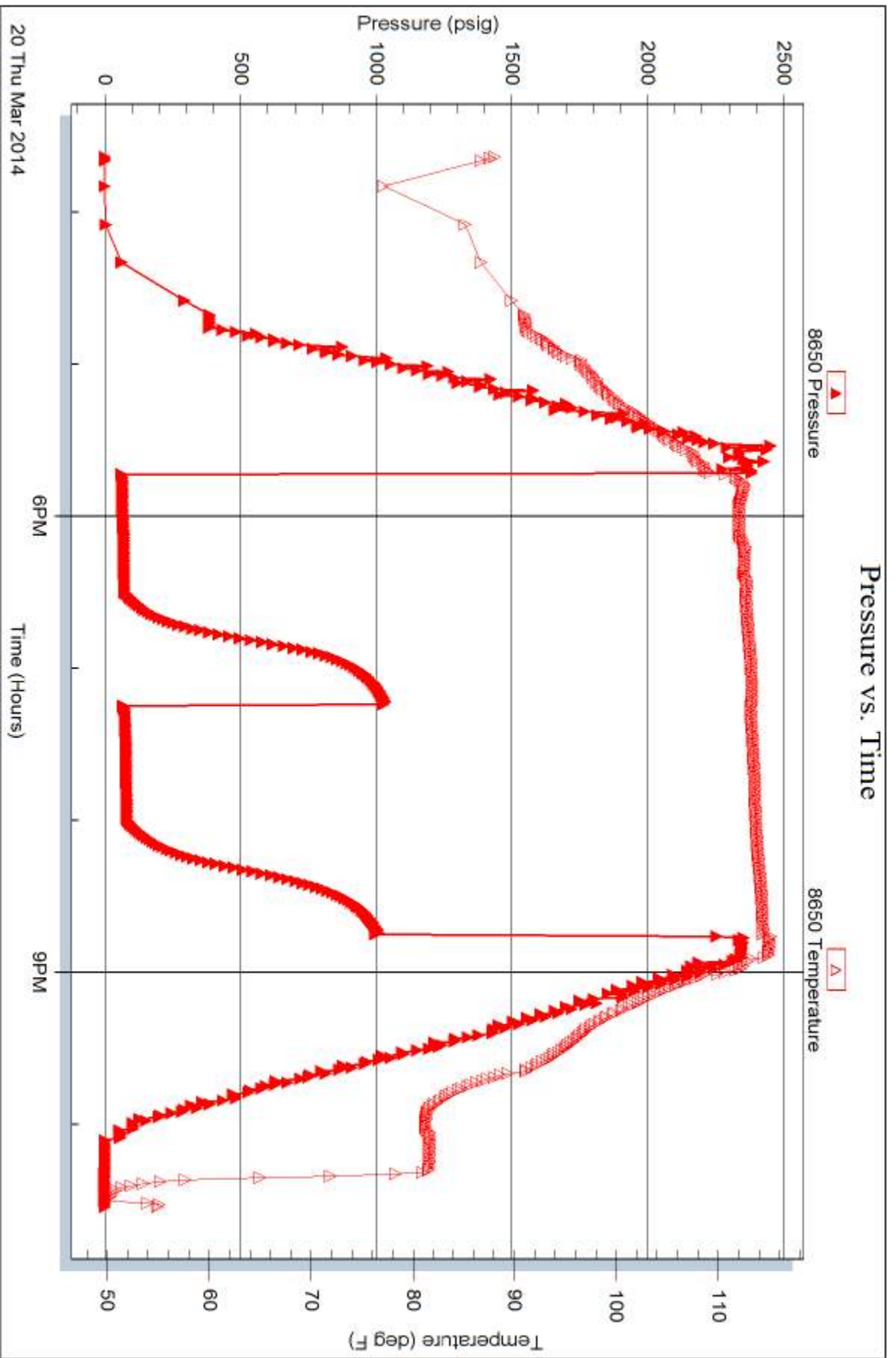
Recovery Information

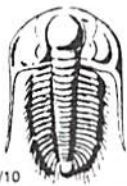
Recovery Table

Length ft	Description	Volume bbl
180.00	mcgo 10%M 30%G 60%O	1.720
0.00	590 Feet Weak Gas In Pipe	0.000

