



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: _____



1074870

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Jane

ALLIED CEMENTING CO., LLC. 037767

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

W. Alshuler

DATE <i>11-18-11</i>	SEC. <i>10</i>	TWP. <i>34s</i>	RANGE <i>11w</i>	CALLED OUT	ON LOCATION	JOB START <i>2:00pm</i>	JOB FINISH <i>2:30am</i>
LEASE <i>MRR</i>	WELL# <i>D-3</i>	LOCATION <i>Gerlane Rd, E to Bethel, S to Scott</i>			COUNTY <i>Barber</i>	STATE <i>KS</i>	
OLD OR <u>NEW</u> (Circle one)				<i>w into conn</i>			

CONTRACTOR *Hardy R31*

OWNER *N-10 Exploration*

TYPE OF JOB <i>Surface</i>	
HOLE SIZE <i>12 1/4"</i>	T.D. <i>269'</i>
CASING SIZE <i>8 3/8"</i>	DEPTH <i>256'</i>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <i>400psi</i>	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LBFT IN CSG. <i>20'</i>	
PERFS.	
DISPLACEMENT <i>16 bbls H₂O</i>	

CEMENT AMOUNT ORDERED *225sx 60 1/4 x 2 1/2' / sd + 37' ca*

COMMON <i>class A</i>	<i>135 @</i>	<i>2193.75</i>
POZMIX	<i>90 @</i>	<i>765.00</i>
GEL	<i>45 @</i>	<i>81.00</i>
CHLORIDE	<i>8 @</i>	<i>465.60</i>
ASC	<i>@</i>	

EQUIPMENT

PUMP TRUCK CEMENTER <i>Mark Thresch</i>
36925 HELPER <i>Jason Thresch</i>
BULK TRUCK
364 DRIVER <i>Adam Miller</i>
BULK TRUCK
DRIVER

HANDLING <i>237</i>	<i>@</i>	<i>533.25</i>
MILEAGE <i>15.11 x 237</i>	<i>@</i>	<i>391.05</i>
TOTAL		<i>4433.67</i>

REMARKS:

*B.K. @rc pump 5 bbls H₂O dead
mix 225sx cement
disp 16 bbls H₂O shut in
cement did execute*

SERVICE

DEPTH OF JOB <i>256'</i>		
PUMP TRUCK CHARGE		<i>1125.00</i>
EXTRA FOOTAGE	<i>@</i>	
MILEAGE	<i>30 @</i>	<i>210.00</i>
MANIFOLD	<i>@</i>	
<i>Light Vehicle</i>	<i>30 @ NC</i>	<i>N/C</i>

TOTAL *1335.00*

CHARGE TO: *N-10 Exploration*
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	<i>@</i>	
	<i>@</i>	
	<i>@</i>	
	<i>@</i>	
	<i>@</i>	

TOTAL _____

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

SALES TAX (If Any) _____
TOTAL CHARGES *5768.65*

PRINTED NAME _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE *Scott C Adelman*

4614.92

ALLIED CEMENTING CO., LLC. 037899

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Medicine Lodge, ks

DATE <u>11-27-2011</u>	SEC. <u>10</u>	TWP. <u>34S</u>	RANGE <u>11W</u>	CALLED OUT <u>8:00 AM</u>	ON LOCATION <u>12:00 PM</u>	JOB START <u>4:00 PM</u>	JOB FINISH <u>5:00 PM</u>
LEASE <u>MRR D</u>	WELL# <u>3</u>	LOCATION <u>Gorsum & Bethel Rd, 2 South</u>			COUNTY <u>Barber</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)			to <u>Scott Canyon Rd, west to Rg</u>				

CONTRACTOR Hart #1
 TYPE OF JOB Production
 HOLE SIZE 7 7/8 T.D. 5102'
 CASING SIZE 5 1/2 DEPTH 5083'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 3'
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 12 1/2 bbls of 2% KCL water

OWNER N 10 Exploration
 CEMENT
 AMOUNT ORDERED 150sx class H + 100 salt + 5# Kalseal, 40sx w.o. 40:48 gel + 4.8 sms

EQUIPMENT

PUMP TRUCK CEMENTER Darin F
 # 471-302 HELPER Ron G.
 BULK TRUCK
 # 364 DRIVER John
 BULK TRUCK
 # _____ DRIVER _____

COMMON <u>24sx</u>	@ <u>16.25</u>	<u>390.00</u>
POZMIX <u>110sx</u>	@ <u>8.50</u>	<u>132.00</u>
GEL <u>2sx</u>	@ <u>21.25</u>	<u>42.50</u>
CHLORIDE _____	@ _____	_____
ASC _____	@ _____	_____
H <u>150sx</u>	@ <u>19.25</u>	<u>2887.00</u>
SALT <u>15sx</u>	@ <u>12.00</u>	<u>180.00</u>
Kalseal <u>750 #</u>	@ <u>.89</u>	<u>667.50</u>
ASF <u>500 gals</u>	@ <u>1.27</u>	<u>635.00</u>
Clapro <u>15 gal</u>	@ <u>31.25</u>	<u>468.75</u>
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>222</u>	@ <u>2.25</u>	<u>499.50</u>
MILEAGE <u>222 x .11 x 15</u>		<u>366.30</u>
TOTAL		<u>\$4433.65</u>

REMARKS:
Pipe on bottom w/ break circulation, pump 20 bbls 2% KCL water, 3 bbls fresh water 500 gals ASF, 3 bbls fresh water, mix 1500 cement for 1st hole, mix 250 of sequencer cement, 150sx of 9.1 cement shut down, wash pump liner, release plug start displacement, L.A. pressure 9.2 96 bbls slow rate to 3 bpm at 110 bbls, bump plac at 120 bbls 200-1400 psi, 1100 ft w/h 12

CHARGE TO: N 10 Exploration
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <u>5083'</u>		
PUMP TRUCK CHARGE		<u>2405-</u>
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <u>30</u>	@ <u>7.00</u>	<u>210.00</u>
MANIFOLD <u>Heavy msn. 100'</u>	@ _____	<u>200.00</u>
light vehicle <u>30</u>	@ <u>4.00</u>	<u>120.00</u>
_____	@ _____	_____
TOTAL		<u>\$2935.00</u>

PLUG & FLOAT EQUIPMENT

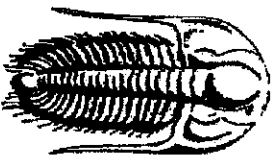
<u>5 1/2</u>		
1- Rubber plug	@ _____	<u>1.00</u>
1- Guide Shoe	@ _____	<u>100.80</u>
1- AFU Insert	@ _____	<u>112.00</u>
8- Centersizers	@ <u>32.20</u>	<u>257.60</u>
10- Scrappers	@ <u>23.94</u>	<u>239.40</u>
TOTAL		<u>\$775.80</u>

To Allied Cementing Co., 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 x TIM PIERCE
 SIGNATURE x Tim Pierce

SALES TAX (if Any) _____
 TOTAL CHARGES 8,144.45
 DISCOUNT 20% IF PAID IN 30 DAYS
Net \$6,515.56

Thank you!!!



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **N-10 Exploration LLC**

PO Box 195
Attica KS 67009

ATTN: Randy Newberry/Tim P

10-34s-11w Barber,KS

Medicine River Ranch D-3

Start Date: 2011.11.22 @ 06:04:57

End Date: 2011.11.22 @ 14:05:57

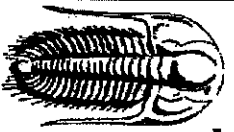
Job Ticket #: 44107 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2011.12.01 @ 13:56:41



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

N-10 Exploration LLC

Medicine River Ranch D-3

PO Box 195
Attica KS 67009

10-34s-11w Barber, KS

Job Ticket: 44107 DST#: 1

ATTN: Randy Newberry/Tim P

Test Start: 2011.11.22 @ 06:04:57

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 09:08:42
 Time Test Ended: 14:05:57
 Interval: **4560.00 ft (KB) To 4625.00 ft (KB) (TVD)**
 Total Depth: **4625.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches**Hole Condition: **Fair**

Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Chris Staats**
 Unit No: **34**

Reference Elevations: **1380.00 ft (KB)**
1370.00 ft (CF)
10.00 ft
 KB to GRICE:

