



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: _____



1083497

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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ALLIED CEMENTING CO., LLC. 038037

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Medicine Lodge, KS

DATE <u>02-25-12</u>	SEC. <u>10</u>	TWP. <u>34s</u>	RANGE <u>11w</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>2:00 AM</u>
LEASE <u>Medicine River Ranch</u> WELL# <u>D-4</u> LOCATION <u>281 1/2 Genlaine, East to Bethel</u> COUNTY <u>Barber</u> STATE <u>KS</u> OLD OR NEW (Circle one) <u>NEW</u> <u>Rd., South to Scott Canyon; 1/2 mi. N Past CG</u>							

CONTRACTOR Hardt #1 OWNER N-10

TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 265
 CASING SIZE 8 5/8 DEPTH 270
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 250# MINIMUM —
 MEAS. LINE SHOE JOINT N/A
 CEMENT LEFT IN CSG. 20'
 PERFS.
 DISPLACEMENT 16 Bbls Fresh H₂O

CEMENT AMOUNT ORDERED 225#s x 60:40:3% cc + 2% gel

COMMON <u>class A</u>	<u>135# @</u>	<u>2193.75</u>
POZMIX	<u>90# @</u>	<u>765.00</u>
GEL	<u>4# @</u>	<u>85.00</u>
CHLORIDE	<u>8# @</u>	<u>465.60</u>
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>237</u>	<u>533.25</u>
MILEAGE	<u>15.11 @ 237</u>	<u>391.07</u>
TOTAL		<u>4433.67</u>

REMARKS:

Pipe on B Hwy Break Circ. 10' truck Mix 225# x 60:40 cement Start Disp. w/ Fresh H₂O, See increase in PSI, Slow Rate, stop pump at 16 Bbls total, Shut in, Cement Circulated

SERVICE

DEPTH OF JOB	<u>270'</u>	
PUMP TRUCK CHARGE		<u>1125.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>30 @</u>	<u>210.00</u>
MANIFOLD	<u>N/A @</u>	<u>N/A</u>
	<u>Light Vehicle 30 @</u>	<u>120.00</u>
	@	

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

TOTAL 1455.00

PLUG & FLOAT EQUIPMENT

<u>NONE</u>	@	
	@	
	@	
	@	
	@	
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 5888.67
 DISCOUNT _____ IF PAID IN 30 DAYS 4710.92

PRINTED NAME Scott C Adelhardt
 SIGNATURE Scott C Adelhardt

ALLIED CEMENTING CO., LLC. 038022

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Mel. Lodge

DATE <u>3-3-12</u>	SEC. <u>10</u>	TWP. <u>34s</u>	RANGE <u>11W</u>	CALLED OUT	ON LOCATION	JOB START <u>4:00 pm</u>	JOB FINISH <u>5:30 pm</u>
LEASE <u>M.H.R.</u>	WELL # <u>D-4</u>	LOCATION <u>Garlane together, south to Scott camp</u>			COUNTY <u>Garber</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>West across C.G. N on L.R. E into</u>					

CONTRACTOR Hardt Rig #1 OWNER N-10 Exploration

TYPE OF JOB production
 HOLE SIZE 7 7/8 T.D. 5074'
 CASING SIZE 5 1/2 DEPTH 5076'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 1200 psi MINIMUM
 MEAS. LINE SHOE JOINT 41'
 CEMENT LEFT IN CSG. 41'
 PERFS.
 DISPLACEMENT 124 bbls 2 1/4 WCL

CEMENT AMOUNT ORDERED
150 sk class H+10% salt + 6" 1/2 seal
40 sk 60:40:4% gel + 4% SWS
Clapir 15 gal ABF 500 gal

COMMON <u>A</u>	<u>24 SK</u>	@ <u>16.25</u>	<u>390.00</u>
POZMIX	<u>16 SK</u>	@ <u>8.50</u>	<u>136.00</u>
GEL	<u>2 SK</u>	@ <u>21.25</u>	<u>42.50</u>
CHLORIDE		@	
ASC		@	
<u>H =</u>	<u>150 SK</u>	@ <u>19.25</u>	<u>2887.50</u>
<u>Salt</u>	<u>15 SK</u>	@ <u>12.00</u>	<u>180.00</u>
<u>1/2 seal</u>	<u>750 #</u>	@ <u>89</u>	<u>667.50</u>
<u>Clapir</u>	<u>13 Gal</u>	@ <u>31.25</u>	<u>406.25</u>

EQUIPMENT
 PUMP TRUCK CEMENTER Matt Thimesch
 # 360/266 HELPER Sason Thimesch
 BULK TRUCK
 # 364 DRIVER Brett Gorn
 BULK TRUCK
 # DRIVER

HANDLING 222 @ 2.25 499.50
 MILEAGE 222/15/-11 366.30
 TOTAL 5575.55

REMARKS:

Bulk etc. pump ball through
pump 20 bbls 2 1/4 WCL pump 3H20
pump 500 gal ABF pump 3H20
plug Rotble with 15 sk
pump 25 sk scavenger pump 150 sk cement
stop wash pump lines Release plug
plug with 2 1/4 WCL 1H20 at 95 bbls
pump plug 700 to 2000 gal of 124 bbls disp.
float did not hold pump up to 500 psi
Shut in

SERVICE

DEPTH OF JOB 5076'
 PUMP TRUCK CHARGE 2405.00
 EXTRA FOOTAGE @
 MILEAGE 15 @ 7.00 105.00
 MANIFOLD Head Rental @ 250.00
Light Vehicle 15 @ 4.00 60.00

CHARGE TO: N-10 Exploration
 STREET
 CITY STATE ZIP

TOTAL 2770.00

5 1/2 PLUG & FLOAT EQUIPMENT

<u>1- Reg guide shoe</u>	@	<u>100.00</u>
<u>1- APV insert</u>	@	<u>112.00</u>
<u>8- centralizers</u>	@ <u>32.20</u>	<u>257.60</u>
<u>10- scrapers</u>	@ <u>23.94</u>	<u>239.40</u>
<u>1- Rubber plug</u>	@	<u>66.00</u>

TOTAL 776.12

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 9126.67
 DISCOUNT 20% IF PAID IN 30 DAYS
Net 7297.33

PRINTED NAME TIM PIERCE
 SIGNATURE Tim Pierce

Timothy G. Pierce

Petroleum Geologist

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY N-10 Exploration, LLC
 LEASE Medicine River Ranch 'D' #4
 FIELD Landis
 LOCATION 1940' FSL & 450' FEL
 SEC 10 TWPSP 34S RGE 11W
 COUNTY Barber STATE Kansas
 CONTRACTOR Hardt Drilling Rig #1
 SPUD 2-24-2012 COMP 3-03-2012
 RTD 5090 LTD 5094
 MUD UP 3061 TYPE MUD Chemical
 SAMPLES SAVED FROM 4000 TO RTD
 DRILLING TIME KEPT FROM 4000 TO RTD
 SAMPLES EXAMINED FROM 4000 TO RTD
 GEOLOGICAL SUPERVISION FROM 4171' to RTD
 GEOLOGIST ON WELL Tim Pierce

ELEVATIONS

KB 1377'
 DF _____
 GL 1367'
 Measurements Are All
 From Kelly Bushing

CASING

CONDUCTOR _____
 SURFACE 8-5/8" at 268'
 PRODUCTION 5-1/2" at 5086'

ELECTRICAL SURVEYS

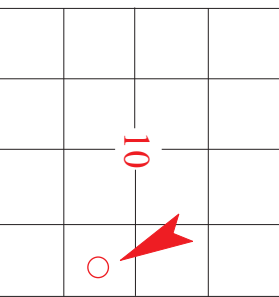
DIL / CN-CD
Log-Tech

FORMATION TOPS

ELECTRIC LOG

SAMPLE

Heebner Sh.	3630 (-2253)	NA
Latan LS.	4045 (-2668)	4042 (-2665)
Stark Sh.	4313 (-2936)	4310 (-2933)
Cherokee Sh.	4533 (-3156)	4529 (-3152)
Mississippi	4569 (-3192)	4568 (-3191)
Viola	4912 (-3535)	4910 (-3533)
Simpson	5002 (-3625)	4998 (-3621)

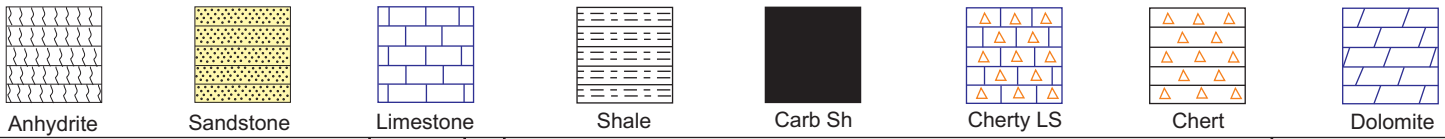


API # 15-007-23,807

REMARKS Samples and electric logs indicate a probable productive zone in the top of the Mississippi from 4584'-4672', this interval should be perforated and fracture treated for production.
A sample show in the Meisner Sand at 4886'-4888' was evaluated by DST, results indicate a possible productive zone, this should be perforated and tested further.
A gas kick and sample show were observed in the Chattanooga Sh. at 4854'-4883', this zone is potentially productive and should be considered for further treatment.
A very slight sample show was observed in the Simpson sand in the 5060' sample, electric logs indicate a water productive sand.
The Pawnee LS at 4489-96 had a slight increase on the gas chart and electric logs indicate possible zone development, this should be considered before abandonment. There were no other zones of interest indicated by samples or electric logs

