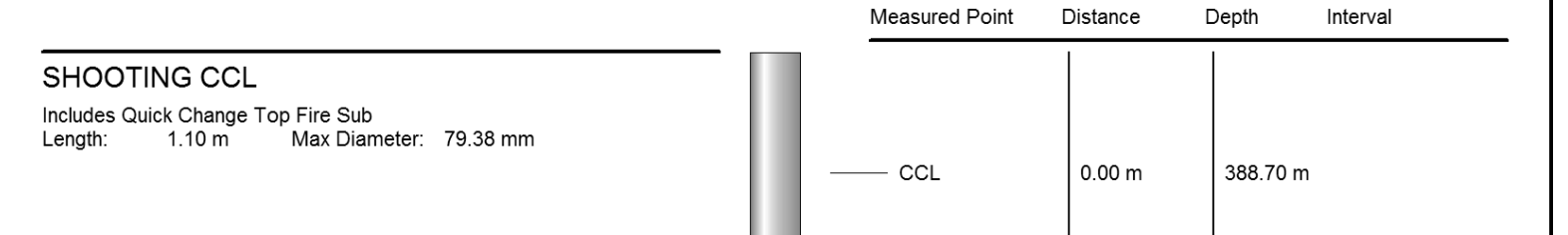


LSD. M	COMPANY STRATEGIC OIL & GAS										
SEC. 74	WELL STRATEGIC ET AL CAMERON M-74										
TWP. 60	FIELD CAMERON										
RGE. 10N-117	PROVINCE NORTHWEST TERRITORI COUNTRY CANADA										
W. 15	Surface LSD M-74-60-10N-117W/15 License # 0002063										
	Bottom UWI 300/M-74-60-10N-117W/15										
	LSD. M	SEC. 74	TWP. 60	RGE. 10N- W. 15	OTHER SERVICES						
					CEMENT RETAINER						
PERMANENT DATUM:		GROUND LEVEL			WELL ELEVATION:		782.1	ELEVATIONS			
LOG MEASURED FROM:		KELLY BUSHING			METERS ABOVE DATUM:		4.2	K.B.	782.1		
DRILLING MEASURED FROM:		KELLY BUSHING						G.L.	777.9		
DATE	MARCH 5 2015			FLUID TYPE		FRESH					
DEPTH DRILLER	1473.00			FLUID LEVEL		SURFACE					
DEPTH LOGGER	410.00			BOTTOM HOLE TEMP.		N/A					
BTM LOGGED INTERVAL	410.00			UNIT NO. / LOCATION		HD 139/HIGH LEVEL					
TOP LOGGED INTERVAL	342.00			RECORDED BY		A. CLARKE					
LOGGED INTERVAL	68.00			WITNESSED BY		M. GREENWOOD					
CASING DATA										TUBING DATA	
SIZE	WEIGHT	GRADE	FROM	TO	SIZE	WEIGHT	GRADE	FROM	TO		
219.1	35.7	J-55	SURFACE	378.00							
139.7	20.83	J-55	SURFACE	1473.00							
					OPEN	BIT SIZE	FROM	TO			
					HOLE DATA						
CARRIER and CHARGE DATA											
GUN SIZE and TYPE		101/ERHSC		CHARGE MAKE		OWEN					
GUN PHASING / DENSITY		60/17		GRAM WEIGHT and TYPE		25GR					
PERFORATING INTERVALS											
RUN NO.	NO. SHOTS	FROM	TO	RUN NO.	NO. SHOTS	FROM	TO				
1	17	390.00	391.00								
OTHER INFORMATION											
SERVICE	MAKE	SIZE	DEPTH	DESCRIPTION		SIZE	DEPTH				
PACKER				GAUGE RING							
RETAINER	ALPHA	139.7	383.00	PIPE CUTTER							
W/R PLUG				NIPPLE TYPE							
W/R PLUG				NIPPLE TYPE							
PERM. PLUG				CASING PATCH: I.D.							
PERM. PLUG				STAGE TOOL: I.D.							

ALL INTERPRETATIONS ARE OPINIONS BASED ON ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE FOR ANY LOSS, COST, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATIONS MADE BY ANY OF OUR OFFICES, AGENTS, OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO CLAUSE 4 IN OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR PRICE SCHEDULE.

