



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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- 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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report 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 and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> 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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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
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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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Glen Marcellus B 3-36
Doc ID	1164262

All Electric Logs Run

Induction
Porosity
Micro
Sonic

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Glen Marcellus B 3-36
Doc ID	1164262

Tops

Name	Top	Datum
Heebner	4185'	-1242
Lansing	4313'	-1370
Swope	4850'	-1907
Marmaton	4987'	-2044
Cherokee	5200'	-2257
Atoka	5442'	-2499
Morrow	5602'	-2659
Chester	5916'	-2973
St.Louis	6256'	-3313



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

PO Box 399
Garden City, KS 67846

ATTN: Keith Reavis

Glen Marcellus B3-36

36-32s-35w Stevens,KS

Start Date: 2013.05.06 @ 00:41:00

End Date: 2013.05.06 @ 06:09:15

Job Ticket #: 53228 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.05.15 @ 09:57:21



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior, Inc
 PO Box 399
 Garden City, KS 67846
 ATTN: Keith Reavis

36-32s-35w Stevens, KS

Glen Marcellus B3-36

Job Ticket: 53228 **DST#: 1**

Test Start: 2013.05.06 @ 00:41:00

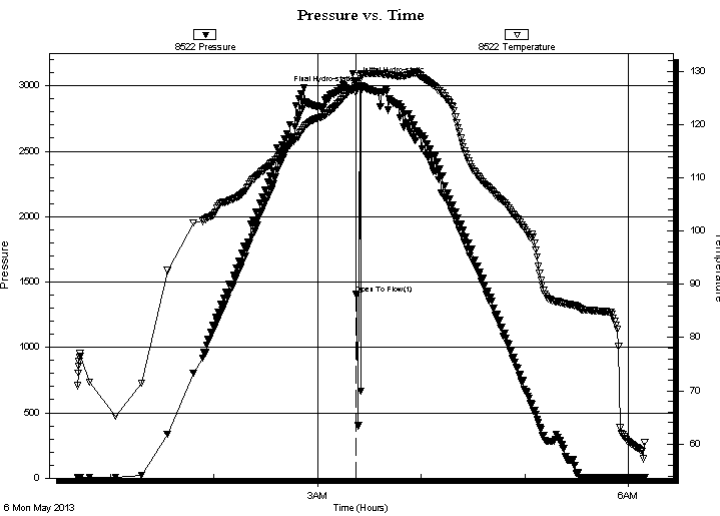
GENERAL INFORMATION:

Formation: **Chester Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:22:15
 Time Test Ended: 06:09:15
 Interval: **6094.00 ft (KB) To 6132.00 ft (KB) (TVD)**
 Total Depth: 6132.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Bradley Walter
 Unit No: 53
 Reference Elevations: 2943.00 ft (KB)
 2932.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8522 Outside

Press @ Run Depth: psig @ 6095.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.05.06 End Date: 2013.05.06 Last Calib.: 2013.05.06
 Start Time: 00:41:05 End Time: 06:09:14 Time On Btm: 2013.05.06 @ 03:22:00
 Time Off Btm: 2013.05.06 @ 03:25:15

TEST COMMENT: Mis-run - failure of packers to seat.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3031.36	126.90	Initial Hydro-static
1	1408.83	125.98	Open To Flow (1)
4	2966.29	129.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
500.00	Mud 100m	3.69

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: Keith Reavis

36-32s-35w Stevens,KS
Glen Marcellus B3-36
Job Ticket: 53228 **DST#: 1**
Test Start: 2013.05.06 @ 00:41:00

Tool Information

Drill Pipe:	Length: 5729.00 ft	Diameter: 3.80 inches	Volume: 80.36 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: 25000.00 lb
Drill Collar:	Length: 365.00 ft	Diameter: 2.25 inches	Volume: 1.80 bbl	Weight to Pull Loose: 110000.0 lb
			Total Volume: 82.16 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 99000.00 lb
Depth to Top Packer:	6094.00 ft			Final 101000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	65.00 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			6068.00	
Shut In Tool	5.00			6073.00	
Hydraulic tool	5.00			6078.00	
Jars	5.00			6083.00	
Safety Joint	2.00			6085.00	
Packer	5.00			6090.00	27.00 Bottom Of Top Packer
Packer	4.00			6094.00	
Stubb	1.00			6095.00	
Recorder	0.00	8677	Inside	6095.00	
Recorder	0.00	8522	Outside	6095.00	
Perforations	2.00			6097.00	
Change Over Sub	1.00			6098.00	
Drill Pipe	30.00			6128.00	
Change Over Sub	1.00			6129.00	
Bullnose	3.00			6132.00	38.00 Bottom Packers & Anchor

Total Tool Length: 65.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc
PO Box 399
Garden City, KS 67846
ATTN: Keith Reavis

36-32s-35w Stevens,KS
Glen Marcellus B3-36
Job Ticket: 53228 **DST#: 1**
Test Start: 2013.05.06 @ 00:41:00

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:	52.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	6.39 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1500.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

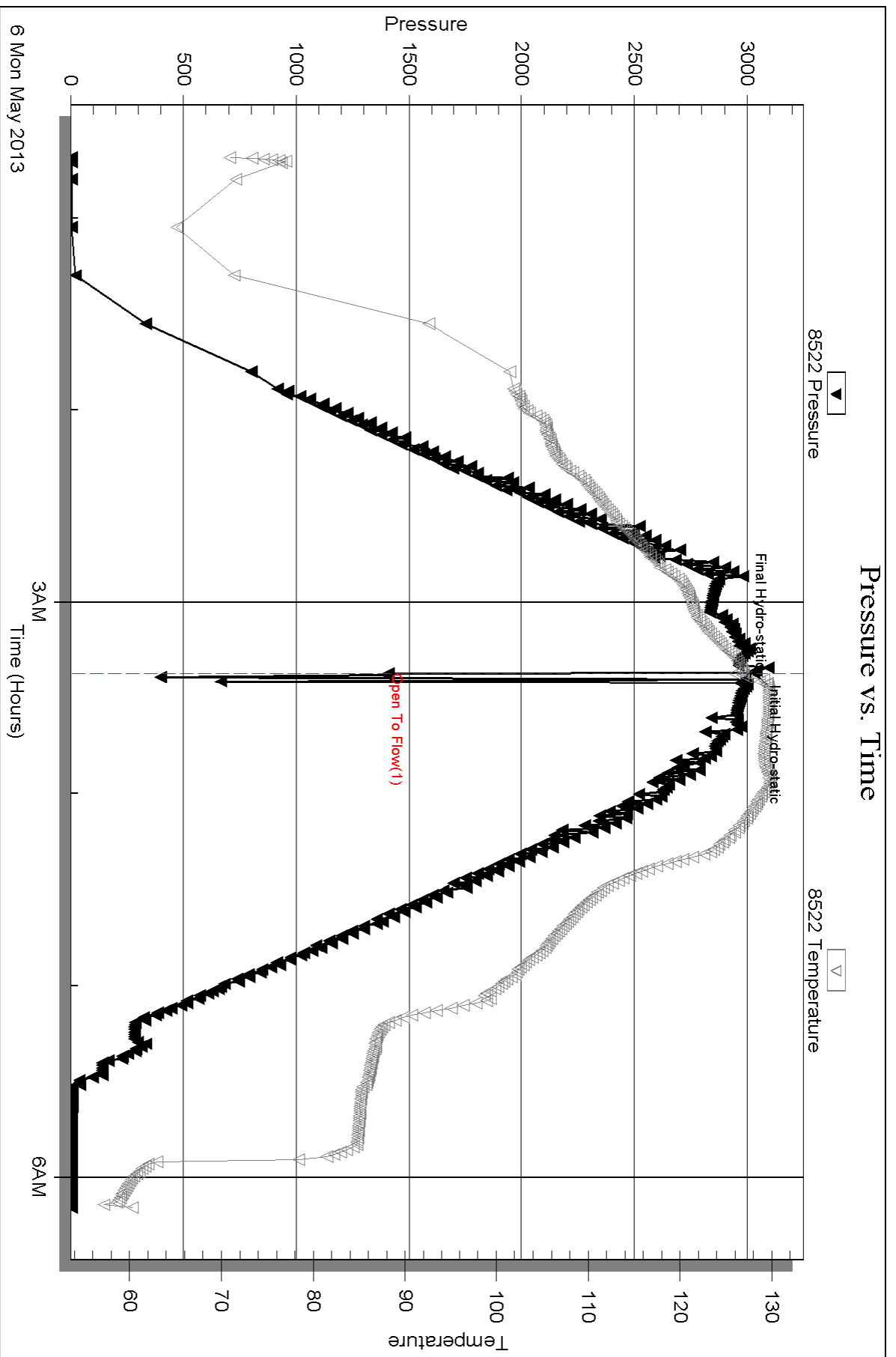
Length ft	Description	Volume bbl
500.00	Mud 100m	3.689

Total Length: 500.00 ft Total Volume: 3.689 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Miss-Run





DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

PO Box 399
Garden City, KS 67846

ATTN: Keith Reavis

Glen Marcellus B3-36

36-32s-35w Stevens,KS

Start Date: 2013.05.06 @ 06:26:00

End Date: 2013.05.06 @ 14:26:00

Job Ticket #: 53229 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.05.15 @ 09:56:33

American Warrior, Inc

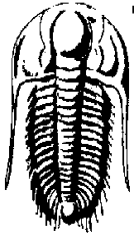
36-32s-35w Stevens,KS

Glen Marcellus B3-36

DST # 2

Chester Sand

2013.05.06



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, Inc
 PO Box 399
 Garden City, KS 67846
 ATTN: Keith Reavis

36-32s-35w Stevens,KS

Glen Marcellus B3-36

Job Ticket: 53229 **DST#: 2**
 Test Start: 2013.05.06 @ 06:26:00

GENERAL INFORMATION:

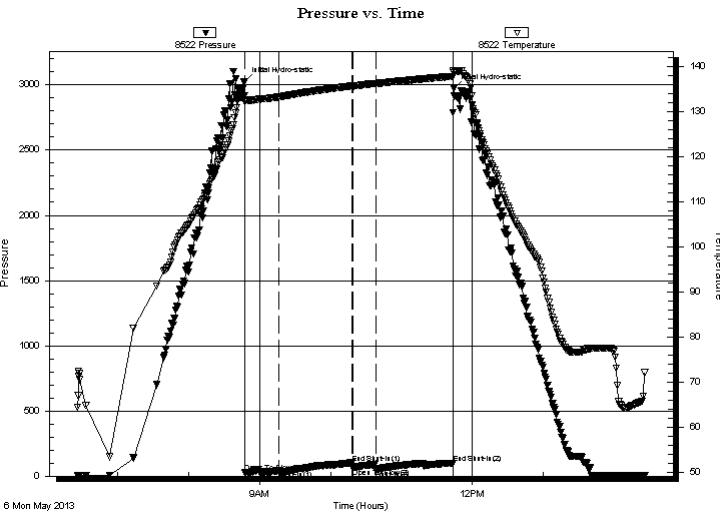
Formation: **Chester Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:47:30
 Time Test Ended: 14:26:00
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 53
 Interval: **6034.00 ft (KB) To 6132.00 ft (KB) (TVD)**
 Reference Elevations: 2943.00 ft (KB)
 Total Depth: 6132.00 ft (KB) (TVD) 2932.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 11.00 ft