Timothy G. Pierce

LEGEND



DRILLING TIME IN MINUTES PER FOOT
 Rate of Penetration Decreases

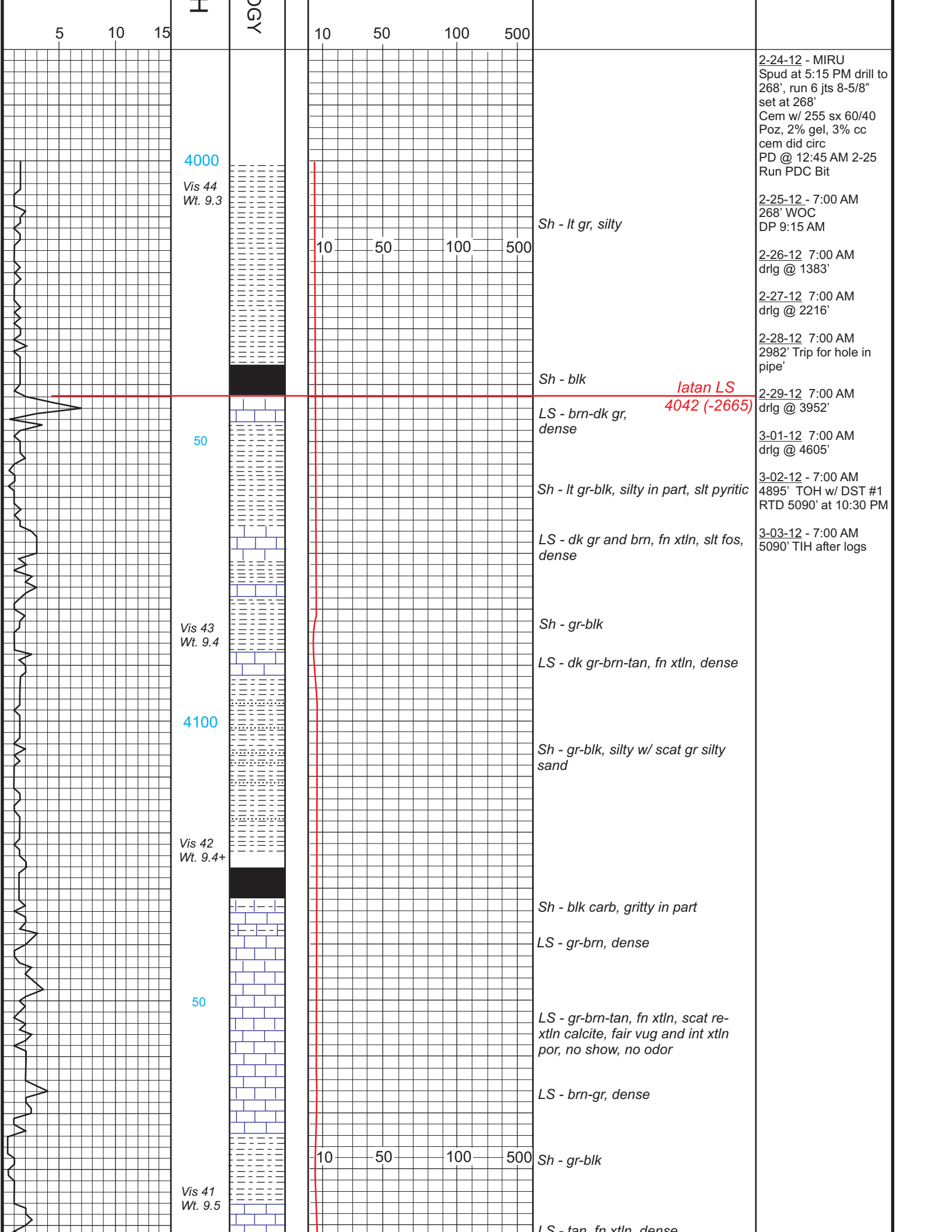
DEPTH

LITHOLOG

GAS SCALE

SAMPLE DESCRIPTION

REMARKS



4000

Vis 44
Wt. 9.3

50

Vis 43
Wt. 9.4

4100

Vis 42
Wt. 9.4+

50

Vis 41
Wt. 9.5

10 50 100 500

10 50 100 500

Sh - lt gr, silty

Sh - blk

LS - brn-dk gr,
dense

Sh - lt gr-blk, silty in part, slt pyritic

LS - dk gr and brn, fn xtl'n, slt fos,
dense

Sh - gr-blk

LS - dk gr-brn-tan, fn xtl'n, dense

Sh - gr-blk, silty w/ scat gr silty
sand

Sh - blk carb, gritty in part

LS - gr-brn, dense

LS - gr-brn-tan, fn xtl'n, scat re-
xtln calcite, fair vug and int xtl'n
por, no show, no odor

LS - brn-gr, dense

Sh - gr-blk

LS - tan, fn xtl'n, dense

Iatan LS
4042 (-2665)

2-24-12 - MIRU
Spud at 5:15 PM drill to
268', run 6 jts 8-5/8"
set at 268'
Cem w/ 255 sx 60/40
Poz, 2% gel, 3% cc
cem did circ
PD @ 12:45 AM 2-25
Run PDC Bit

2-25-12 - 7:00 AM
268' WOC
DP 9:15 AM

2-26-12 7:00 AM
drlg @ 1383'

2-27-12 7:00 AM
drlg @ 2216'

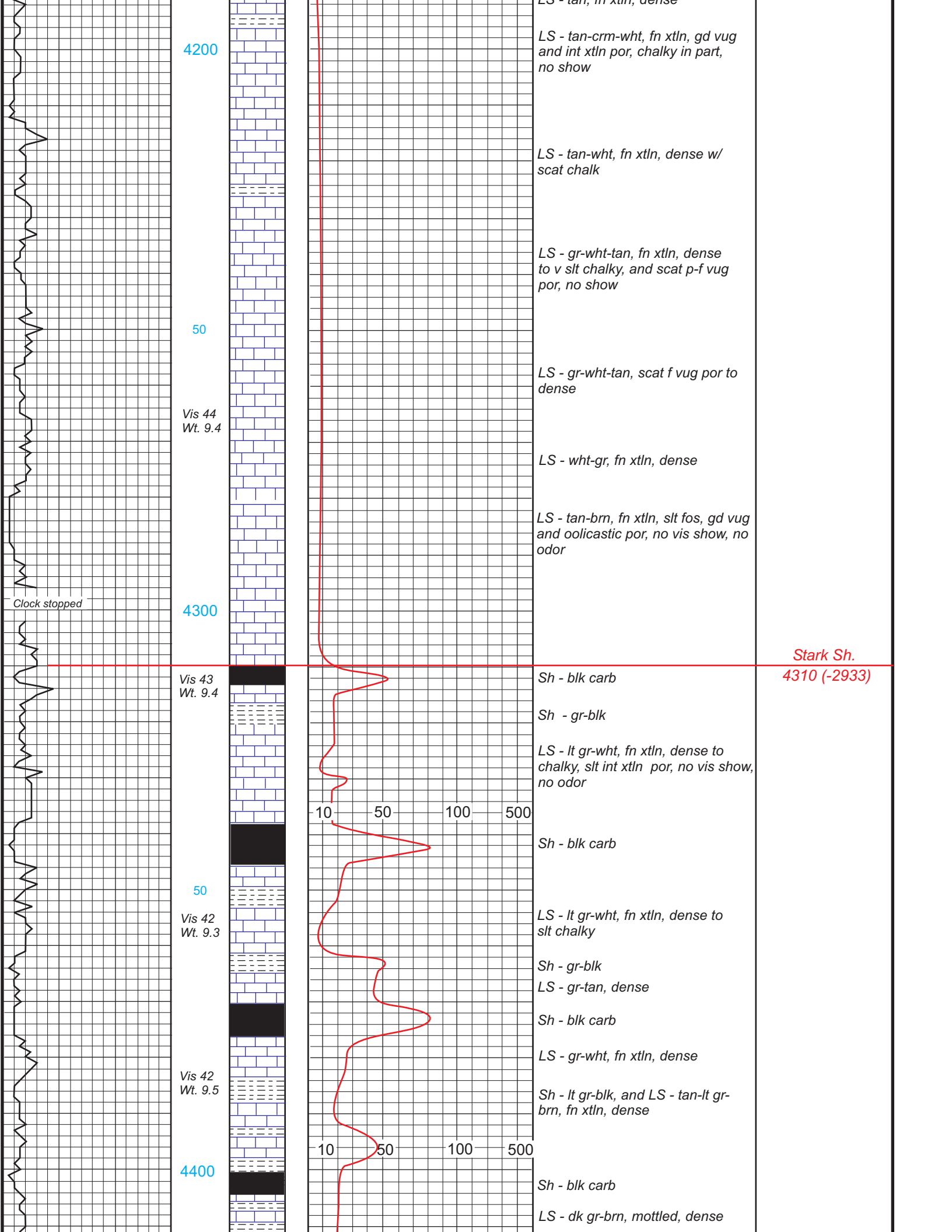
2-28-12 7:00 AM
2982' Trip for hole in
pipe'

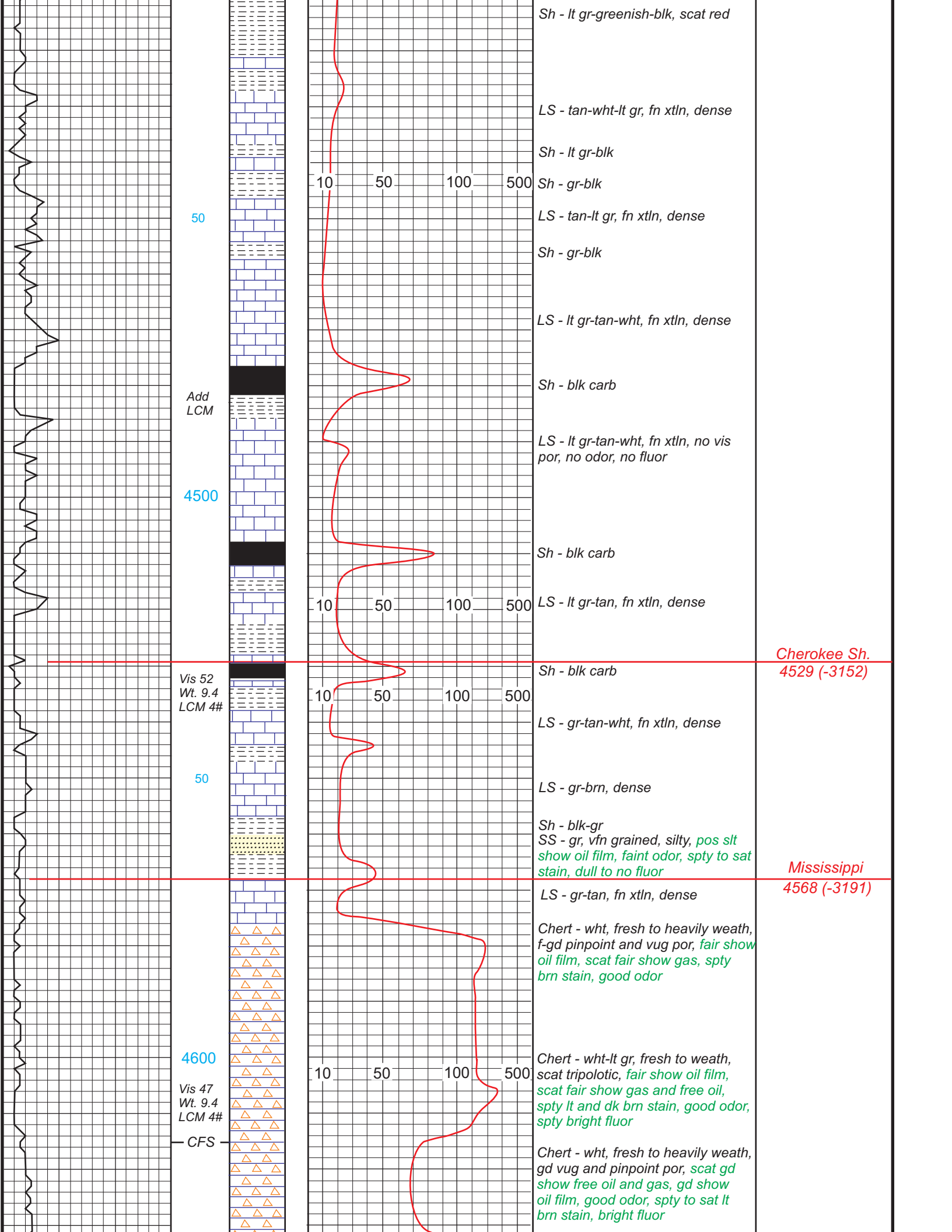
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drlg @ 3952'