Total Length: 180.00 ft Total Volume: 1.720 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **56453**

4/10

Well Name & No. Conagon 8-28 Test No. 1 Date 3/19/14
 Company American Warrior Inc Elevation 2853 KB 2843 GL
 Address 3118 Cummings Rd, PO Box 399, Garden City KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke Drilling Company Rig 10
 Location: Sec. 28 Twp. 23s Rge. 32w Co. Finney County State K.S

Interval Tested 4483-4578 Zone Tested Cherokee
 Anchor Length 95 Drill Pipe Run 4398.36 Mud Wt. 9.5
 Top Packer Depth 4479 Drill Collars Run 88.36 Vis 5.5
 Bottom Packer Depth 4483 Wt. Pipe Run _____ WL 6.4
 Total Depth 4578 Chlorides 2,000 ppm System LCM 3#

Blow Description Built to 6" below
Bled off for 3 min. No return below
Built to 5 1/8" below

Bled off for 3 min. No return below

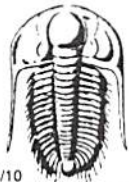
Rec	Feet of	%gas	%oil	%water	%mud
<u>140</u>	<u>Mud with oil scum</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 140 BHT 108 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2,235</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>04:00</u>
(B) First Initial Flow <u>56</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>05:25</u>
(C) First Final Flow <u>78</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>09:14</u>
(D) Initial Shut-In <u>1,205</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>12:14</u>
(E) Second Initial Flow <u>80</u>	<input checked="" type="checkbox"/> Hourly Standby <u>over 10 hrs</u>	T-Out <u>14:42</u>
(F) Second Final Flow <u>86</u>	<input checked="" type="checkbox"/> Mileage <u>70 RT</u> <u>108.50</u>	Comments _____
(G) Final Shut-In <u>1,105</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>2,193</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>45</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer _____	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder _____	Total <u>1683.50</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby _____	MP/DST Disc't <input checked="" type="checkbox"/>
	<input type="checkbox"/> Accessibility _____	
	Sub Total <u>1683.50</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. 56454

4/10

Well Name & No. Congdon 8-28 Test No. 2 Date 3/20/14
 Company American Warrior, Inc Elevation 2853 KB 2843 GL
 Address 3118 Cumming Rd, PO Box 399, Garden City KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke Drilling Company Rig 10
 Location: Sec. 28 Twp. 23s Rge. 32w Co. Finney County State KS

Interval Tested 4760 - 4787 Zone Tested St. Louis
 Anchor Length 27 Drill Pipe Run 4653.44 Mud Wt. 9.6
 Top Packer Depth 4756 Drill Collars Run 88.36 Vis 52
 Bottom Packer Depth 4760 Wt. Pipe Run _____ WL 7.2
 Total Depth 4787 Chlorides 2,500 ppm System LCM 2#

Blow Description Built to 10" below
Bled off for 3 min. No return below
B.O.B. in 2 min

Bled off for 5 min. Built to weak surface return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>0</u>	<u>590 Feet weak Gas In Pipe</u>				
<u>180</u>	<u>MCCO</u>	<u>30%</u>	<u>60%</u>		<u>10%</u>
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 180 BHT 114 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2,386</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>15:30</u>
(B) First Initial Flow <u>65</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>15:38</u>
(C) First Final Flow <u>74</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>17:43</u>
(D) Initial Shut-In <u>1,037</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>20:43</u>
(E) Second Initial Flow <u>70</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>22:33</u>
(F) Second Final Flow <u>84</u>	<input checked="" type="checkbox"/> Mileage <u>70 RT</u> <u>108.50</u>	Comments _____
(G) Final Shut-In <u>1,013</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2,353</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

Day Standby 4 hrs with 25 hours Sub Total 25
 Accessibility _____ Total 1708.50
 MP/DST Disc't

Sub Total 1683.50

Approved By _____ Our Representative [Signature]

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Geological Report

American Warrior, Inc.

Congdon #8-28

1673' FSL & 1057' FWL

Sec. 28, T23s, R32w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Congdon #8-28
1673' FSL & 1057' FWL
Sec. 28, T23s, R32w
Finney County, Kansas
API # 15-055-22259-00-00

Drilling Contractor: Duke Drilling Co. Rig #10

Geologist: Kevin Timson

Spud Date: March 13, 2014

Completion Date: March 22, 2014

Elevation 2842' 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 ¾ mile on Rodkey and North into location.