CORRELATED TO:	FMC CASING INSPETION LOG DATED FEB 22 2015.
REMARKS:	LOGGED AS PER CUSTOMER REQUEST
TICKET NUMBER:	
438207	

Perf Gun Configuration



CASING EHSC

Length: 1.00 m Max Diameter: 101.60 mm
 Total Shots: 17 Charge: 25.00 grams
 Phase: 60.00 deg Density: 17.00 shots/meter

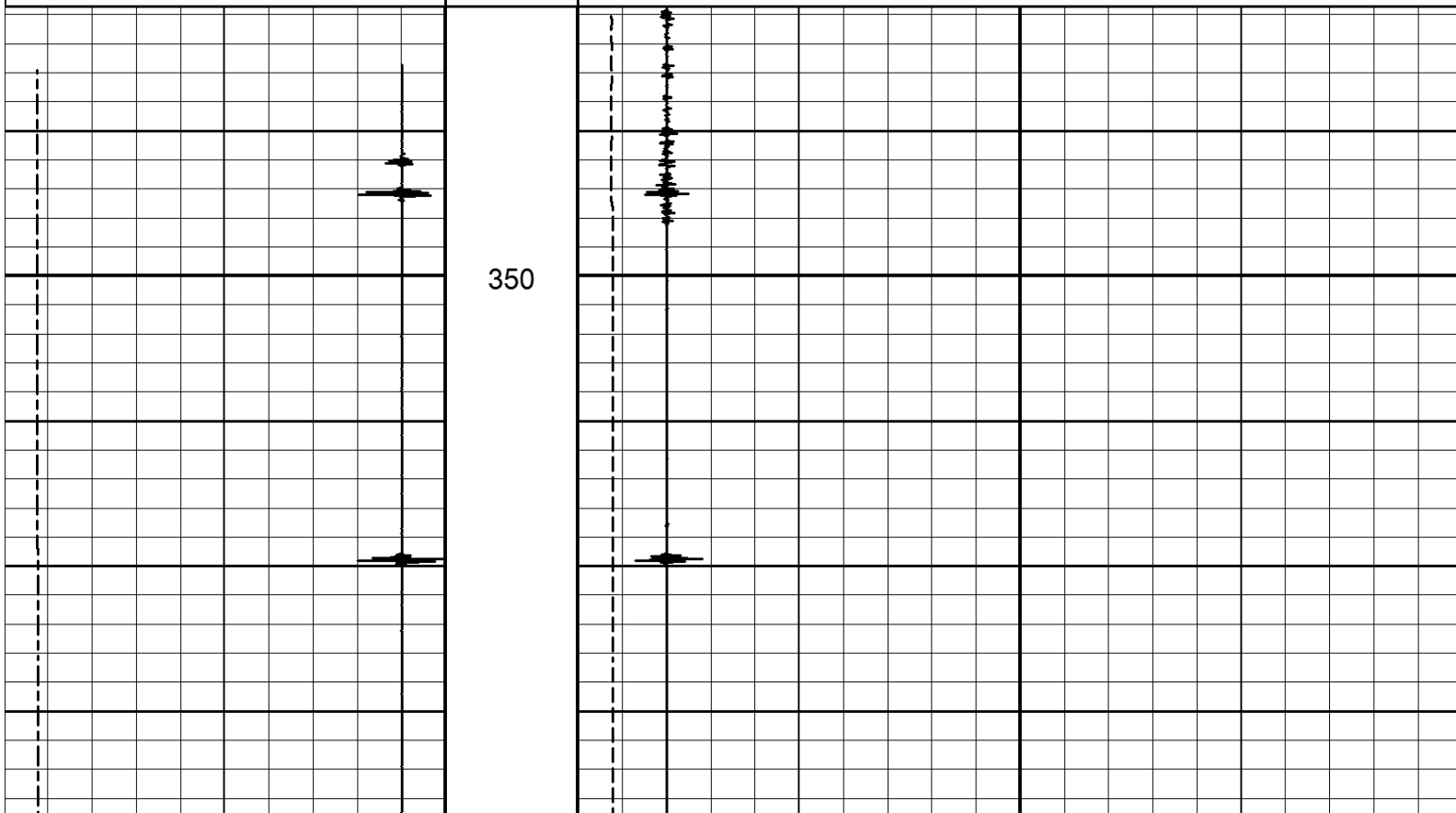


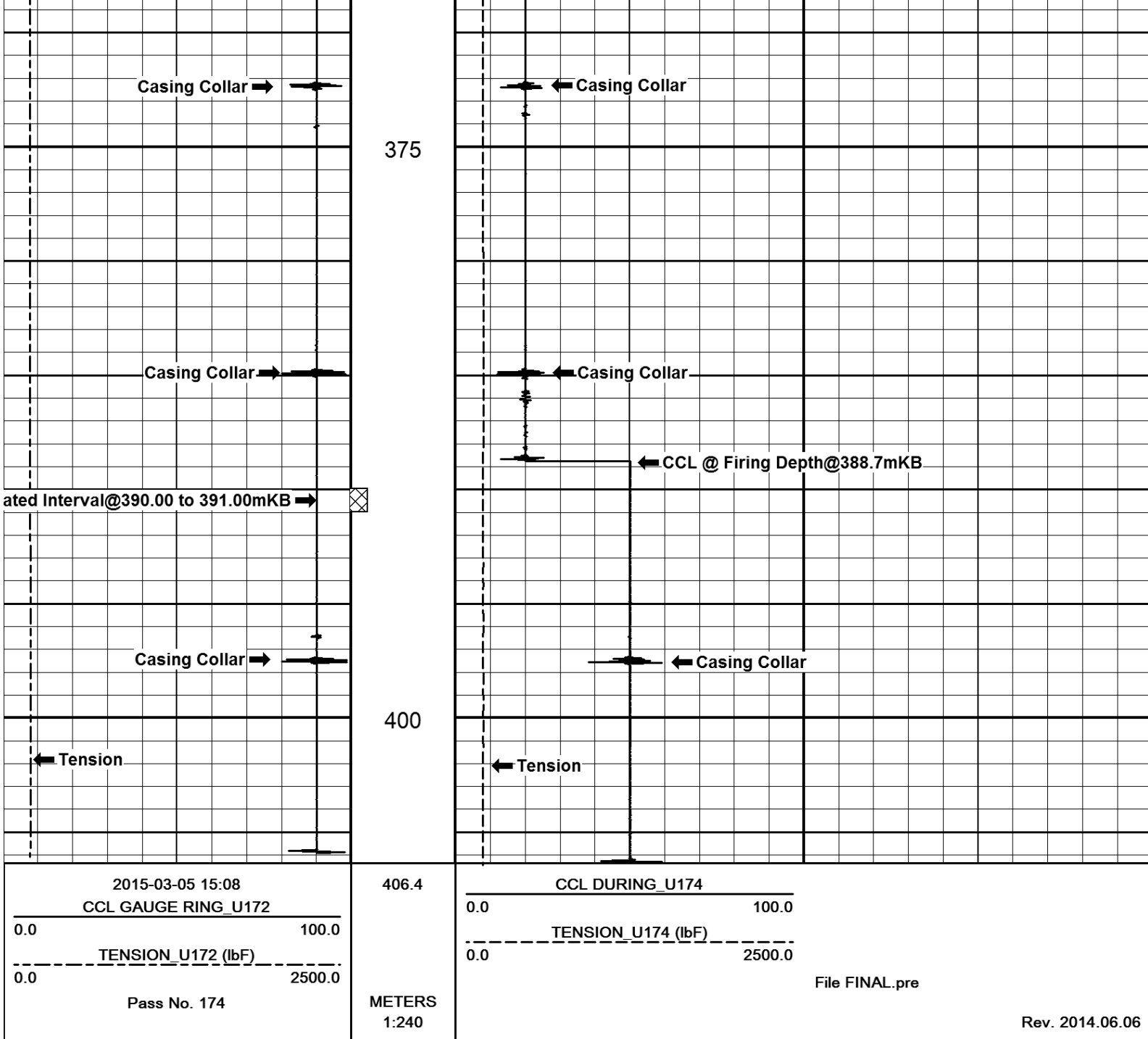
Top Fire Sub	0.40 m	389.10 m
Top Shot	1.30 m	390.00 m
Bottom Shot	2.30 m	391.00 m
Bottom Sub	2.60 m	391.30 m

1.00 m

PERFORATING RECORD

2015-03-05 15:08 CCL GAUGE RING_U172	METERS 1:240	CCL DURING_U174
0.0 100.0		0.0 100.0
TENSION_U172 (lbF)		TENSION_U174 (lbF)
0.0 2500.0		0.0 2500.0
Pass No. 174		File FINAL.pre
340.8		Rev. 2014.06.06





Setting Tool Configuration

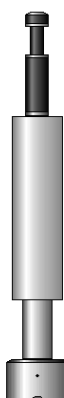
CABLE HEAD

Fishneck: 34.8 mm (1.375")
Length: 0.34 m Max Diameter: 79.38 mm

SHOOTING COLLAR LOCATOR

Length: 0.80 m Max Diameter: 79.38 mm

BAKER: 20 SETTING TOOL



0.00 m - CCL

Length: 2.20 m Max Diameter: 97.50 mm

CEMENT RETAINER

Length: 0.60 m Max Diameter: 127.00 mm



2.60 m Top of CEMENT RETAINER

2.80 m Rubber

3.20 m Bottom of CEMENT RETAINER

RETAINER SETTING RECORD

2015-03-05 18:06

CCL GAUGE RING_U176

0.0 100.0

TENSION_U176 (lbF)