Serial #: 8166 **Outside**

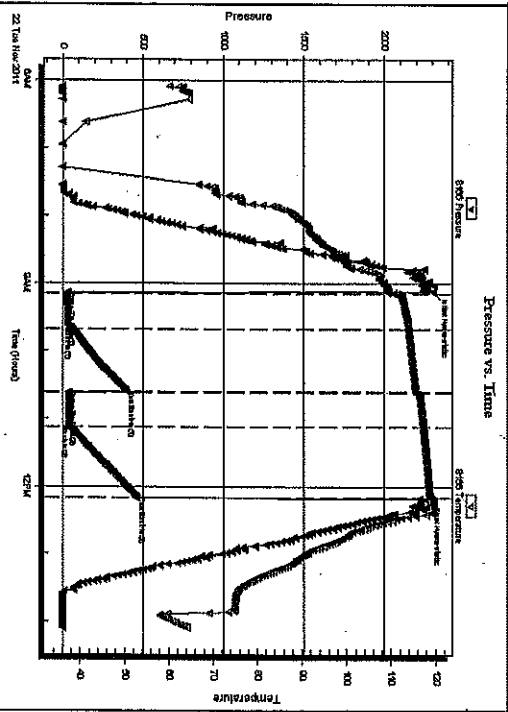
Press@RunDepth: **40.37 psig @ 4561.00 ft (KB)**

Start Date: **2011.11.22** End Date: **2011.11.22**

Start Time: **06:05:02** End Time: **14:05:56**
 Capacity: **8000.00 psig**
 Last Calib.: **2011.11.22**
 Time On Btm: **2011.11.22 @ 09:06:57**
 Time Off Btm: **2011.11.22 @ 12:12:12**

TEST COMMENT:

FF: Strong blow BOB 4 min
 IS: Weak blow back 3 1/2"
 FF: Strong blow BOB 30 sec
 FS: No blow back



PRESSURE SUMMARY

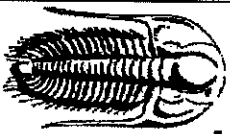
Time (Min)	Pressure (psig)	Temp (deg F)	Annotation
0	2302.85	109.36	Initial Hydro-static
2	24.42	110.62	Open To Flow (1)
34	56.57	113.91	Shut-In(1)
90	399.06	115.53	End Shut-In(1)
91	34.75	115.53	Open To Flow (2)
121	40.37	117.24	Shut-In(2)
184	460.67	118.71	End Shut-In(2)
186	2254.66	119.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	900' GIP	0.00
60.00	Gassy Mud 2% gas 98% mud	0.30'

Gas Rates

Order (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

N-10 Exploration LLC

Medicine River Ranch D-3

PO Box 195
Attica KS 67009

10-34s-11w Barber,KS

Job Ticket 44107

DST#:1

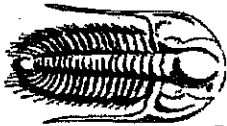
ATTN: Randy Newberry/Tim P

Test Start: 2011.11.22 @ 06:04:57

Tool Information

Drill Pipe:	Length: 4426.00 ft	Diameter:	3.80 Inches	Volume:	62.09 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:	25000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter:	2.25 Inches	Volume:	0.58 bbl	Weight to Pull Loose:	80000.00 lb
				<u>Total Volume:</u>	<u>62.67 bbl</u>	Tool Chased	4.00 ft
Drill Pipe Above KB:	5.00 ft					String Weight: Initial	70000.00 lb
Depth to Top Packer:	4560.00 ft					Final	70000.00 lb
Depth to Bottom Packer:	ft						
Interval between Packers:	65.00 ft						
Tool Length:	86.00 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			4540.00	
Shut In Tool	5.00			4545.00	
Hydraulic tool	5.00			4550.00	
Packer	5.00			4555.00	21.00 Bottom Of Top Packer
Packer	5.00			4560.00	
Stub	1.00			4561.00	
Recorder	0.00	6773	Outside	4561.00	
Recorder	0.00	8166	Outside	4561.00	
Perforations	5.00			4566.00	
Change Over Sub	0.50			4566.50	
Drill Pipe	30.00			4596.50	
Change Over Sub	0.50			4597.00	
Perforations	25.00			4622.00	
Bullnose	3.00			4625.00	65.00 Bottom Packers & Anchor
Total Tool Length:				86.00	



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

N-10 Exploration LLC

Medicine River Ranch D-3

PO Box 195
Attica KS 67009

10-34s-11w Barber,KS

Job Ticket: 44107

DST#: 1

ATTN: Randy Newberry/Tim P

Test Start: 2011.11.22 @ 06:04:57

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 52.00 sec/qt
Water Loss: 6.39 in³
Resistivity: 0.00 ohm/m
Salinity: 3000.00 ppm
Filter Cake: 0.02 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig
Oil API:
Water Salinity: ppm
deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	900' GIP	0.000
60.00	Gassy Mud 2% gas 98% mud	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

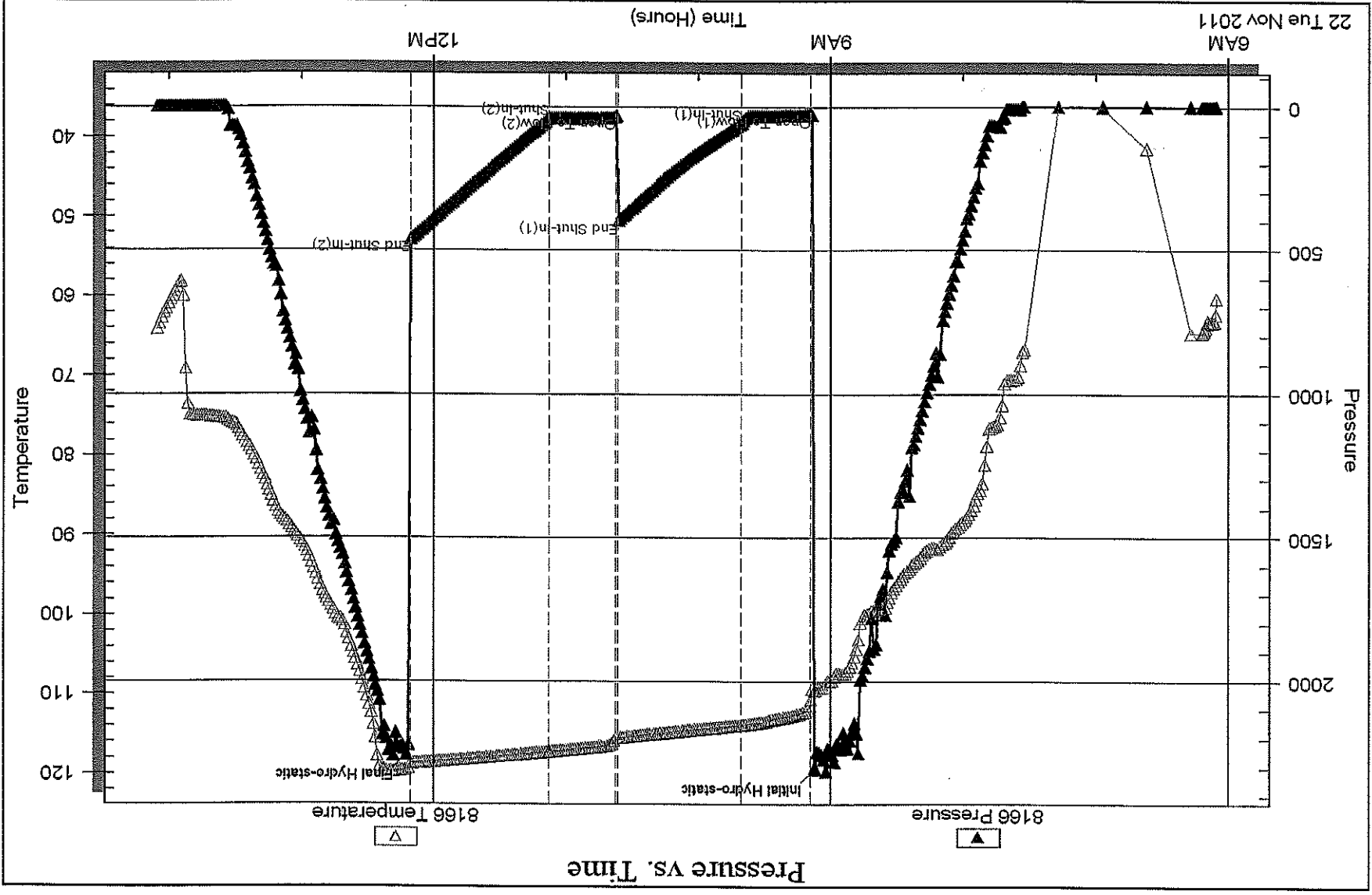
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