Casing: 1731' 8 5/8" #24 Surface Casing
4836' 5 ½" #15.5 Production Casing

Samples: 4400' to RTD 10' Wet & Dry

Drilling Time: 3800' to RTD

Electric Logs: Pioneer Energy Services "J. Long"
Stacked-Micro

Drillstem Tests: Two-Trilobite Testing "Jace McKinney"

Problems: Pipe tally off 100', corrected after DST #1

Formation Tops

Congdon #8-28

Sec. 28, T23s, R32w

1673' FSL & 1057' FWL

Anhydrite	1861' +992
Base	1947' +906
Heebner	3822' -969
Lansing	3864' -1011
Stark	4224' -1371
Bkc	4358' -1505
Marmaton	4384' -1531
Pawnee	4465' -1612
Fort Scott	4489' -1636
Cherokee	4503' -1650
Morrow	4671' -1818
Miss	4682' -1829
RTD	4850' -1997
LTD	4845' -1992

Sample Zone Descriptions

Cherokee (4503', -1650): Covered in DST #1

Ls. Tan. Medium to sub crystalline. Fair oomoldic and good oolycastic porosity. Fair to good stain. Fair saturation. Show of free oil when broken. Fair odor. 35 unit kick.

St. Louis (4682', -1829): Covered in DST #2

Ls. Tan. Sub crystalline. Fair to good oomoldic and oolycastic porosity. Good stain and good saturation in porosity. Show of free oil when broken. Fair odor. 75 Unit kick.

Drill Stem Tests
Trilobite Testing
“Jace McKinney”

DST #1

Cherokee

Interval (4483’ - 4578’) Anchor Length 95’

IHP	-2235 #	
IFP	- 45” – Built to 6” blow	56-78 #
ISI	- 45” – No return	1205 #
FFP	- 45” – Built to 5 ½” blow	80-86 #
FSIP	- 45” – No return	1105 #
FHP	- 2193 #	
BHT	- 108° F	

Recovery: 140’ Mud with oil scum

DST #2

St. Louis

Interval (4760’ – 4787’) Anchor Length 27’

IHP	-2386 #	
IFP	- 45” – Built to 10” blow	65-74 #
ISI	- 45” – No return	1037 #
FFP	- 45” – BOB in 21 min	70-84 #
FSIP	- 45” – WSB	1013 #
FHP	- 2353 #	
BHT	- 114° F	

Recovery: 180’ MCGO (60% Oil)
590’ Weak GIP

Structural Comparison

	American Warrior, Inc. Congdon #8-28 Sec. 28, T23s, R32w 1673' FSL & 1057' FWL		American Warrior, Inc. Congdon #7-28 Sec. 28, T23s, R32w 694' FSL & 1683' FWL		Amoco Production Co. O.G. Congdon #2 Sec 28, T23s, R32w C NE SW
Formation					
Heebner	3822' -969	+12	3833' -981	+9	3842' -978
Lansing	3864' -1011	+14	3877' -1025	+11	3886' -1022
Stark	4224' -1371	+13	4236' -1384	+15	4250' -1386
BKC	4358' -1505	+14	4371' -1519	+17	4386' -1522
Marmaton	4384' -1531	+15	4398' -1546	+21	4416' -1552
Pawnee	4465' -1612	+14	4478' -1626	+11	4487' -1623
Fort Scott	4489' -1636	+15	4503' -1651	+12	4512' -1648
Cherokee	4503' -1650	+17	4519' -1667	+14	4528' -1664
Morrow	4671' -1818	+16	4686' -1834	+12	4694' -1830
St. Louis	4682' -1829	+13	4694' -1842	+18	4711' -1847

Summary

The location for the Congdon #8-28 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 from the St. Louis Limestone. After all the gathered data had been examined, the decision was made to run 5 1/2" production casing to further evaluate the Congdon #8-28 well.

Perforations

Primary:

St. Louis (4774' – 4780')

Secondary:

Cherokee (4510' – 4514')

Before Abandonment:

Fort Scott (4497' – 4500')

Pawnee (4467' – 4472')