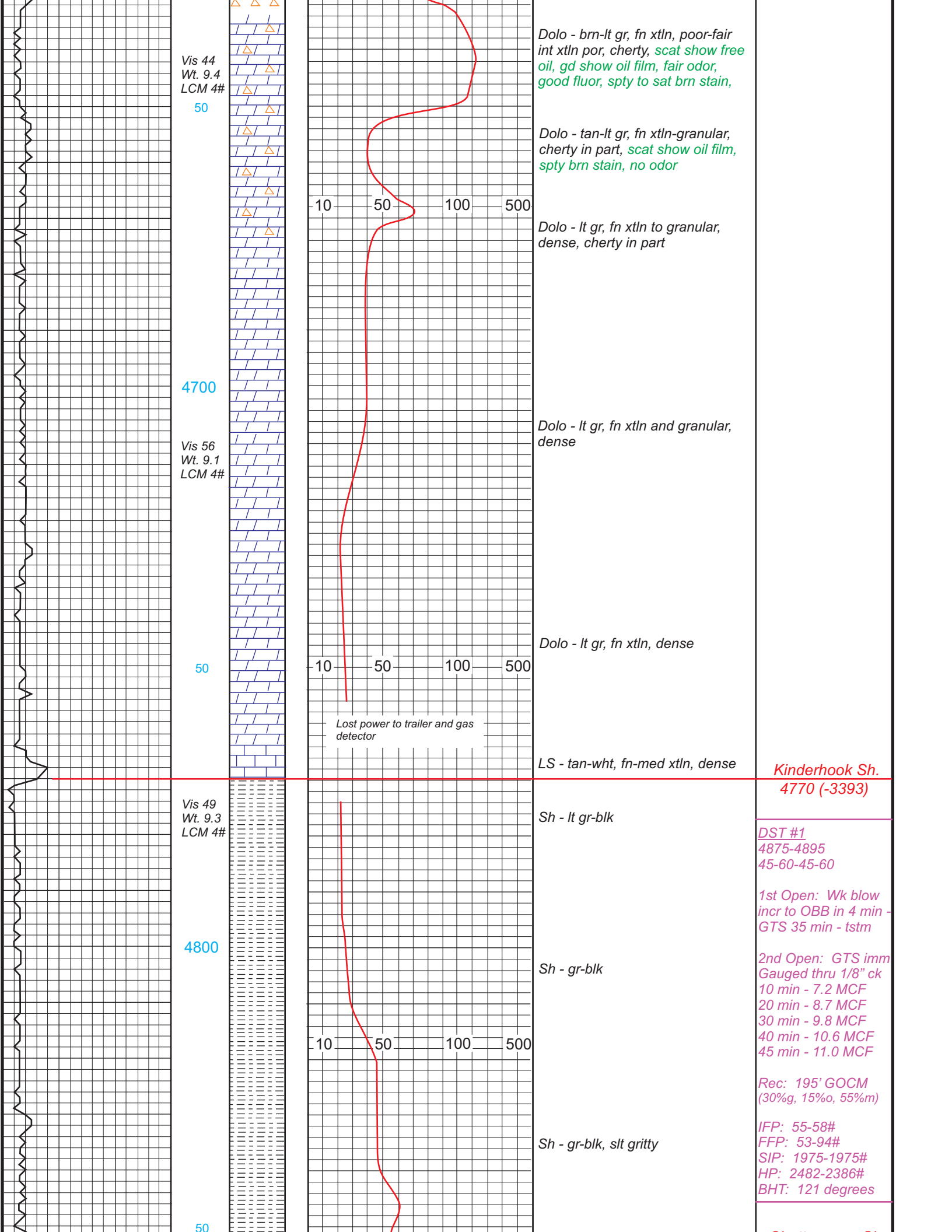
3-01-12 7:00 AM
drlg @ 4605'

3-02-12 - 7:00 AM
4895' TOH w/ DST #1
RTD 5090' at 10:30 PM

3-03-12 - 7:00 AM
5090' TIH after logs







Vis 44
Wt. 9.4
LCM 4#

50

Dolo - brn-lt gr, fn xtl, poor-fair int xtl por, cherty, *scat show free oil, gd show oil film, fair odor, good fluor, spty to sat brn stain,*

Dolo - tan-lt gr, fn xtl-granular, cherty in part, *scat show oil film, spty brn stain, no odor*

Dolo - lt gr, fn xtl to granular, dense, cherty in part

4700

Vis 56
Wt. 9.1
LCM 4#

Dolo - lt gr, fn xtl and granular, dense

Dolo - lt gr, fn xtl, dense

50

Lost power to trailer and gas detector

LS - tan-wht, fn-med xtl, dense

Kinderhook Sh.
4770 (-3393)

Vis 49
Wt. 9.3
LCM 4#

4800

Sh - lt gr-blk

DST #1
4875-4895
45-60-45-60

1st Open: Wk blow
incr to OBB in 4 min -
GTS 35 min - tstm

Sh - gr-blk

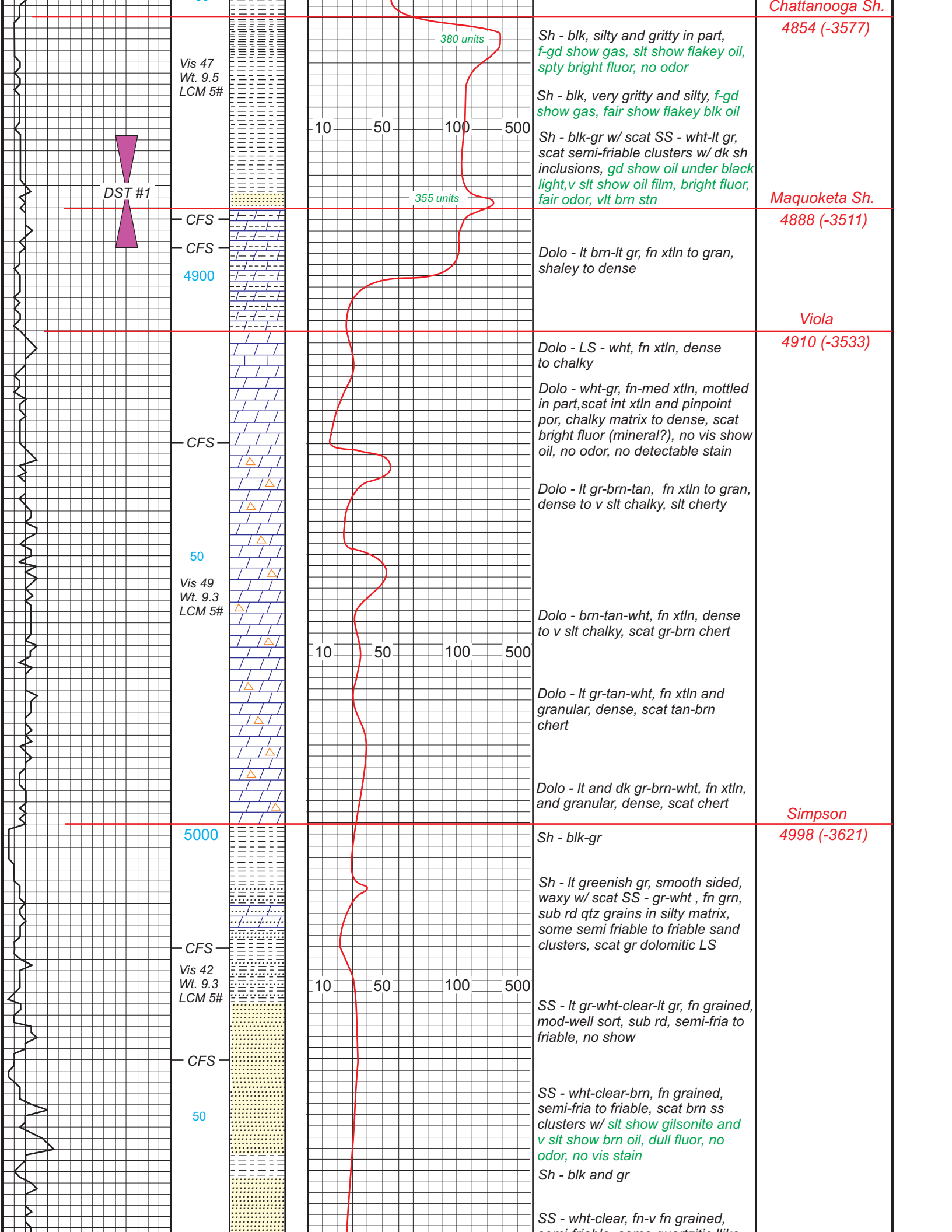
2nd Open: GTS imm
Gauged thru 1/8" ck
10 min - 7.2 MCF
20 min - 8.7 MCF
30 min - 9.8 MCF
40 min - 10.6 MCF
45 min - 11.0 MCF

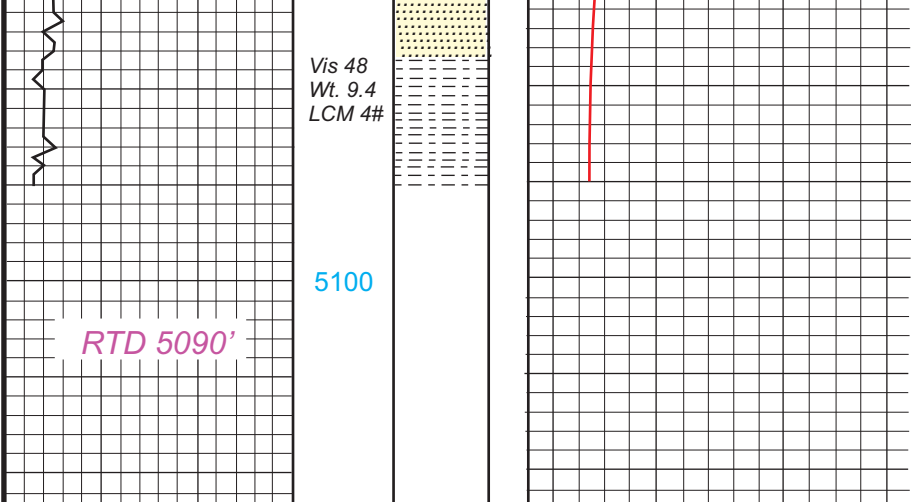
Sh - gr-blk, slt gritty

Rec: 195' GOCM
(30%g, 15%o, 55%m)