22 Tue Nov 2011
9AM

9AM

12PM

Time (Hours)

Pressure

Temperature

8166 Pressure

8166 Temperature

▲

▼

Initial Hydro-static

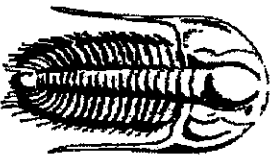
Final Hydro-static

End Shut-in(1)

End Shut-in(2)

Open Shut-in(1)

Open Shut-in(2)



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **N-10 Exploration LLC**

PO Box 195
Attica KS 67009

ATTN: Randy Newberry/Tim P

10-34s-11w Barber,KS

Medicine River Ranch D-3

Start Date: 2011.11.23 @ 07:46:42

End Date: 2011.11.23 @ 14:29:27

Job Ticket #: 44108 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2011.12.01 @ 13:57:01



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

N-10 Exploration LLC

Medicine River Ranch D-3

PO Box 195

10-34s-11w Barber, KS

Atfca KS 67009

Job Ticket: 44108

DST# 2

ATTN: Randy Newberry/Timp

Test Start: 2011.11.23 @ 07:46:42

GENERAL INFORMATION:

Formation: **Misener** No Whipstock: ft (KB)
 Deviated: No Time Tool Opened: 10:05:27
 Time Test Ended: 14:29:27
 Interval: **4873.00 ft (KB) To 4900.00 ft (KB) (TVD)**
 Total Depth: **4900.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches**Hole Condition: Fair

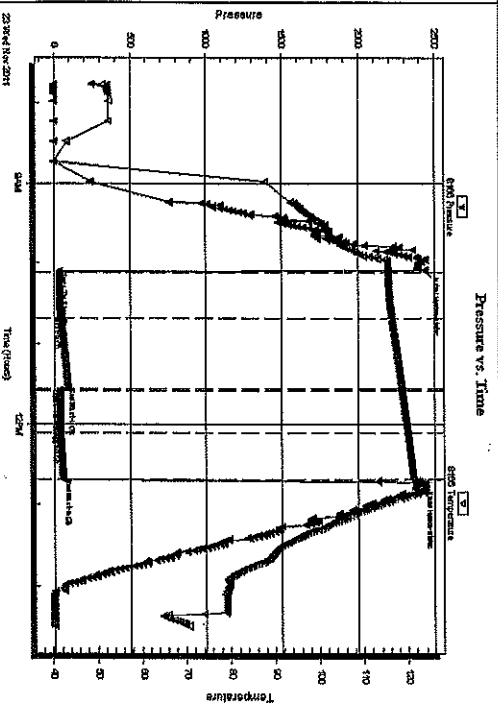
Test Type: Conventional Bottom Hole (Reset)
 Tester: Chris Staats
 Unit No: 34
 Reference Elevations: 1380.00 ft (KB)
 1370.00 ft (CF)
 KB to GRV/CF: 10.00 ft

Serial #: 8166 **Outside**
 Press@RunDepth: 37.99 psig @ 4874.00 ft (KB)
 Start Date: 2011.11.23 End Date: 2011.11.23
 Start Time: 07:46:47 End Time: 14:29:26

Capacity: 8000.00 psig
 Last Callb.: 2011.11.23
 Time On Birt: 2011.11.23 @ 10:05:12
 Time Off Birt: 2011.11.23 @ 12:44:27

TEST COMMENT: IF: Weak blow 1 1/2" Blow died

IS: No blow back
 FE: No blow
 FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2436.11	115.50	Initial Hydro-static
2	34.00	115.48	Open To Flow (1)
36	43.62	116.23	Shut-In(1)
89	87.92	118.48	End Shut-In(1)
90	34.03	118.52	Open To Flow (2)
121	37.99	119.81	Shut-In(2)
156	58.37	121.14	End Shut-In(2)
160	2389.32	123.86	Final Hydro-static

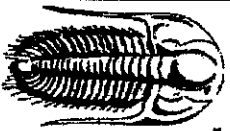
Recovery

Length (ft)	Description	Volume (bbl)
30.00	mud	0.15

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

N-10 Exploration LLC

Medicine River Ranch D-3

PO Box 195
Attica KS 67009

10-34s-11w Barber, KS

Job Ticket: 44108

DST#: 2

ATTN: Randy Newberry/Tim P

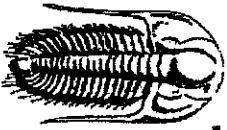
Test Start: 2011.11.23 @ 07:46:42

Tool Information

Drill Pipe:	Length: 4761.00 ft	Diameter: 3.80 inches	Volume: 66.78 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: 25000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume:</u> 67.36 bbl	Tool Chased 6.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	4873.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval betw seen Packers:	27.00 ft			
Tool Length:	48.00 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			4853.00	
Shut In Tool	5.00			4858.00	
Hydraulic tool	5.00			4863.00	
Packer	5.00			4868.00	21.00 Bottom Of Top Packer
Packer	5.00			4873.00	
Stubb	1.00			4874.00	
Recorder	0.00	6773	Outside	4874.00	
Recorder	0.00	8166	Outside	4874.00	
Perforations	23.00			4897.00	
Bullnose	3.00			4900.00	27.00 Bottom Packers & Anchor
Total Tool Length:	48.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

N-10 Exploration LLC
PO Box 195
Attica KS 67009
ATTN: Randy Newberry/Tim P

Medicine River Ranch D-3
10-34s-11w Barber, KS
Job Ticket: 44108
DST#: 2
Test Start: 2011.11.23 @ 07:46:42

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 10.00 lb/gal
Viscosity: 44.00 sec/qt
Water Loss: 9.18 in³
Resistivity: 0.00 ohmm
Salinity: 5000.00 ppm
Filter Cake: 0.02 inches

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

Oil API: deg API
Water Salinity: ppm

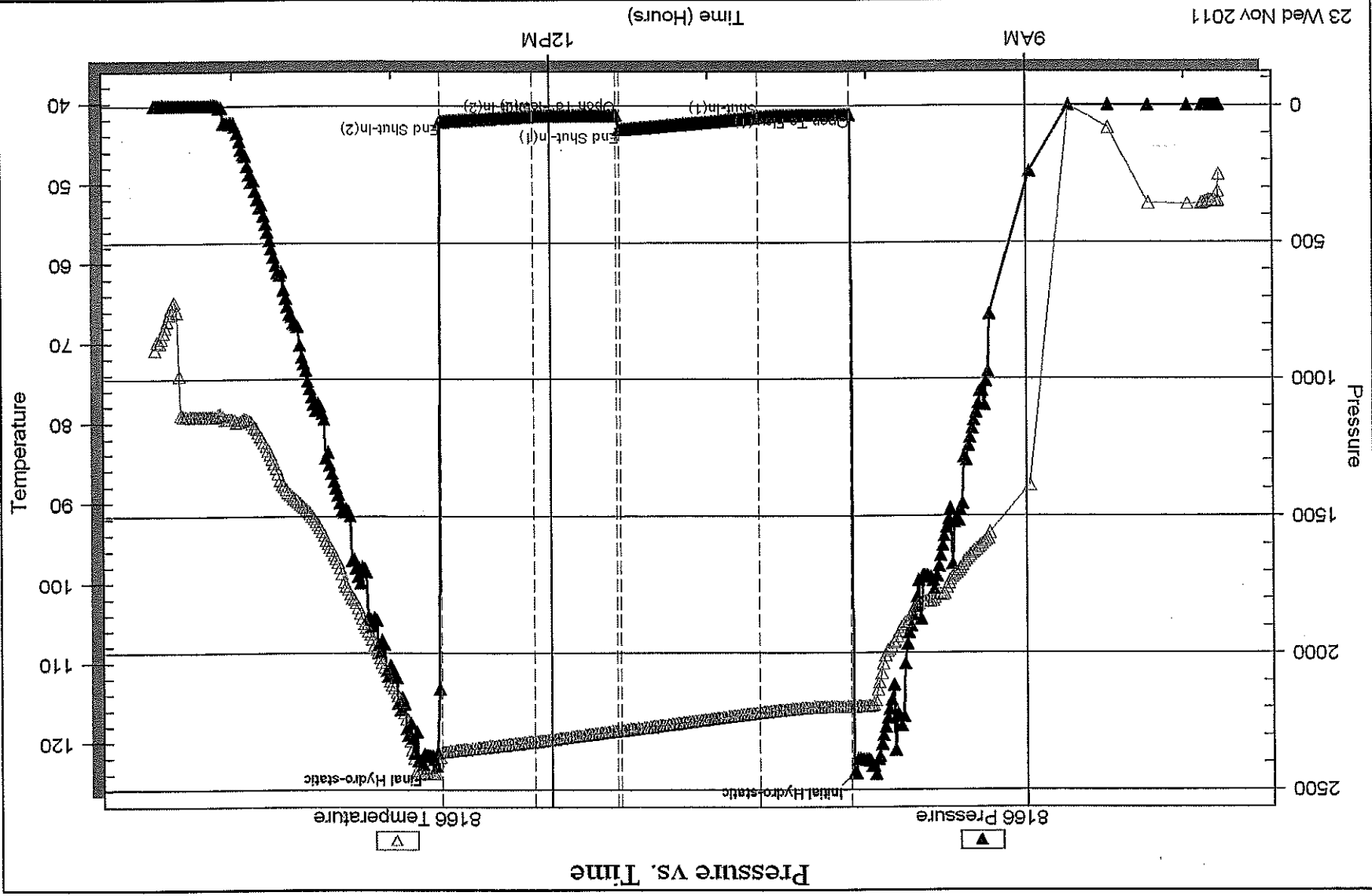
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	mud	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0 Num Gas Borbs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

