



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1212191
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: _____

1212191

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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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	Handy 7-29
Doc ID	1212191

Tops

Name	Top	Datum
Heebner	4391'	-1661
Toronto	4419'	-1689
Lansing	4556'	-1826
Marmaton	5239'	-2509
Morrow	5774'	-3044
Chester	5918	-3188
St.Gen	6213'	-3483
St.Louis	6335'	-3605



BASICSM
ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer <u>Palmer Oil/American Warrior</u>		Lease No.		Date <u>6-14-14</u>	
Lease <u>Handy</u>		Well # <u>7-29</u>		Service Receipt	
Casing <u>5 1/2 15.5#</u>	Depth <u>6499'</u>	County <u>Seward</u>	State <u>KS</u>		
Job Type <u>7-41</u>	Formation	Legal Description <u>29-34-31</u>			
Pipe Data			Perforating Data		Cement Data
Casing size <u>5 1/2 15.5#</u>	Tubing Size	Shots/Ft		Lead <u>4005x @ 14.8 PPG</u>	
Depth <u>6499'</u>	Depth	From	To	Sr. W-60, 10x Salt,	
Volume <u>154 bbl</u>	Volume	From	To	6x. C-15, 1/4# Defoamer,	
Max Press	Max Press	From	To	5x. Gilsomite	
Well Connection	Annulus Vol.	From	To	AA2 Cement	
Plug Depth <u>6478'</u>	Packer Depth	From	To	Tail in	
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0900					On location - Rig up
1300					Safety Meeting
1328	2500				Pressure Test
1330			8	3	Plug Rat Hole 30 ox @ 14.8 PPG
1332			5	3	Plug Mouse Hole 20 ox @ 14.8 PPG
1334	200		20	5	Pump Stoploss
1339	200		94	5	Pump 350 ox @ 14.8 PPG
1400					Drop Plug - Wash up
1405	0			5	Start Displacement
1430	600		135	2	Slow Rate
1440	1200		154	2	Bump Plug
1445	0				Release Pressure - float Hedd
					Shut Down Rig Down
Service Units	<u>78940</u>	<u>38750</u> <u>19842</u>	<u>14354</u> <u>19528</u>		
Driver Names	<u>Ruben</u>	<u>Carlos</u>	<u>Edgar</u>		

Joe Smith
Customer Representative

Jerry Bendett
Station Manager

Ruben Martinez
Cementer



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: Wyatt Urban

Handy #7-29

29-34s-31w Seward,KS.

Start Date: 2014.06.03 @ 07:14:00

End Date: 2014.06.03 @ 14:35:54

Job Ticket #: 57218 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.06.12 @ 13:18:42



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc.
 PO Box 399
 Garden City KS 67846
 ATTN: Wyatt Urban

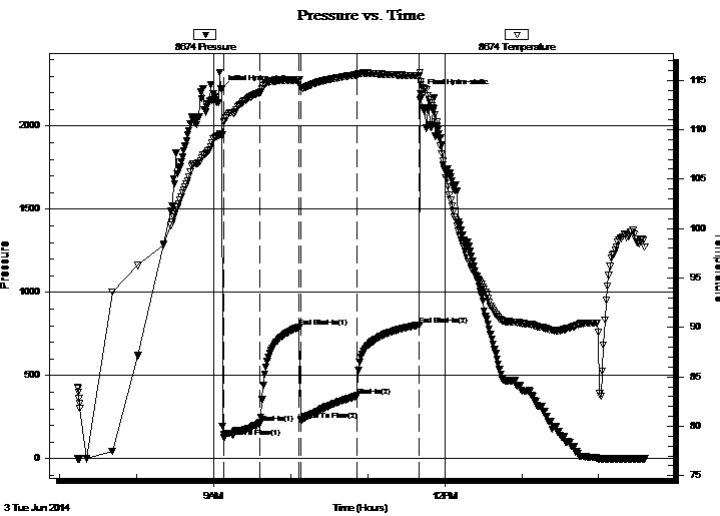
29-34s-31w Seward,KS.
Handy #7-29
 Job Ticket: 57218 **DST#: 1**
 Test Start: 2014.06.03 @ 07:14:00

GENERAL INFORMATION:

Formation: **Toronto**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:08:10
 Time Test Ended: 14:35:54
 Interval: **4390.00 ft (KB) To 4447.00 ft (KB) (TVD)**
 Total Depth: 4447.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Will MacLean
 Unit No: 72
 Reference Elevations: 2735.00 ft (KB)
 2722.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8674 Inside
 Press@RunDepth: 378.37 psig @ 4391.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.03 End Date: 2014.06.03 Last Calib.: 2014.06.03
 Start Time: 07:14:00 End Time: 14:35:54 Time On Btm: 2014.06.03 @ 09:06:10
 Time Off Btm: 2014.06.03 @ 11:41:09

TEST COMMENT: IF- Surface Blow Built to BOB in 45 sec Gas to Surface in 18 min TSTM
 IS- Weak Surface Blow Built to BOB in 4 min Died Back to 8"
 FF- Surface Blow Built to BOB in 1 min
 FS- Weak Surface Blow Built to BOB in 2 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2222.39	109.45	Initial Hydro-static
2	126.31	110.82	Open To Flow (1)
30	215.54	113.76	Shut-In(1)
61	792.02	115.02	End Shut-In(1)
62	229.85	114.26	Open To Flow (2)
106	378.37	115.56	Shut-In(2)
154	805.07	115.45	End Shut-In(2)
155	2193.75	114.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
243.00	OGMCW 3%oil 4%g 9%m 84%w	1.77
189.00	MWOCG 4%m 21%w 30%oil 45%g	2.65
63.00	MGWCO 7%m 10%g 18%w 65%oil	0.88
378.00	GOWCM 8%g 12%oil 24%w 56%m	5.30
10.00	OGCM 8%oil 14%g 78%m	0.14
0.00	GTS	0.00

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: Wyatt Urban

29-34s-31w Seward,KS.
Handy #7-29
Job Ticket: 57218 **DST#: 1**
Test Start: 2014.06.03 @ 07:14:00

Tool Information

Drill Pipe:	Length: 4199.00 ft	Diameter: 3.80 inches	Volume: 58.90 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	28000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose:	12000.00 lb
			<u>Total Volume: 59.79 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4390.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	57.00 ft				
Tool Length:	84.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4364.00	
Shut In Tool	5.00			4369.00	
Hydraulic tool	5.00			4374.00	
Jars	5.00			4379.00	
Safety Joint	2.00			4381.00	
Packer	5.00			4386.00	27.00 Bottom Of Top Packer
Packer	4.00			4390.00	
Stubb	1.00			4391.00	
Recorder	0.00	8355	Outside	4391.00	
Recorder	0.00	8674	Inside	4391.00	
Perforations	18.00			4409.00	
Change Over Sub	1.00			4410.00	
Drill Pipe	31.00			4441.00	
Change Over Sub	1.00			4442.00	
Bullnose	5.00			4447.00	57.00 Bottom Packers & Anchor

Total Tool Length: 84.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.
PO Box 399
Garden City KS 67846
ATTN: Wyatt Urban

29-34s-31w Seward,KS.
Handy #7-29
Job Ticket: 57218 **DST#: 1**
Test Start: 2014.06.03 @ 07:14:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	18100 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.07 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

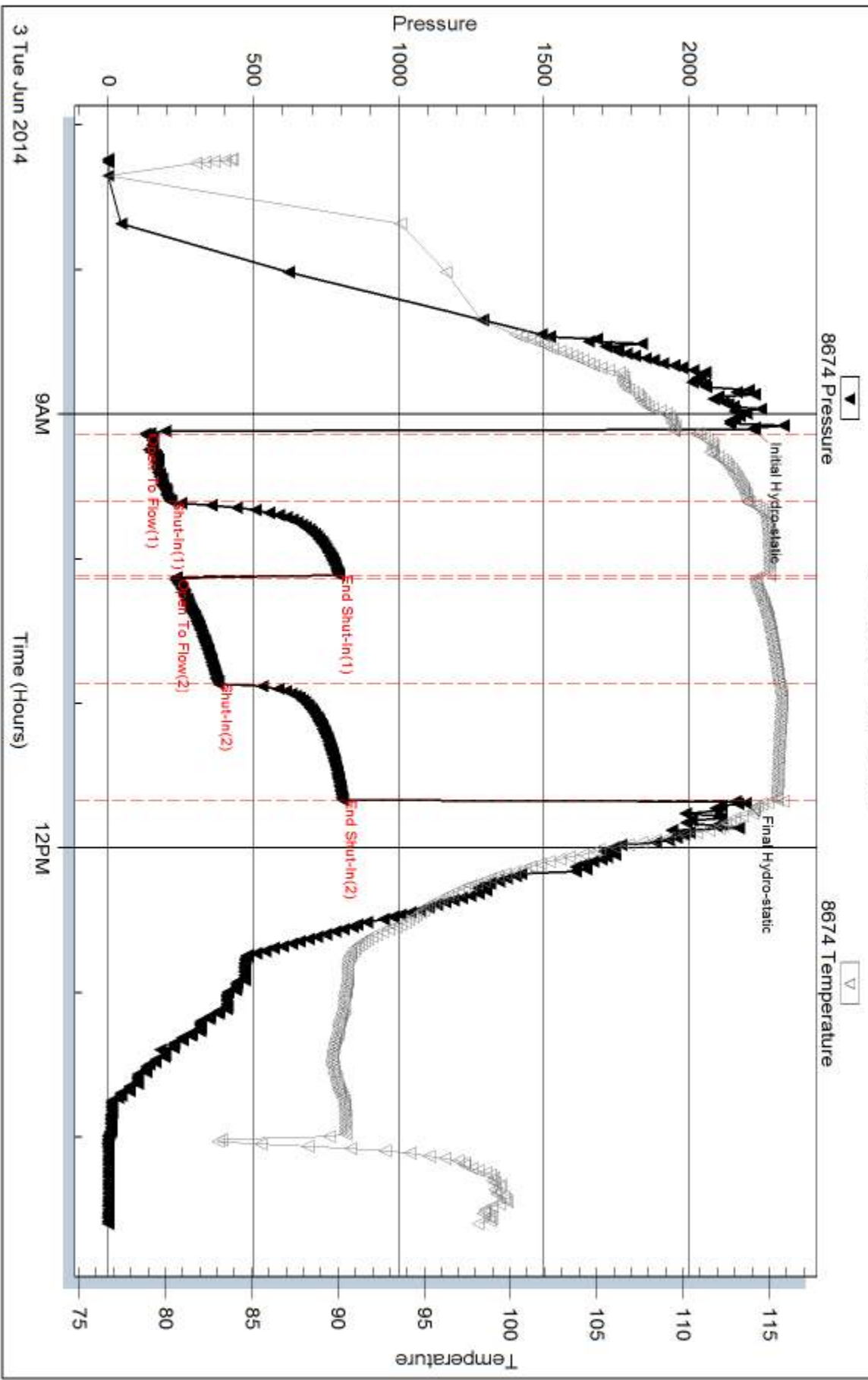
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
243.00	OGMCW 3%oil 4%g 9%m 84%w	1.769
189.00	MWOCG 4%m 21%w 30%oil 45%g	2.651
63.00	MGWCO 7%m 10%g 18%w 65%oil	0.884
378.00	GOWCM 8%g 12%oil 24%w 56%m	5.302
10.00	OGCM 8%oil 14%g 78%m	0.140
0.00	GTS	0.000

Total Length: 883.00 ft Total Volume: 10.746 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW is .274 @ 89f = 18100

Pressure vs. Time

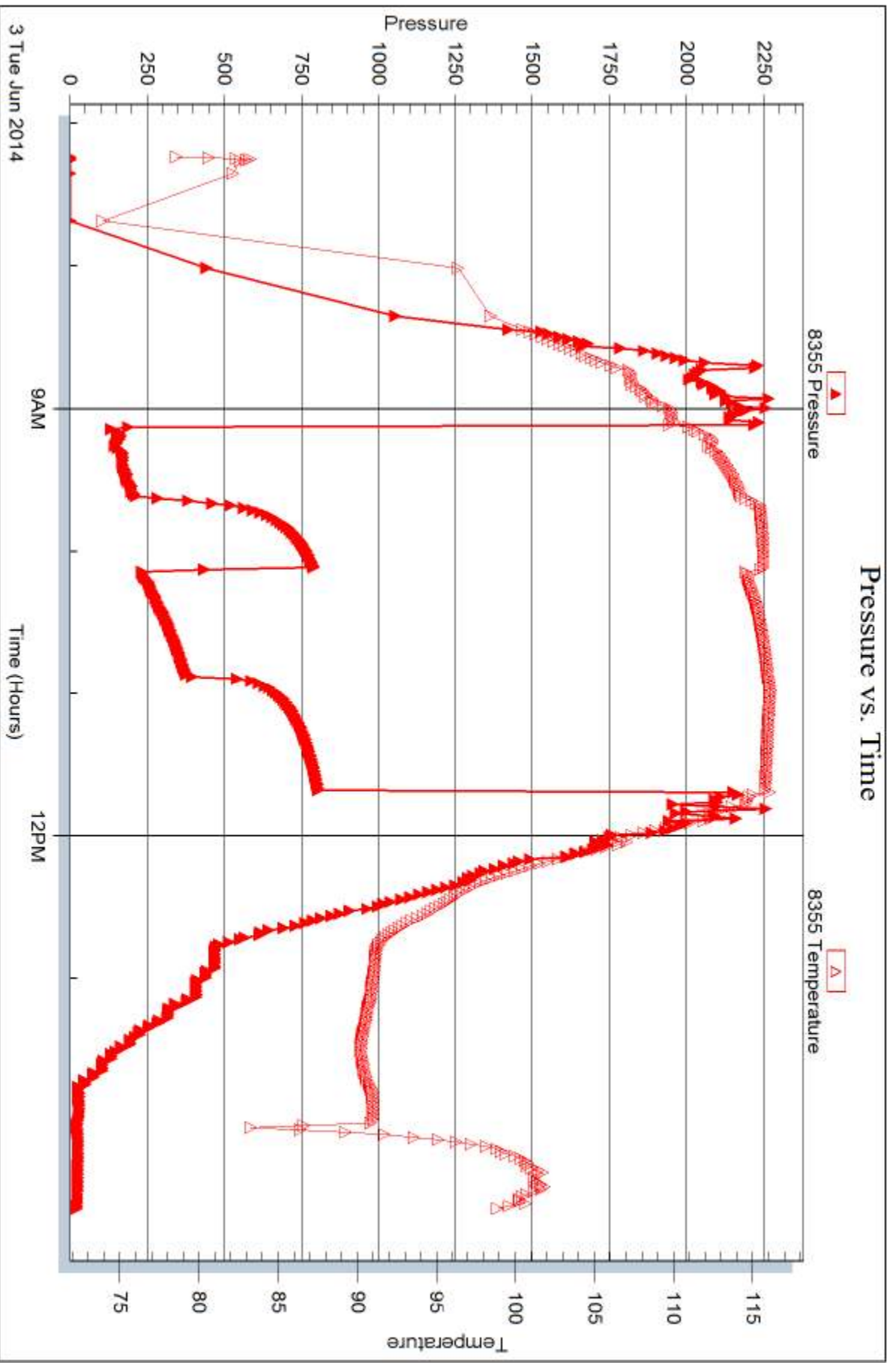


Serial #: 8355

Outside American Warrior Inc.