IFP: 55-58#
FFP: 53-94#
SIP: 1975-1975#
HP: 2482-2386#
BHT: 121 degrees

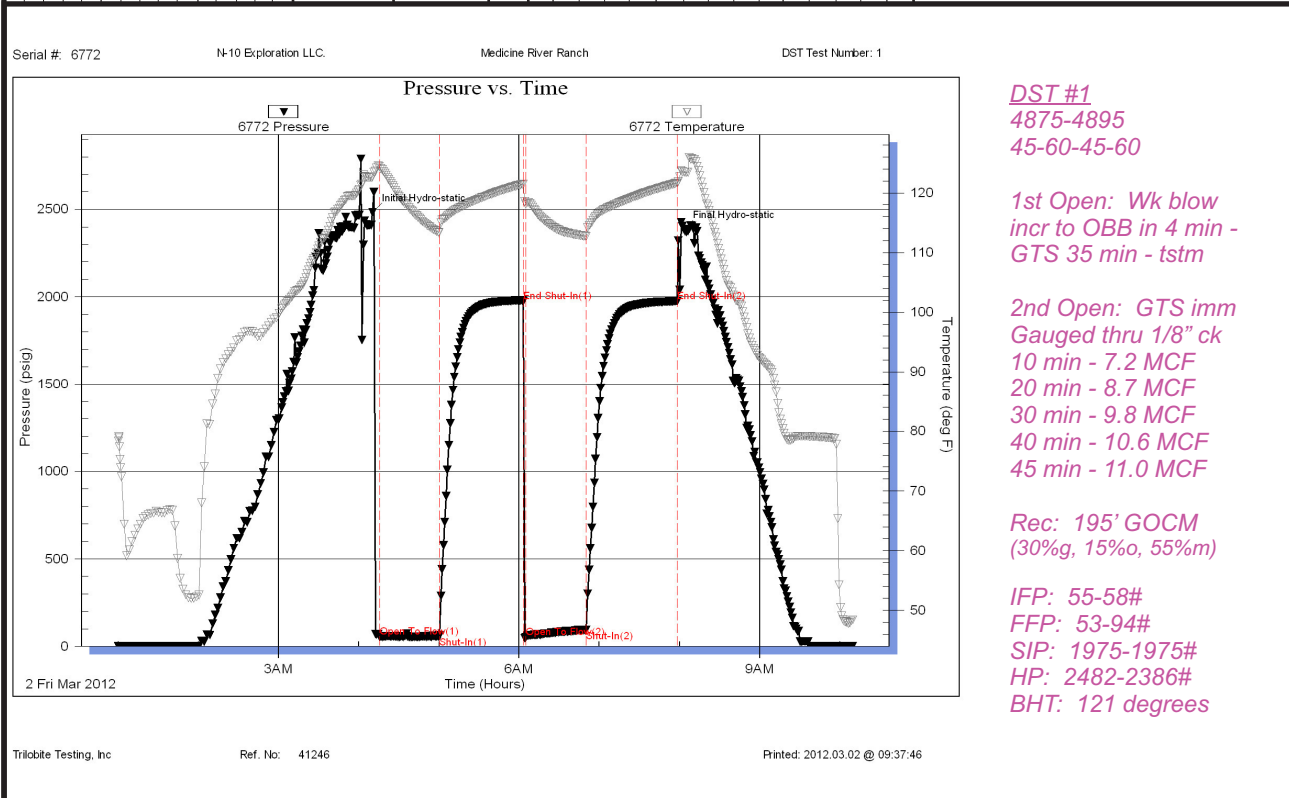
50





semi-riable, some quartzitic like,
slt glauconitic,

Sh - blk-gr, some green



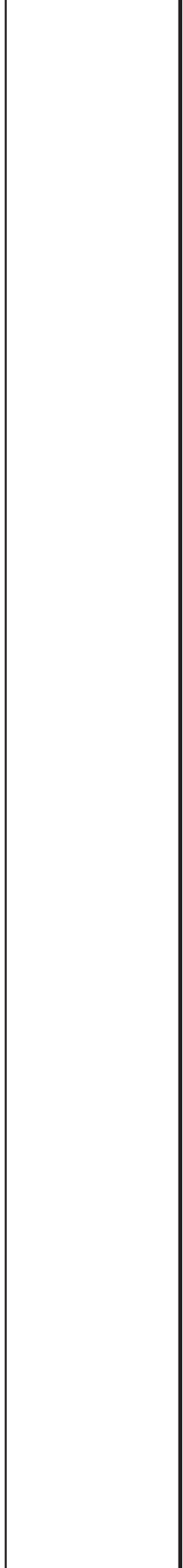
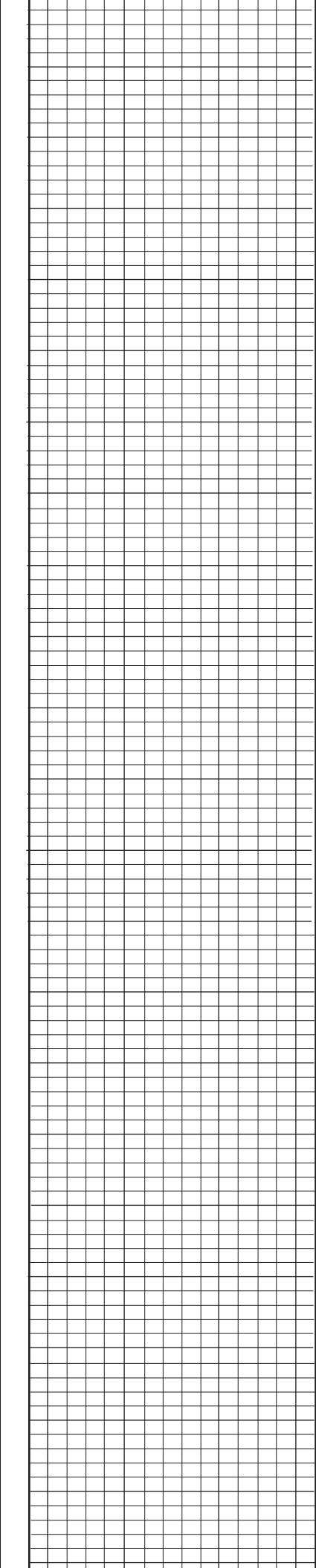
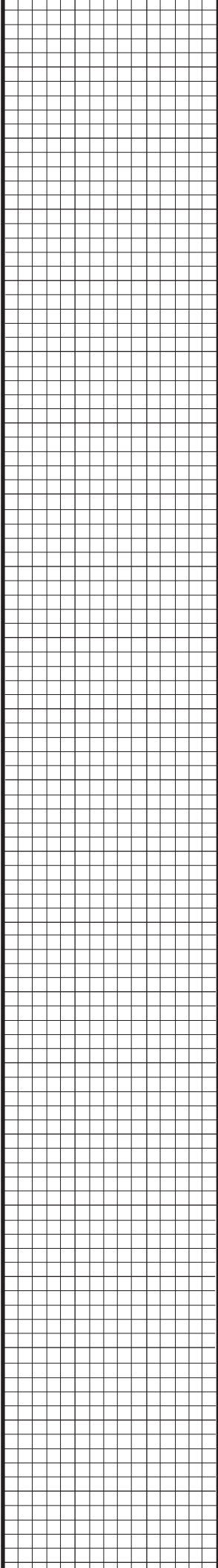
DST #1
4875-4895
45-60-45-60

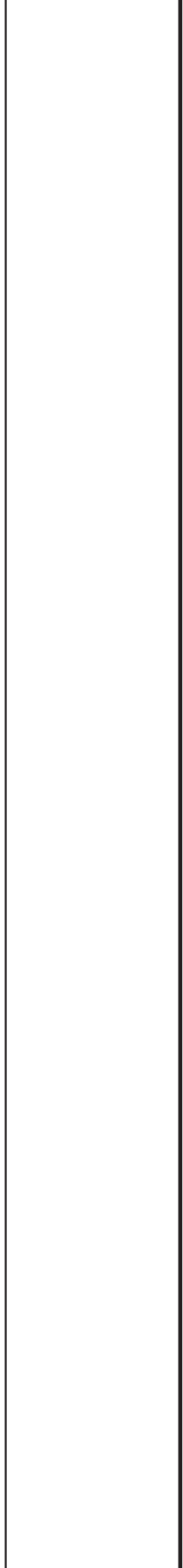
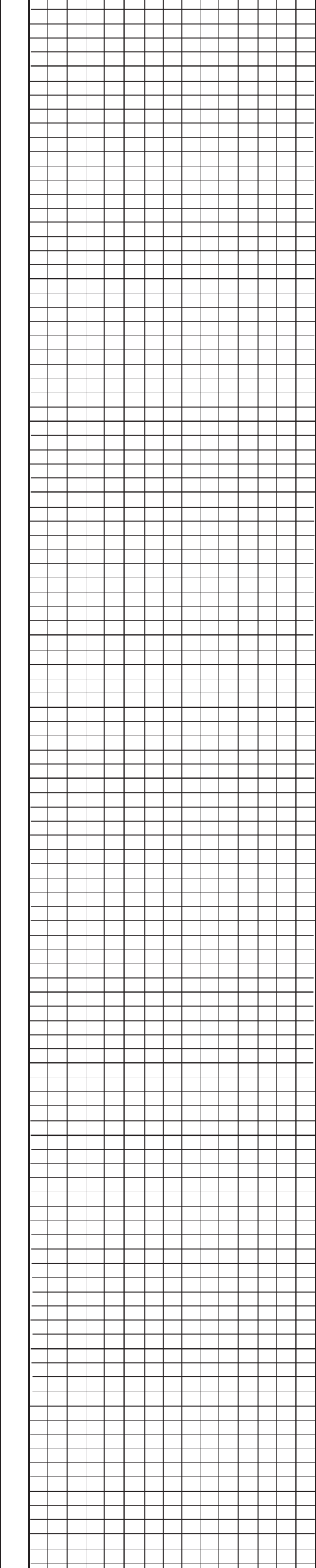
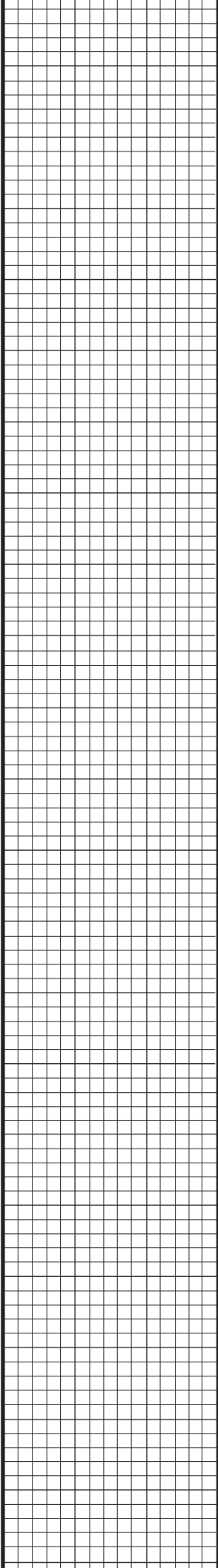
1st Open: Wk blow
incr to OBB in 4 min -
GTS 35 min - tstm