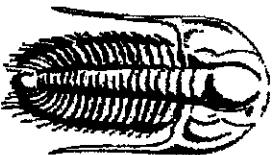


Pressure vs. Time

Final Hydro-static 8166 Temperature

Initial Hydro-static 8166 Pressure

Open To Flow (1)
Shut-In(1)
End Shut-In(1)
Shut-In(2)
End Shut-In(2)



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **N-10 Exploration LLC**

PO Box 195
Attica KS 67009

ATTN: Randy Newberry/Tim P

10-34s-11w Barber,KS

Medicine River Ranch D-3

Start Date: 2011.11.24 @ 01:21:37

End Date: 2011.11.24 @ 11:19:37

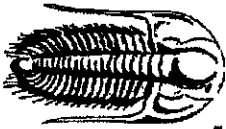
Job Ticket #: 44109 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2011.12.01 @ 13:57:16



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

N-10 Exploration LLC
PO Box 195
Aticca KS 67009
ATTN: Randy Newberry/Timp P

Medicine River Ranch D-3
10-346-11w Barber,KS
Job Ticket: 44109 DST#: 3
Test Start: 2011.11.24 @ 01:21:37

GENERAL INFORMATION:

Formation: **Viola**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 06:14:22
Time Test Ended: 11:19:37
Interval: **4914.00 ft (KB) To 4934.00 ft (KB) (TVD)**
Total Depth: **4934.00 ft (KB) (TVD)**
Hole Diameter: **7.88** inches Hole Condition: **Fair**

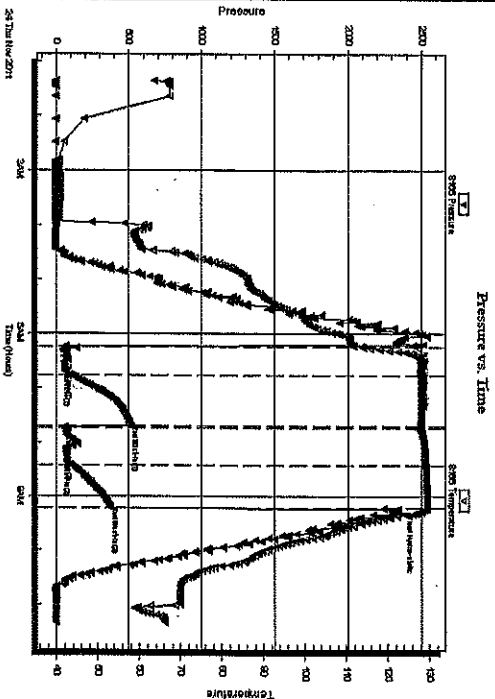
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Chris Staats**
Unit No: **34**
Reference Elevations: **1380.00 ft (KB)**
1370.00 ft (CF)
10.00 ft
KB to GRICF:

Serial #: 8166 **Outside**
Press.@RunDepth: **98.63 psig @ 4915.00 ft (KB)**
Start Date: **2011.11.24** End Date: **2011.11.24**
Start Time: **01:21:42** End Time: **11:19:37**

Capacity: **8000.00 psig**
Last Callb.: **2011.11.24**
Time On Birt: **2011.11.24 @ 06:13:07**
Time Off Birt: **2011.11.24 @ 09:14:22**

TEST COMMENT:

IF: Strong blow BOB 8 min
IS: Weak surface blow back
FF: Strong blow BOB 23 min
FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2446.48	111.71	Initial Hydro-static
2	58.70	113.76	Open To Flow (1)
34	104.19	128.07	Shut-In(1)
90	512.91	128.01	End Shut-In(1)
92	58.45	126.85	Open To Flow (2)
133	98.63	129.12	Shut-In(2)
180	372.96	129.56	End Shut-In(2)
182	2342.38	129.03	Final Hydro-static

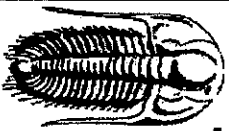
Recovery

Length (ft)	Description	Volume (bbl)
0.00	310' GIP	0.00
90.00	W/M 10% water 90% mud	0.44
60.00	Slight oil cut M/W 1%oil 9% mud 90% w @10.59	

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

N-10 Exploration LLC

Medicine River Ranch D-3

PO Box 195

10-34s-11w Barber, KS

Attica KS 67009

Job Ticket: 44109

DST#: 3

ATTN: Randy Newberry/Tim P

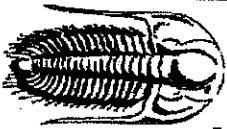
Test Start: 2011.11.24 @ 01:21:37.

Tool Information

Drill Pipe:	Length: 4793.00 ft	Diameter: 3.80 inches	Volume: 67.23 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: 25000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume:</u> 67.81 bbl	Tool Chased 2.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	4914.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	41.00 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			4894.00	
Shut In Tool	5.00			4899.00	
Hydraulic tool	5.00			4904.00	
Packer	5.00			4909.00	21.00 Bottom Of Top Packer
Packer	5.00			4914.00	
Stub	1.00			4915.00	
Recorder	0.00	6773	Outside	4915.00	
Recorder	0.00	8166	Outside	4915.00	
Perforations	16.00			4931.00	
Bullnose	3.00			4934.00	20.00 Bottom Packers & Anchor
Total Tool Length:	41.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

N-10 Exploration LLC
PO Box 195
Attica KS 67009
ATTN: Randy Newberry/Tim P

Medicine River Ranch D-3
10-34s-11w Barber,KS
Job Ticket: 44109 **DST#: 3**
Test Start: 2011.11.24 @ 01:21:37

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 39.00 sec/qt
Water Loss: 9.59 in³
Resistivity: 0.00 ohm*in
Salinity: 4000.00 ppm
Filter Cake: 0.02 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig
Oil API:
Water Salinity: ppm
deg API