Handy #7-29

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 57218

Printed: 2014.06.12 @ 13:18:44



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: Wyatt Urban

Handy #7-29

29-34s-31w Seward,KS.

Start Date: 2014.06.06 @ 08:30:00

End Date: 2014.06.06 @ 22:31:55

Job Ticket #: 57219 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.06.12 @ 13:18:22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc.
PO Box 399
Garden City KS 67846
ATTN: Wyatt Urban

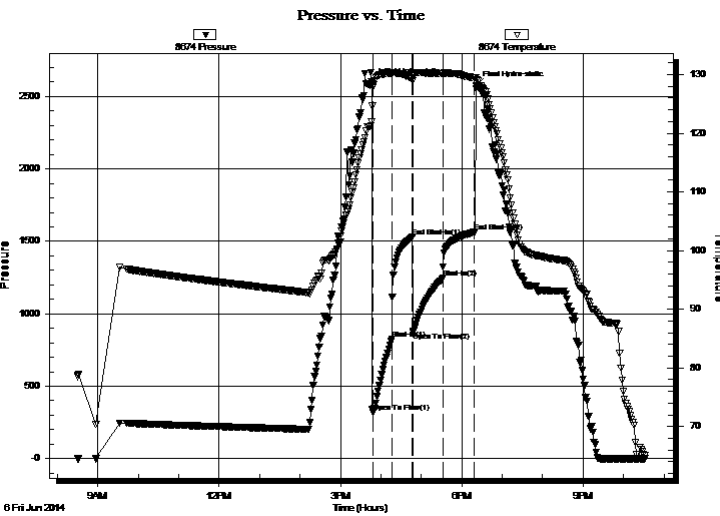
29-34s-31w Seward,KS.
Handy #7-29
Job Ticket: 57219 **DST#: 2**
Test Start: 2014.06.06 @ 08:30:00

GENERAL INFORMATION:

Formation: **Marmanton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:48:24
Time Test Ended: 22:31:55
Interval: **5307.00 ft (KB) To 5350.00 ft (KB) (TVD)**
Total Depth: 5350.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Will MacLean
Unit No: 72
Reference Elevations: 2735.00 ft (KB)
2722.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 8674 Inside
Press@RunDepth: 1245.07 psig @ 5308.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.06.06 End Date: 2014.06.06 Last Calib.: 2014.06.06
Start Time: 08:30:00 End Time: 22:31:55 Time On Btm: 2014.06.06 @ 15:46:09
Time Off Btm: 2014.06.06 @ 18:21:40

TEST COMMENT: IF- Strong Surface Blow Built to BOB in 20 sec
IS- Surface Blow Built to BOB in 1 1/2 min (Gas to Surface in 4 min)
FF- Strong Surface Blow Built to BOB in 12 sec
FS- Weak Surface Blow Built to BOB in 3 1/4 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2598.20	121.99	Initial Hydro-static
3	318.51	127.79	Open To Flow (1)
31	825.88	130.18	Shut-In(1)
61	1529.01	129.31	End Shut-In(1)
62	871.22	129.01	Open To Flow (2)
106	1245.07	130.18	Shut-In(2)
153	1563.24	129.47	End Shut-In(2)
156	2571.42	129.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCW 3% <i>m</i> 97% <i>w</i>	0.59
2330.00	Blew Out then Dropped the bar	32.14
63.00	OMWCG 7% <i>oil</i> 21% <i>m</i> 29% <i>w</i> 43% <i>g</i>	0.88
31.00	OGWCM 2% <i>oil</i> 8% <i>g</i> 20% <i>w</i> 70% <i>m</i>	0.43
0.00	GTS	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: Wyatt Urban

29-34s-31w Seward,KS.
Handy #7-29
Job Ticket: 57219 **DST#: 2**
Test Start: 2014.06.06 @ 08:30:00

Tool Information

Drill Pipe:	Length: 5116.00 ft	Diameter: 3.80 inches	Volume: 71.76 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 32000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 26000.00 lb
			<u>Total Volume: 72.65 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	5307.00 ft			Final 84000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	70.00 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			5281.00	
Shut In Tool	5.00			5286.00	
Hydraulic tool	5.00			5291.00	
Jars	5.00			5296.00	
Safety Joint	2.00			5298.00	
Packer	5.00			5303.00	27.00 Bottom Of Top Packer
Packer	4.00			5307.00	
Stubb	1.00			5308.00	
Recorder	0.00	8355	Outside	5308.00	
Recorder	0.00	8674	Inside	5308.00	
Perforations	4.00			5312.00	
Change Over Sub	1.00			5313.00	
Drill Pipe	31.00			5344.00	
Change Over Sub	1.00			5345.00	
Bullnose	5.00			5350.00	43.00 Bottom Packers & Anchor

Total Tool Length: 70.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

29-34s-31w Seward,KS.

PO Box 399
Garden City KS 67846

Handy #7-29

Job Ticket: 57219

DST#: 2

ATTN: Wyatt Urban

Test Start: 2014.06.06 @ 08:30:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 56.00 sec/qt
Water Loss: 9.08 in³
Resistivity: ohm.m
Salinity: 3800.00 ppm
Filter Cake: 1.00 inches

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

Oil API: deg API
Water Salinity: 24000 ppm

Recovery Information

Recovery Table

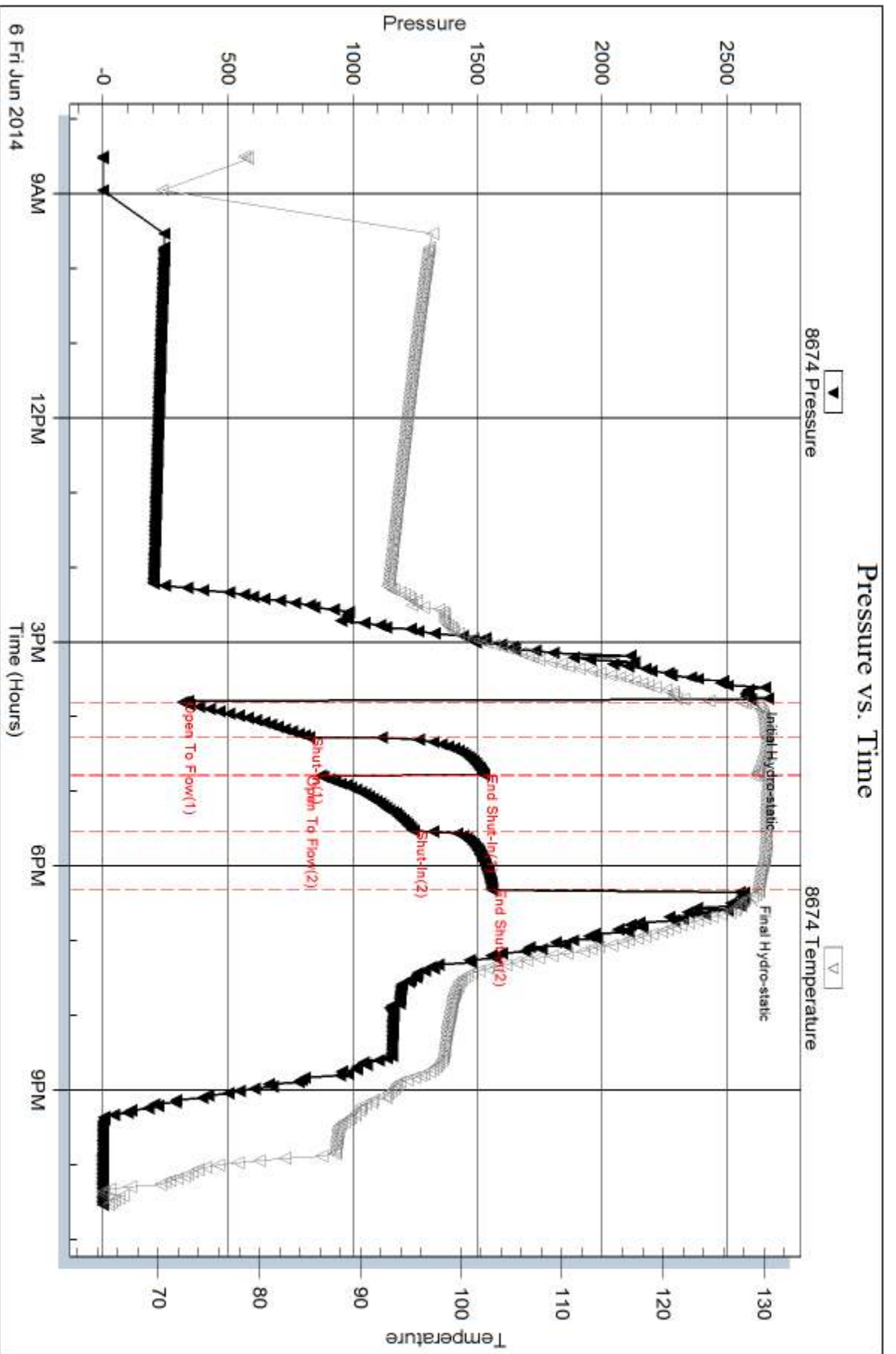
Length ft	Description	Volume bbl
120.00	MCW 3%m 97%w	0.590
2330.00	Blew Out then Dropped the bar	32.137
63.00	OMWCG 7%oil 21%m 29%w 43%g	0.884
31.00	OGWCM 2%oil 8%g 20%w 70%m	0.435
0.00	GTS	0.000

Total Length: 2544.00 ft Total Volume: 34.046 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW is .214 @ 89f = 24000

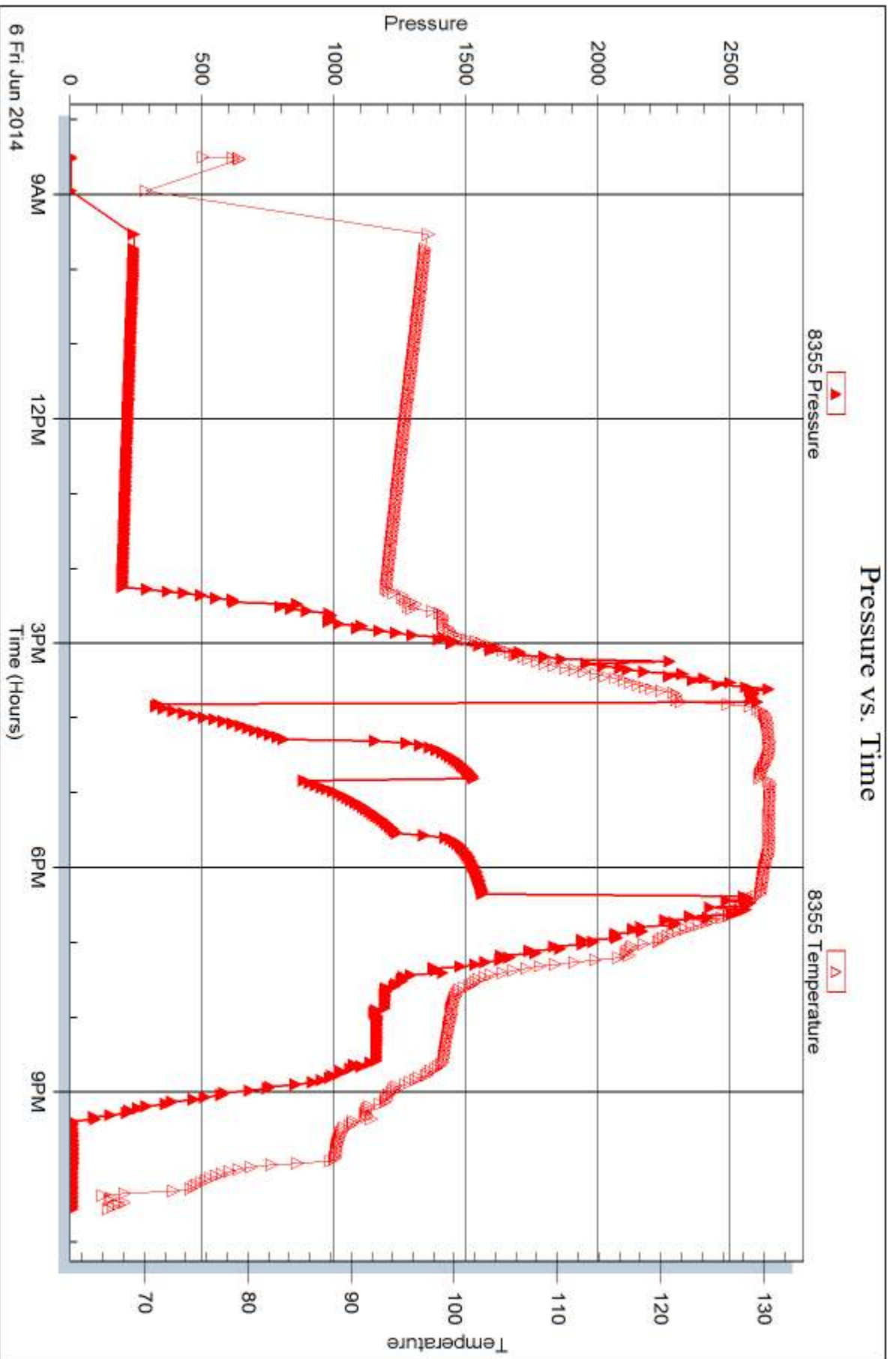


Serial #: 8355

Outside American Warrior Inc.

Handy #7-29

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 57219

Printed: 2014.06.12 @ 13:18:23



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: Wyatt Urban

Handy #7-29

29-34s-31w Seward,KS.