Serial #: 8522

Outside

Press @RunDepth: 44.77 psig @ 6035.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.05.06 End Date: 2013.05.06 Last Calib.: 2013.05.06
 Start Time: 06:26:05 End Time: 14:25:59 Time On Btm: 2013.05.06 @ 08:47:15
 Time Off Btm: 2013.05.06 @ 11:44:15

TEST COMMENT: IF: 1/2" blow.
 IS: No return.
 FF: No blow.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3024.94	133.52	Initial Hydro-static
1	27.14	132.27	Open To Flow (1)
30	45.76	133.31	Shut-In(1)
91	102.43	135.72	End Shut-In(1)
92	61.25	135.71	Open To Flow (2)
111	44.77	136.25	Shut-In(2)
177	96.58	137.84	End Shut-In(2)
177	2974.86	138.66	Final Hydro-static

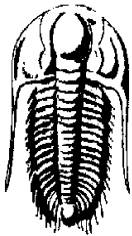
Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100m (oil spots in tool)	0.10

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, Inc
PO Box 399
Garden City, KS 67846
ATTN: Keith Reavis

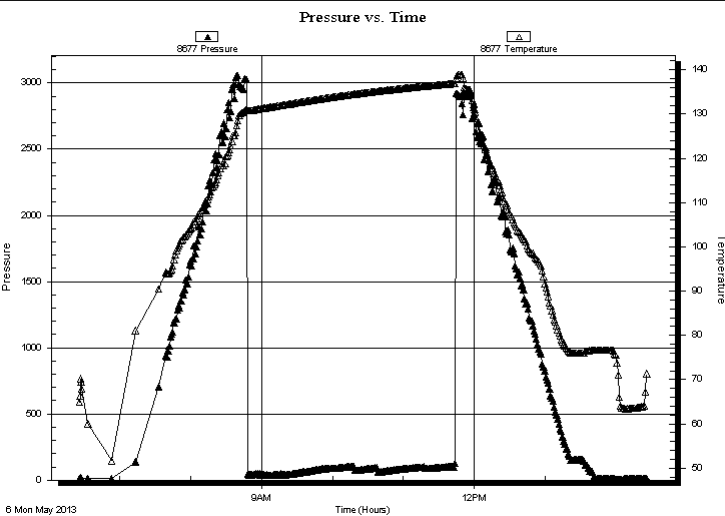
36-32s-35w Stevens,KS
Glen Marcellus B3-36
Job Ticket: 53229 **DST#: 2**
Test Start: 2013.05.06 @ 06:26:00

GENERAL INFORMATION:

Formation:	Chester Sand		
Deviated:	No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened:	08:47:30		Tester: Bradley Walter
Time Test Ended:	14:26:00		Unit No: 53
Interval:	6034.00 ft (KB) To 6132.00 ft (KB) (TVD)		Reference Elevations: 2943.00 ft (KB)
Total Depth:	6132.00 ft (KB) (TVD)		2932.00 ft (CF)
Hole Diameter:	7.88 inches	Hole Condition: Good	KB to GR/CF: 11.00 ft

Serial #: 8677	Inside			
Press @ Run Depth:	psig @	6035.00 ft (KB)	Capacity:	8000.00 psig
Start Date:	2013.05.06	End Date:	2013.05.06	Last Calib.: 2013.05.06
Start Time:	06:26:35	End Time:	14:25:14	Time On Btm:
				Time Off Btm:

TEST COMMENT: IF: 1/2" blow.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100m (oil spots in tool)	0.10

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc
PO Box 399
Garden City, KS 67846
ATTN: Keith Reavis

36-32s-35w Stevens,KS
Glen Marcellus B3-36
Job Ticket: 53229 **DST#: 2**
Test Start: 2013.05.06 @ 06:26:00

Tool Information

Drill Pipe:	Length: 5764.00 ft	Diameter: 3.80 inches	Volume: 80.85 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: 25000.00 lb
Drill Collar:	Length: 272.00 ft	Diameter: 2.25 inches	Volume: 1.34 bbl	Weight to Pull Loose: 120000.0 lb
			<u>Total Volume: 82.19 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 90000.00 lb
Depth to Top Packer:	6034.00 ft			Final 90000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	98.00 ft			
Tool Length:	125.00 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			6008.00	
Shut In Tool	5.00			6013.00	
Hydraulic tool	5.00			6018.00	
Jars	5.00			6023.00	
Safety Joint	2.00			6025.00	
Packer	5.00			6030.00	27.00 Bottom Of Top Packer
Packer	4.00			6034.00	
Stubb	1.00			6035.00	
Recorder	0.00	8677	Inside	6035.00	
Recorder	0.00	8522	Outside	6035.00	
Perforations	31.00			6066.00	
Change Over Sub	1.00			6067.00	
Drill Pipe	61.00			6128.00	
Change Over Sub	1.00			6129.00	
Bullnose	3.00			6132.00	98.00 Bottom Packers & Anchor

Total Tool Length: 125.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc
PO Box 399
Garden City, KS 67846
ATTN: Keith Reavis

36-32s-35w Stevens,KS
Glen Marcellus B3-36
Job Ticket: 53229 **DST#: 2**
Test Start: 2013.05.06 @ 06:26:00

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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

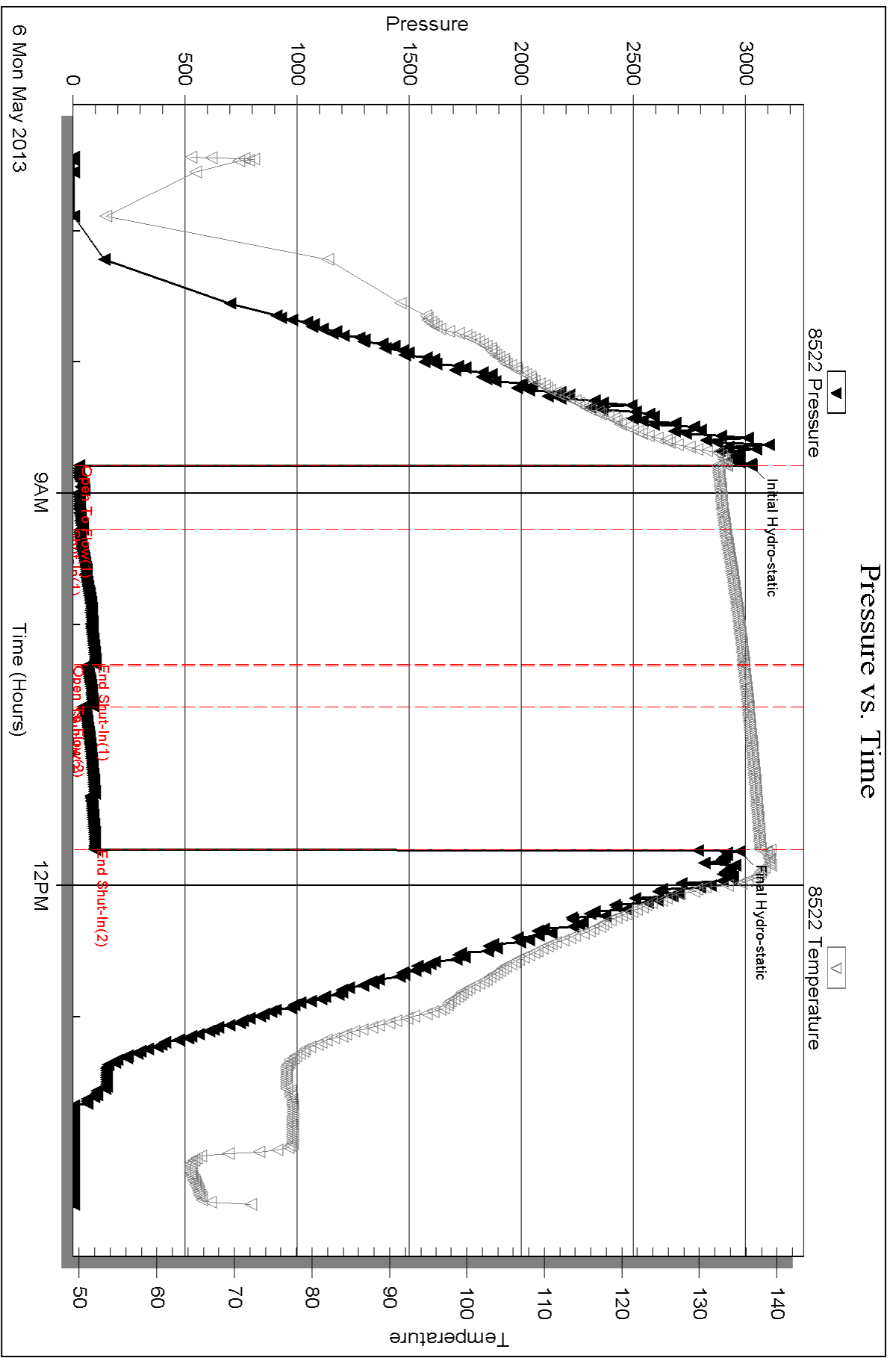
Length ft	Description	Volume bbl
20.00	mud 100m (oil spots in tool)	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:



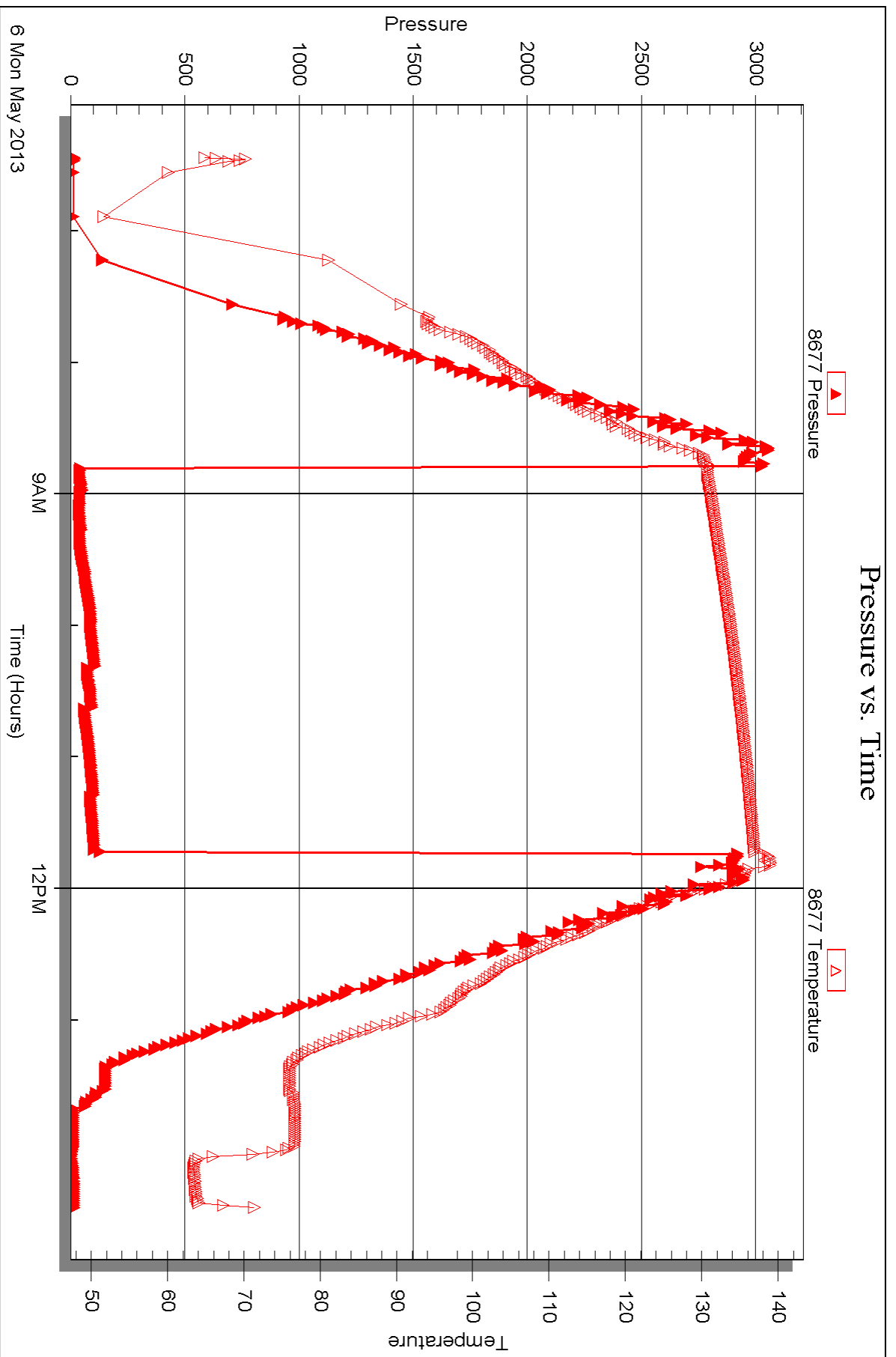
Serial #: 8677

Inside

American Warrior, Inc

Glen Marcellus B3-36

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

PO Box 399
Garden City, KS 67846

ATTN: Keith Reavis

Glen Marcellus B3-36

36-32s-35w Stevens,KS

Start Date: 2013.05.07 @ 10:56:00

End Date: 2013.05.07 @ 18:26:30

Job Ticket #: 53230 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.05.15 @ 09:55:43

American Warrior, Inc

36-32s-35w Stevens,KS

Glen Marcellus B3-36

DST # 3

St Louis

2013.05.07



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, Inc
 PO Box 399
 Garden City, KS 67846
 ATTN: Keith Reavis

36-32s-35w Stevens, KS

Glen Marcellus B3-36

Job Ticket: 53230 **DST#: 3**
 Test Start: 2013.05.07 @ 10:56:00

GENERAL INFORMATION:

Formation: **St Louis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:38:15
 Time Test Ended: 18:26:30
 Interval: **6240.00 ft (KB) To 6280.00 ft (KB) (TVD)**
 Total Depth: 6280.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 53
 Reference Elevations: 2943.00 ft (KB)
 2932.00 ft (CF)
 KB to GR/CF: 11.00 ft

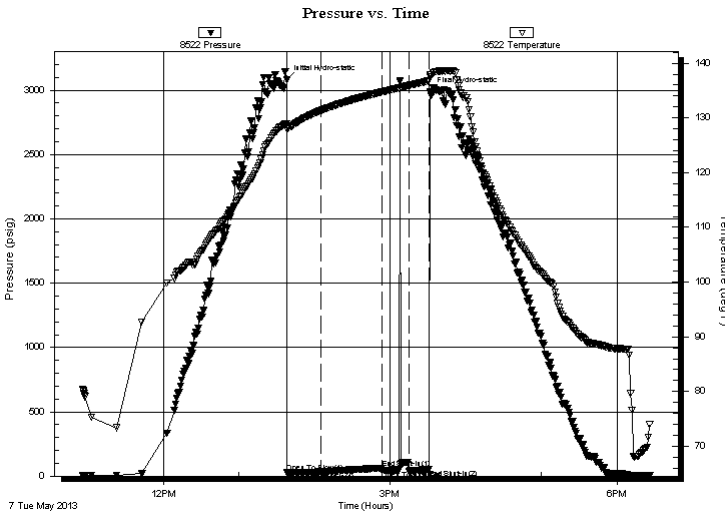
Serial #: 8522

Outside

Press @ Run Depth: 39.17 psig @ 6241.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.05.07 End Date: 2013.05.07 Last Calib.: 2013.05.07
 Start Time: 10:56:05 End Time: 18:26:29 Time On Btm: 2013.05.07 @ 13:38:00
 Time Off Btm: 2013.05.07 @ 15:31:30

TEST COMMENT: IF: Surface blow, died @ 22 min.
 IS: No return.
 FF: No blow, flushed tool no help.
 FS: No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3083.35	129.05	Initial Hydro-static
1	26.32	127.94	Open To Flow (1)
28	32.97	131.36	Shut-In(1)
76	62.77	134.74	End Shut-In(1)
76	44.73	134.75	Open To Flow (2)
97	39.17	135.94	Shut-In(2)
113	50.30	136.77	End Shut-In(2)
114	2988.40	137.82	Final Hydro-static

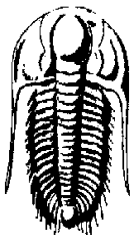
Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100m	0.05

* Recovery from multiple tests

Gas Rates

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



**TRILLOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior, Inc

PO Box 399
Garden City, KS 67846

ATTN: Keith Reavis

36-32s-35w Stevens,KS

Glen Marcellus B3-36

Job Ticket: 53230 **DST#: 3**

Test Start: 2013.05.07 @ 10:56:00

GENERAL INFORMATION:

Formation: **St Louis**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:38:15

Time Test Ended: 18:26:30

Interval: **6240.00 ft (KB) To 6280.00 ft (KB) (TVD)**

Total Depth: 6280.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 53

Reference Elevations: 2943.00 ft (KB)

2932.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8677

Inside

Press @ Run Depth: psig @ 6241.00 ft (KB)

Start Date: 2013.05.07

End Date:

2013.05.07

Start Time: 10:56:35

End Time:

18:25:44

Capacity: 8000.00 psig

Last Calib.: 2013.05.07

Time On Btm:

Time Off Btm:

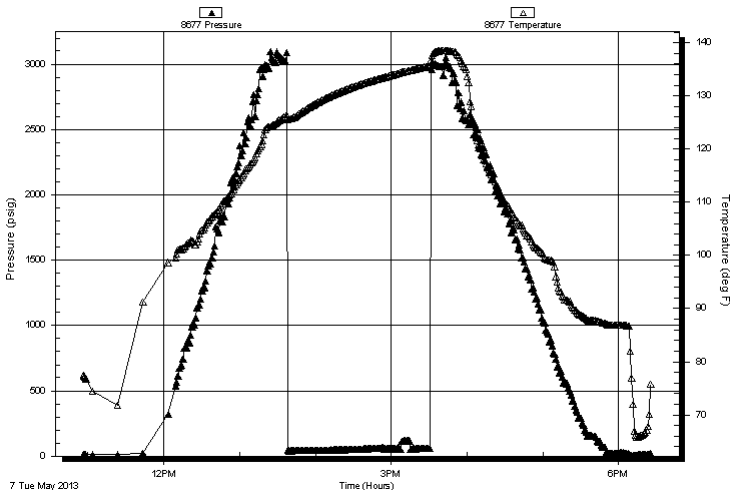
TEST COMMENT: IF: Surface blow , died @ 22 min.

IS: No return.

FF: No blow , flushed tool no help.

FS: No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100m	0.05

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc
 PO Box 399
 Garden City, KS 67846
 ATTN: Keith Reavis

36-32s-35w Stevens,KS
Glen Marcellus B3-36
 Job Ticket: 53230 **DST#: 3**
 Test Start: 2013.05.07 @ 10:56:00

Tool Information

Drill Pipe:	Length: 5955.00 ft	Diameter: 3.80 inches	Volume: 83.53 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: 25000.00 lb
Drill Collar:	Length: 272.00 ft	Diameter: 2.25 inches	Volume: 1.34 bbl	Weight to Pull Loose: 115000.0 lb
			<u>Total Volume: 84.87 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 92000.00 lb
Depth to Top Packer:	6240.00 ft			Final 92000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	67.00 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			6214.00	
Shut In Tool	5.00			6219.00	
Hydraulic tool	5.00			6224.00	
Jars	5.00			6229.00	
Safety Joint	2.00			6231.00	
Packer	5.00			6236.00	27.00 Bottom Of Top Packer
Packer	4.00			6240.00	
Stubb	1.00			6241.00	
Recorder	0.00	8677	Inside	6241.00	
Recorder	0.00	8522	Outside	6241.00	
Perforations	3.00			6244.00	
Change Over Sub	1.00			6245.00	
Drill Pipe	31.00			6276.00	
Change Over Sub	1.00			6277.00	
Bullnose	3.00			6280.00	40.00 Bottom Packers & Anchor

Total Tool Length: 67.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc
PO Box 399
Garden City, KS 67846
ATTN: Keith Reavis

36-32s-35w Stevens,KS
Glen Marcellus B3-36
Job Ticket: 53230 **DST#: 3**
Test Start: 2013.05.07 @ 10:56:00

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: 2.00 inches			

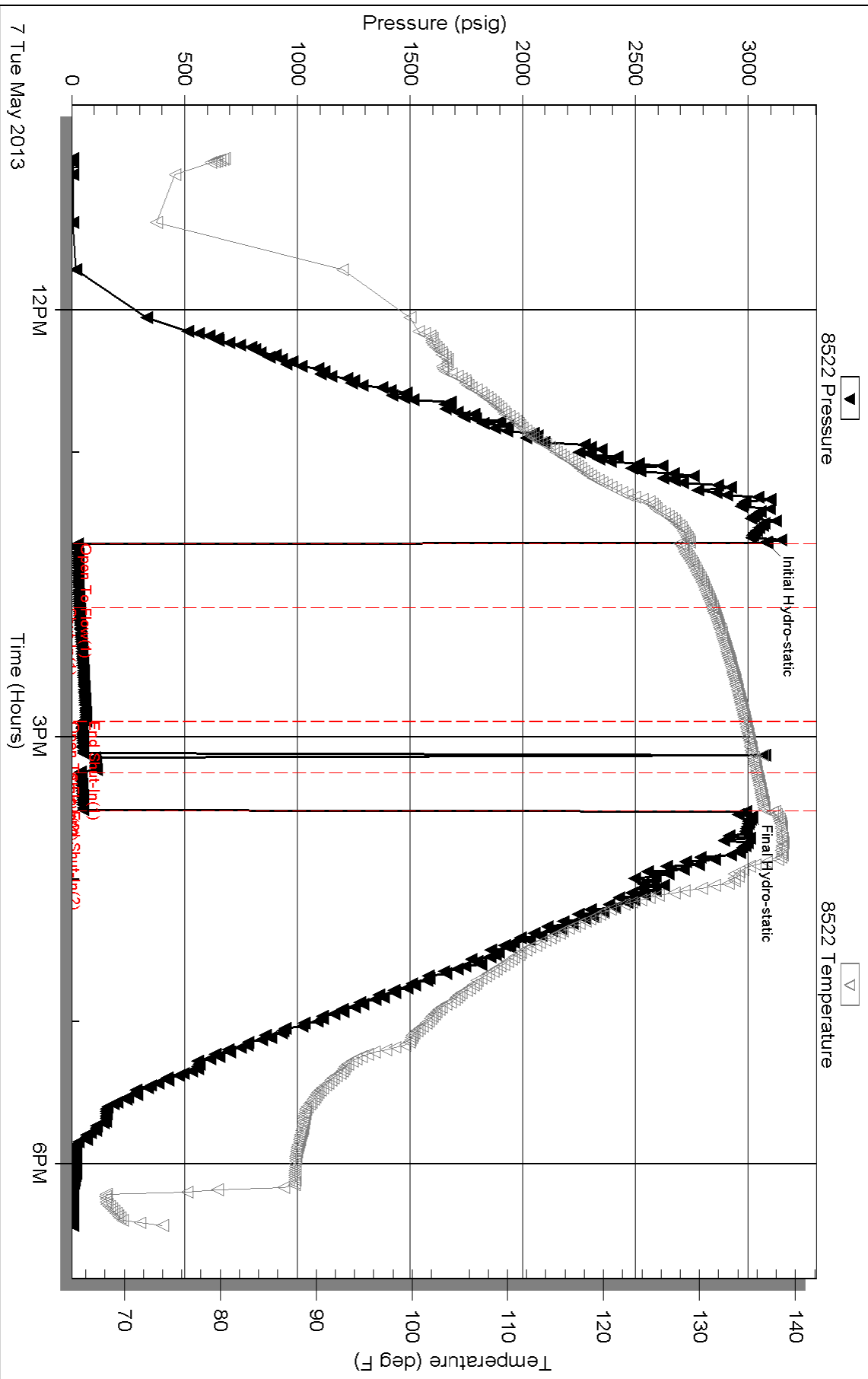
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time