Recovery Information

Recovery Table

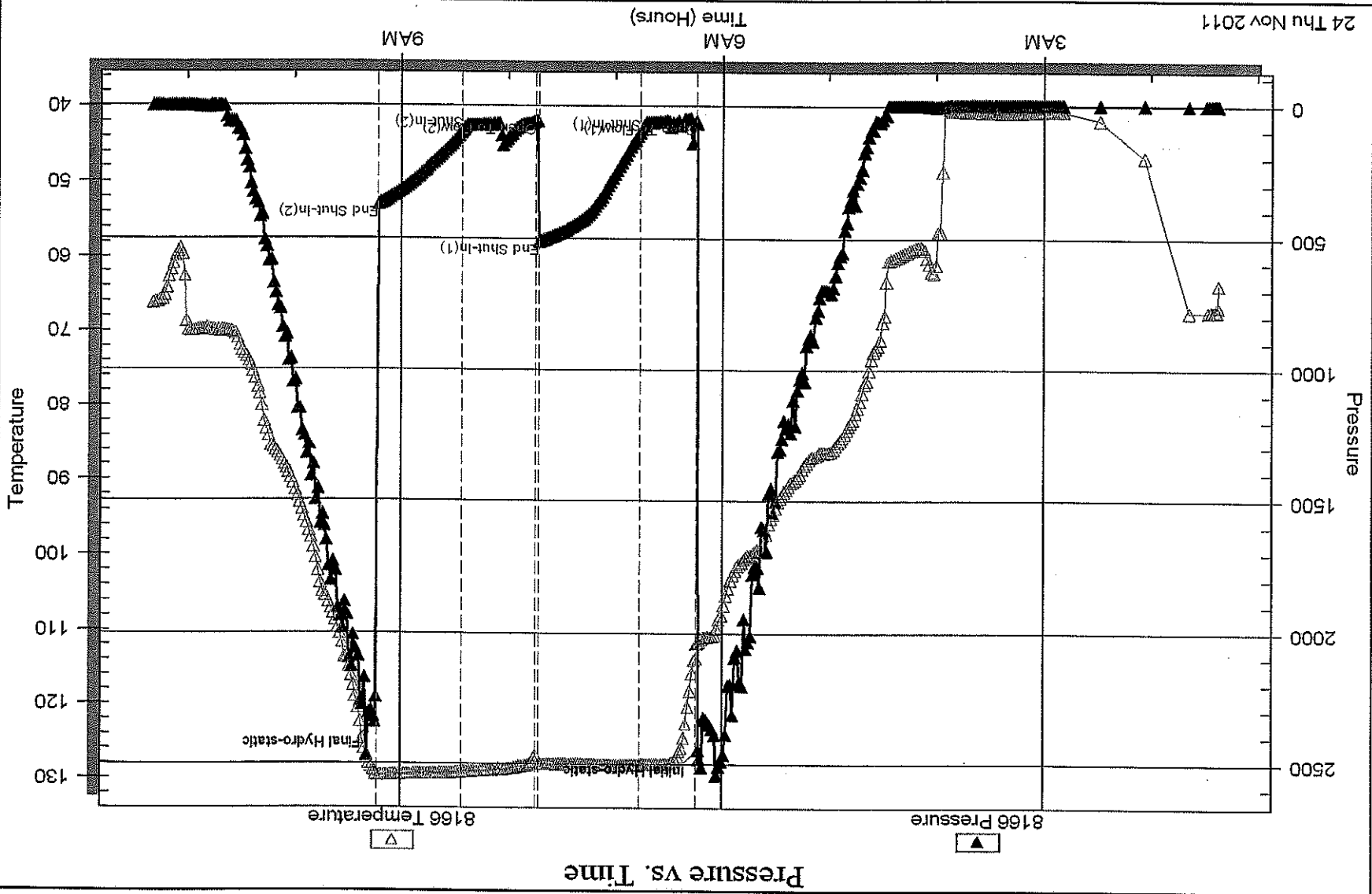
Length ft	Description	Volume bbl
0.00	310' GIP	0.000
90.00	W/M 10% water 90% mud	0.443
60.00	Slight oil cut MW 1%oil 9% mud 90% water	0.587

Total Length: 150.00 ft Total Volume: 1.030 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:



Timothy G. Pierce

Petroleum Geologist

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY N-10 Exploration, LLC
 LEASE Medicine River Ranch 'D' #3
 FIELD Landis
 LOCATION SE SE
 SEC 10 TWP 34S RGE 11W
 COUNTY Barber STATE Kansas
 CONTRACTOR Hardt Drilling Rig #1
 SPUD 11-17-2011 COMP 11-27-2011
 RTD 5102 LTD 5100
 MUD UP 2861 TYPE MUD Chemical

ELEVATIONS

KB 1380'
 DF _____
 GL 1370'
 Measurements Are All
 From Kelly Bushing

CASING

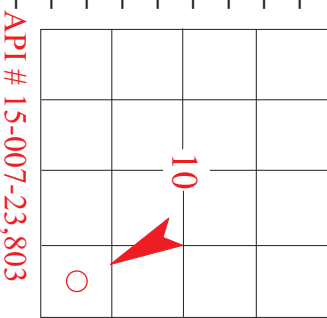
CONDUCTOR _____
 SURFACE 8-5/8" at 269'
 PRODUCTION 5-1/2" at 5094'

ELECTRICAL SURVEYS

DIL / CN-CD
Log-Tech

FORMATION TOPS

FORMATION TOPS	ELECTRIC LOG	SAMPLE
Heebner Sh.	3634 (-2254)	NA
Latan LS.	4053 (-2673)	4054 (-2674)
Stark Sh.	4318 (-2938)	4318 (-2938)
Cherokee Sh.	4537 (-3157)	4539 (-3159)
Mississippi	4575 (-3195)	4578 (-3198)
Viola	4910 (-3530)	4911 (-3531)
Simpson	5003 (-3623)	5005 (-3625)



API # 15-007-23,803

REMARKS Samples and electric logs indicate a probable productive zone in the top of the Mississippi from 4585'-4660', this interval should be perforated and fracture treated for production.

A sample show in the Meisner Sand at 4886'-4888' was evaluated by DST with negative results

A sample show in the Viola at 4914'-4920' was evaluated by DST with negative results.

A sample show was observed in the Simpson sand at 5014'-5022', electric logs indicate a tight sand, this interval should be evaluated before the well is plugged


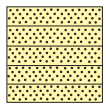
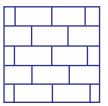
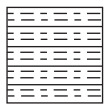

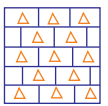

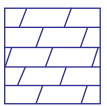
A gas kick was registered in the Pawnee LS from 4493'-4497', this zone should be considered before the well is plugged


A gas kick and sample show were observed in the Chattanooga Sh. at 4856'-4866', this should be considered before the well is plugged.