Start Date: 2014.06.08 @ 23:34:00

End Date: 2014.06.09 @ 07:36:39

Job Ticket #: 57220 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.06.12 @ 13:18:01



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc.
 PO Box 399
 Garden City KS 67846
 ATTN: Wyatt Urban

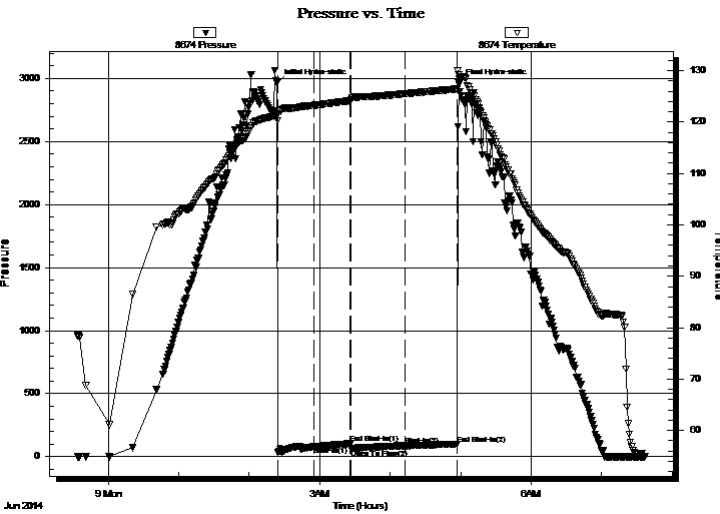
29-34s-31w Seward,KS.
Handy #7-29
 Job Ticket: 57220 **DST#: 3**
 Test Start: 2014.06.08 @ 23:34:00

GENERAL INFORMATION:

Formation: **Morrow Sands**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:24:10
 Time Test Ended: 07:36:39
 Interval: **5766.00 ft (KB) To 5848.00 ft (KB) (TVD)**
 Total Depth: 5848.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Will MacLean
 Unit No: 72
 Reference Elevations: 2735.00 ft (KB)
 2722.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8674 Inside
 Press@RunDepth: 87.56 psig @ 5769.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.08 End Date: 2014.06.09 Last Calib.: 2014.06.09
 Start Time: 23:34:00 End Time: 07:36:39 Time On Btm: 2014.06.09 @ 02:23:55
 Time Off Btm: 2014.06.09 @ 04:58:24

TEST COMMENT: IF- Weak Surface Blow Built to 3/4"
 IS- No Blow
 FF- No Blow
 FS- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2961.60	121.27	Initial Hydro-static
1	32.91	120.25	Open To Flow (1)
31	78.68	123.26	Shut-In(1)
63	102.80	124.16	End Shut-In(1)
63	62.25	124.28	Open To Flow (2)
109	87.56	125.53	Shut-In(2)
153	100.20	126.44	End Shut-In(2)
155	2962.93	129.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% mud	0.05

* 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: Wyatt Urban

29-34s-31w Seward,KS.
Handy #7-29
Job Ticket: 57220 **DST#: 3**
Test Start: 2014.06.08 @ 23:34:00

Tool Information

Drill Pipe:	Length: 5590.00 ft	Diameter: 3.80 inches	Volume: 78.41 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 22000.00 lb
			<u>Total Volume: 79.30 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	5766.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	82.00 ft			
Tool Length:	109.00 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			5740.00	
Shut In Tool	5.00			5745.00	
Hydraulic tool	5.00			5750.00	
Jars	5.00			5755.00	
Safety Joint	2.00			5757.00	
Packer	5.00			5762.00	27.00 Bottom Of Top Packer
Packer	4.00			5766.00	
Stubb	1.00			5767.00	
Perforations	2.00			5769.00	
Recorder	0.00	8355	Outside	5769.00	
Recorder	0.00	8674	Inside	5769.00	
Perforations	10.00			5779.00	
Change Over Sub	1.00			5780.00	
Drill Pipe	62.00			5842.00	
Change Over Sub	1.00			5843.00	
Bullnose	5.00			5848.00	82.00 Bottom Packers & Anchor
Total Tool Length:	109.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.
PO Box 399
Garden City KS 67846
ATTN: Wyatt Urban

29-34s-31w Seward,KS.
Handy #7-29
Job Ticket: 57220 **DST#: 3**
Test Start: 2014.06.08 @ 23:34:00

Mud and Cushion Information

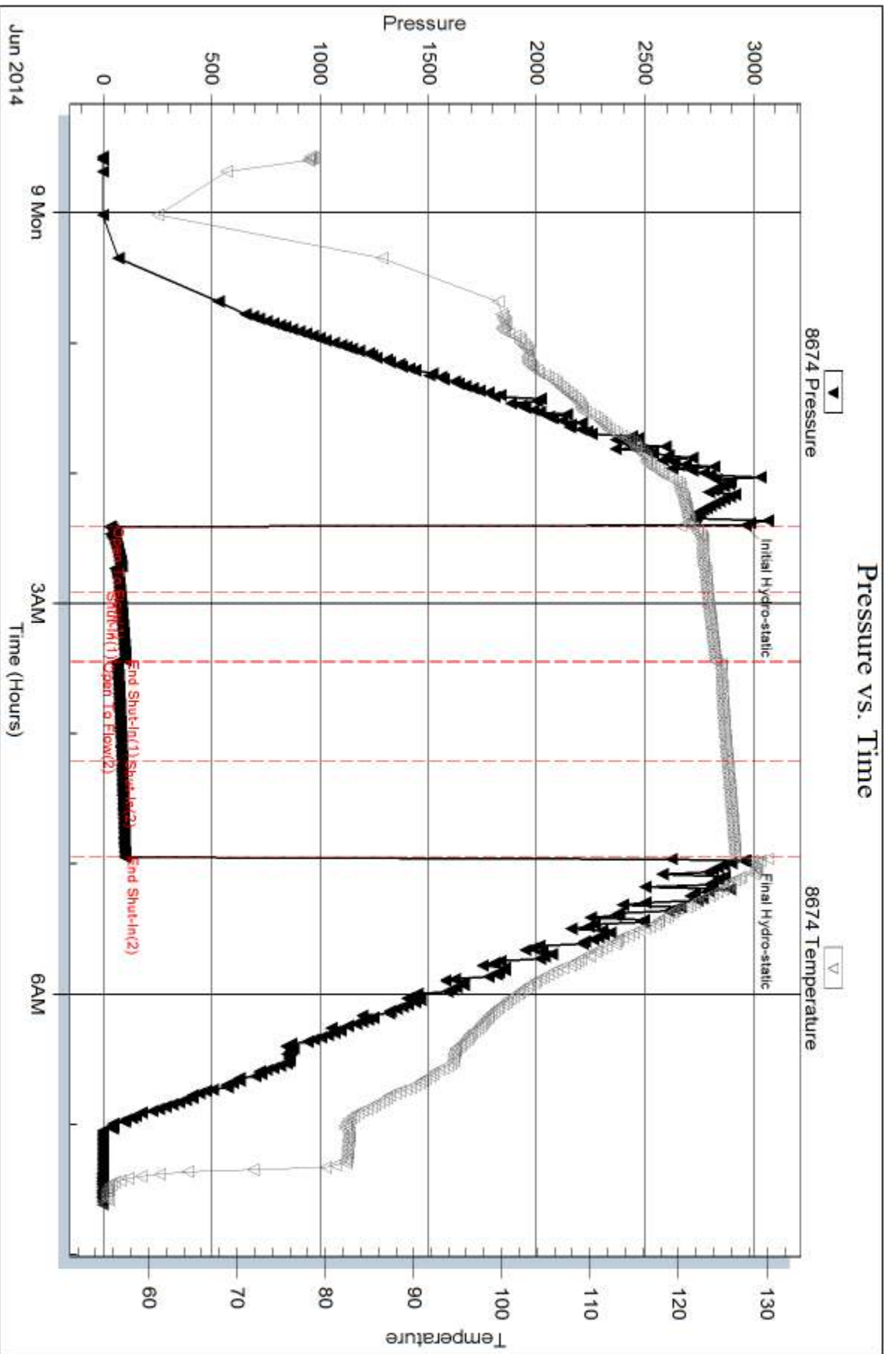
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.12 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5700.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100%mud	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:

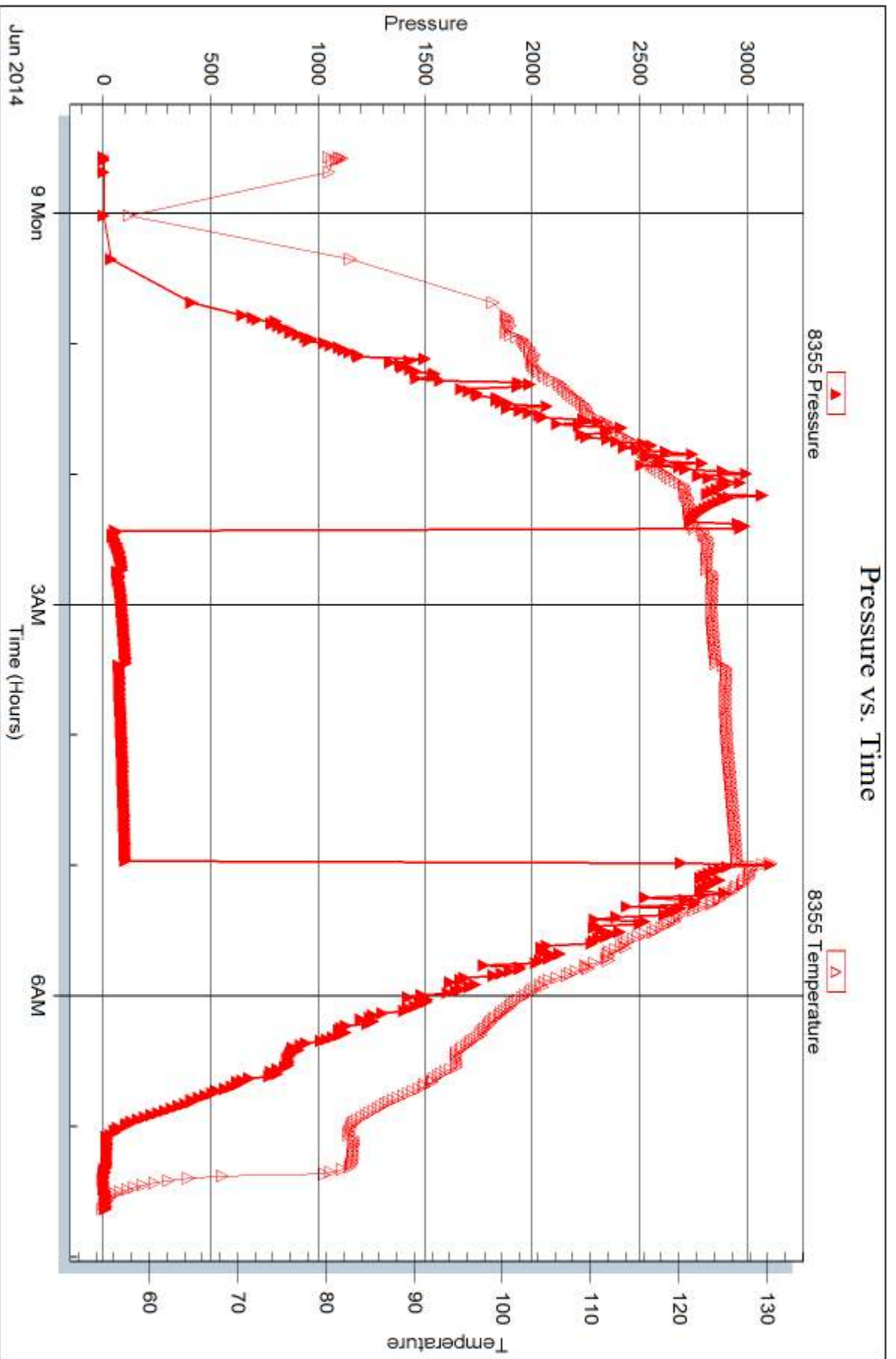


Serial #: 8355

Outside American Warrior Inc.

Handy #7-29

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 57220

Printed: 2014.06.12 @ 13:18:02



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: Wyatt Urban

Handy #7-29

29-34s-31w Seward,KS.

Start Date: 2014.06.09 @ 23:14:00

End Date: 2014.06.10 @ 07:10:54

Job Ticket #: 57221 DST #: 4

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

Printed: 2014.06.12 @ 13:17:38



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc.
 PO Box 399
 Garden City KS 67846
 ATTN: Wyatt Urban

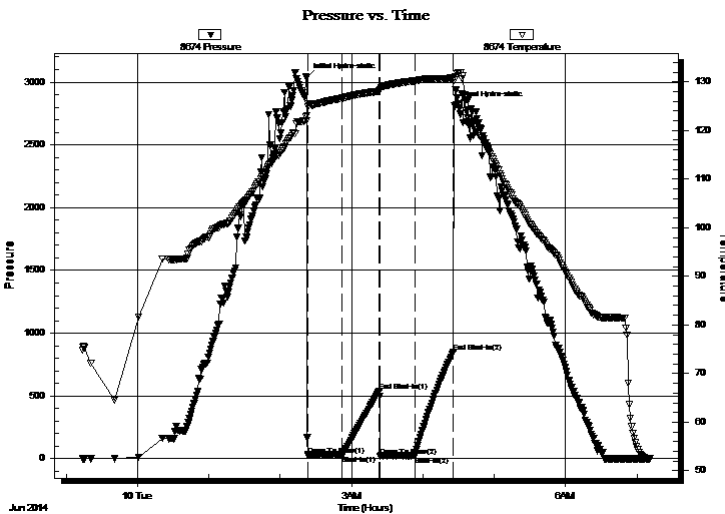
29-34s-31w Seward,KS.
Handy #7-29
 Job Ticket: 57221 **DST#: 4**
 Test Start: 2014.06.09 @ 23:14:00

GENERAL INFORMATION:

Formation: **Upper Chester**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:23:10
 Time Test Ended: 07:10:54
 Interval: **5908.00 ft (KB) To 5946.00 ft (KB) (TVD)**
 Total Depth: 5946.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Will MacLean
 Unit No: 72
 Reference Elevations: 2735.00 ft (KB)
 2722.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8674 Inside
 Press@RunDepth: 22.63 psig @ 5912.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.09 End Date: 2014.06.10 Last Calib.: 2014.06.10
 Start Time: 23:14:00 End Time: 07:10:54 Time On Btm: 2014.06.10 @ 02:22:25
 Time Off Btm: 2014.06.10 @ 04:26:39

TEST COMMENT: IF- Strong Surface Blow Built to BOB in 20 sec Died Back to 5" Built Back to BOB in 24 min
 IS- No Blow
 FF- Strong Surface Blow Built to BOB in 8 sec Died Back to 7 1/2" Built Back to BOB in 19 min
 FS- No Blow I was Smelling for gas coming OOH with the Test I never could smell it



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3036.23	123.09	Initial Hydro-static
1	26.05	124.80	Open To Flow (1)
30	29.18	126.65	Shut-In(1)
61	539.73	128.08	End Shut-In(1)
62	18.56	128.37	Open To Flow (2)
91	22.63	130.22	Shut-In(2)
124	851.16	130.80	End Shut-In(2)
125	2809.70	130.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GCM 4%g 96%m	0.30
0.00	Never Could Smell the Gas	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: Wyatt Urban

29-34s-31w Seward,KS.
Handy #7-29
Job Ticket: 57221 **DST#: 4**
Test Start: 2014.06.09 @ 23:14:00

Tool Information

Drill Pipe:	Length: 5715.00 ft	Diameter: 3.80 inches	Volume: 80.17 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	28000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose:	18000.00 lb
			<u>Total Volume: 81.06 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial	82000.00 lb
Depth to Top Packer:	5908.00 ft			Final	82000.00 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	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5882.00	
Shut In Tool	5.00			5887.00	
Hydraulic tool	5.00			5892.00	
Jars	5.00			5897.00	
Safety Joint	2.00			5899.00	
Packer	5.00			5904.00	27.00 Bottom Of Top Packer
Packer	4.00			5908.00	
Stubb	1.00			5909.00	
Perforations	3.00			5912.00	
Recorder	0.00	8355	Outside	5912.00	
Recorder	0.00	8674	Inside	5912.00	
Perforations	29.00			5941.00	
Bullnose	5.00			5946.00	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: Wyatt Urban

29-34s-31w Seward,KS.
Handy #7-29
Job Ticket: 57221 **DST#: 4**
Test Start: 2014.06.09 @ 23:14:00