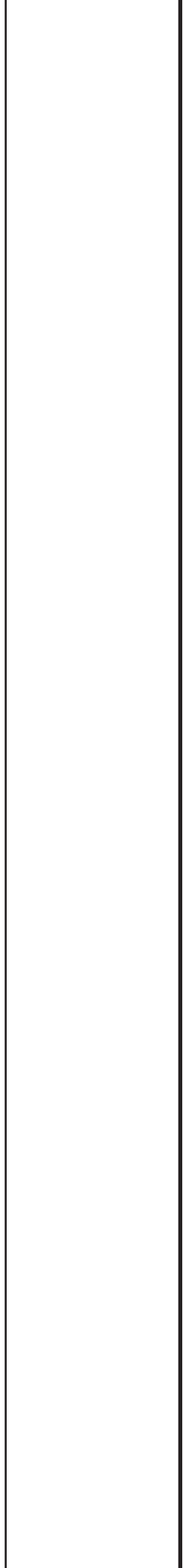
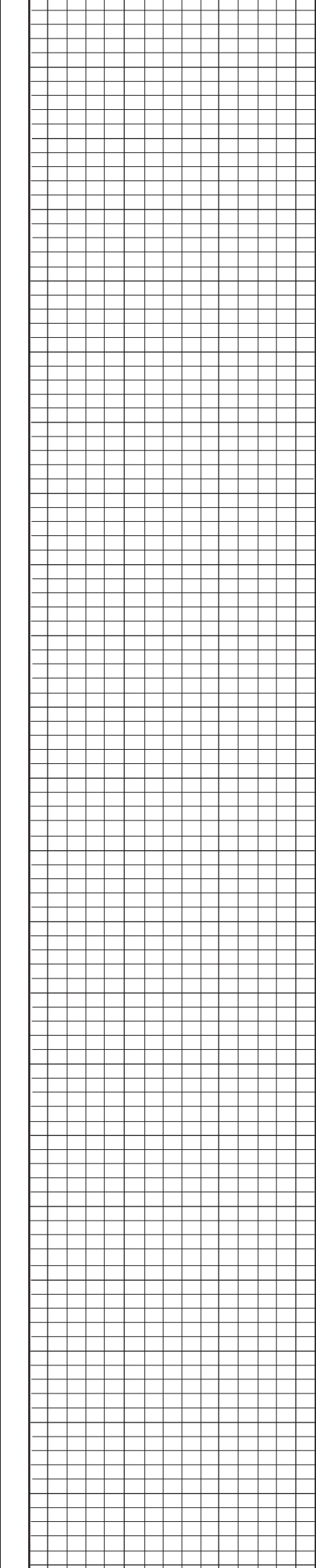
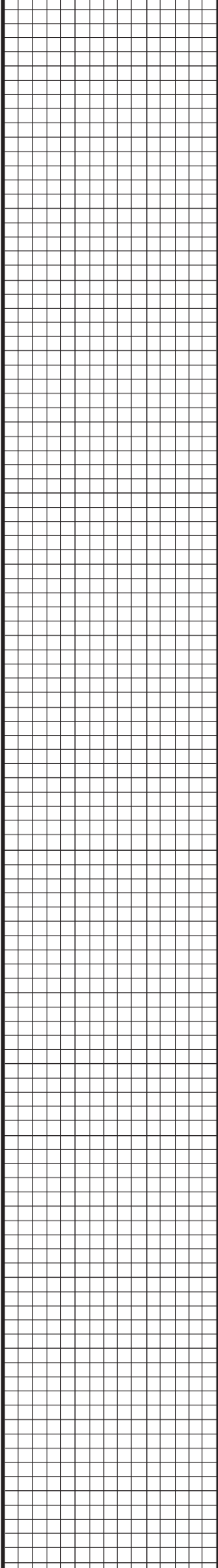
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Gauged thru 1/8" ck
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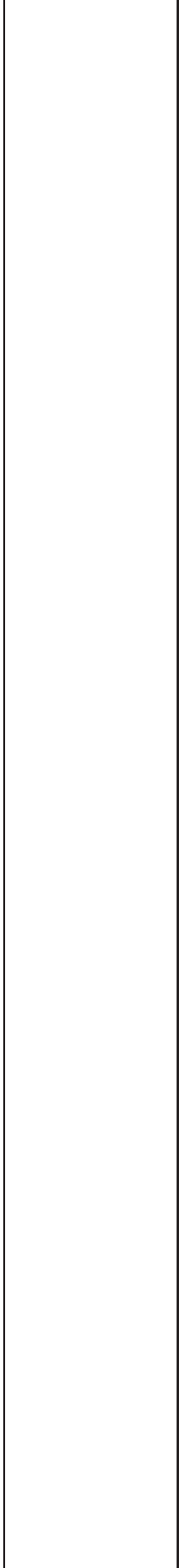
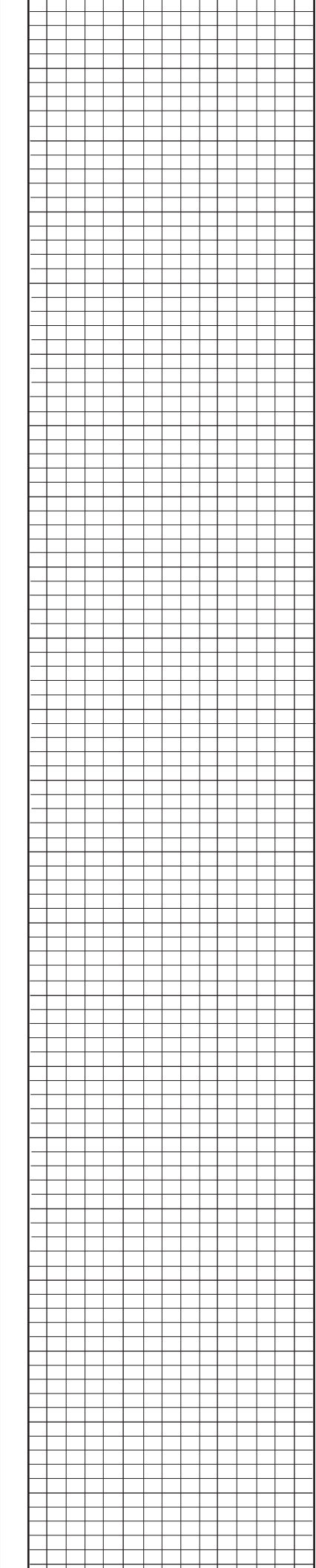
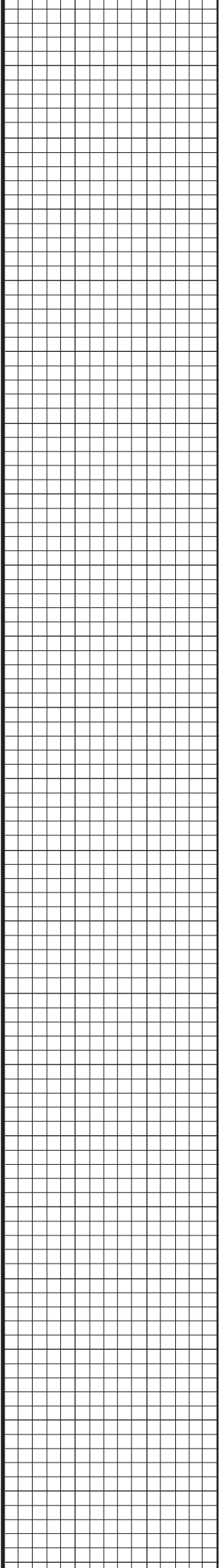
Rec: 195' GOCM
(30%g, 15%o, 55%m)

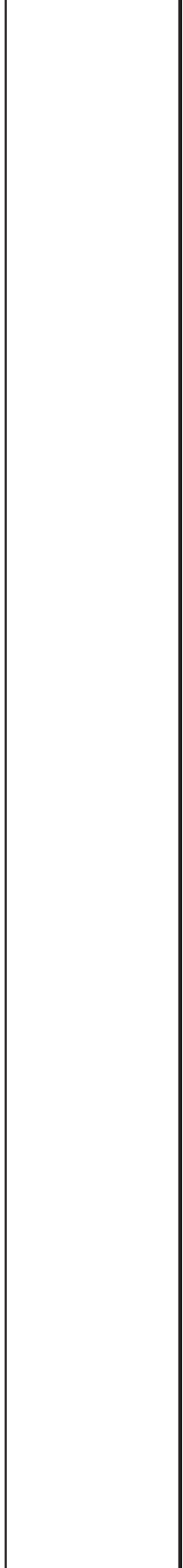
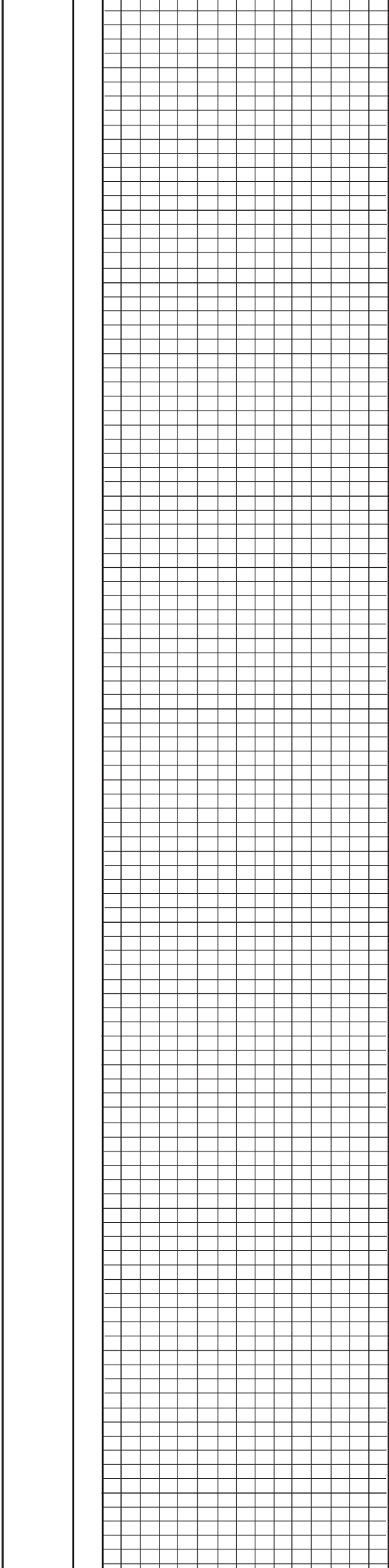
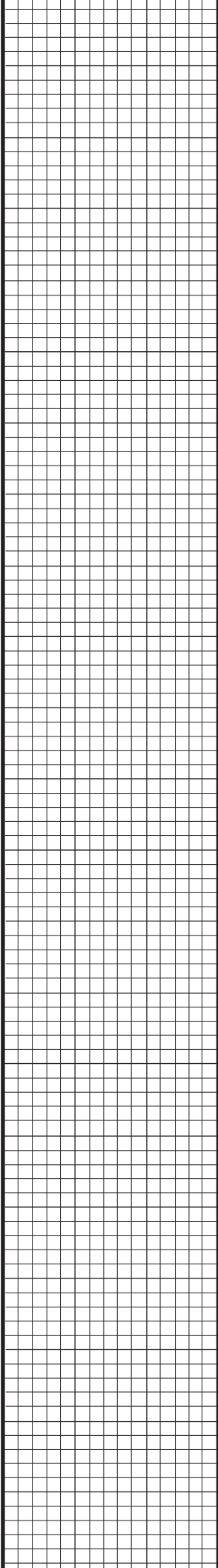
IFP: 55-58#
FFP: 53-94#
SIP: 1975-1975#
HP: 2482-2386#
BHT: 121 degrees

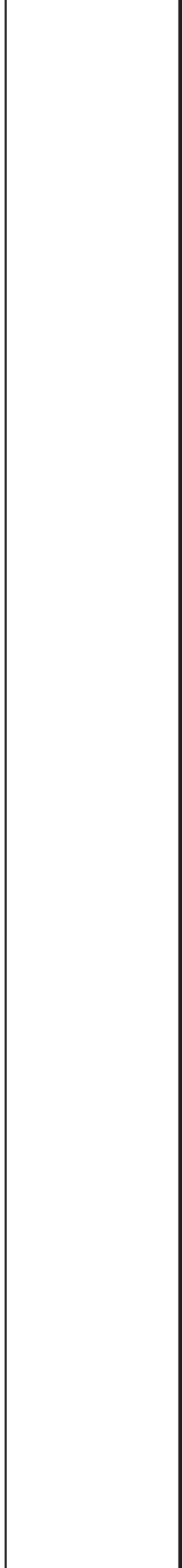
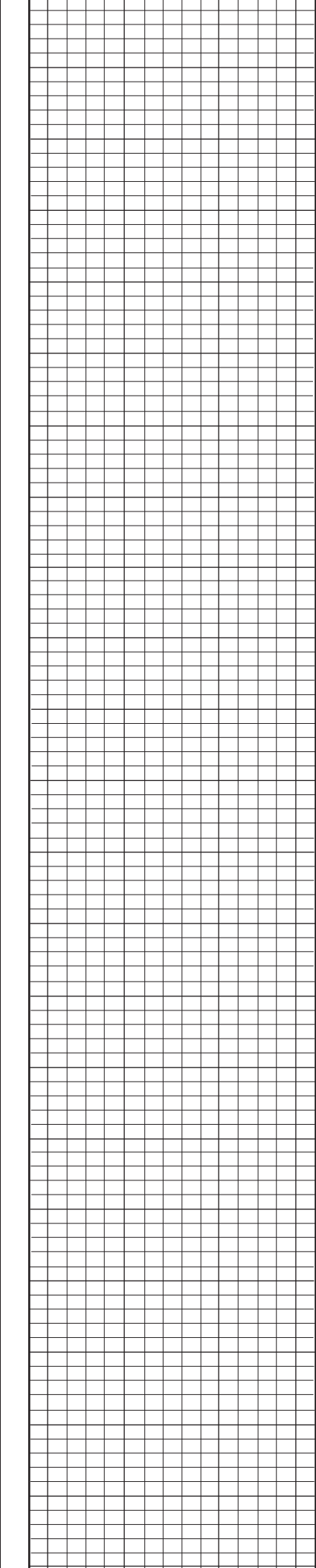
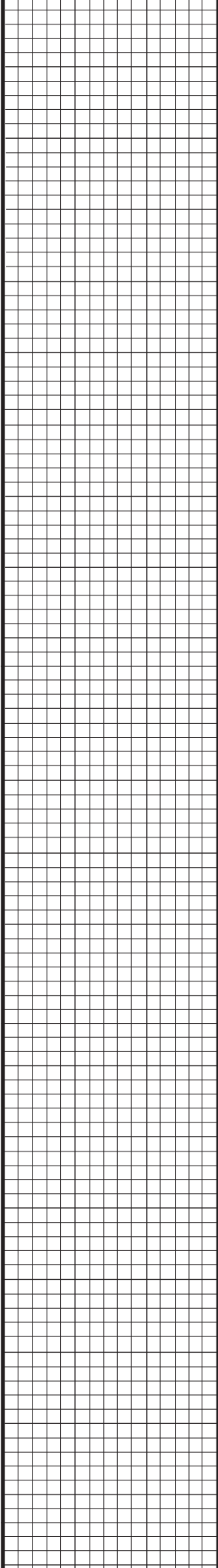