There were no other zones of interest indicated by samples or electric logs

Timothy G. Pierce

LEGEND

							
Anhydrite	Sandstone	Limestone	Shale	Carb Sh	Cherty LS	Chert	Dolomite

DRILLING TIME IN MINUTES PER FOOT
 Rate of Penetration Decreases


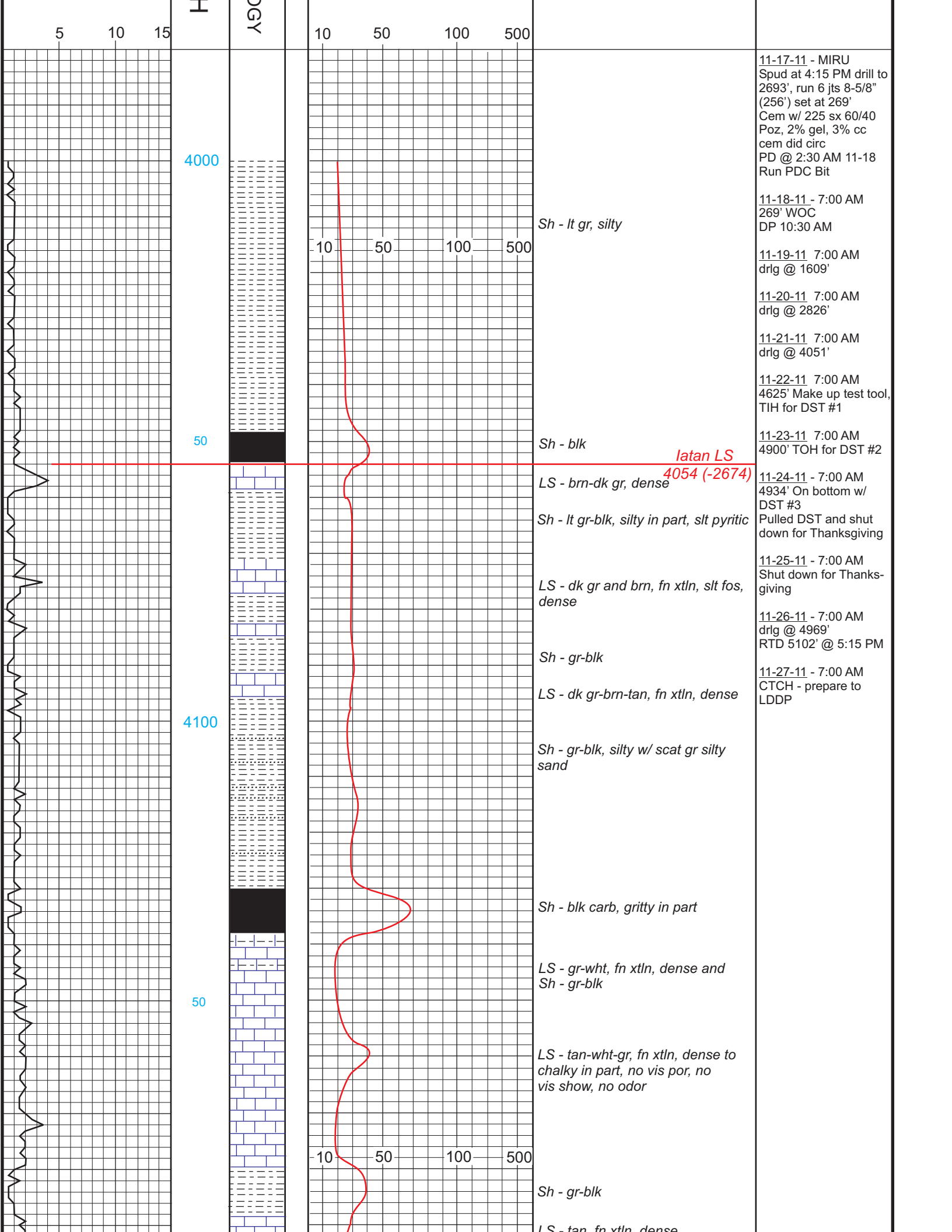
DEPTH

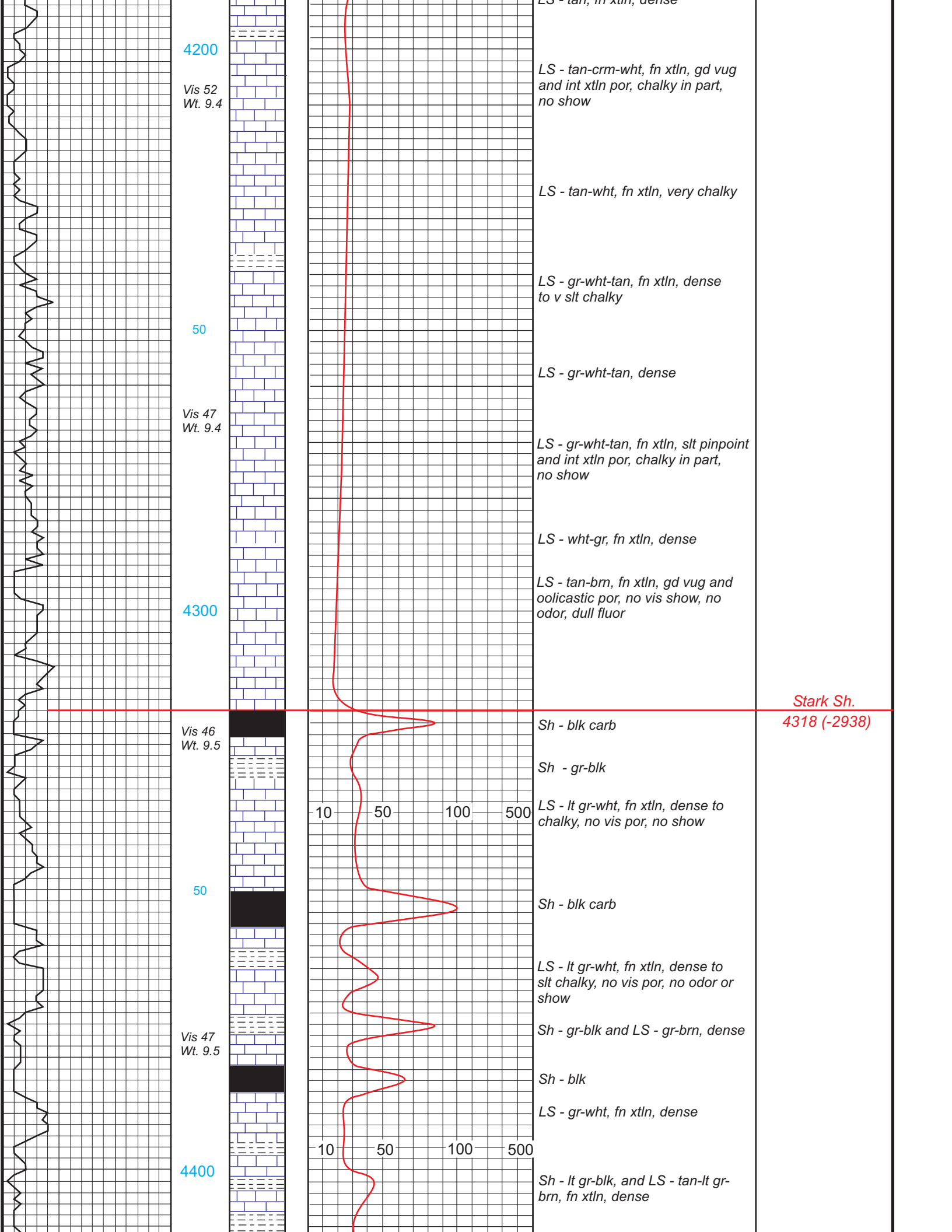
LITHOLOG

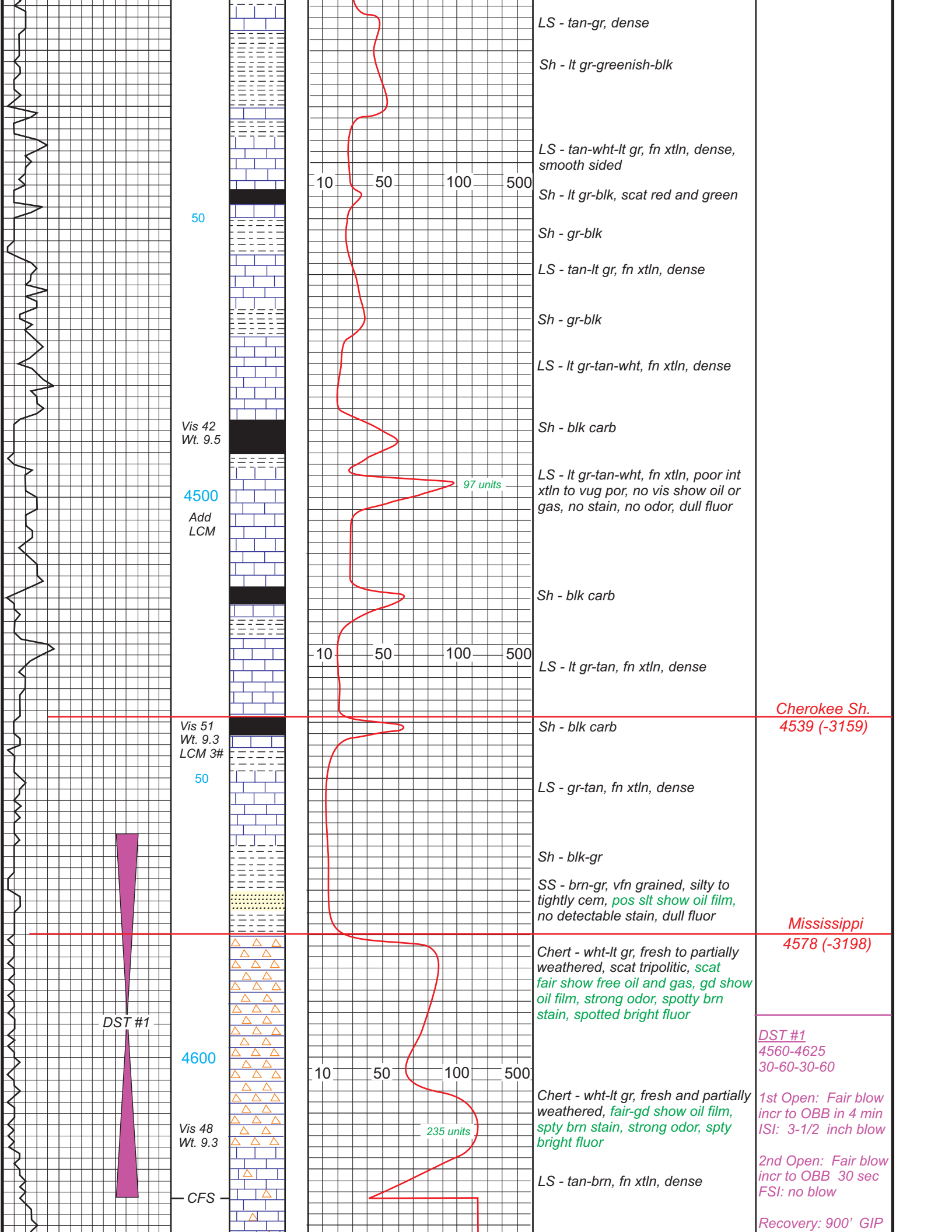
GAS SCALE

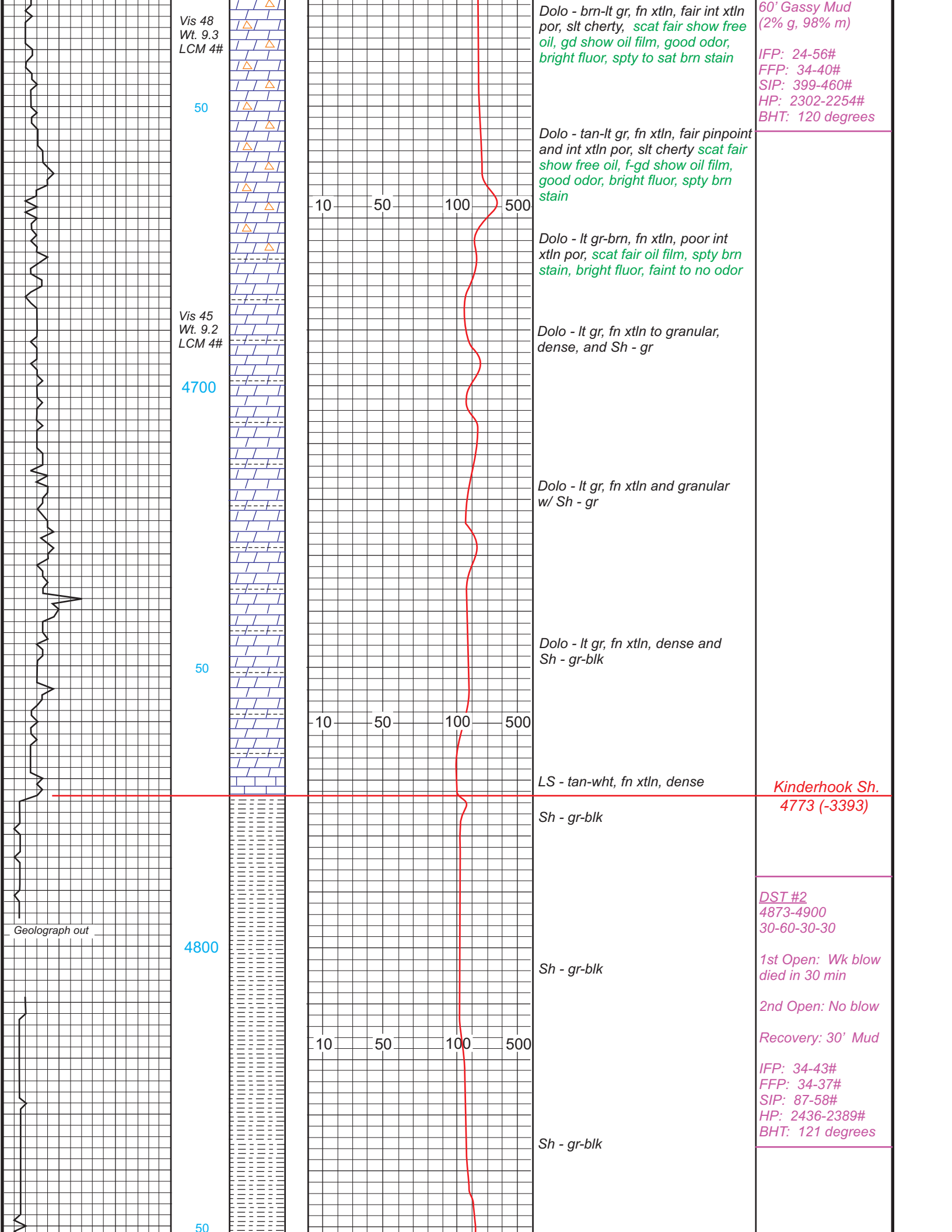
SAMPLE DESCRIPTION

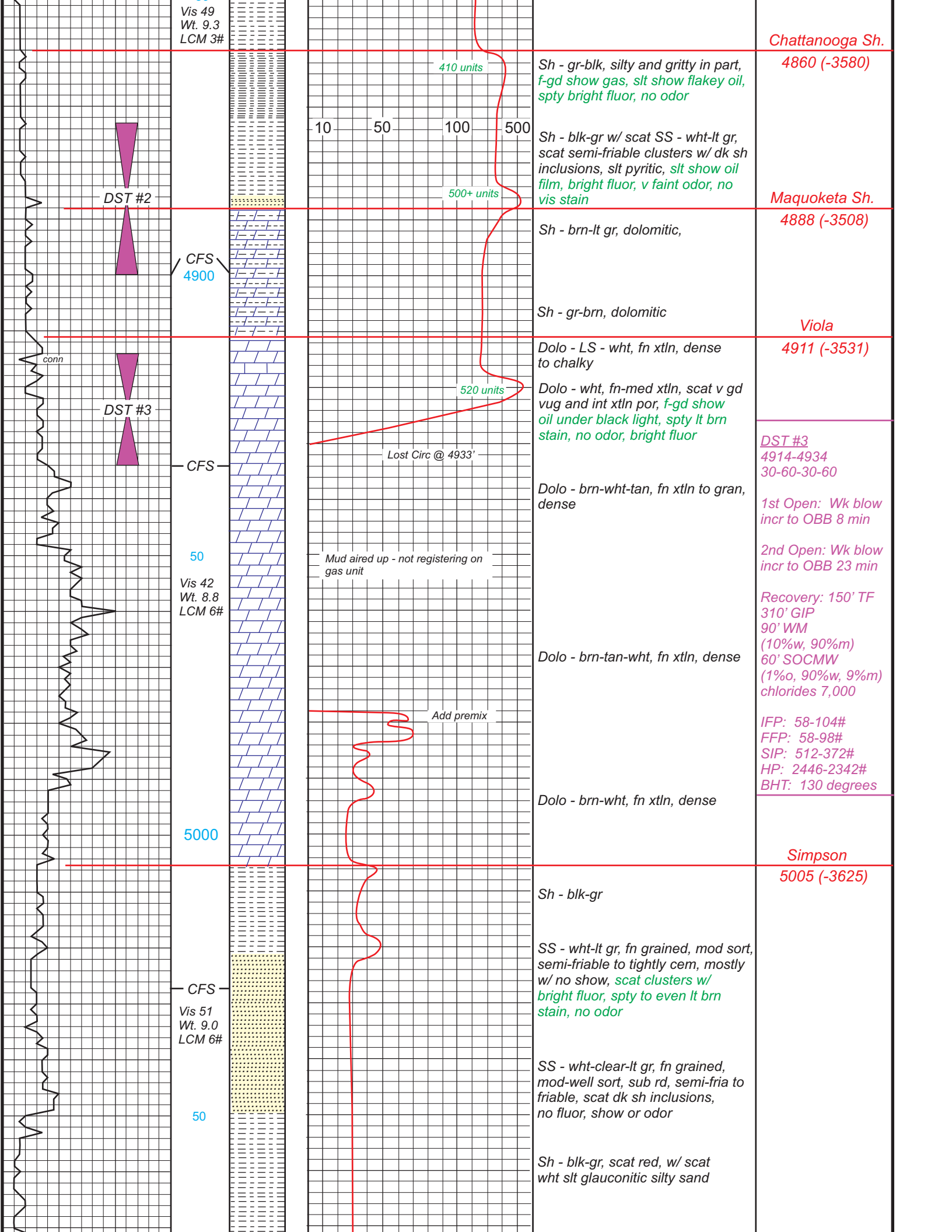
REMARKS

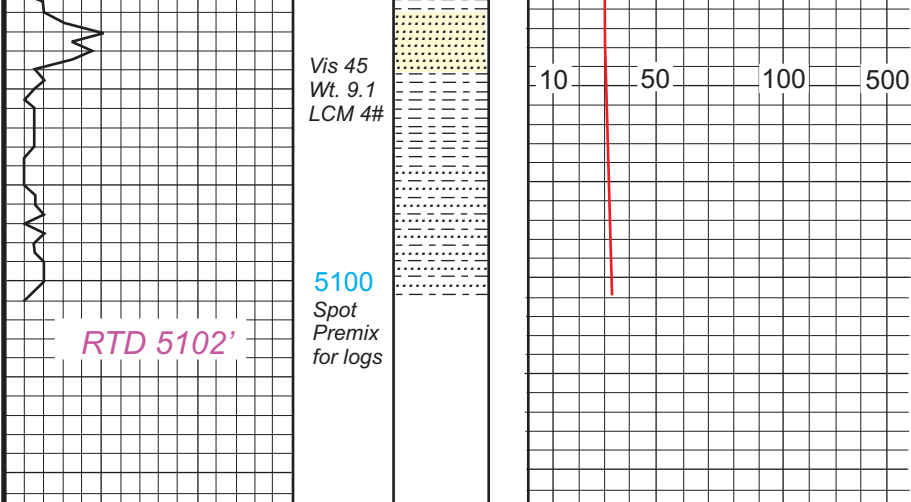








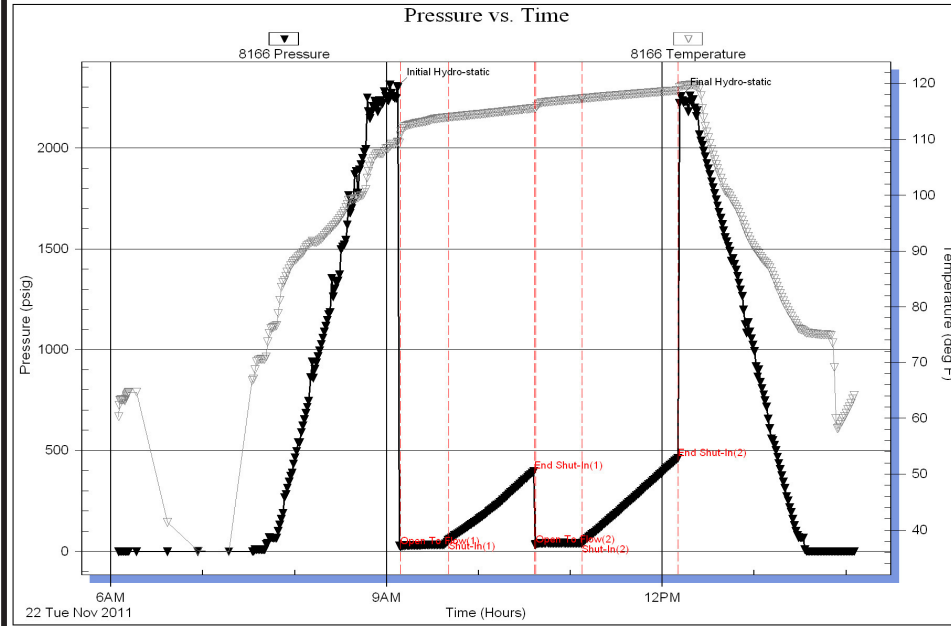




SS - wht-gr, fn grained, poorly sort,
sub ang, silty in part, friable, slt