Mud and Cushion Information

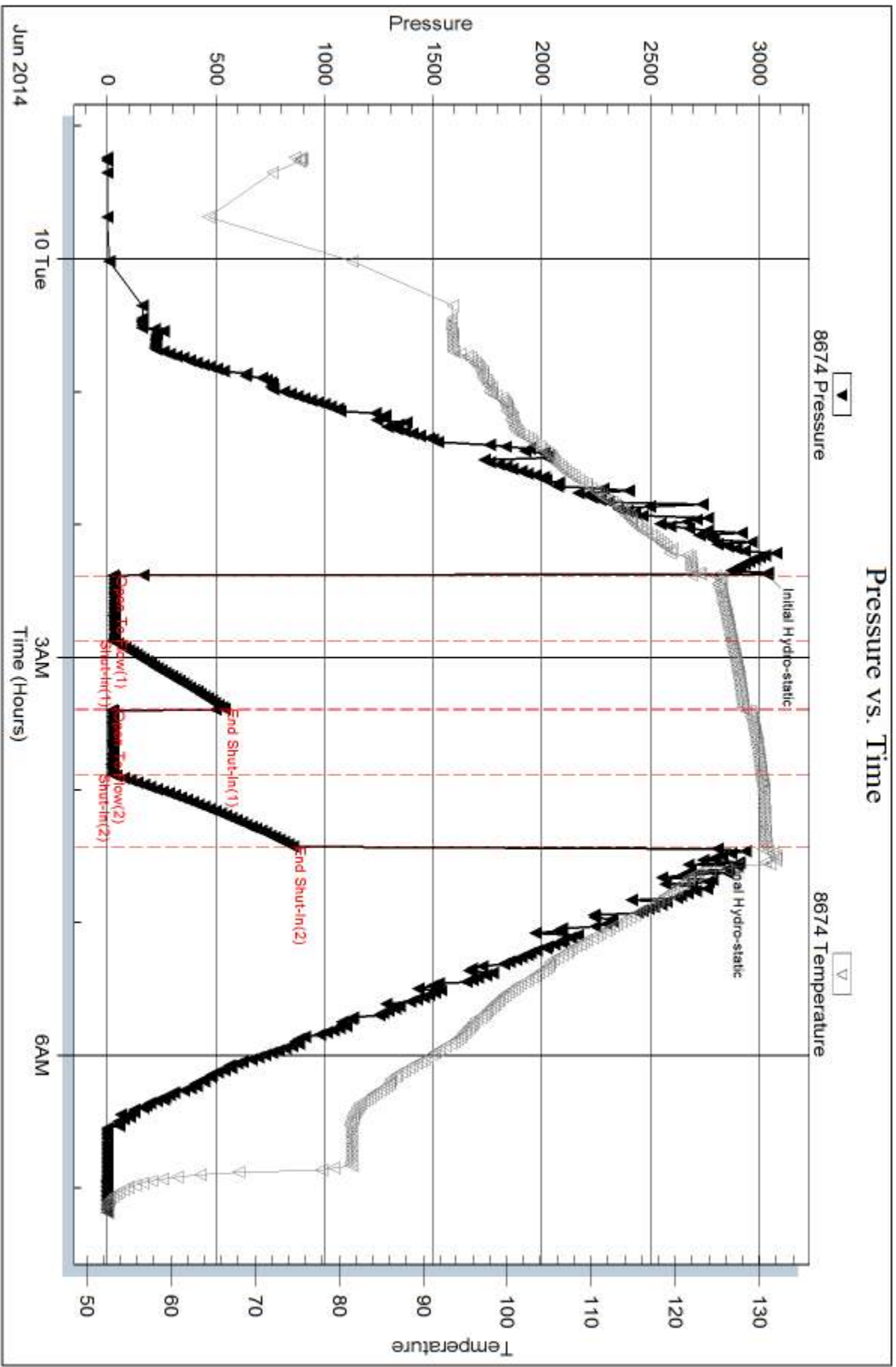
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 64.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.93 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5600.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GCM 4%g 96%m	0.295
0.00	Never Could Smell the Gas	0.000

Total Length: 60.00 ft Total Volume: 0.295 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

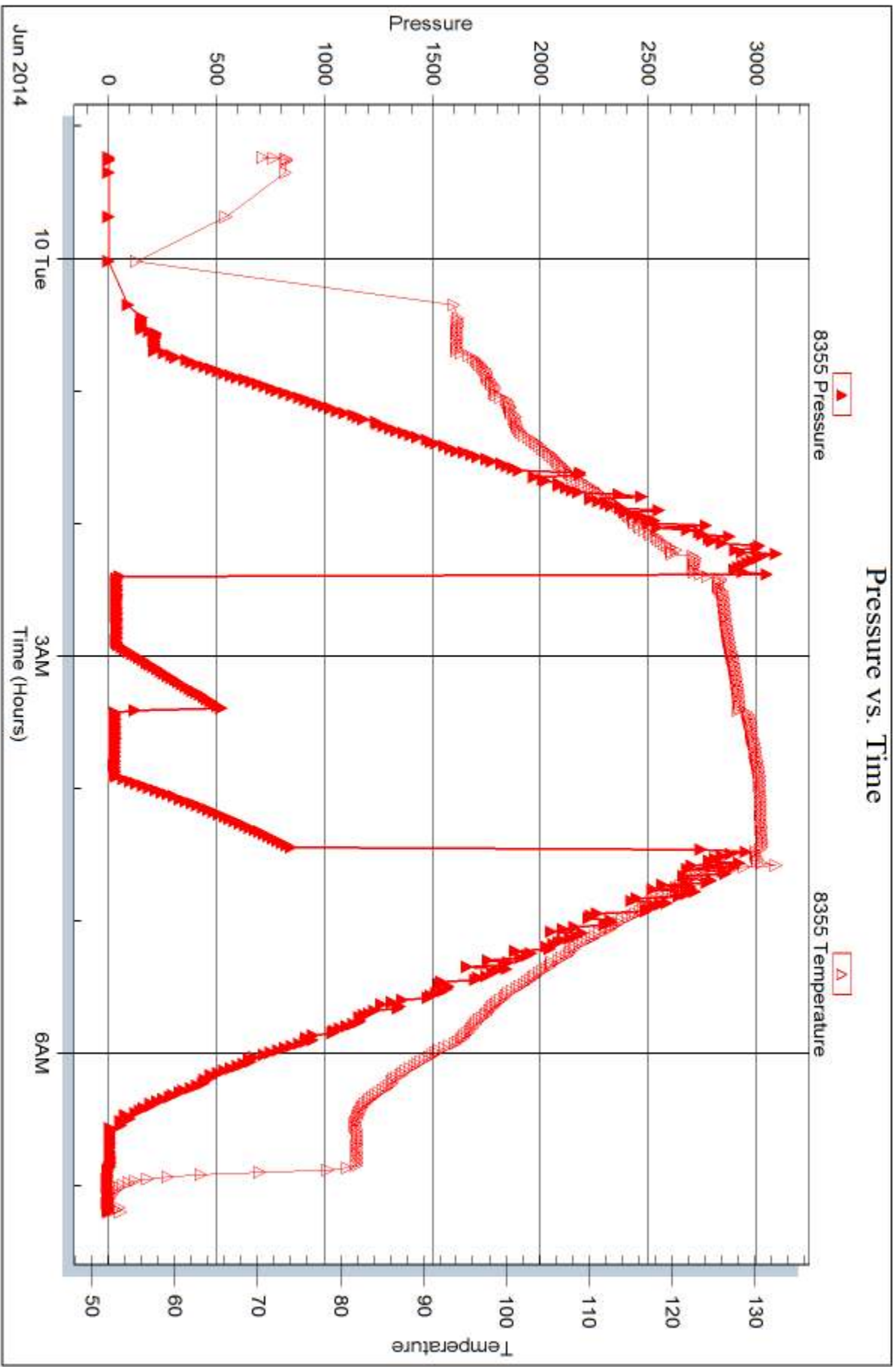


Serial #: 8355

Outside American Warrior Inc.

Handy #7-29

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 57221

Printed: 2014.06.12 @ 13:17:39



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: Wyatt Urban

Handy #7-29

29-34s-31w Seward,KS.

Start Date: 2014.06.10 @ 17:26:00

End Date: 2014.06.11 @ 06:17:25

Job Ticket #: 57222 DST #: 5

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

Printed: 2014.06.12 @ 13:16:56



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc.
PO Box 399
Garden City KS 67846
ATTN: Wyatt Urban

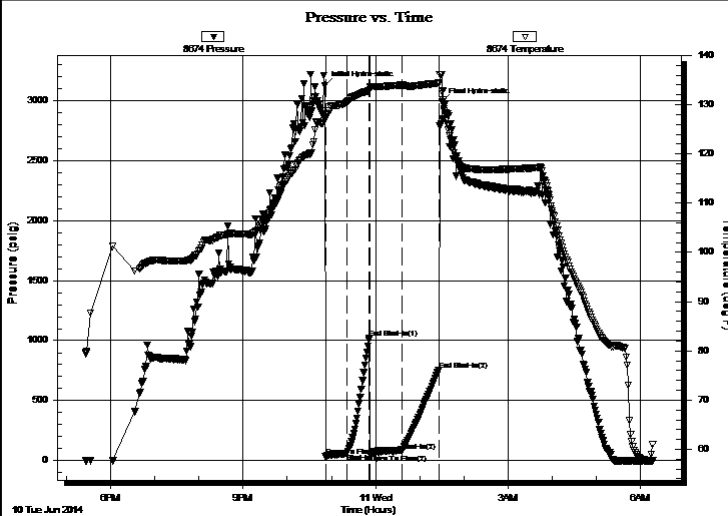
29-34s-31w Seward,KS.
Handy #7-29
Job Ticket: 57222 **DST#: 5**
Test Start: 2014.06.10 @ 17:26:00

GENERAL INFORMATION:

Formation: **Chester**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:51:54
Time Test Ended: 06:17:25
Interval: **5952.00 ft (KB) To 6015.00 ft (KB) (TVD)**
Total Depth: 6015.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Will MacLean
Unit No: 72
Reference Elevations: 2735.00 ft (KB)
2722.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 8674 Inside
Press@RunDepth: 81.67 psig @ 5953.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.06.10 End Date: 2014.06.11 Last Calib.: 2014.06.11
Start Time: 17:26:00 End Time: 06:17:25 Time On Btm: 2014.06.10 @ 22:51:09
Time Off Btm: 2014.06.11 @ 01:30:54

TEST COMMENT: IF- Weak Surface Blow Built to BOB in 27 1/2 min
IS- No Blow
FF- Surface Blow Built to BOB in 1 3/4 min Died Back to 7" Built Back to BOB
FS- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3121.70	127.64	Initial Hydro-static
1	33.62	127.15	Open To Flow (1)
31	62.71	130.61	Shut-In(1)
61	1022.53	132.86	End Shut-In(1)
61	52.33	133.12	Open To Flow (2)
106	81.67	134.01	Shut-In(2)
155	754.09	134.37	End Shut-In(2)
160	2985.97	132.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GWCM 7%g 26%w 67%m	0.30
90.00	GWCM 3%g 4%w 93%m	0.44
0.00	282' of Weak GIP	0.00

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: Wyatt Urban

29-34s-31w Seward,KS.
Handy #7-29
Job Ticket: 57222 **DST#: 5**
Test Start: 2014.06.10 @ 17:26:00

Tool Information

Drill Pipe:	Length: 5777.00 ft	Diameter: 3.80 inches	Volume: 81.04 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 32000.00 lb
		Total Volume: 81.93 bbl		Tool Chased ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 82000.00 lb
Depth to Top Packer:	5952.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	63.00 ft			
Tool Length:	90.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			5926.00	
Shut In Tool	5.00			5931.00	
Hydraulic tool	5.00			5936.00	
Jars	5.00			5941.00	
Safety Joint	2.00			5943.00	
Packer	5.00			5948.00	27.00 Bottom Of Top Packer
Packer	4.00			5952.00	
Stubb	1.00			5953.00	
Recorder	0.00	8355	Outside	5953.00	
Recorder	0.00	8674	Inside	5953.00	
Perforations	24.00			5977.00	
Change Over Sub	1.00			5978.00	
Drill Pipe	31.00			6009.00	
Change Over Sub	1.00			6010.00	
Bullnose	5.00			6015.00	63.00 Bottom Packers & Anchor

Total Tool Length: 90.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.
PO Box 399
Garden City KS 67846
ATTN: Wyatt Urban

29-34s-31w Seward,KS.
Handy #7-29
Job Ticket: 57222 **DST#: 5**
Test Start: 2014.06.10 @ 17:26:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	15200 ppm
Viscosity: 77.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.14 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GWCM 7%g 26%w 67%m	0.295
90.00	GWCM 3%g 4%w 93%m	0.443
0.00	282' of Weak GIP	0.000

Total Length: 150.00 ft Total Volume: 0.738 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW is .421 @ 68f = 15200

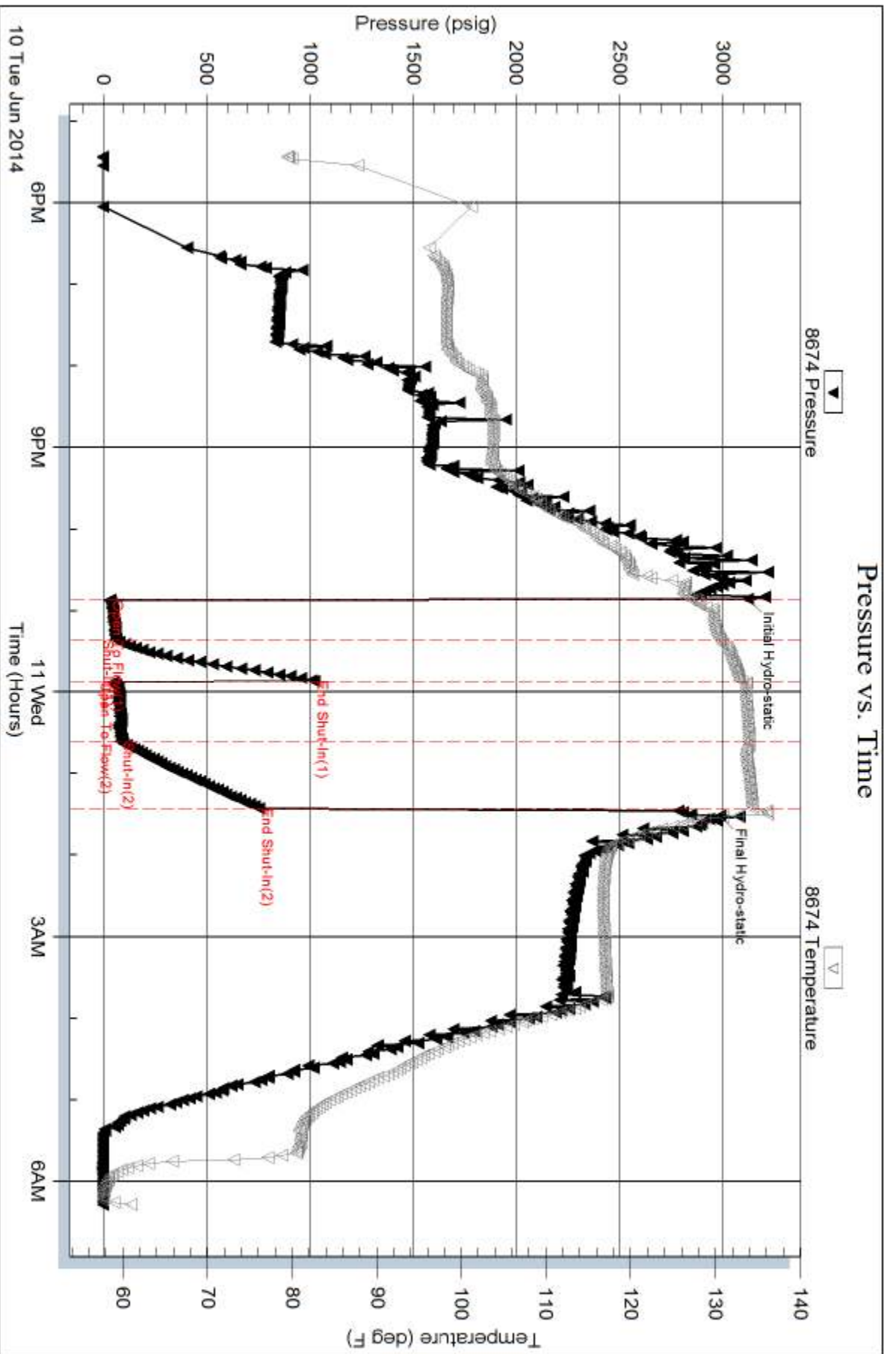
Serial #: 8674

Inside

American Warrior Inc.