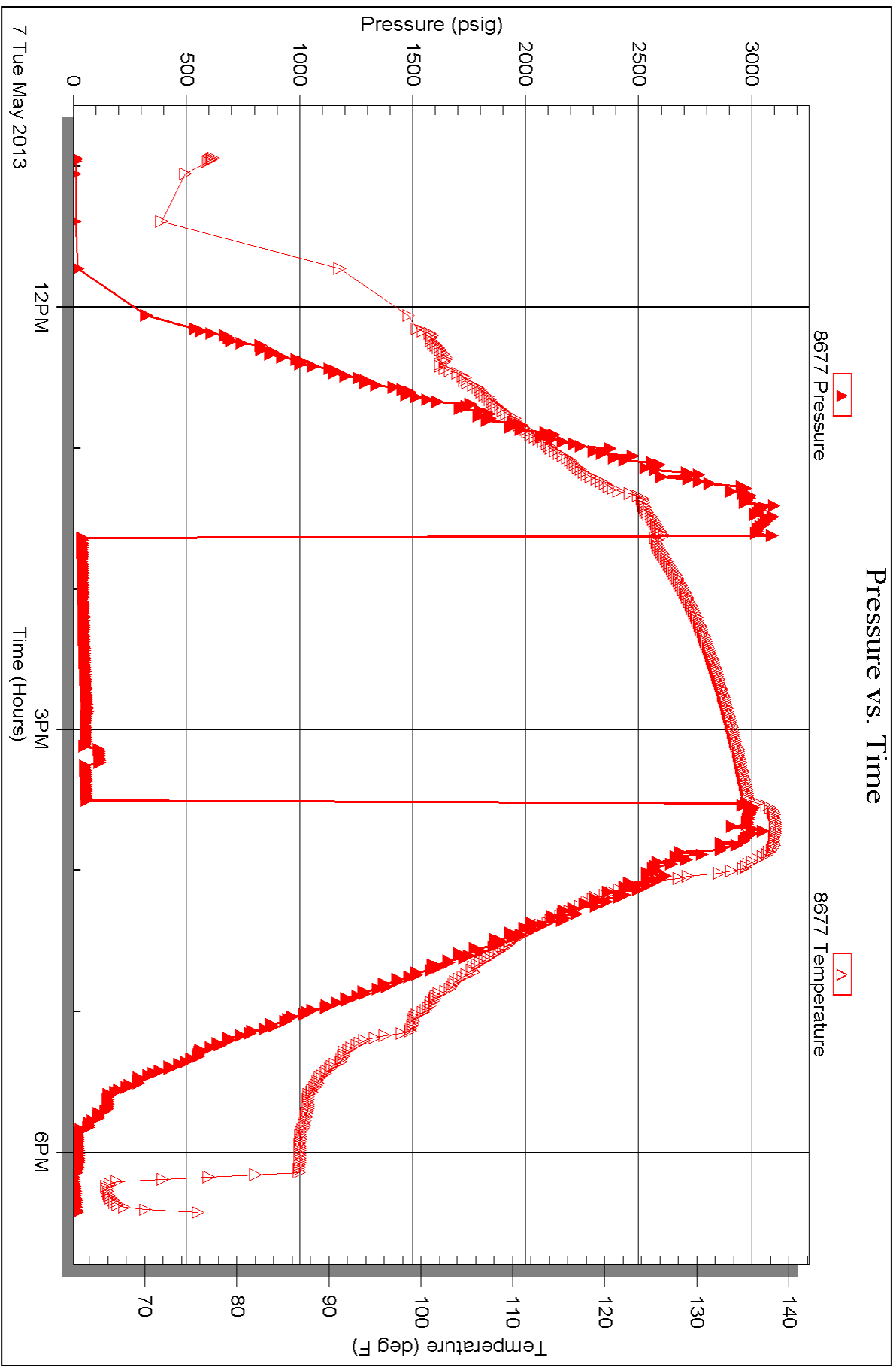
Serial #: 8677

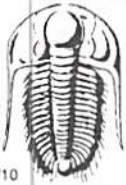
Inside

American Warrior, Inc

Glen Marcellus B3-36

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53228

4/10

Well Name & No. Glen Marcellus B 3-36 Test No. 1 Date 5/6/13
 Company American Warrior, Inc Elevation 2943 KB 2932 GL
 Address PO Box 399 Garden City, ks 67646
 Co. Rep / Geo. Keith Reavis Rig Duke #6
 Location: Sec. 36 Twp. 32S Rge. 35W Co. Stevens State Ks

Interval Tested 6094 - 6132 Zone Tested Chester Sand
 Anchor Length 38 Drill Pipe Run 5729 Mud Wt. 9.3
 Top Packer Depth 6089 Drill Collars Run 365 Vis 52
 Bottom Packer Depth 6094 Wt. Pipe Run 0 WL 6.4
 Total Depth 6132 Chlorides 1500 ppm System LCM 10"
 Blow Description MISS-RUN
Packer failed to seat

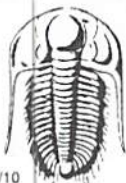
Rec	Feet of	%gas	%oil	%water	%mud
<u>500</u>	<u>MUD</u>				

Rec Total 500 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic Test 1250 T-On Location 2330 5/5/13
 (B) First Initial Flow Jars 250 T-Started 0041
 (C) First Final Flow Safety Joint 75 T-Open 0330
 (D) Initial Shut-In Circ Sub N/C T-Pulled 0340
 (E) Second Initial Flow Hourly Standby _____ T-Out 0609
 (F) Second Final Flow Mileage 193 RT 299.15 Comments MISS RUN
 (G) Final Shut-In Sampler _____
 (H) Final Hydrostatic Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer 320
 Extra Packer _____ Extra Copies _____
 Initial Open Extra Recorder _____ Sub Total 0
 Initial Shut-In Day Standby _____ Total 2194.15
 Final Flow Accessibility _____ MP/DST Disc't _____
 Final Shut-In Sub Total 1874.15

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. 53229

4/10

Well Name & No. Glen Marcellus B 3-36 Test No. 2 Date 5/6/13
 Company American Warrior, Inc Elevation 2943 KB 2932 GL
 Address P.O. Box 599 Garden City, Ks
 Co. Rep / Geo. Keith Reavis Rig Duke #6
 Location: Sec. 36 Twp. 32s Rge. 35w Co. Stevens State Ks

Interval Tested 6034 6132 Zone Tested Chester Sand
 Anchor Length 98' Drill Pipe Run 5764 Mud Wt. 9.3
 Top Packer Depth 6029 Drill Collars Run 272 Vis 52
 Bottom Packer Depth 6034 Wt. Pipe Run 0 WL 6.4
 Total Depth 6132 Chlorides 1500 ppm System LCM 10[#]

Blow Description FF: 1/2" blow
IST: No return.
FF: No blow
FBI: No return.

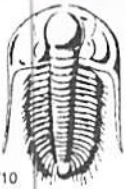
Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>MUD (OIL spots in fool)</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 20 BHT 138 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic <u>3025</u>	<input checked="" type="checkbox"/> Test <u>1450</u>	T-On Location <u>0609</u>
(B) First Initial Flow <u>27</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>0626</u>
(C) First Final Flow <u>46</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0846</u>
(D) Initial Shut-In <u>102</u>	<input checked="" type="checkbox"/> Circ Sub <u>n/c</u>	T-Pulled <u>01140</u>
(E) Second Initial Flow <u>61</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1426</u>
(F) Second Final Flow <u>45</u>	<input checked="" type="checkbox"/> Mileage <u>193 ft</u>	Comments <u>Shut/in and</u>
(G) Final Shut-In <u>97</u>	<input type="checkbox"/> Sampler	<u>plugging problems.</u>
(H) Final Hydrostatic <u>2975</u>	<input type="checkbox"/> Straddle	<u>pressures dont require retest</u>
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Initial Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1775</u>
Final Flow <u>20</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
Final Shut-In <u>60</u>	Sub Total <u>1775</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. 53230

4/10

Well Name & No. Glen Marcellus B 3-36 Test No. 3 Date 5/7/13
 Company American Warrior, Inc Elevation 2943 KB 2932 GL
 Address PO Box 399 Garden City, Ks
 Co. Rep / Geo. Keith Reavis Rig Duke #6
 Location: Sec. 36 Twp. 32s Rge. 35w Co. Stevens State Ks

Interval Tested 6034 6240-6290 Zone Tested St Louis
 Anchor Length 40 Drill Pipe Run 5955 Mud Wt. 9.2
 Top Packer Depth 6235 Drill Collars Run 272 Vis 54
 Bottom Packer Depth 6240 Wt. Pipe Run 0 WL 6.4
 Total Depth 6280 Chlorides 1500 ppm System LCM 8#
 Blow Description IF: Surface blow. died @ 22 min
IS: No Return
FF: No blow, Flushed tool
FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
10	MUD			100	

Rec Total 10 BHT 138 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>3083</u>	<input checked="" type="checkbox"/> Test <u>1450</u>	T-On Location <u>1015</u>
(B) First Initial Flow <u>26</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1056</u>
(C) First Final Flow <u>33</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1338</u>
(D) Initial Shut-In <u>63</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>1525</u>
(E) Second Initial Flow <u>45</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1827</u>
(F) Second Final Flow <u>39</u>	<input checked="" type="checkbox"/> Mileage <u>193 RT</u> <u>598.30</u>	Comments <u>P/O Tools 9:00 5/07/13</u>
(G) Final Shut-In <u>50</u>	<input type="checkbox"/> Sampler	<u>1 Night Hotel</u>
(H) Final Hydrostatic <u>2989</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>25 30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>20</u>	<input type="checkbox"/> Day Standby	Total <u>2373.30</u>
Final Shut-In <u>15</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>2373.30</u>	

Approved By

Our Representative

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.