0.0 2500.0

Pass No. 178

METERS

1:240

317.3

CCL DURING_U178

0.0 100.0

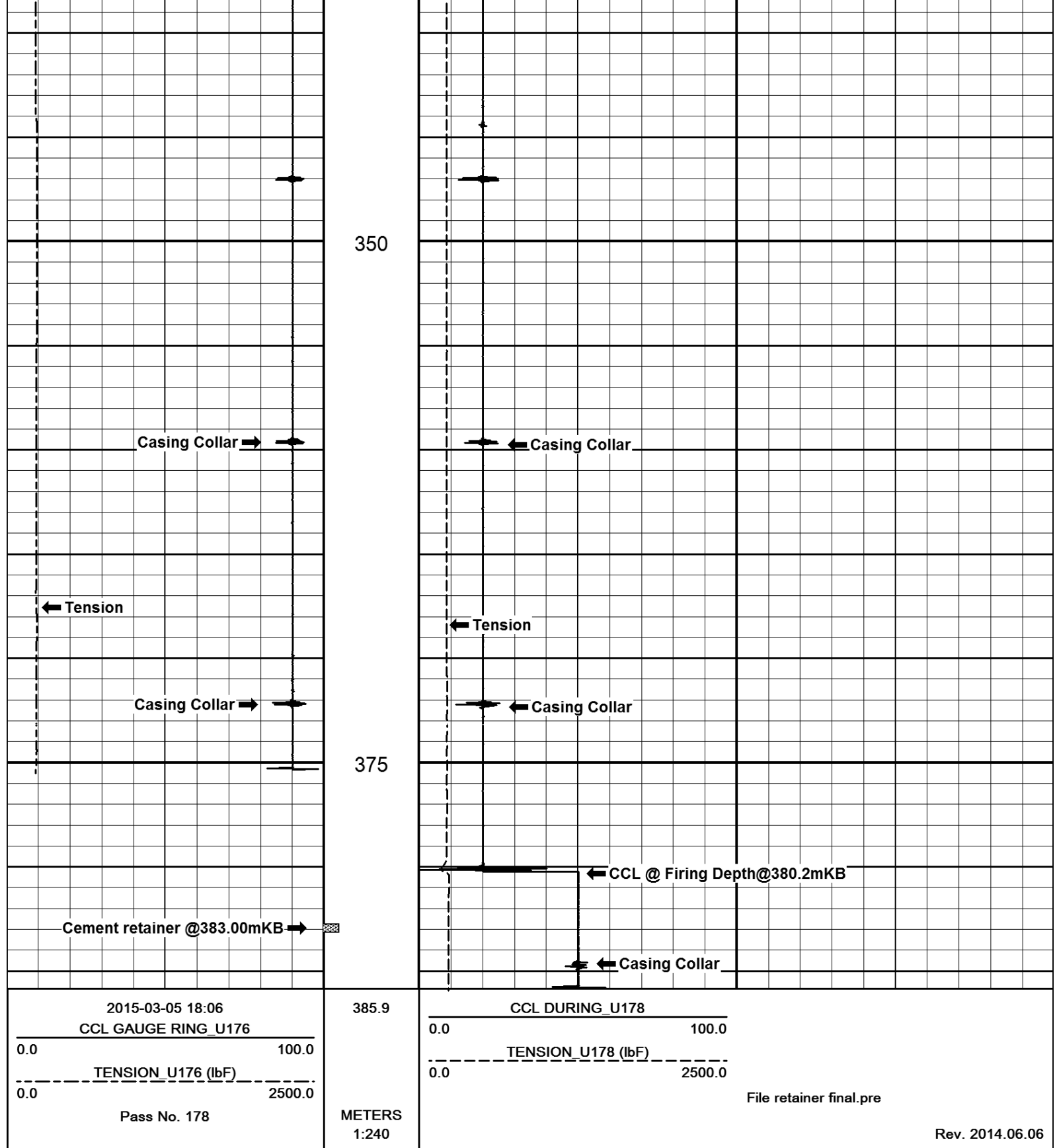
TENSION_U178 (lbF)

0.0 2500.0

File retainer final.pre

Rev. 2014.06.06

325



	PROVINCE	NORTHWEST TERRITORIES
	COUNTRY	CANADA