Handy #7-29

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 57222

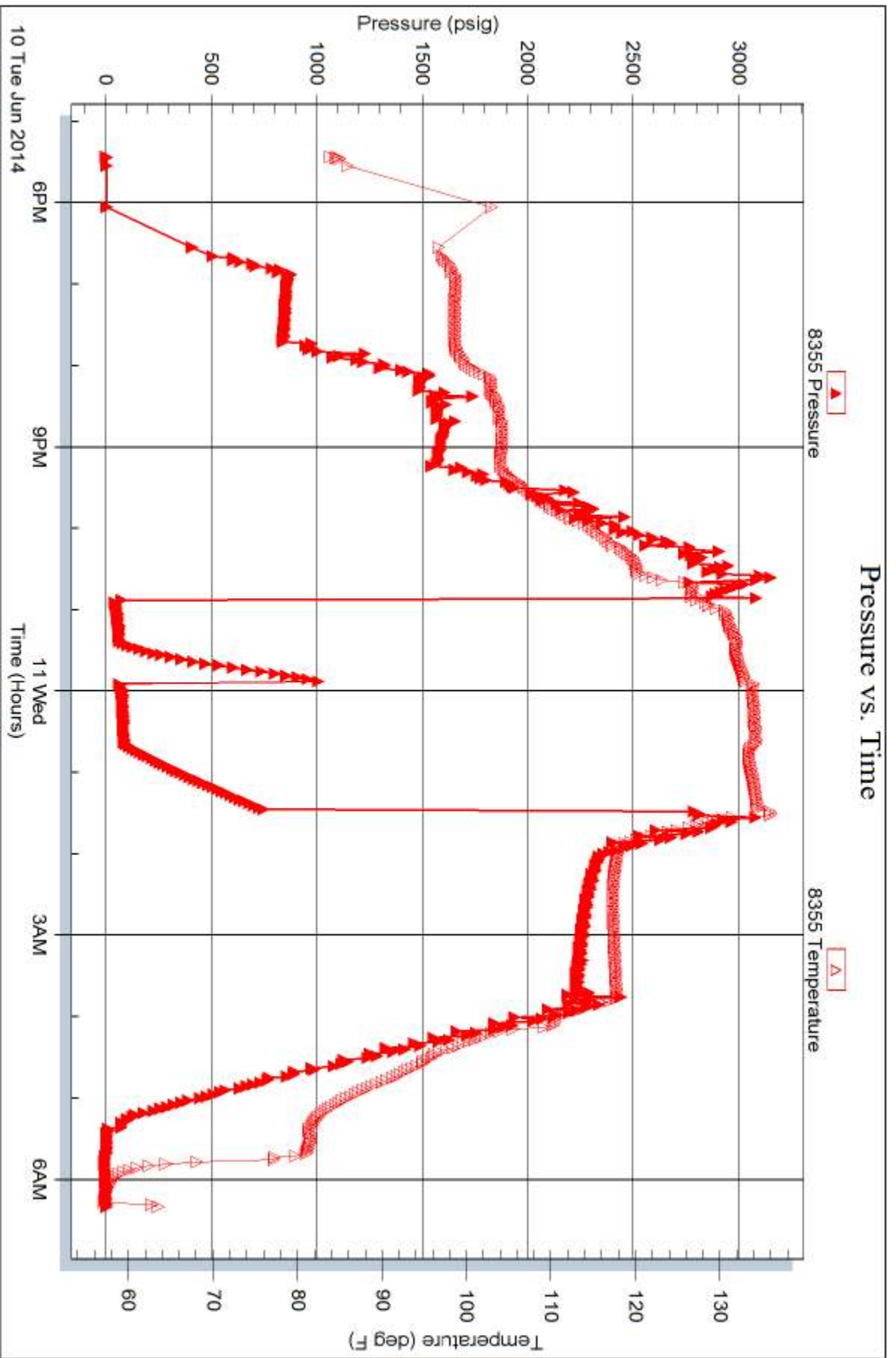
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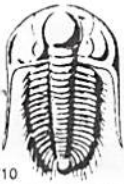
Serial #: 8355

Outside American Warrior Inc.

Handy #7-29

DST Test Number: 5





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57218

Well Name & No. Handy # 7-29 Test No. DST #1 Date 6-3-14
 Company American Warrior Inc Elevation 2735 KB 2722 GL
 Address P.O. Box 399 Garden City KS 67846
 Co. Rep / Geo. Wyatt Urban Rig Duke #9
 Location: Sec. 29 Twp. 34s Rge. 3W Co. Seward State KS

Interval Tested 4390 - 4447 Zone Tested Toronto
 Anchor Length 57 Drill Pipe Run 4199 Mud Wt. 9.0
 Top Packer Depth 4386 Drill Collars Run 180 Vis 50
 Bottom Packer Depth 4390 Wt. Pipe Run 0 WL 10.2
 Total Depth 4447 Chlorides 4000 ppm System LCM

Blow Description IF-Surface Blow Built to BOB in 45 sec Gas to Surface in 18 min to Well to 1000
ISJ-Weak Surface Blow Built to BOB in 2 3/4 min Drill Back to 8"
FF-Surface Blow Built to BOB in 1 min
FST-Weak Surface Blow Built to BOB in 2 min

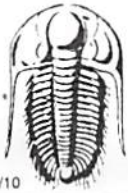
Rec	Feet of	%gas	%oil	%water	%mud
10	OGCM	14	8		80
378	GOWCM	8	12	24	56
63	MGVCO	10	65	18	7
189	MWOCG	45	30	21	4
243	OGMCW	4	3	84	9

Rec Total 883 BHT 115 Gravity API RW 274 @ 89 °F Chlorides 18,100 ppm
 (A) Initial Hydrostatic 2222 Test 1250 T-On Location 6:32
 (B) First Initial Flow 126 Jars 250 T-Started 7:14
 (C) First Final Flow 215 Safety Joint 75 T-Open 9:08
 (D) Initial Shut-In 792 Circ Sub NIC T-Pulled _____
 (E) Second Initial Flow 229 Hourly Standby _____ T-Out 14:35
 (F) Second Final Flow 378 Mileage 246 RIT 381.30 Comments Motel
 (G) Final Shut-In 805 Sampler _____ 3455 GIP
 (H) Final Hydrostatic 2193 Straddle _____ Gas tests Weak to Gause
 Ruined Shale Packer _____
 Ruined Packer _____

Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 30 Extra Recorder _____ Sub Total 0
 Final Flow 45 Day Standby _____ Total 2206.30
 Final Shut-In 45 Accessibility _____ MP/DST Disc't _____
 Sub Total 2206.30

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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57219

Well Name & No. Handy # 7-29 Test No. DST #2 Date 6-6-14
 Company American Warrior Inc Elevation 2735 KB 2722 GL
 Address P.O. Box 399 Garden City KS 67846
 Co. Rep / Geo. Wyatt Urban Rig Duke #9
 Location: Sec. 29 Twp. 34s Rge. 31W Co. Seward State KS

Interval Tested 5307-5350 Zone Tested Marmanton
 Anchor Length 43 Drill Pipe Run 5116 Mud Wt. 9.3
 Top Packer Depth 5303 Drill Collars Run 180 Vis 56
 Bottom Packer Depth 5307 Wt. Pipe Run 0 WL 9.2
 Total Depth 5350 Chlorides 3800 ppm System LCM 3/6

Blow Description IF - Strong Surface Blow Built to BOB in 20 sec
BT - Surface Blow Built to BOB in 1 1/2 min
FF - Strong Surface Blow Built to BOB in 12 sec
FST - Well Surface Blow Built to BOB in 3 1/4 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>31</u>	<u>0' WCM</u>	<u>8</u>	<u>2</u>	<u>20</u>	<u>70</u>
<u>63</u>	<u>0' MWCW</u>	<u>43</u>	<u>7</u>	<u>29</u>	<u>21</u>
<u>2330</u>	<u>Blow Out + Drapped Bar</u>				
<u>120</u>	<u>MCW</u>			<u>97</u>	<u>3</u>
	<u>2740' of GIP</u>				

Rec Total 2544 BHT 129 Gravity _____ API RW 214 @ 89 °F Chlorides 24000 ppm

(A) Initial Hydrostatic <u>2598</u>	<input checked="" type="checkbox"/> Test <u>1350</u>	T-On Location <u>6:44</u>
(B) First Initial Flow <u>318</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>8:30</u>
(C) First Final Flow <u>825</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>15:48</u>
(D) Initial Shut-In <u>1529</u>	<input checked="" type="checkbox"/> Circ Sub <u>Dropped Bar 50</u>	T-Pulled <u>18:21</u>
(E) Second Initial Flow <u>871</u>	<input checked="" type="checkbox"/> 3h 300 <u>Part on Elevator's</u>	T-Out <u>22:31</u>
(F) Second Final Flow <u>1245</u>	<input checked="" type="checkbox"/> Hourly Standby <u>from 9:30 AM to 2:00 PM</u>	Comments _____
(G) Final Shut-In <u>1563</u>	<input checked="" type="checkbox"/> Mileage <u>246 R/T 381.30</u>	
(H) Final Hydrostatic <u>2571</u>	<input type="checkbox"/> Sampler _____	<u>Just Gas came out after dropping the bar</u>

Initial Open 36
 Initial Shut-In 30
 Final Flow 45
 Final Shut-In 45

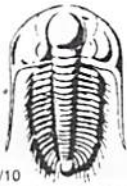
Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby 2d 16.25h
 Accessibility _____

Sub Total 2406.30

Sub Total 1341.67
 Total 3747.97
 MP/DST Disc't _____

Approved By _____ Our Representative J. M. Moore

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57220

4/10

Well Name & No. Handy # 7-29 Test No. DST # 3 Date 6-8-14
 Company American Warrior Inc Elevation 2735 KB 2722 GL
 Address P.O. Box 399 Garden City KS 67846
 Co. Rep / Geo. Wyatt Urban Rig Duke 9
 Location: Sec. 29 Twp. 34s Rge. 31w Co. Seward State KS

Interval Tested 5766-5848 Zone Tested Morrow Sand
 Anchor Length 82 Drill Pipe Run 5590 Mud Wt. 9.4
 Top Packer Depth 5762 Drill Collars Run 180 Vis 57
 Bottom Packer Depth 5766 Wt. Pipe Run 0 WL 9.2
 Total Depth 5848 Chlorides 5700 ppm System LCM 3/6
 Blow Description JF- Weak Surface Blow Built to 34
IST- No Blow
FF- No Blow
FST - No Blow

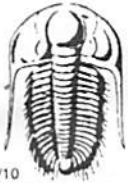
Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 129 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2961</u>	<input checked="" type="checkbox"/> Test <u>1350</u>	T-On Location <u>22:08</u>
(B) First Initial Flow <u>32</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>23:34</u>
(C) First Final Flow <u>78</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>2:24</u>
(D) Initial Shut-In <u>102</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIC</u>	T-Pulled <u>4:58</u>
(E) Second Initial Flow <u>62</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>7:36</u>
(F) Second Final Flow <u>87</u>	<input checked="" type="checkbox"/> Mileage <u>246 R/T</u> 381.30	Comments <u>Mud</u>
(G) Final Shut-In <u>100</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2962</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>791.67</u>
Final Flow <u>45</u>	<input checked="" type="checkbox"/> Day Standby <u>1d 23.25h</u>	Total <u>2847.97</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>2056.30</u>	

Approved By _____ Our Representative _____

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57221

Well Name & No. Handy # 7-29 Test No. DST #4 Date 6-9-14
 Company American Warrior Inc Elevation 2735 KB 2722 GL
 Address PO Box 399 Garden City KS 67846
 Co. Rep / Geo. Wyatt Urban Rig Duke 9
 Location: Sec. 29 Twp. 34S Rge. 31W Co. Seward State KS

Interval Tested 5908-5946 Zone Tested Upper Chester
 Anchor Length 38 Drill Pipe Run 5715 Mud Wt. 9.3
 Top Packer Depth 5904 Drill Collars Run 180 Vis 64
 Bottom Packer Depth 5908 Wt. Pipe Run 0 WL 10.0
 Total Depth 5946 Chlorides 5600 ppm System LCM 282

Blow Description IF Strong Surface Blow Built to BOB in 20 sec Died Back to 5" Built Back to BOB in 24 sec
ISI - No Blow

FF - Strong Surface Blow Built to BOB in 8 sec Died Back to 7 1/2" Built Back to BOB in 9 sec

FSI - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>6-CP</u>	<u>4</u>		<u>96</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

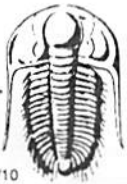
Rec Total _____ BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 3036 Test 1350 T-On Location 22:04
 (B) First Initial Flow 26 Jars 250 T-Started 23:14
 (C) First Final Flow 29 Safety Joint 75 T-Open 2:23
 (D) Initial Shut-In 539 Circ Sub NIC T-Pulled _____
 (E) Second Initial Flow 18 Hourly Standby _____ T-Out 7:10
 (F) Second Final Flow 22 Mileage 246 RIT 381.30 Comments Motel
 (G) Final Shut-In 851 Sampler _____ Never could smell the
 (H) Final Hydrostatic 2809 Straddle _____ Gas In Pipe
 Ruined Shale Packer 350
 Ruined Packer _____

Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 30 Extra Recorder _____ Sub Total 0
 Final Flow 30 Day Standby _____ Total 2656.30
 Final Shut-In 30 Accessibility _____ MP/DST Disc't _____
 Sub Total 2306.30

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57222

Well Name & No. Handy #7-29 Test No. DST #5 Date 6-10-14
 Company American Warrior Inc Elevation 2735 KB 2722 GL
 Address P.O. Box 399 Garden City KS 67846
 Co. Rep / Geo. Wyatt Urban Rig Duke 9
 Location: Sec. 29 Twp. 34S Rge. 31W Co. Seward State KS

Interval Tested 5952-6015 Zone Tested Chester
 Anchor Length 63 Drill Pipe Run 5777 Mud Wt. 9.2
 Top Packer Depth 5948 Drill Collars Run 180 Vis 77
 Bottom Packer Depth 5952 Wt. Pipe Run 0 WL 11.2
 Total Depth 6015 Chlorides 5400 ppm System LCM 216

Blow Description IF- Weak Surface Blow Built to BOP in 27 1/2 min
ISI- No Blow
FF- Surface Blow Built to BOP in 1 3/4 min Died Back to 7" Built Back to BOP
FSI- No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>GWCM</u>	<u>3</u>		<u>4</u>	<u>93</u>
<u>60</u>	<u>GWCM</u>	<u>7</u>		<u>26</u>	<u>67</u>
	<u>282' Weak G-IP</u>				

Rec Total 150 BHT 135 Gravity _____ API RW 421 @ 68 °F Chlorides 151200 ppm

(A) Initial Hydrostatic <u>3121</u>	<input checked="" type="checkbox"/> Test <u>1450</u>	T-On Location <u>16:34</u>
(B) First Initial Flow <u>33</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>17:26</u>
(C) First Final Flow <u>62</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>22:51</u>
(D) Initial Shut-In <u>1022</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>1:30</u>
(E) Second Initial Flow <u>52</u>	<input checked="" type="checkbox"/> Hourly Standby <u>Rig Reports .75h</u>	T-Out <u>6:17</u>
(F) Second Final Flow <u>81</u>	<input checked="" type="checkbox"/> Mileage <u>246 R/T X2</u>	Comments <u>Motel</u>
(G) Final Shut-In <u>754</u>	<input type="checkbox"/> Sampler <u>762.60</u>	<u>Work on Rig 2:00-3:45</u>
(H) Final Hydrostatic <u>2985</u>	<input type="checkbox"/> Straddle _____	<u>cathead</u>

Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby _____	Total <u>2612.60</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>2612.60</u>	

Approved By _____ Our Representative NW

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NOTES

Company: American Warrior, Inc.