ALLIED OIL & GAS SERVICES, LLC 053027

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Liberal KS

DATE <u>04-27-13</u>	SEC. <u>36</u>	TWP. <u>32S</u>	RANGE <u>35W</u>	CALLED OUT	ON LOCATION <u>12:30</u>	JOB START <u>4:00</u>	JOB FINISH <u>5:00 a.m</u>
Glen Marshall's LEASE		WELL # <u>B3-56</u>		LOCATION <u>N.E. Hugoton ks</u>		COUNTY <u>Stevens</u>	STATE <u>Ks.</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Duke # 6 OWNER American Warrior

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 1736 feet CEMENT

CASING SIZE 8 5/8 DEPTH 1729 feet AMOUNT ORDERED 425 sk "A" 3% CC, 2% NAMS, 2% Gp Seed, 1/4 blsk Flo Seed, 150 sk "C" 2% C.C.

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 1500 MINIMUM

MEAS. LINE SHOE JOINT 41.57

CEMENT LEFT IN CSG. 41.57

PERFS.

DISPLACEMENT 107.5 BBLs H2O

EQUIPMENT

PUMP TRUCK CEMENTER Ruben Chavez 2

#530/484 HELPER Cesar Pavia 4

BULK TRUCK

#470/528 DRIVER Jaime Torres 10

BULK TRUCK

#457/251 DRIVER Cederik 14

REMARKS:

Test lines at 2,500, pump 10 BBLs H2O - spacer. Mix + pump 575 sk of cement (2.66 BBLs slurry) and displace it with 107.5 BBLs H2O. Pump plug at 1200. Release pressure. Flow held circulate 30 BBLs to surface.

Thank you.

CHARGE TO: American Warrior

STREET _____

CITY _____ STATE _____ ZIP _____

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.

PRINTED NAME Emigdio Rojas

SIGNATURE Emigdio Rojas

CEMENT AMOUNT ORDERED 425 sk "A" 3% CC, 2% NAMS, 2% Gp Seed, 1/4 blsk Flo Seed, 150 sk "C" 2% C.C.

COMMON 425 sk "A" @ 17.90 7607.50

POZMIX @ _____

GEL @ _____

CHLORIDE 19 sk @ 64.00 1,216.00

ASC @ _____

Premium plus "C" 150 sk @ 24.40 3,660.00

NAMS 799 lb @ 3.30 2,636.70

Gp Seed 8 sk @ 37.60 300.80

FL SL - Flo Seed 10 blb @ 2.97 314.82

@ _____

@ _____

@ _____

HANDLING 629 cu ft @ 2.48 1,559.92

MILEAGE 52.7 Ton Mi. @ 2.60 1,370.20

TOTAL 18,665.94

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE 2,213.75

EXTRA FOOTAGE @ _____

MILEAGE heavy Veh. 20 @ 7.70 154.00

MANIFOLD + Cem. head 1 @ 275.00 275.00

Light Vehicle 20 Mi. @ 4.40 88.00

@ _____

TOTAL 2,730.75

PLUG & FLOAT EQUIPMENT

Weatherford

Guide Shoe 1 @ 460.98 460.98

AFU - Float Valve 1 @ 446.94 446.94

Centralizer 3 @ 74.88 224.64

Cement Basket 1 @ 559.26 559.26

Tap rubber plug 1 @ 131.04 131.04

TOTAL 1,822.86

SALES TAX (If Any) _____

TOTAL CHARGES 23,219.55

DISCOUNT _____ IF PAID IN 30 DAYS

NET = 18,575.64



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

TICKET
 No 24707

PAGE 1 OF 2

SERVICE LOCATIONS
 1. Ness City KS WELL/PROJECT NO. B3-36 LEASE Glen Marsellus COUNTY/PARISH Stevens STATE KS CITY Liberal DATE 9 MAY 13 OWNER
 2. TICKET TYPE SERVICE CONTRACTOR COKE RIG NAME/NO. 6 SHIPPED VIA CT DELIVERED TO location ORDER NO.
 3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE cement lining string WELL PERMIT NO. WELL LOCATION 36-32-36
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE	100		mi		6.00	600.00
578		1			Pump Charge					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	2 ea	285.00	570.00
406		1			Latch down plug & 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 [Signature]
 DATE SIGNED _____ TIME SIGNED _____
 A.M.
 P.M.

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 3950.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2 6944.88
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				sub total 10894.88
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Stevens TAX 6.3% 444.21
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL 11,339.09
<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 [Signature] APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 24707

CUSTOMER American Warrior
WELL Glen Marsellus 83-36
DATE 9 MAY 13
PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		TUM		UNIT PRICE	AMOUNT	
		LOC	ACCT	IDF									
330		1				SMD cement	250	sk			17.00	4250	00
276		1				flocele	75	lb			2.00	150	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	3	gal			42.00	126	00
581		1				SERVICE CHARGE	250				2.00	500	00
583		1				MILEAGE CHARGE	TOTAL WEIGHT 24477.5	LOADED MILES 100			1.00	1243	88
											TON MILES 1243.88		

CONTINUATION TOTAL 6944.88

JOB LOG

SWIFT Services, Inc.

DATE MAY 13 PAGE NO.

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
CUSTOMER American Warrior	WELL NO. B3-36	LEASE Glen Marsellos	JOB TYPE Cement log string	TICKET NO. 24707				
								20 sk SMD w/ 4 floc
								5 1/4" casing 5, 14, 17, 18
								Cement 3, 4, 6, 8, 10, 12, 14, 16, 18
								Cement Bskt 1, 10
0600								on loc TRK 114
0615								start 5 1/2" 17" casing in well
0900								Drop ball - circulate
0945		4 3/4	12			200		Pump 500 gal mud flush
		4 3/4	20			200		Pump 20 bbl KCh flush
0950			15					Plug RH - MH 30 sks - 20 sks
0956		4 3/4	18			200		Mix SMD cement 50 sks @ 12.7 ppm
		4 3/4	24			200		Mix SMD cement 100 sks @ 13.5 ppm
		4 3/4	14			200		Mix SMD cement 50 sks @ 14.5 ppm
			56 bbl					Drop latch down plug
								wash out pump & line
1005		6 3/4				200		Displace plug
		6 3/4	105			800		
1045		6 3/4	118			500		Land plug
								Release pressure to truck - deved up
1055								wash truck
								Rack up
1140								job complete
								Fluck
								Flat, Blaine, F Dave

OPERATOR

Company: American Warrior, Inc.
 Address: 3118 Cummings Rd.
 PO Box 399
 Garden City, KS 67846
 Contact Geologist: Kevin Wiles
 Contact Phone Nbr: 620-275-2963
 Well Name: Glen Marcellus B #3-36
 Location: Sec. 36 - T32S - R35W
 Pool: State: Kansas
 API: 15-189-22800-0000
 Field: Shuck Northwest
 Country: USA

Scale 1:240 Imperial

Well Name: Glen Marcellus B #3-36
 Surface Location: Sec. 36 - T32S - R35W
 Bottom Location:
 API: 15-189-22800-0000
 License Number: 4058
 Spud Date: 4/25/2013 Time: 00:00
 Region: Stevens County
 Drilling Completed: 5/8/2013 Time: 17:50
 Surface Coordinates: 1000' FNL & 340' FEL
 Bottom Hole Coordinates:
 Ground Elevation: 2932.00ft
 K.B. Elevation: 2943.00ft
 Logged Interval: 4200.00ft To: 6380.00ft
 Total Depth: 6380.00ft
 Formation: Mississippian
 Drilling Fluid Type: Chemical/Fresh Water Gel

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: Latitude:
 N/S Co-ord: 1000' FNL
 E/W Co-ord: 340' FEL

LOGGED BY

Keith Reavis
Consulting Geologist

Company: Keith Reavis, Inc.
 Address: 3420 22nd Street
 Great Bend, KS 67530
 Phone Nbr: 620-617-4091
 Logged By: KLG #136 Name: Keith Reavis

CONTRACTOR

Contractor: Duke Drilling Company
 Rig #: 6
 Rig Type: mud rotary
 Spud Date: 4/25/2013 Time: 00:00
 TD Date: 5/8/2013 Time: 17:50
 Rig Release: Time:

ELEVATIONS

K.B. Elevation: 2943.00ft Ground Elevation: 2932.00ft
 K.B. to Ground: 11.00ft

NOTES

Based upon DST #2 and DST #3, it was determined that this well would prove non-commercial. The operator elected to set pipe into the Marmaton and utilizing electrical logs and lithology, pick several zones to utilize for salt water disposal. The following intervals were recommended based on logs and samples: Marmaton 5010'-5030', Lansing/KC 4850'-4862', Lansing/KC 4336'-4350.

A Bloodhound gas detection system operated by Bluestem Environmental Engineering was employed on this well. ROP and gas data curves were imported from the Bloodhound into this log. The gamma ray and caliper curves from the electrical log data were also imported into this log. Actual electrical log tops were generally within a couple of ft. of formation tops picked off of ROP. The curves were not shifted to provide an exact match, but left as recorded in the field.

The samples were saved and will be available for review at Kansas Geological Survey Well Sample Library located in Wichita, KS.

Respectfully submitted,
 Keith Reavis

American Warrior

daily drilling report


DATE	7:00 AM DEPTH	REMARKS
04/30/2013		Geologist Keith Reavis on location @ 2000 hrs, 4297 ft., drilling ahead upper Lansing, check bloodhound
05/01/2013	4505	drilling ahead, Lansing
05/02/2013	4944	drilling ahead, Lansing, short trip @ 4960', resume drilling, Lansing, Marmaton
05/03/2013	5275	drilling ahead, Marmaton, Cherokee Group, Atokan
05/04/2013	5563	drilling ahead, Atokan, Morrow, upper Chester
05/05/2013	5997	drilling ahead, Chester, show in Chester Sand warrants test, short trip, ctch, TOH w/bit
05/06/2013	6132	TIH w/tools, conducting DST #1, DST #1 mis-run, packer failure, OOH w/tools, reset test interval, back in hole, conducting DST #2, successful test, back in hole w/bit, resume drilling St. Gen
05/07/2013	6271	drilling ahead, St. Gen, St. Louis, cfs @ 6280 ft., show and gas kick in St. Louis warrants test, TOH for DST #3, conduct and complete DST #3, successful test, TIH w/bit, resume drilling
05/08/2013	6380	rathole ahead St. Louis, TD @ 6380, 0625 hrs, conduct logging operations Complete Logging Operations 1805 hrs, geologist released