glauconitic, slt pyritic, no show

Sh - blk-gr, w/ SS - gr-brn
silty in part, fn grained, poorly sort,
abundant dk mineral grains, no
show

Serial #: 8166 Outside N-10 Exploration LLC MedicineRiverRanchD3 DST Test Number: 1



DST #1
4560-4625
30-60-30-60

1st Open: Fair blow
incr to OBB in 4 min
ISI: 3-1/2 inch blow

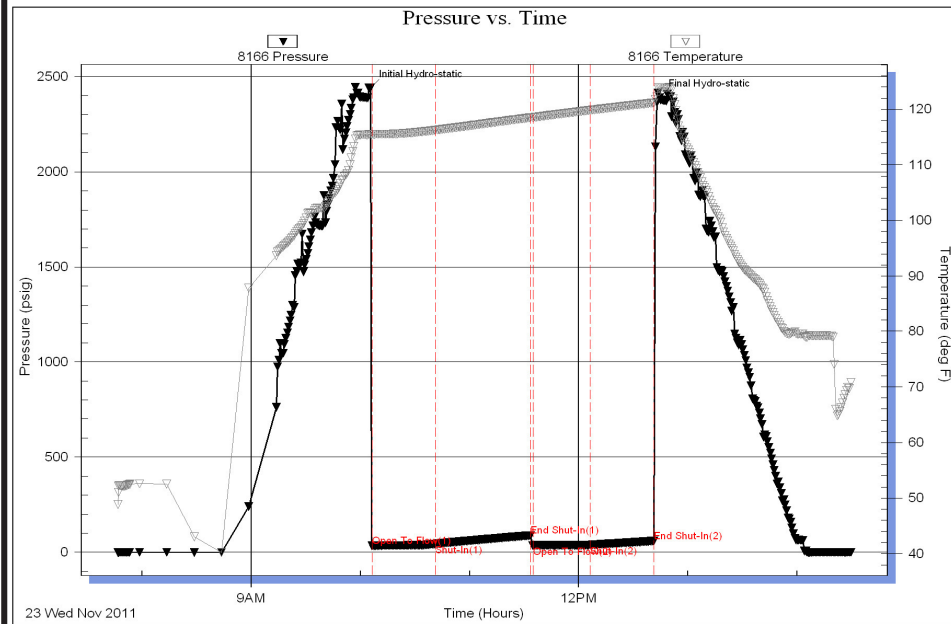
2nd Open: Fair blow
incr to OBB 30 sec
FSI: no blow

Recovery: 900' GIP
60' Gassy Mud
(2% g, 98% m)

IFP: 24-56#
FFP: 34-40#
SIP: 399-460#
HP: 2302-2254#
BHT: 120 degrees

Trilobite Testing, Inc Ref. No: 44107 Printed: 2011.11.22 @ 14:34:00

Serial #: 8166 Outside N-10 Exploration LLC MedicineRiverRanchD3 DST Test Number: 2