Lease: Handy 7-29

Field: Blue Bell

Location: SE-NW-NW-SW (2285' FNL & 522' FWL)

Sec:29 Twsp:34S Rge:31W

County:Seward State:Kansas

KB:2735' GL:2722'

API #: 15-175-22217-00-00

Contractor: Duke Drilling Co., Inc. (Rig #9)

Spud: 05/29/2014 Comp: 06/13/2014

RTD: 6500' LTD: 6503'

Mud Up: 4200' Type Mud: Chemical

Samples Saved From: 4300' to RTD
 Drilling Time Kept From: 4300' to RTD
 Samples Examined From: 4300' to RTD
 Geological Supervision from: 4300' to RTD
 Geologist on Well: Wyatt Urban

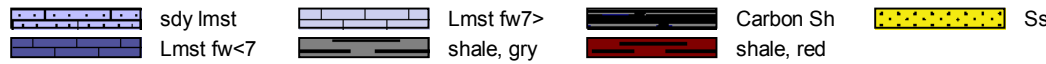
Surface Casing: 8 5/8@ 1715'

Electronic Surveys: Logged by Pioneer Energy Services: CNL/CDL, MEL, DIL

American Warrior , Inc. Well Comparison

DRILLING WELL					COMPARISON WELL				COMPARISON WELL			
American Warrior-Handy 7-29 SE-NW-NW-SW 29-34S-31W					Charter Production-Sprinkle #1 C-NW-NW 29-34S-31W				American Warrior- Handy 5-29 SE-NW-NW-SE 29-34S-31W			
2730 KB					2729 KB		Structural Relationship		2730 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Heebner	4394	-1664	4391	-1661	4369	-1640	-24	-21	4371	-1641	-23	-20
Toronto	4408	-1678	4419	-1689	4388	-1659	-19	-30	4389	-1659	-19	-30
Lansing	4566	-1836	4556	-1826	4535	-1806	-30	-20	4535	-1805	-31	-21
Marmaton	5244	-2514	5239	-2509	5220	-2491	-23	-18	5234	-2504	-10	-5
Morrow	5789	-3059	5774	-3044	5758	-3029	-30	-15	5774	-3044	-15	0
Morrow Sd.	5826	-3096	5814	-3084	5804	-3075	-21	-9	5805	-3075	-21	-9
Chester	5924	-3194	5918	-3188	5909	-3180	-14	-8	5924	-3194	0	6
Ste. Gen	6229	-3499	6213	-3483	6211	-3482	-17	-1	6229	-3499	0	16
St. Louis	6325	-3595	6335	-3605	6310	-3581	-14	-24	6325	-3595	0	-10
RTD	6500	-3770	6500	-3770	6470	-3741	-29	-29	6500	-3770	0	0
LTD	6503	-3773	6503	-3773					6502	-3772	-1	-1

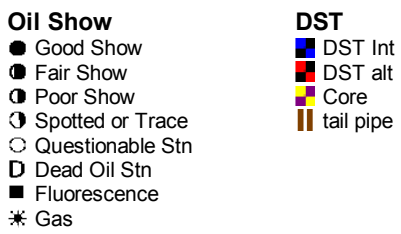
ROCK TYPES



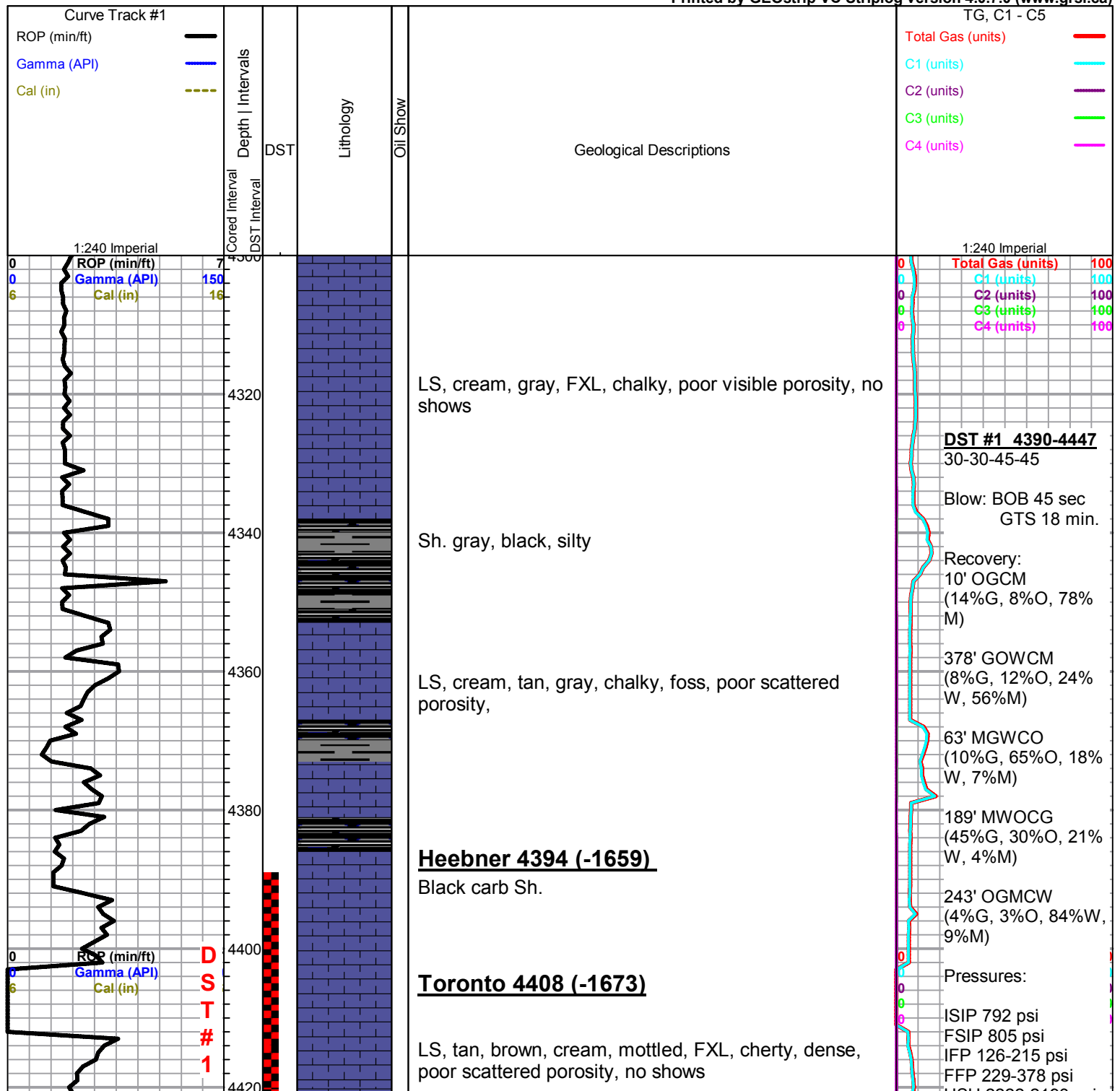
ACCESSORIES

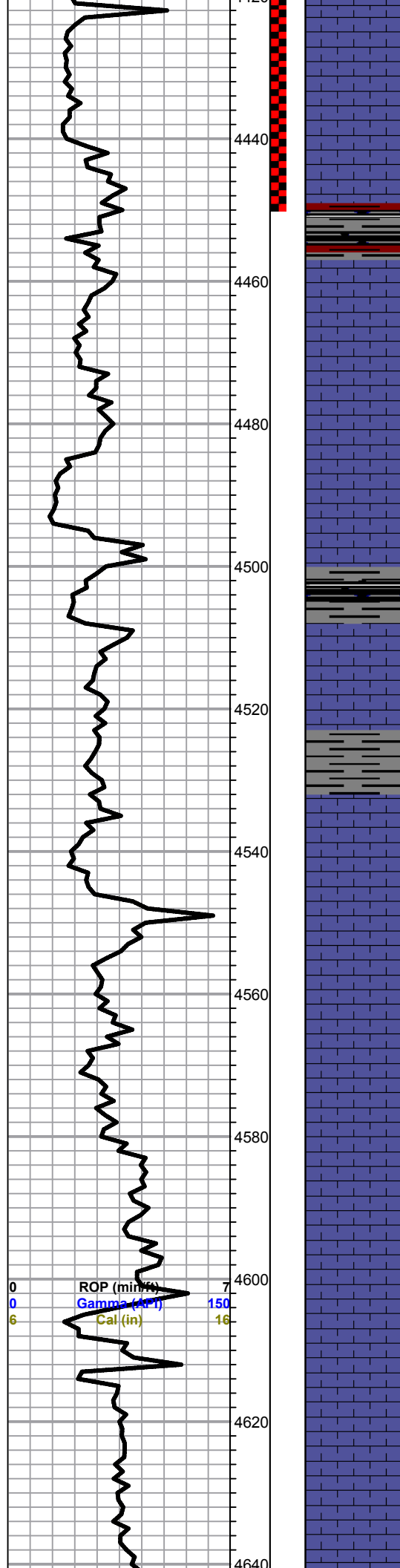


OTHER SYMBOLS



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





LS, cream to white, FXL, poor visible porosity, chalky, Lt. FLor. cut, no stain, odor???

Sh. black, gray, silty, few maroon, trc. LS, cream to white, FXL, chalky, no shows

LS, cream to tan, FXL, foss, cherty, poor visible porosity, no shows

Sh. black, gray, silty

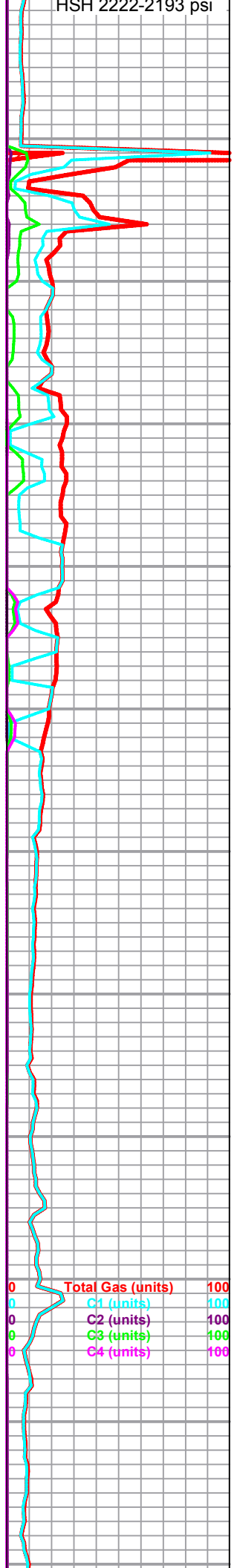
Sh. gray, silty, trc. LS cream to white, FXL, chalky, poor visible porosity, no shows

Lansing 4566 (-1831)

LS, cream, F-MXL, V. chalky, few foss, poor scattered porosity, NSFO, Lt. spotty flor. cut, no odor

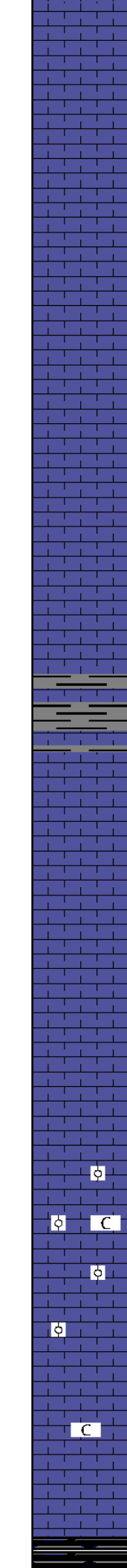
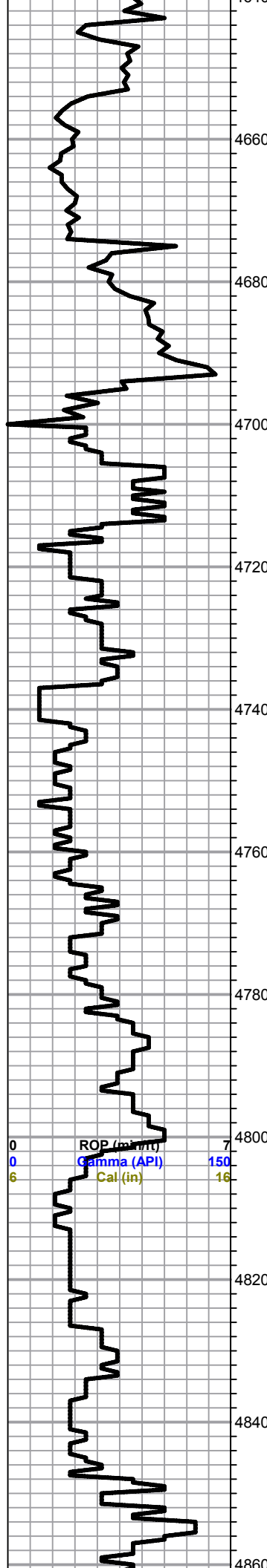
LS, tan, brown, FXL, chalky, few foss, poor scattered porosity, NSFO, trc. brown stain??, no odor, no flor. cut

LS, tan, brown, mottled, FXL, few foss, poor visible porosity, no shows



0 ROP (min) 7
 0 Gamma (API) 150
 6 Cal (in) 16

0 Total Gas (units) 100
 0 C1 (units) 100
 0 C2 (units) 100
 0 C3 (units) 100
 0 C4 (units) 100



LS, tan, FXL, poor visible porosity, chalky, few foss, no shows

LS, tan, brown, FXL, few foss, poor scattered porosity, chalky in parts, no shows