American Warrior

well comparison sheet

Formation	DRILLING WELL Glen Marcellus B 3-36 1000' FNL & 340' FEL Sec 36-T32S-R35W 2943 KB				COMPARISON WELL Mobil - Glen Marcellus B #1 1980' FNL & 660' FEL Sec 36-T32S-R35W 2949 KB				COMPARISON WELL Mobil - Glen Marcellus B #2 660' FNL & 1980' FEL Sec 36-T32S-R35W 2950 KB			
	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Lansing	4186	-1243	4185	-1242	4205	-1256	13	14	4195	-1245	2	3
Lansing	4319	-1376	4313	-1370	4338	-1389	13	19	4326	-1376	0	6
Swope	4853	-1910	4850	-1907	4884	-1935	25	28	4874	-1924	14	17
Marmaton	4985	-2042	4987	-2044	5022	-2073	31	29	5000	-2050	8	6
Cherokee	5204	-2261	5200	-2257	5230	-2281	20	24	5204	-2254	-7	-3
Atokan	5444	-2501	5442	-2499	5472	-2523	22	24	5454	-2504	3	5
Morrow	5604	-2661	5602	-2659	5628	-2679	18	20	5615	-2665	4	6
Morrow LS	5807	-2864	5804	-2861	5839	-2890	26	29	5822	-2872	8	11
Chester B	5918	-2975	5916	-2973	5956	-3007	32	34	5935	-2985	10	12
Chester Sand	6096	-3153	6093	-3150	6134	-3185	32	35	6120	-3170	17	20
St. Gen	6123	-3180	6126	-3183	6167	-3218	38	35	6173	-3223	43	40
St. Louis B	6258	-3315	6256	-3313	6272	-3323	8	10	6260	-3310	-5	-3
Total Depth	6380	-3437	6379	-3436	6514	-3565	128	129	6400	-3450	13	14

Drill Stem Test #2

	DRILL STEM TEST REPORT	
	American Warrior, Inc	36 32s 35w, Ks
	P.O. Box 399 Garden City, Ks 67846	Glen Marcellus B3-36
ATTN: Keith Reavis	Job Ticket: 53229	DST#: 2
	Test Start: 2013.05.06 @ 06:26:05	

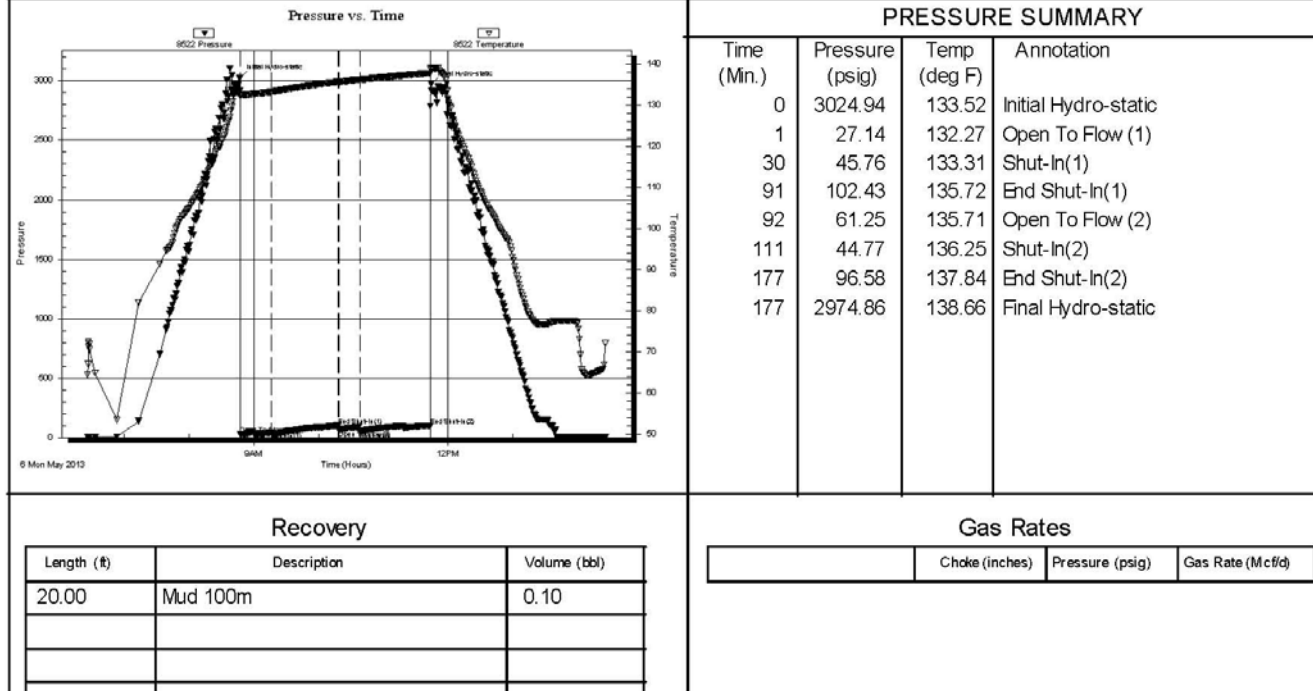
GENERAL INFORMATION:

Formation: **Chester Sand**
 Deviated: No Whipstock ft (KB)
 Time Tool Opened: 08:47:30
 Time Test Ended: 14:25:59
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 53

Interval: **6034.00 ft (KB) To 6132.00 ft (KB) (TVD)**
 Reference Elevations: 2943.00 ft (KB)
 Total Depth: 6132.00 ft (KB) (TVD)
 2932.00 ft (CF)
 Hole Diameter: 7.88 inches-Hole Condition: Good
 KB to GR/CF: 11.00 ft


Serial #: **8522** Outside
 Press@RunDepth: 44.77 psig @ 6035.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.05.06 End Date: 2013.05.06 Last Calib.: 2013.05.06
 Start Time: 06:26:05 End Time: 14:25:59 Time On Btm: 2013.05.06 @ 08:47:15
 Time Off Btm: 2013.05.06 @ 11:44:15

TEST COMMENT: IF: 1/2" blow.
 IS: No return.
 FS: No return.
 FSI: No return.



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* Recovery from multiple tests



DRILL STEM TEST REPORT

American Warrior, Inc
 36 32s 35w, Ks
Glen Marcellus B3-36
 P.O. Box 399
 Garden City, Ks 67846
 Job Ticket: 53230 **DST#: 3**
 ATTN: Keith Reavis
 Test Start: 2013.05.07 @ 10:56:00

GENERAL INFORMATION:

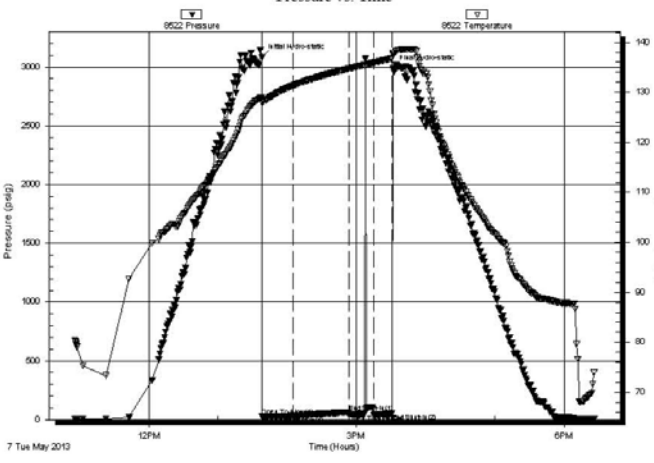
Formation: **St Louis**
 Deviated: No Whipstock ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 13:38:15
 Tester: Bradley Walter
 Time Test Ended: 18:26:30
 Unit No: 53

Interval: 6240.00 ft (KB) To 6280.00 ft (KB) (TVD)
 Reference Elevations: 2943.00 ft (KB)
 Total Depth: 6280.00 ft (KB) (TVD)
 2932.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 11.00 ft

Serial #: 8522 Outside

Press@RunDepth: 39.17 psig @ 6241.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2013.05.07	Last Callb.: 2013.05.07
Start Time: 10:56:05	End Date: 18:26:29
	Time On Btm: 2013.05.07 @ 13:38:00
	Time Off Btm: 2013.05.07 @ 15:31:30

TEST COMMENT: IF: Surface blow, died @ 22 min.
 IS: No return.
 FF: No blow, flushed tool no help.
 FSI: No return



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3083.35	129.05	Initial Hydro-static
1	26.32	127.94	Open To Flow (1)
28	32.97	131.36	Shut-In(1)
76	62.77	134.74	End Shut-In(1)
76	44.73	134.75	Open To Flow (2)
97	39.17	135.94	Shut-In(2)
113	50.30	136.77	End Shut-In(2)
114	2988.40	137.82	Final Hydro-static

Length (ft)	Description	Volume (bbl)
10.00	Mud 100m	0.05

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

* Recovery from multiple tests

ROCK TYPES

Congl	sdylmst	shale, grn	shale, red
Dolprim	Lmst fw<7	shale, gry	Ss
Dolsec	Lmst fw7>	Carbon Sh	

ACCESSORIES

MINERAL - Argillaceous □ Breccia, fragment ⊥ Calcareous ▲ Chert, dark ∩ Glauconite ⊥ Nodules P Pyrite * Sandy ** Silty △ Chert White	FOSSIL ∩ Bioclastic or Fragmental F Fossils < 20% ∅ Oolite ∩ Pellets ∩ Oomoldic	STRINGER Dolomite Limestone Sandstone Siltstone Shale green shale carb shale	TEXTURE C Chalky L Lithogr
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OTHER SYMBOLS

DST

- DST Int
- DST alt
- Core
- tail pipe

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)

Curve Track #1

ROP (min/ft) —

Gamma (API) —

Cal (in) —

Depth | Intervals

DST

Lithology

Oil Show

Geological Descriptions

TG, C1 - C5

Total Gas (units) —

C1 (units) —

C2 (units) —

C3 (units) —

C4 (units) —

1:240 Imperial

ROP (min/ft) 0 10
 Gamma (API) 0 150
 Cal (in) 6 16

0 4000
 6 4020
 4040
 4060
 4080
 4100
 4120
 4140
 4160
 4180
 4200
 4220
 4240
 4260
 4280

reset depth

Heebner Shale 4186 -1243
 shale, black carbonaceous

begin 10 ft wet and dry samples @ 4200'

limestone, white to light gray, fine grainy bioclastic, chalky, friable, poor visible porosity, no shows, some chalk, bright green mineral fluorescence

shale, gray to green, silty to micaceous, with scattered micaceous siltstone, limestones, gray to tan and cream, micro-cryptocrystalline, fossiliferous to pelletal and oolitic, mostly dense, no shows

as above, influx limestone, gray to brown, microcrystalline, fossiliferous, with large clasts