DST #2
4873-4900
30-60-30-30

1st Open: Wk blow
died in 30 min

2nd Open: No blow

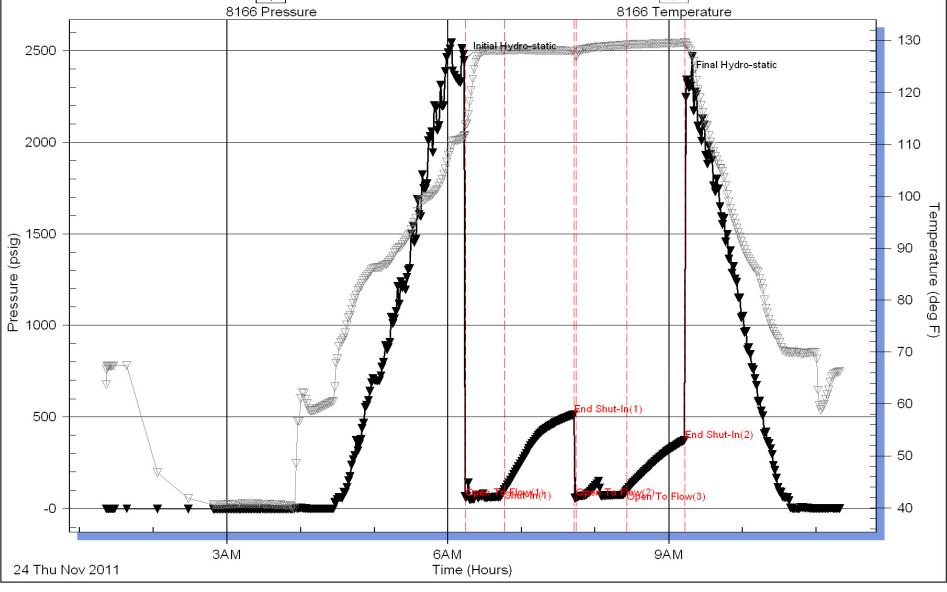
Recovery: 30' Mud

IFP: 34-43#
FFP: 34-37#
SIP: 87-58#
HP: 2436-2389#
BHT: 121 degrees

Trilobite Testing, Inc Ref. No: 44108 Printed: 2011.11.23 @ 14:50:00

Serial #: 8166 Outside N-10 Exploration LLC MedicineRiverRanchD3 DST Test Number: 3

Pressure vs. Time



DST #3
 4914-4934
 30-60-30-60

1st Open: Wk blow
 incr to OBB 8 min

2nd Open: Wk blow
 incr to OBB 23 min

Recovery: 150' TF
 310' GIP
 90' WM
 (10%w, 90%m)
 60' SOCMW
 (1%O, 90%w, 9%m)
 chlorides 7,000

IFP: 58-104#
 FFP: 58-98#
 SIP: 512-372#
 HP: 2446-2342#
 BHT: 130 degrees