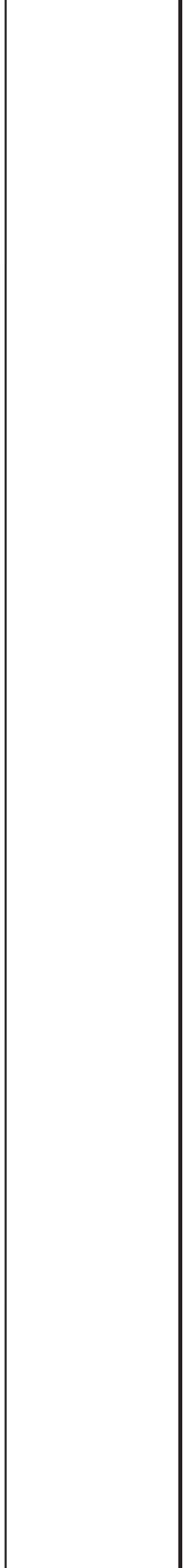
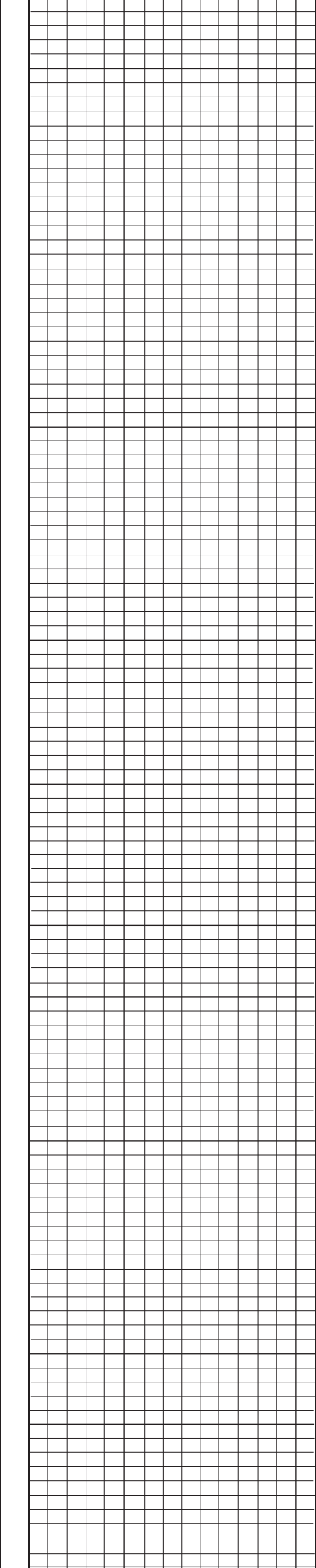
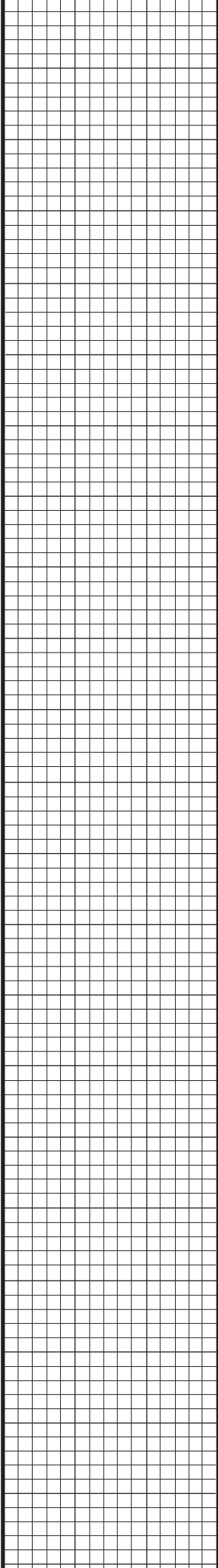


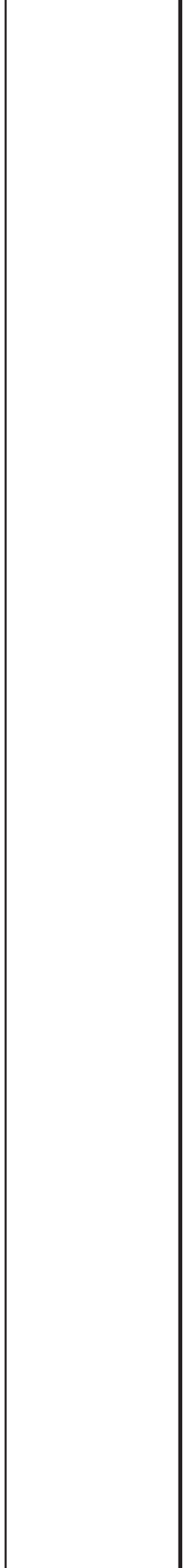
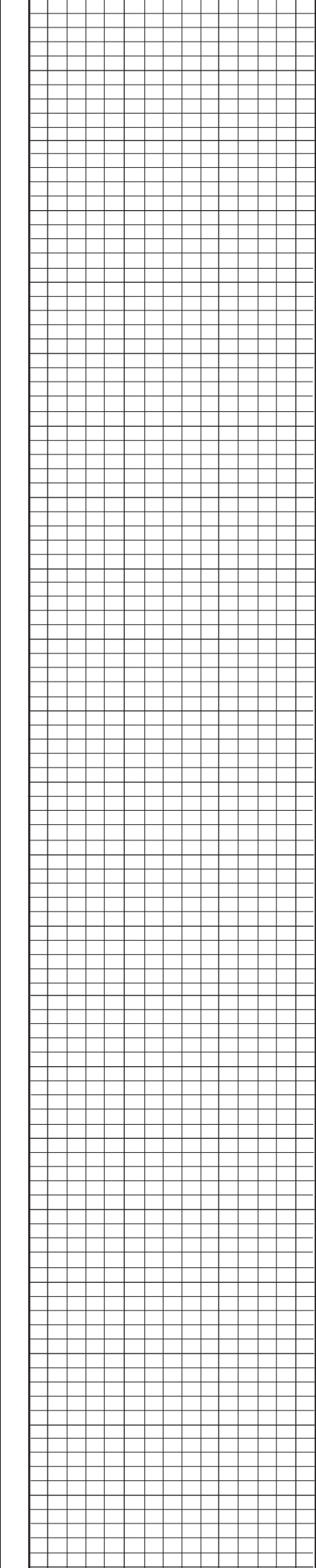
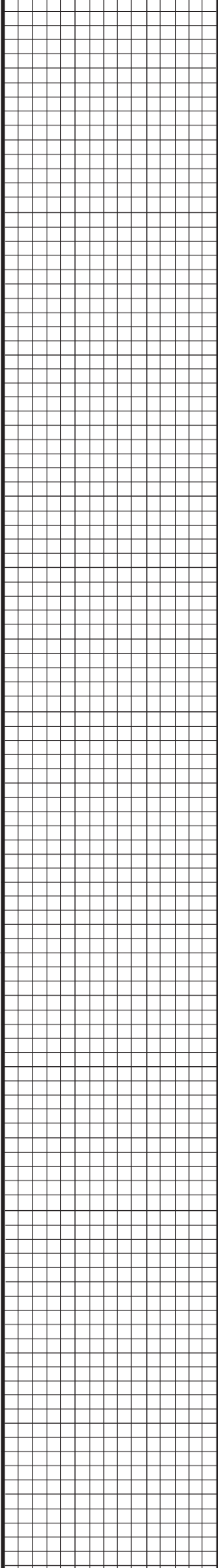


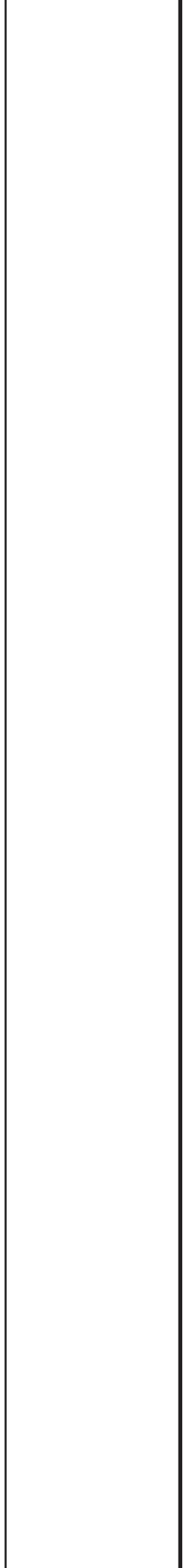
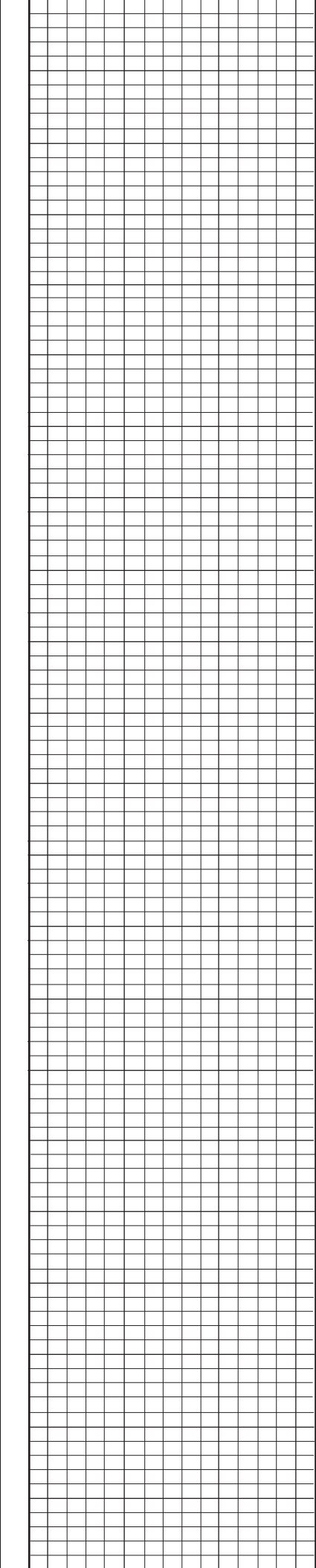
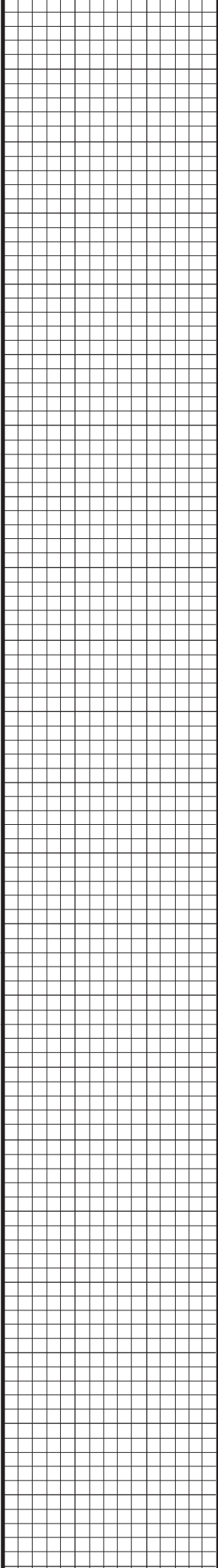