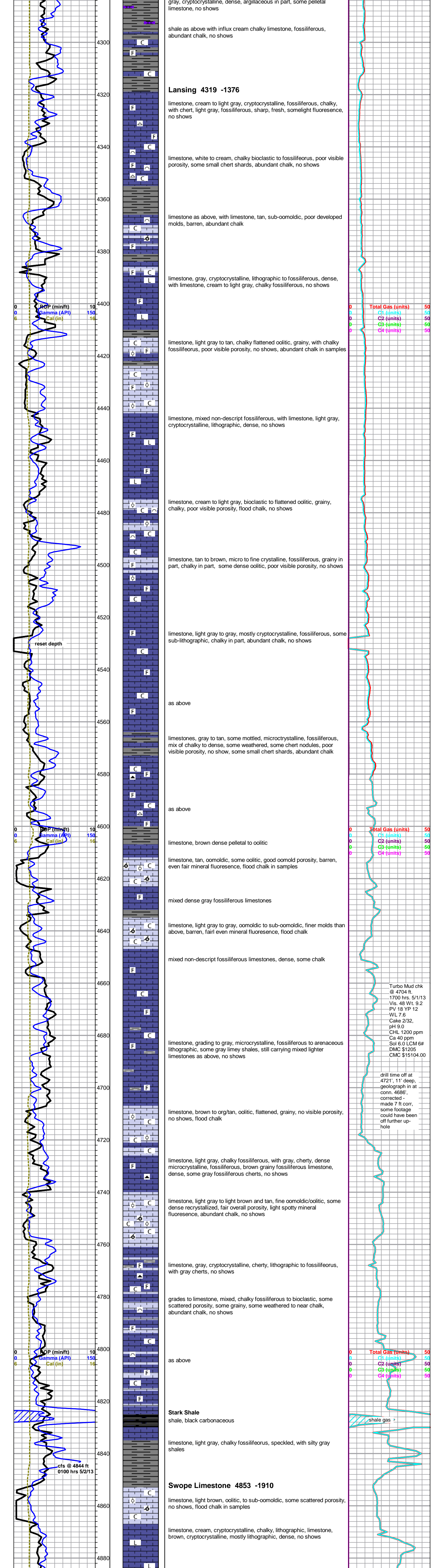
grades to mostly gray shale, silty, dense, limey, with limestone, dark

Turbo Mud chk @ 4197 ft.
 1120 hrs. 4/30/13
 Vis. 41 Wt. 9.0
 PV 17 YP 10
 WL 7.6
 Cake 2/32,
 pH 10.5
 CHL 1500 ppm
 Ca 40 ppm
 Sol 5.0 LCM 6#
 DMC \$1762
 CMC \$13899.00

shale gas

1:240 Imperial

Total Gas (units) 50
 C1 (units) 50
 C2 (units) 50
 C3 (units) 50
 C4 (units) 50



gray, cryptocrystalline, dense, argillaceous in part, some pelletal limestone, no shows

shale as above with influx cream chalky limestone, fossiliferous, abundant chalk, no shows

Lansing 4319 -1376

limestone, cream to light gray, cryptocrystalline, fossiliferous, chalky, with chert, light gray, fossiliferous, sharp, fresh, somelight fluorescence, no shows

limestone, white to cream, chalky bioclastic to fossiliferous, poor visible porosity, some small chert shards, abundant chalk, no shows

limestone as above, with limestone, tan, sub-oomoldic, poor developed molds, barren, abundant chalk

limestone, gray, cryptocrystalline, lithographic to fossiliferous, dense, with limestone, cream to light gray, chalky fossiliferous, no shows

limestone, light gray to tan, chalky flattened oolitic, grainy, with chalky fossiliferous, poor visible porosity, no shows, abundant chalk in samples

limestone, mixed non-descript fossiliferous, with limestone, light gray, cryptocrystalline, lithographic, dense, no shows

limestone, cream to light gray, bioclastic to flattened oolitic, grainy, chalky, poor visible porosity, flood chalk, no shows

limestone, tan to brown, micro to fine crystalline, fossiliferous, grainy in part, chalky in part, some dense oolitic, poor visible porosity, no shows

limestone, light gray to gray, mostly cryptocrystalline, fossiliferous, some sub-lithographic, chalky in part, abundant chalk, no shows

as above

limestones, gray to tan, some mottled, microcrystalline, fossiliferous, mix of chalky to dense, some weathered, some chert nodules, poor visible porosity, no show, some small chert shards, abundant chalk

as above

limestone, brown dense pelletal to oolitic

limestone, tan, oomoldic, some oolitic, good oomold porosity, barren, even fair mineral fluorescence, flood chalk in samples

mixed dense gray fossiliferous limestones

limestone, light gray to gray, oomoldic to sub-oomoldic, finer molds than above, barren, fair even mineral fluorescence, flood chalk

mixed non-descript fossiliferous limestones, dense, some chalk

limestone, grading to gray, microcrystalline, fossiliferous to arenaceous lithographic, some gray limy shales, still carrying mixed lighter limestones as above, no shows

limestone, brown to org/tan, oolitic, flattened, grainy, no visible porosity, no shows, flood chalk

limestone, light gray, chalky fossiliferous, with gray, cherty, dense microcrystalline, fossiliferous, brown grainy fossiliferous limestone, dense, some gray fossiliferous cherts, no shows

limestone, light gray to light brown and tan, fine oomoldic/oolitic, some dense recrystallized, fair overall porosity, light spotty mineral fluorescence, abundant chalk, no shows

limestone, gray, cryptocrystalline, cherty, lithographic to fossiliferous, with gray cherts, no shows

grades to limestone, mixed, chalky fossiliferous to bioclastic, some scattered porosity, some grainy, some weathered to near chalk, abundant chalk, no shows

as above

Stark Shale

shale, black carbonaceous

limestone, light gray, chalky fossiliferous, speckled, with silty gray shales

Swope Limestone 4853 -1910

limestone, light brown, oolitic, to sub-oomoldic, some scattered porosity, no shows, flood chalk in samples

limestone, cream, cryptocrystalline, chalky, lithographic, limestone, brown, cryptocrystalline, mostly lithographic, dense, no shows

0	Total Gas (units)	50
0	C1 (units)	50
0	C2 (units)	50
0	C3 (units)	50
0	C4 (units)	50

0	Total Gas (units)	50
0	C1 (units)	50
0	C2 (units)	50
0	C3 (units)	50
0	C4 (units)	50

Turbo Mud chk @ 4704 ft
 1700 hrs. 5/1/13
 Vis. 48 Wt. 9.2
 PV 18 YP 12
 WL 7.6
 Cake 2/32,
 pH 9.0
 CHL 1200 ppm
 Ca 40 ppm
 Sol 6.0 LCM 6#
 DMC \$1205
 CMC \$15104.00

drill time off at 4721', 11' deep, geolograph in at conn. 4686', corrected - made 7 ft corr, some footage could have been off further up-hole

0	Total Gas (units)	50
0	C1 (units)	50
0	C2 (units)	50
0	C3 (units)	50
0	C4 (units)	50

shale gas >

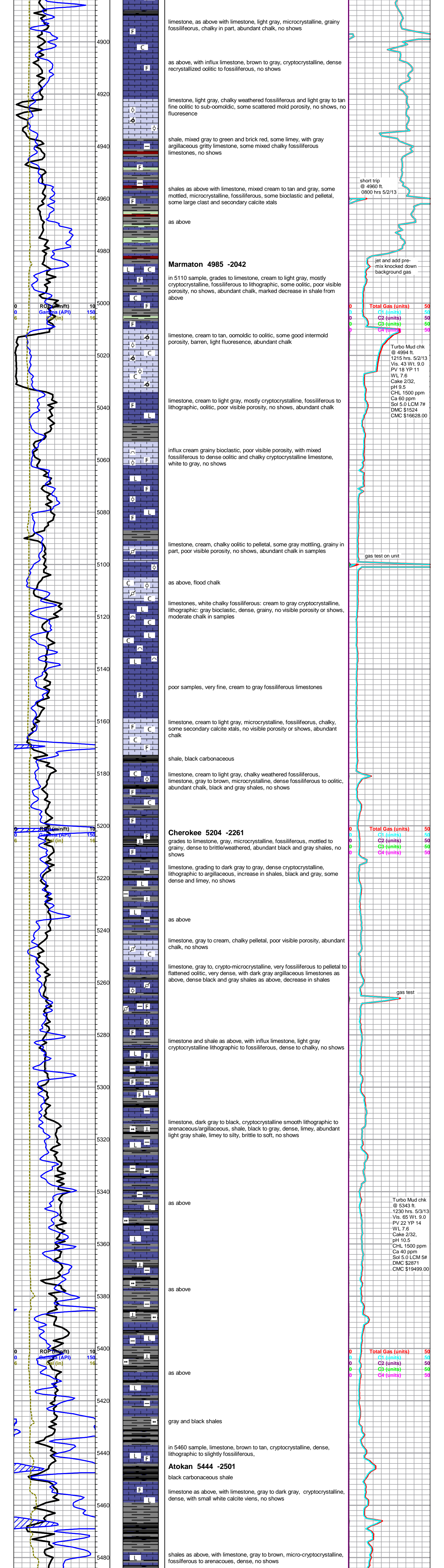
ROP (min/ft)
 Gamma (API)
 Cal (in)

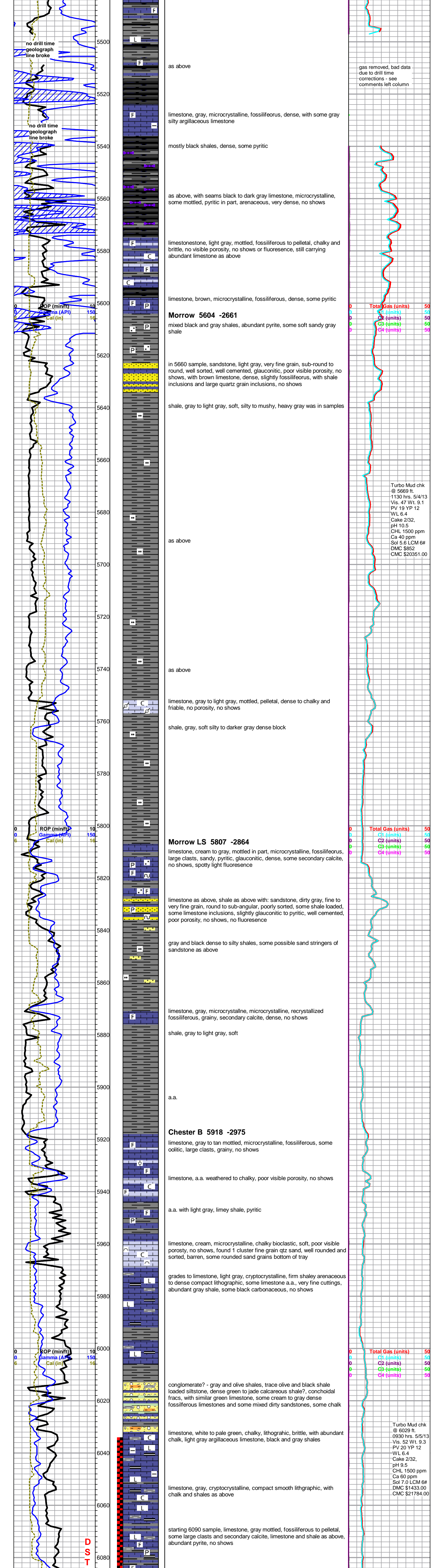
ROP (min/ft)
 Gamma (API)
 Cal (in)

ROP (min/ft)
 Gamma (API)
 Cal (in)

cfs @ 4844 ft
 0100 hrs 5/2/13

reset depth





no drill time
geolograph
line broke

no drill time
geolograph
line broke

ROP (min/ft)
Gamma (API)
Cal (in)

ROP (min/ft)
Gamma (API)
Cal (in)

ROP (min/ft)
Gamma (API)
Cal (in)

DUST

as above

limestone, gray, microcrystalline, fossiliferous, dense, with some gray silty argillaceous limestone

mostly black shales, dense, some pyritic

as above, with seams black to dark gray limestone, microcrystalline, some mottled, pyritic in part, arenaceous, very dense, no shows

limestone, light gray, mottled, fossiliferous to pelletal, chalky and brittle, no visible porosity, no shows or fluorescence, still carrying abundant limestone as above

limestone, brown, microcrystalline, fossiliferous, dense, some pyritic

Morrow 5604 -2661

mixed black and gray shales, abundant pyrite, some soft sandy gray shale

in 5660 sample, sandstone, light gray, very fine grain, sub-round to round, well sorted, well cemented, glauconitic, poor visible porosity, no shows, with brown limestone, dense, slightly fossiliferous, with shale inclusions and large quartz grain inclusions, no shows

shale, gray to light gray, soft, silty to mushy, heavy gray was in samples

as above

as above

limestone, gray to light gray, mottled, pelletal, dense to chalky and friable, no porosity, no shows

shale, gray, soft silty to darker gray dense block

Morrow LS 5807 -2864

limestone, cream to gray, mottled in part, microcrystalline, fossiliferous, large clasts, sandy, pyritic, glauconitic, dense, some secondary calcite, no shows, spotty light fluorescence

limestone as above, shale as above with: sandstone, dirty gray, fine to very fine grain, round to sub-angular, poorly sorted, some shale loaded, some limestone inclusions, slightly glauconitic to pyritic, well cemented, poor porosity, no shows, no fluorescence

gray and black dense to silty shales, some possible sand stringers of sandstone as above

limestone, gray, microcrystalline, microcrystalline, recrystallized fossiliferous, grainy, secondary calcite, dense, no shows

shale, gray to light gray, soft

a.a.