LS, gray, FXL, dense, cherty, poor visible porosity, no shows

LS, tan to cream, few foss, poor scatterd porosity, chalky

LS, cream to tan, FXL, gran. poor scattered porosity, slightly chalky in parts

LS, A/A, trc gray, silty shale

LS, tan, brown, cream, F-MXL, chalky, poor scattered porosity, no shows

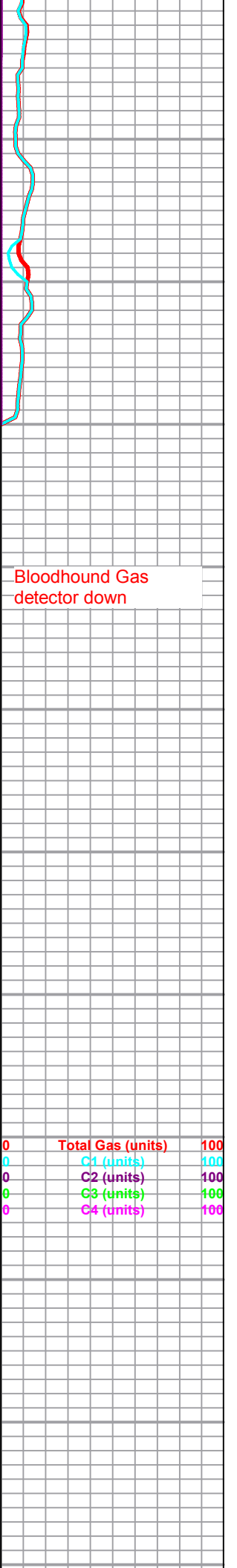
LS, tan to brown, FXL, dense, cherty, poor visible porosity, no shows

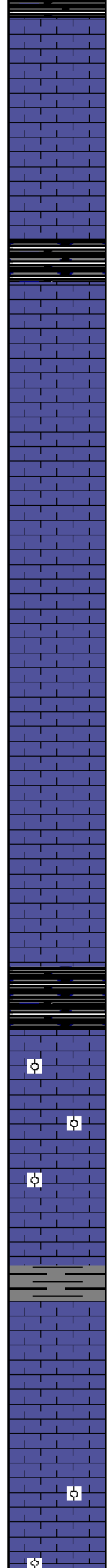
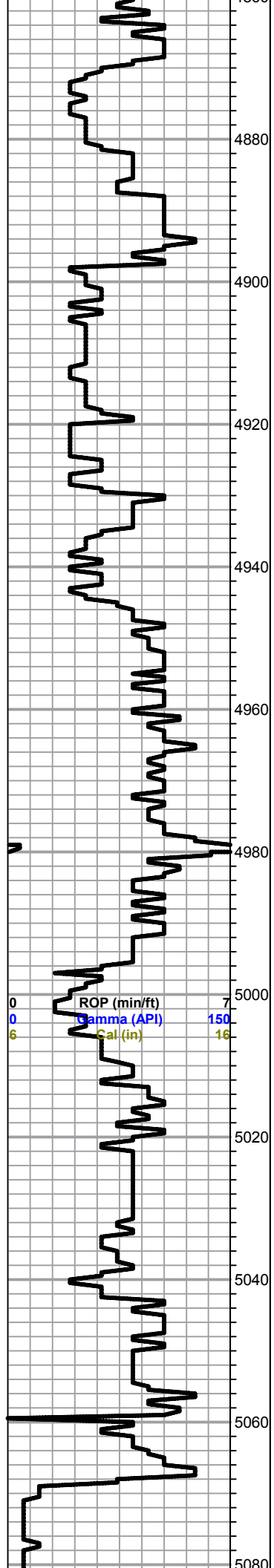
LS, tan,FXL, ool, cherty,poor scattered porosity, no shows

LS, tan, cream, V. chalky, few ool, poor scattered porosity, no shows

LS, tan to brown, FXL, cherty, few chalky, poor scattered porosity, no shows

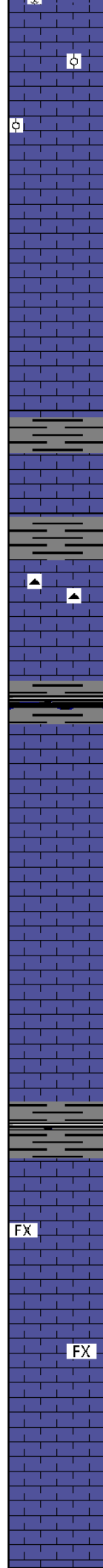
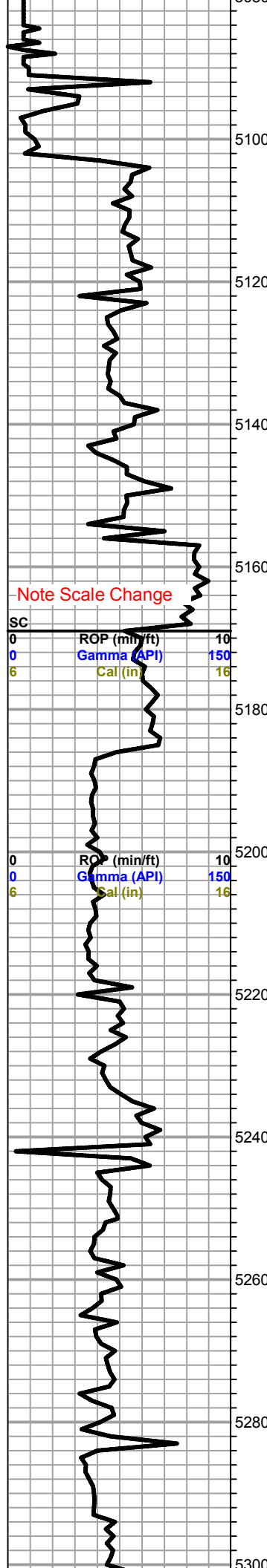
Sh, black carb, gray





sh. black carb, gray,
 LS, tan, v. chalky, few foss, poor scattered porosity, no shows
 LS, white to gray, FXL, foss in parts, sl. chalky, poor scattered porosity, no shows
 LS, white to gray, FXL, foss in parts, poor scattered porosity, SL. chalky, no shows
 LS, tan to brown, FXL, poor scattered porosity, cherty in parts, no shows
 LS, cream to tan, FXL, few foss, poor visible porosity, no shows
 Black carb. sh
 LS, white, tan, ool, chalky, poor scattered porosity, no shows
 Slug gray sh.
 LS, tan, FXL, few foss, poor visible porosity, no shows
 LS, cream, tan, ool, chalky in pts, good vuggy scattered porosity

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100



scattered porosity

LS, tan, F-MXL, ool, chalky, poor visible porosity, no shows

LS, cream to tan, FXL, poor vis porosity, no shows

Sh. gray, silty, trc, LS, cream to tan, FXL, chalky in parts, NSFO

LS, tan, brown, FXL, poor visible porosity, trace opaque and brown chert,

BKC 5174 (-2439)

Sh. gray, black silty

LS, tan to cream, ool, chalky, poor visible porosity, no shows, V. Lt. flor. cut, no odor, no stain

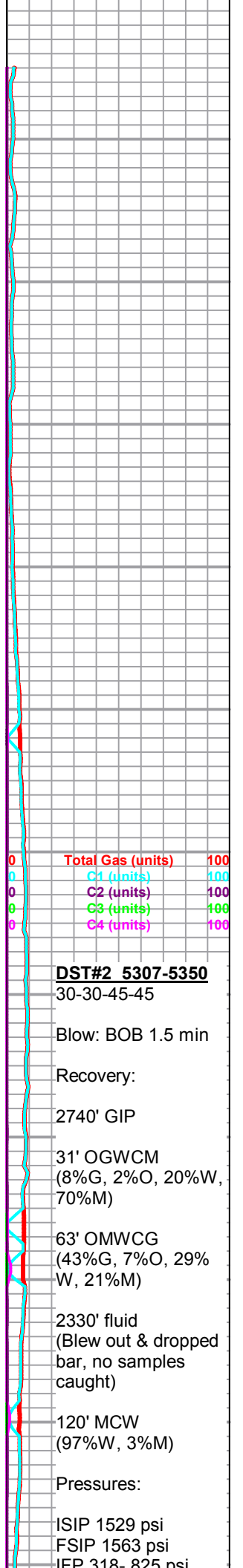
Sh. gray, black, silty

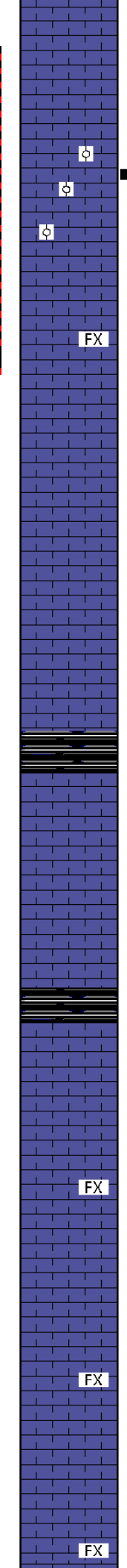
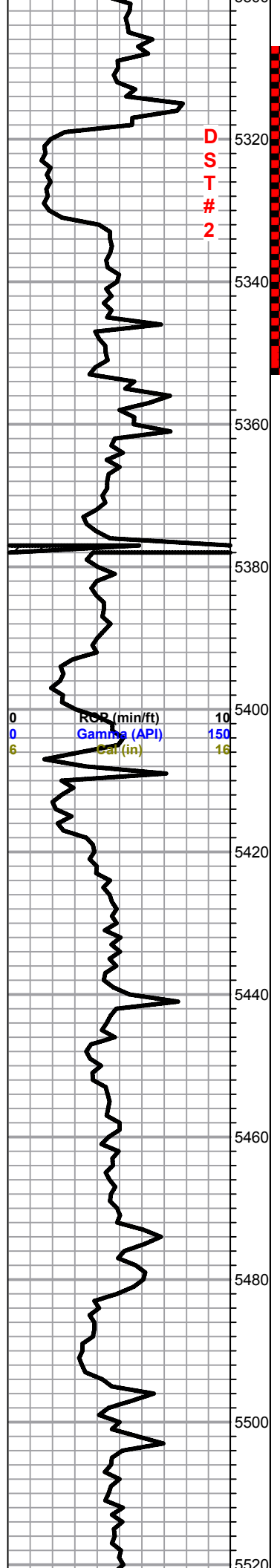
Marmaton 5244 (-2509)

LS, tan to brown, FXL, dense, cherty, poor visible porosity, no shows

LS, cream to tan, FXL, dense, cherty poor visible porosity, no shows

LS, cream to chalky, few scattered vuggy porosity, V. Lt. flor cut,





LS, tan, FXL, chalky, poor visible porosity, no shows

LS, tan to cream, ool, V. chalky, poor scattered porosity, good flor. cut no odor

LS, tan, FXL, chalky in parts, poor scattered porosity, no shows

LS, cream to tan, FXL, dense, few foss, poor scattered porosity, no shows

LS, cream to tan, FXL, poor visible porosity, no shows

Cherokee 5405 (-2670)

Sh. black carb

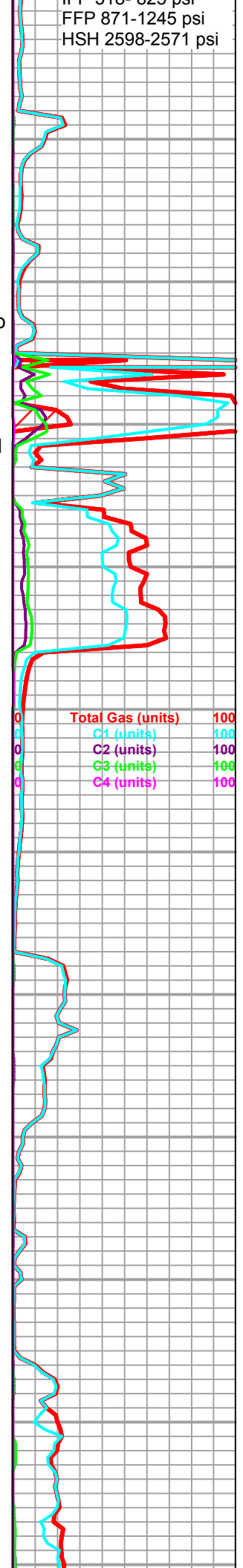
LS, cream to tan, FXL, dns. poor visible porosity, no shows

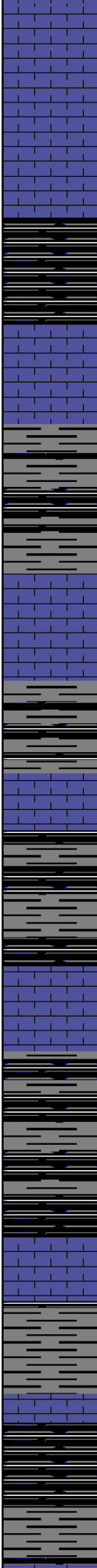
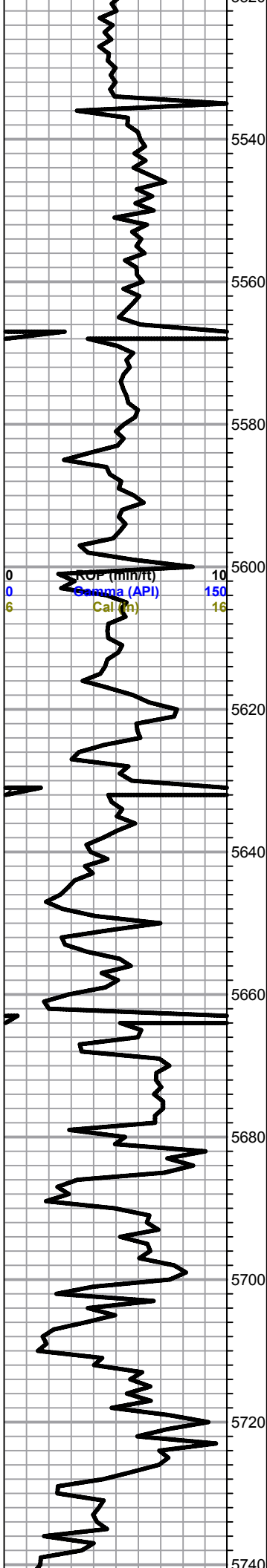
Sh. black carb

LS, tan to brown, mottled, FXL, few foss, sl. chalky, poor visible porosity, no shows

LS, cream to tan, mottled, FXL, dense, poor visible porosity, no shows

LS, brown to cream, FXL, cherty, no shows





LS, A/A

Slug black carb Sh.

LS, cream to tan, chalky, few foss, poor scattered porosity, no shows

Sh. gray, black, silty in pts

Sh. A/A, trc. LS, cream, chalky, few brown, cherty, no shows

Black carb sh.