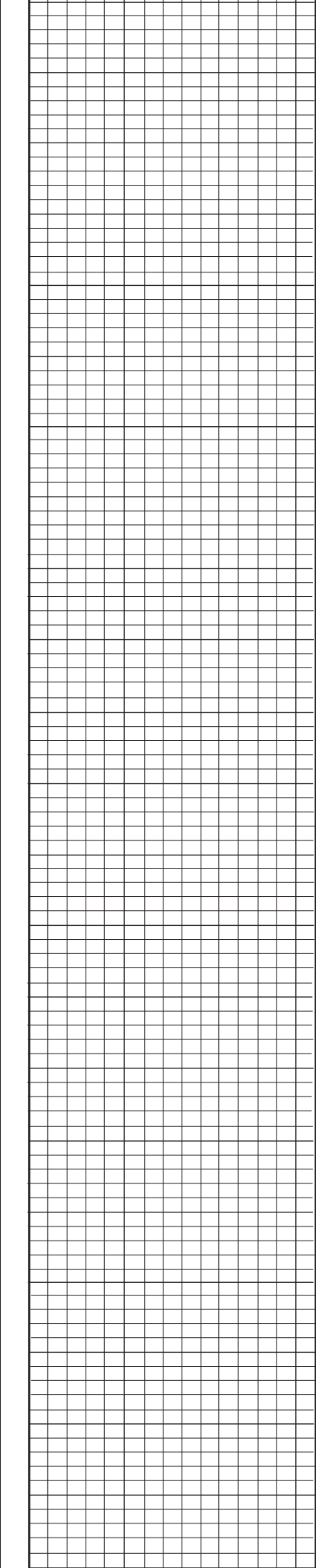
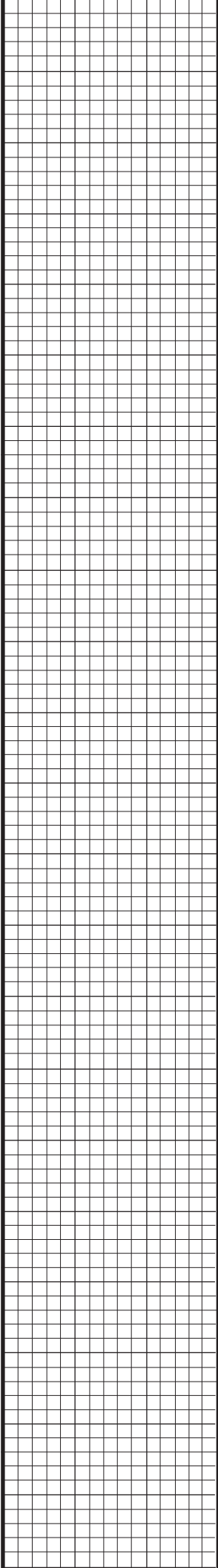


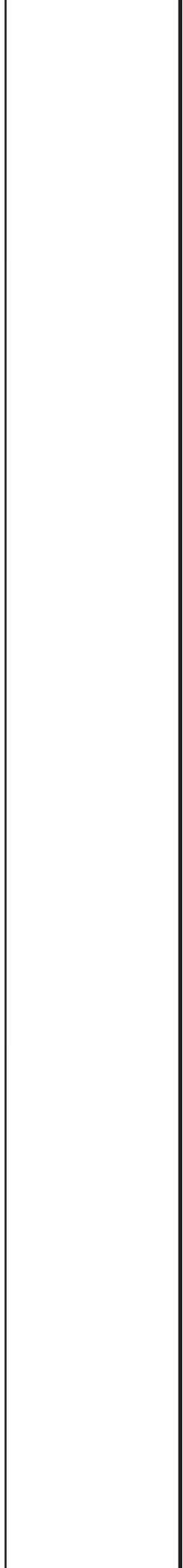
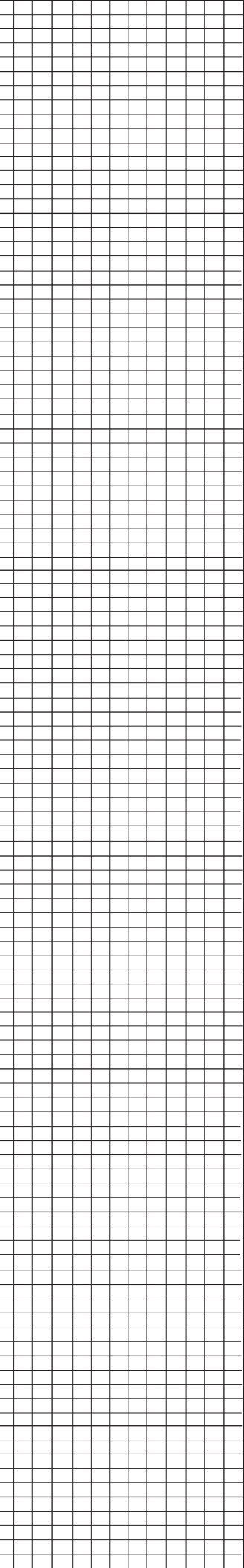
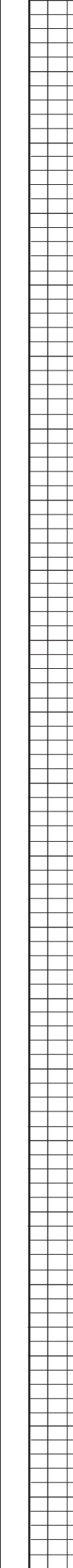
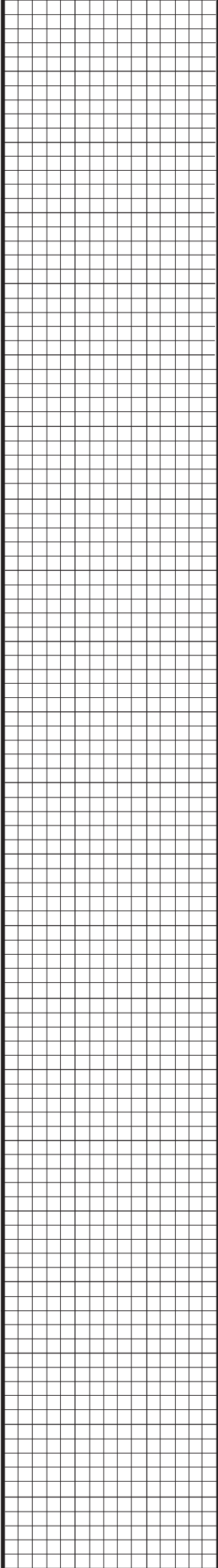


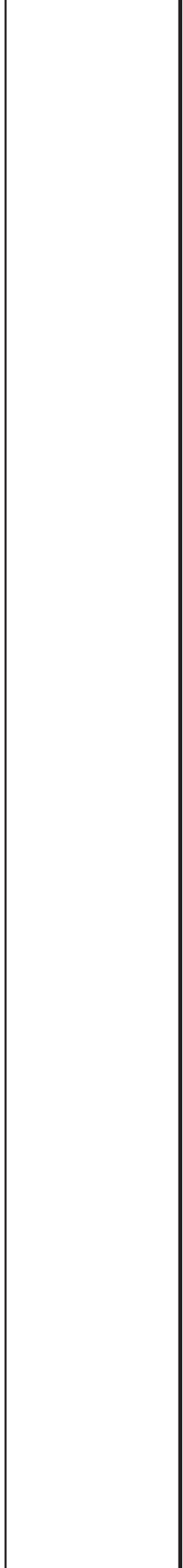
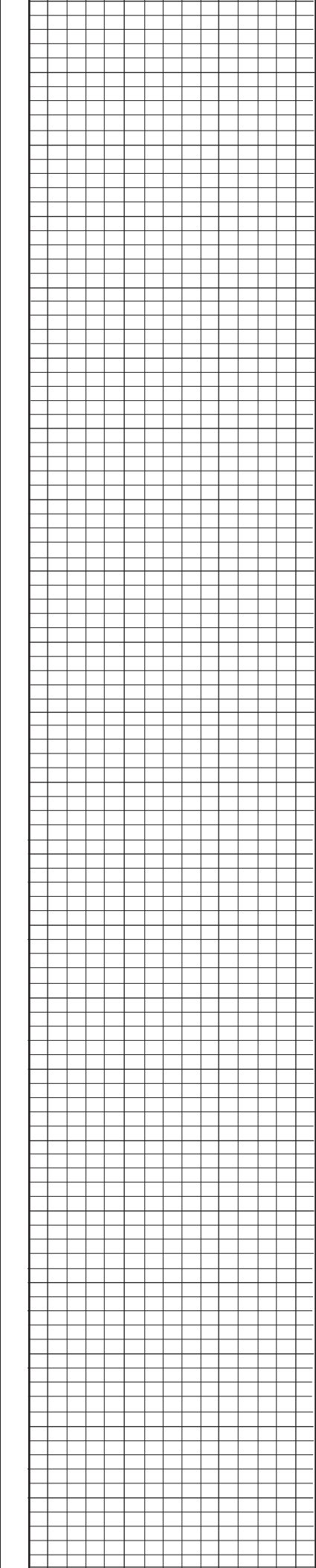
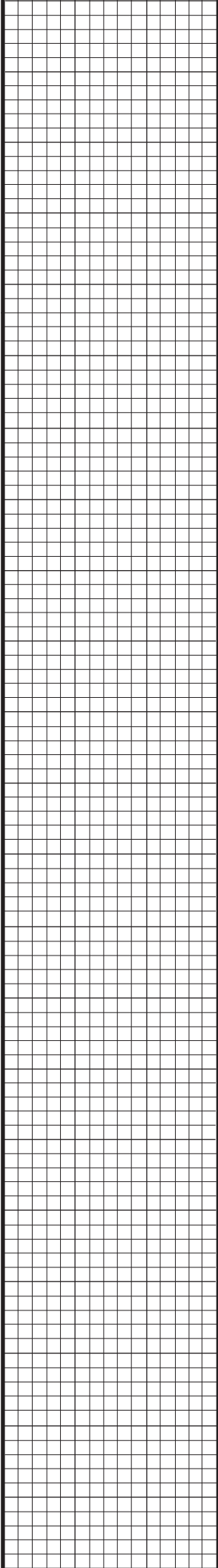


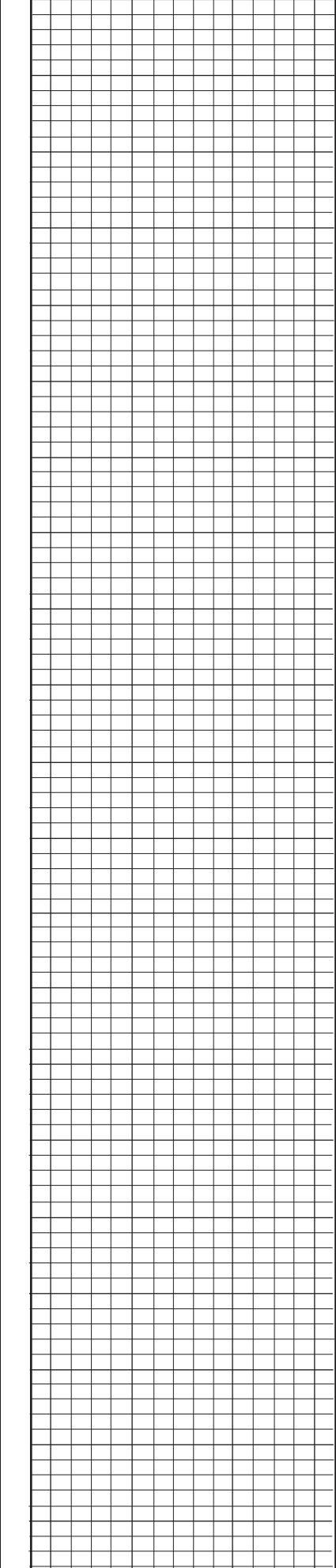
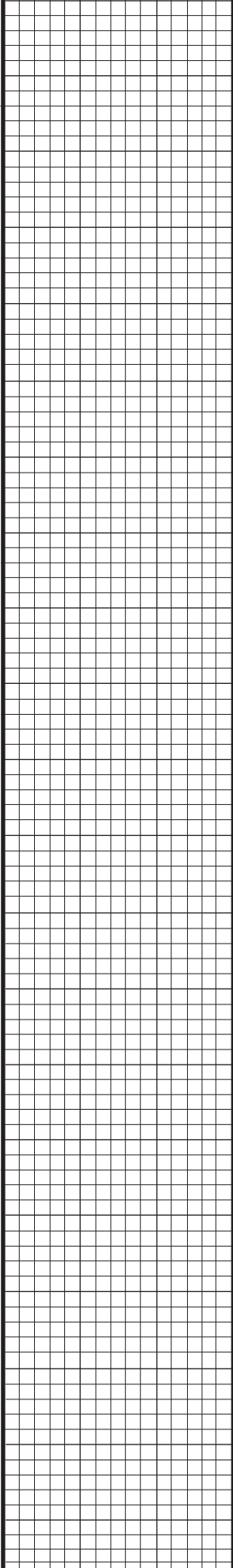