Chester B 5918 -2975

limestone, gray to tan mottled, microcrystalline, fossiliferous, some oolitic, large clasts, grainy, no shows

limestone, a.a. weathered to chalky, poor visible porosity, no shows

a.a. with light gray, limey shale, pyritic

limestone, cream, microcrystalline, chalky bioclastic, soft, poor visible porosity, no shows, found 1 cluster fine grain qtz sand, well rounded and sorted, barren, some rounded sand grains bottom of tray

grades to limestone, light gray, cryptocrystalline, firm shaley arenaceous to dense compact lithographic, some limestone a.a., very fine cuttings, abundant gray shale, some black carbonaceous, no shows

conglomerate? - gray and olive shales, trace olive and black shale loaded siltstone, dense green to jade calcareous shale?, conchoidal frags, with similar green limestone, some cream to gray dense fossiliferous limestones and some mixed dirty sandstones, some chalk

limestone, white to pale green, chalky, lithographic, brittle, with abundant chalk, light gray argillaceous limestone, black and gray shales

limestone, gray, cryptocrystalline, compact smooth lithographic, with chalk and shales as above

starting 6090 sample, limestone, gray mottled, fossiliferous to pelletal, some large clasts and secondary calcite, limestone and shale as above, abundant pyrite, no shows

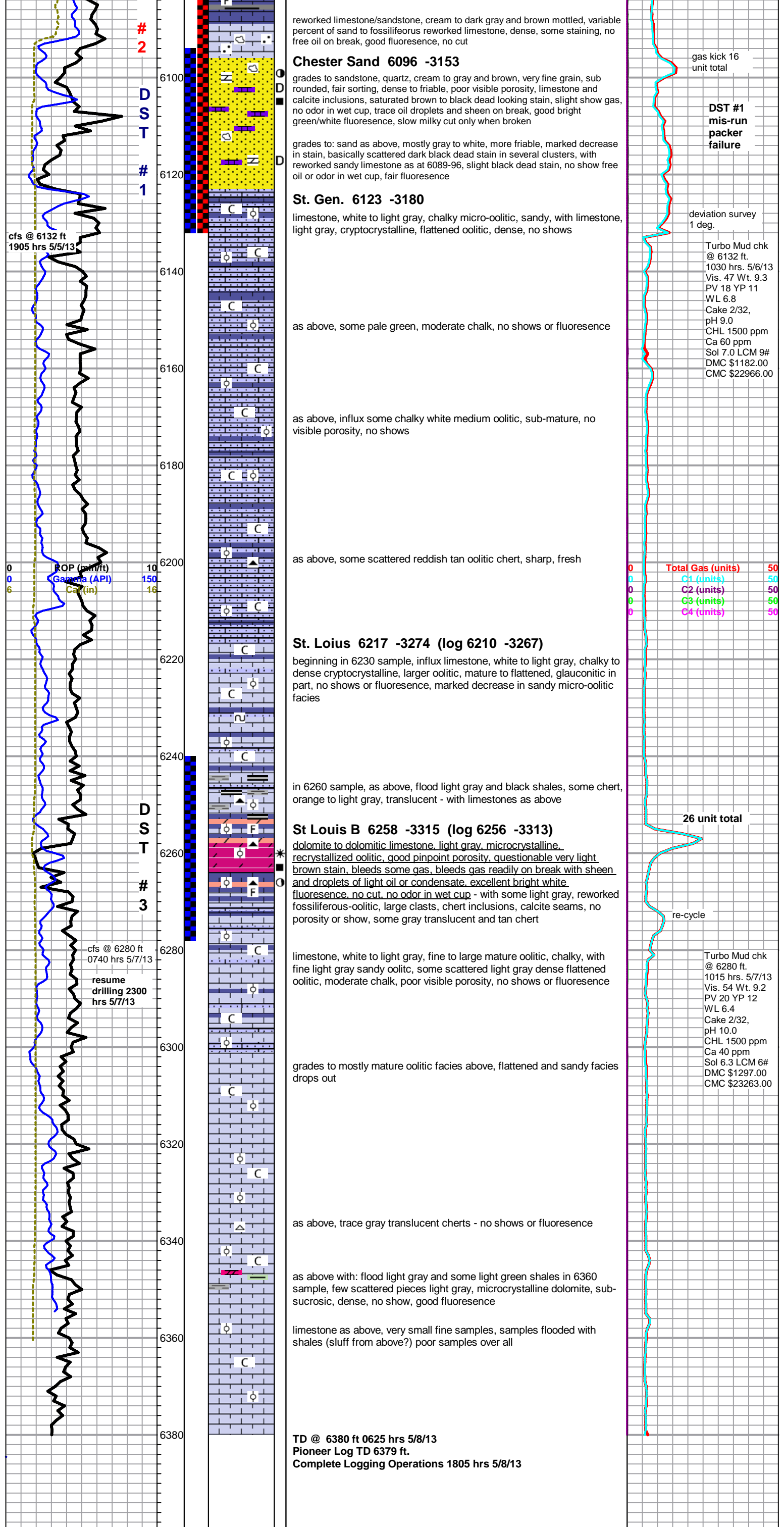
gas removed, bad data due to drill time corrections - see comments left column

Total Gas (units) 50
C1 (units) 50
C2 (units) 50
C3 (units) 50
C4 (units) 50

Turbo Mud chk @ 5669 ft.
1130 hrs. 5/4/13
Vis. 47 Wt. 9.1
PV 19 YP 12
WL 6.4
Cake 2/32,
pH 10.5
CHL 1500 ppm
Ca 40 ppm
Sol 5.6 LCM 6#
DMC \$852
CMC \$20351.00

Total Gas (units) 50
C1 (units) 50
C2 (units) 50
C3 (units) 50
C4 (units) 50

Turbo Mud chk @ 6029 ft.
0930 hrs. 5/5/13
Vis. 52 Wt. 9.3
PV 20 YP 12
WL 6.4
Cake 2/32,
pH 9.5
CHL 1500 ppm
Ca 60 ppm
Sol 7.0 LCM 6#
DMC \$1433.00
CMC \$21784.00



reworked limestone/sandstone, cream to dark gray and brown mottled, variable percent of sand to fossiliferous reworked limestone, dense, some staining, no free oil on break, good fluorescence, no cut

Chester Sand 6096 -3153

grades to sandstone, quartz, cream to gray and brown, very fine grain, sub rounded, fair sorting, dense to friable, poor visible porosity, limestone and calcite inclusions, saturated brown to black dead looking stain, slight show gas, no odor in wet cup, trace oil droplets and sheen on break, good bright green/white fluorescence, slow milky cut only when broken

grades to: sand as above, mostly gray to white, more friable, marked decrease in stain, basically scattered dark black dead stain in several clusters, with reworked sandy limestone as at 6089-96, slight black dead stain, no show free oil or odor in wet cup, fair fluorescence

St. Gen. 6123 -3180

limestone, white to light gray, chalky micro-oolitic, sandy, with limestone, light gray, cryptocrystalline, flattened oolitic, dense, no shows

as above, some pale green, moderate chalk, no shows or fluorescence

as above, influx some chalky white medium oolitic, sub-mature, no visible porosity, no shows

as above, some scattered reddish tan oolitic chert, sharp, fresh

St. Louis 6217 -3274 (log 6210 -3267)

beginning in 6230 sample, influx limestone, white to light gray, chalky to dense cryptocrystalline, larger oolitic, mature to flattened, glauconitic in part, no shows or fluorescence, marked decrease in sandy micro-oolitic facies

in 6260 sample, as above, flood light gray and black shales, some chert, orange to light gray, translucent - with limestones as above

St Louis B 6258 -3315 (log 6256 -3313)

dolomite to dolomitic limestone, light gray, microcrystalline, recrystallized oolitic, good pinpoint porosity, questionable very light brown stain, bleeds some gas, bleeds gas readily on break with sheen and droplets of light oil or condensate, excellent bright white fluorescence, no cut, no odor in wet cup - with some light gray, reworked fossiliferous-oolitic, large clasts, chert inclusions, calcite seams, no porosity or show, some gray translucent and tan chert

limestone, white to light gray, fine to large mature oolitic, chalky, with fine light gray sandy oolitic, some scattered light gray dense flattened oolitic, moderate chalk, poor visible porosity, no shows or fluorescence

grades to mostly mature oolitic facies above, flattened and sandy facies drops out

as above, trace gray translucent cherts - no shows or fluorescence

as above with: flood light gray and some light green shales in 6360 sample, few scattered pieces light gray, microcrystalline dolomite, sub-sucrosic, dense, no show, good fluorescence

limestone as above, very small fine samples, samples flooded with shales (sluff from above?) poor samples over all

TD @ 6380 ft 0625 hrs 5/8/13
Pioneer Log TD 6379 ft.
Complete Logging Operations 1805 hrs 5/8/13

gas kick 16 unit total

DST #1 mis-run packer failure

deviation survey 1 deg.

Turbo Mud chk @ 6132 ft. 1030 hrs. 5/6/13 Vis. 47 Wt. 9.3 PV 18 YP 11 WL 6.8 Cake 2/32, pH 9.0 CHL 1500 ppm Ca 60 ppm Sol 7.0 LCM 9# DMC \$1182.00 CMC \$22966.00

Total Gas (units)	50
C1 (units)	50
C2 (units)	50
C3 (units)	50
C4 (units)	50

26 unit total

re-cycle

Turbo Mud chk @ 6280 ft. 1015 hrs. 5/7/13 Vis. 54 Wt. 9.2 PV 20 YP 12 WL 6.4 Cake 2/32, pH 10.0 CHL 1500 ppm Ca 40 ppm Sol 6.3 LCM 6# DMC \$1297.00 CMC \$23263.00

cfs @ 6132 ft 1905 hrs 5/5/13

ROP (min/ft) 10
 Gamma (API) 150
 Csg (in) 16

DST # 3

cfs @ 6280 ft 0740 hrs 5/7/13
 resume drilling 2300 hrs 5/7/13

2
DST # 1