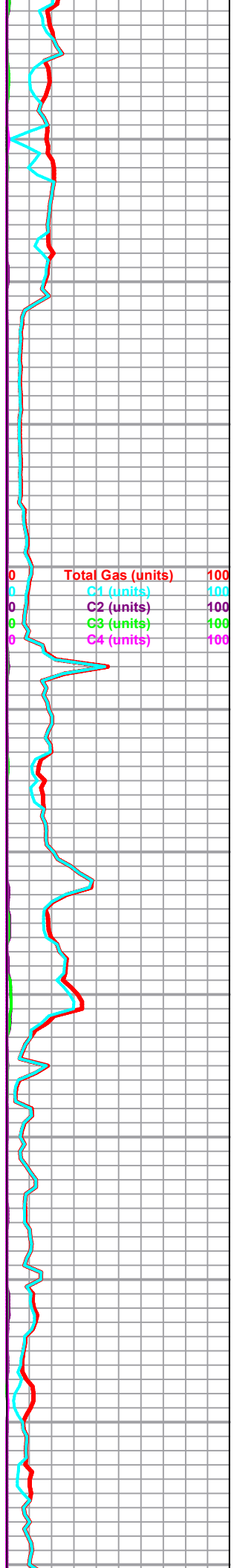
LS, tan, cream, brown, mottled, FXL, cherty, poor visible porosity, no shows

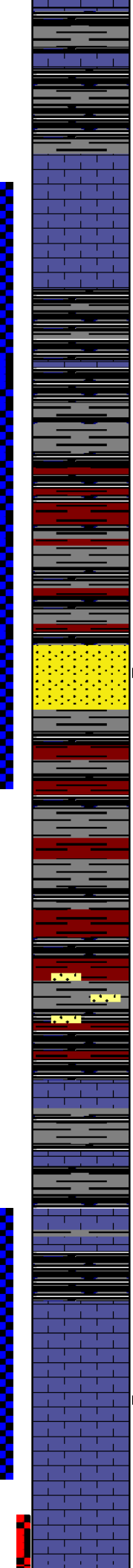
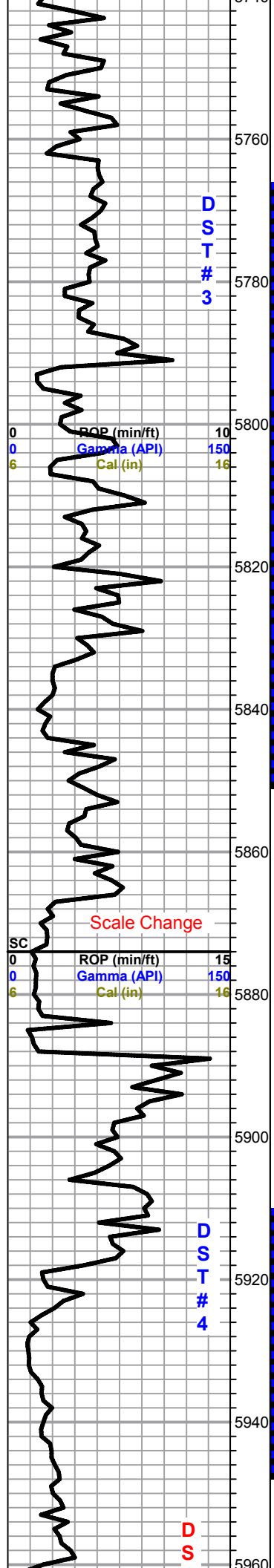
Sh. black carb

Trc. LS, cream, FXL, chalky, poor visible porosity, no shows

LS, tan, brown, motled, FXL, dense, poor visible porosity, no shows

Slug black carb, gry, shale





Sh. black carb, maroon, silty

LS, tan to brown, mottled, FXL, dense, poor visible porosity, no shows

Morrow 5789 (-3054)

Sh. black carb. maroon, silty

Sh. black carb, gray, maroon, silty

Morrow Sd. 5825 (-3090)

Sd. F- M grained, well sorted, no shows, Lt. Flor. sppty shows,

Sh. gray, black, maroon, trc. LS, tan, cream, FXL, dense, poor visible porosity, no shows

Sh. black, gray, greenish, trc. Sd . white, F. grain, well sorted, no shows

LS, tan, cream, FXL, dense, chakly, in parts, poor scattered porosity, no shows
Trc. Gry, black, shale

Sh. gray, black, silty in parts, no shows

Chester 5924 (-3194)

LS, tan, chalky, strong flor. cut, no odor, no SFO

Sh. back carb. gry, silty

DST # 3 5766-5848
30-30-45-45

Blow: Weak blow

Recovery:
10' Mud

Pressures:
ISIP 102
FSIP 100 psi
IFP 32-78 psi
FFP 62-87 psi
HSH 2961-2962psi

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

DST #4 5908-5946
30-30-30-30

Blow: BOB 20 sec.

Recovery:

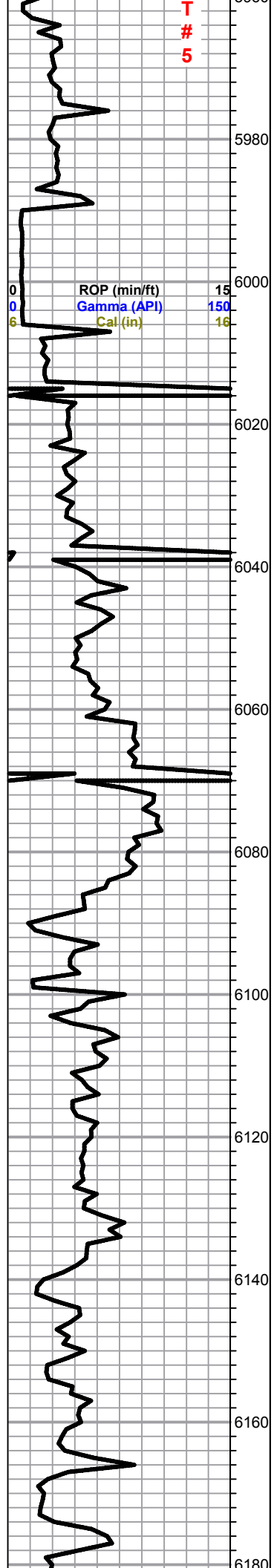
60' GCM
(4%G, 96%M)

Pressures:
ISIP 539 psi
FSIP 851 psi
IFP 26-29 psi
FFP 18-22 psi
HSH 3036-2809 psi

D
S

T

5



ROP (min/ft) 15
Gamma (API) 150
Cal (in) 16

LS, tan, cream, FXL, chalky, poor visible porosity, no shows, trc. black carb SH.

LS, cream, V. chalky, foss, poor scattered porosity, Lt. FLor, cut, no odor

LS, cream, V. chalky, foss, poor visible posity good flor. cut, no odor

LS, tan, brown, mottled, FXL, chalky, poor scattered porosity, no shows

LS, brown, FXL, dense, poor scattered porosity, no shows,

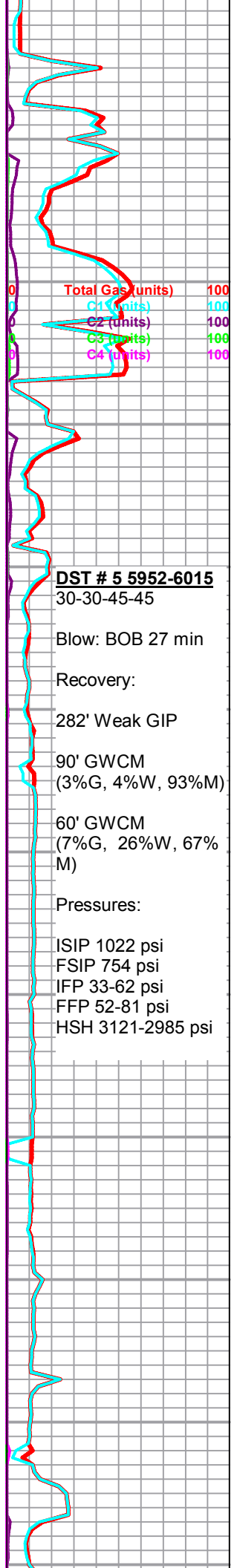
Sh. black gry, silty

LS, cream, tan, FXL, few foss, poor visible porosity, no shows, Lt. flor. cut, trc. black, gry, sh.

LS, cream to tan, FXL, chalky, poor visible porosity, Lt. flor. cut, trc. Lt. Flor cut, no shows

LS, cream to tan, FXL, ool, dns, few foss, poor scattered porosity, no shows

LS, tan, cream, FXL, few ool, poor visible porosity, Lt. flor. cut. no shows



Total Gas (units) 100
C1 (units) 100
C2 (units) 100
C3 (units) 100
C4 (units) 100

DST # 5 5952-6015
30-30-45-45

Blow: BOB 27 min

Recovery:

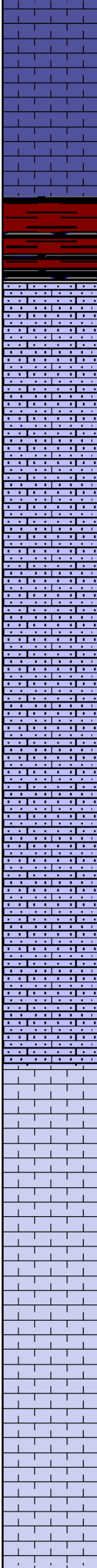
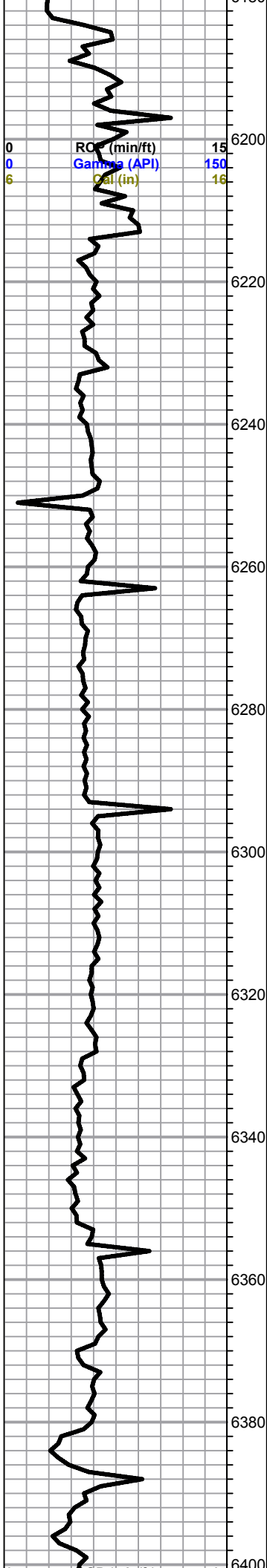
282' Weak GIP

90' GWCM
(3%G, 4%W, 93%M)

60' GWCM
(7%G, 26%W, 67% M)

Pressures:

ISIP 1022 psi
FSIP 754 psi
IFP 33-62 psi
FFP 52-81 psi
HSH 3121-2985 psi



LS, cream, FXL, cherty, ool, poor visible porosity, fair/ poor flor. cut, no odor, no stain, Trc. Sd. tan, M. grain, well sorted, NSFO, Lt. flor cut

Slug gray, maroon, black carb sh.

Ste. Gen 6214(-3479)

LS cream to tan, Micro ool, chalky, friable, no shows

LS, tan, micro ool, no shows

LS, tan, sub micro ool, chalky, no shows

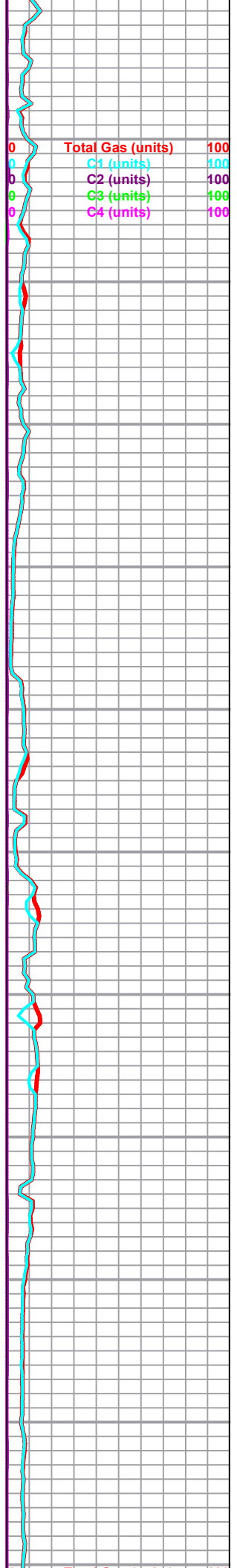
LS, tan, brown, micro ool, chalky, no shows, trc. black sh

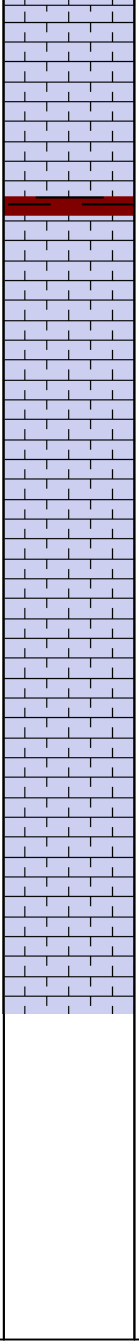
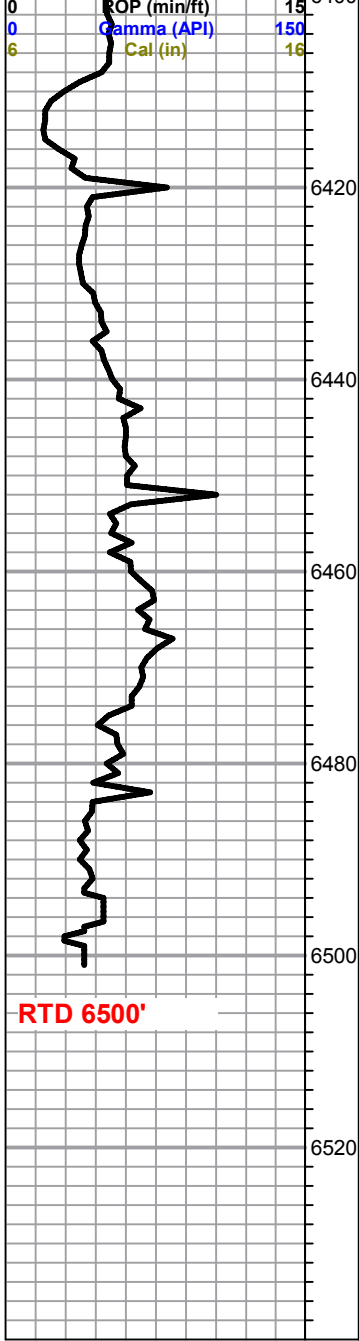
St. Louis 6325 (-3595)

LS, cream hite, FXL, ool, poor scattered porosity, NSFO, Lt trc. Flor cut.

■ LS, cream to white, FXL, ool, poor scattered porosity, NSFO, Lt. trc. Flor cut, NSFO, no odor

■ LS, cream, white, ool, poorly developed, chalky, poor scattered porosity, Lt. Flor. cut, No odor, no stains





LS, white, cream, ool in pts, poor scattered porosity, cherty, Lt. trc. flor. NSFO, no odor

Slug brick red, maroon shale

LS, cream, white, ool, FXL, poor visible porosity, Lt. flor. cut, no odor

LS, white, FXL, poor visible porosity, cherty, dense,

LS, white, cream, FXL, dense, cherty, poor visible porosity, no shows,