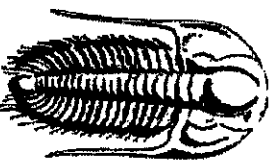












TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

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

Box 195
Attica KS 67009

ATTN: Tim Pierce

Medicine River Ranch

10-34s-11w Barber,KS

Start Date: 2012.03.02 @ 01:00:00

End Date: 2012.03.02 @ 10:09:30

Job Ticket #: 41246 DST #: 1

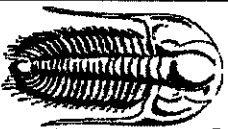
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

ORIGINAL

Printed: 2012.03.09 @ 15:52:39



TRIBOLITE
TESTING, INC

DRILL STEM TEST REPORT

N-10 Exploration LLC.

10-34s-11w Barber,KS

Box 195

Medicine River Ranch

Attica KS 67009

Job Ticket: 41246

DST#: 1

ATTN: Tim Perce

Test Start: 2012.03.02 @ 01:00:00

GENERAL INFORMATION:

Formation: **Meisner Sand**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 04:15:15
 Time Test Ended: 10:09:30
 Interval: **4875.00 ft (KB) To 4895.00 ft (KB) (TVD)**
 Total Depth: **4895.00 ft (KB) (TVD)**
 Hole Diameter: **7.88** InchesHole Condition: **Fair**

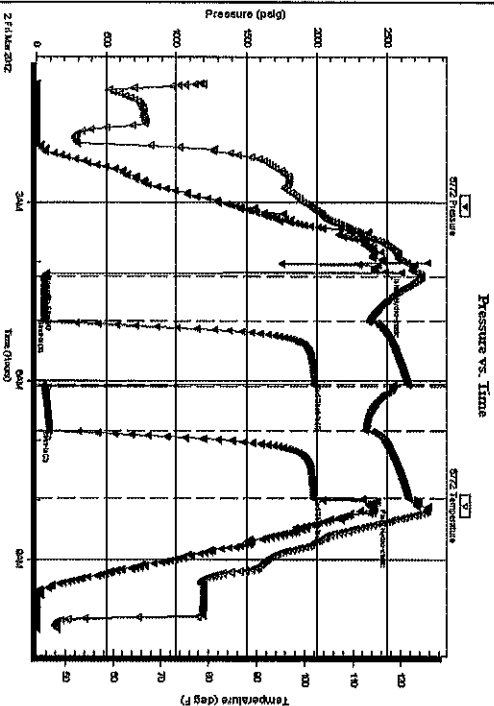
Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Harley Davidson**
 Unit No.: **58**
 Reference Elevations: **1377.00 ft (KB)**
1367.00 ft (CF)
10.00 ft
 KB to GR/CF:

Serial #: 6772 **Outside**
 Press.@RunDepth: **93.84 psig @ 4877.00 ft (KB)**
 Start Date: **2012.03.02** End Date: **2012.03.02**
 Start Time: **01:00:05** End Time: **10:09:30**

Capacity: **8000.00 psig**
 Last Calc.: **2012.03.02**
 Time On Btm: **2012.03.02 @ 04:10:15**
 Time Off Btm: **2012.03.02 @ 08:03:15**

TEST COMMENT: IF- Good building blow BOB 4 min GTS 35 min TSTM.

ISL- No blow back.
 FF- Strong blow BOBASAO, GTS ASAO.
 FSI- No blow back.



PRESSURE SUMMARY

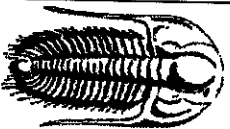
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2482.00	122.70	Initial Hydro-static
5	54.61	124.42	Open To Flow (1)
50	58.34	113.30	Shut-In(1)
113	1974.95	121.49	End Shut-In(1)
115	52.67	118.13	Open To Flow (2)
160	93.84	112.71	Shut-In(2)
228	1975.29	121.65	End Shut-In(2)
233	2385.81	123.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
195.00	15%oil 30%gas 55%mud	1.61

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	5.00	7.26
Last Gas Rate	0.13	14.00	10.63
Max. Gas Rate	0.13	14.00	10.63



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

N-10 Exploration LLC.
Box 195
Attica KS 67009
ATTN: Tim Perce

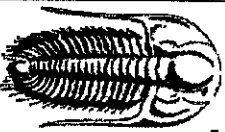
10-34s-11w Barber,KS
Medicine River Ranch
Job Ticket: 41246
DST#: 1
Test Start: 2012.03.02 @ 01:00:00

Tool Information

Drill Pipe:	Length: 4759.00 ft	Diameter: 3.80 inches	Volume: 66.76 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: 25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 120000.0 lb
		<u>Total Volume:</u>	<u>67.36 bbl</u>	<u>Tool Chased 0.00 ft</u>
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4875.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval betw een Packers:	20.00 ft			
Tool Length:	43.00 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	
Safety Joint	3.00			4866.00	
Packer	5.00			4871.00	23.00
					Bottom Of Top Packer
Packer	4.00			4875.00	
Stubb	1.00			4876.00	
Perforations	1.00			4877.00	
Recorder	0.00	8355	Inside	4877.00	
Recorder	0.00	6772	Outside	4877.00	
Perforations	15.00			4892.00	
Bullnose	3.00			4895.00	20.00
					Bottom Packers & Anchor
Total Tool Length:	43.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

N-10 Exploration LLC

10-34s-11w Barber, KS

Box 195

Medicine River Ranch

Atlica KS 67009

Job Ticket: 41246

DST#: 1

ATTN: Tim Perce

Test Start: 2012.03.02 @ 01:00:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length:	Water Salinity:	ppm
Viscosity: 49.00 sec/qt	Cushion Volume:		
Water Loss: 9.16 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure:		psig
Salinity: 4000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

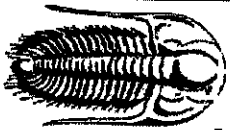
Length ft	Description	Volume bbl
195.00	15%oil 30%gas 55%mud	1.615

Total Length: 195.00 ft Total Volume: 1.615 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

N-10 Exploration LLC.

10-34s-11w Barber,KS

Box 195

Medicine River Ranch

Attila KS 67009

Job Ticket: 41246

DST#: 1

ATTN: Tim Pierce

Test Start: 2012.03.02 @ 01:00:00

Gas Rates Information

Temperature: 59 (deg F)

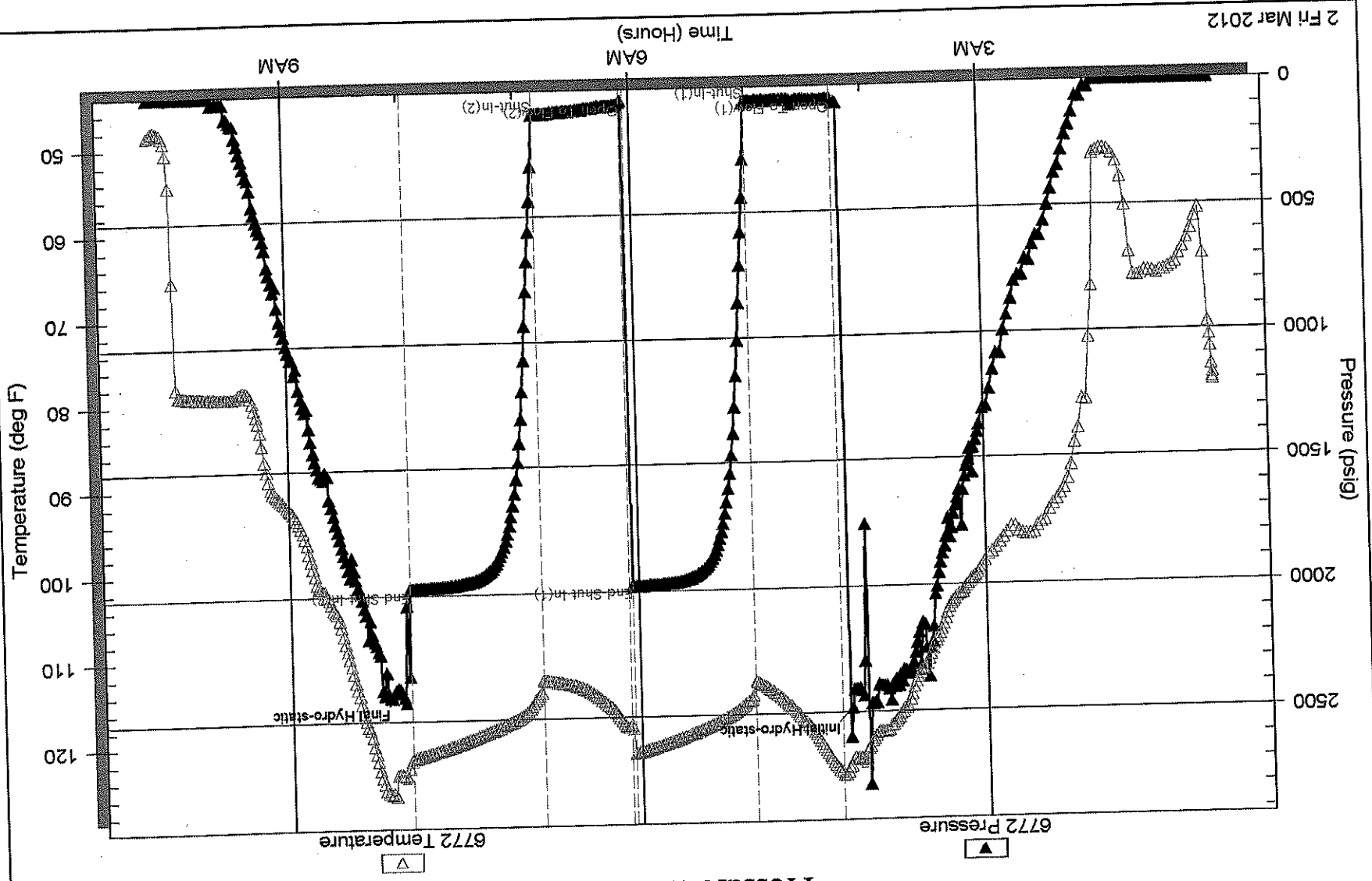
Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	10	0.13	5.00	7.26
2	10	0.13	5.00	7.26
2	20	0.13	9.00	8.76
2	30	0.13	12.00	9.88
2	40	0.13	14.00	10.63

Pressure vs. Time



2 Fri Mar 2012