



GAMMA RAY CCL

TCP CORRELATION LOG

N.E.B. COPY

FILING #

Company APACHE CANADA LIMITED

LSD -

Well APACHE PARAMOUNT LAC MAUNOIR E35

SEC -

Field NWT

TWP -

Province NORTHWEST TERRITORIES

RGE -

Location 300-E-35-67°-20'-125°-00'

OTHER SERVICES

W.

LSD. SEC. TWP.

RGE. W.

Permanent Datum GROUND LEVEL

Elevation 532.6 m

K.B. 539.3 m

Log Measured From KELLY BUSHING

6.7 m Above Perm. Datum

G.L. 532.6 m

Date MARCH 15, 2005

Type Fluid

DRY

Run Number

ONE

Fluid Level

N/A

Type Log

GR-CCL

Wellhead Pressure

0 KPA

Depth - Driller (CH)

1011.0 m

Max. Temp. °C

13°C

Depth - Driller (CH)

1011.0 m

Oper. Rig Time

2.5 HOURS

P.B.T.D. By Logger

NOT TAGGED

Recorded By

T. LOOY

Bottom Log Interval

925.0 m

Witnessed By

T. BEFUS

Logged Interval

70.0 m

Apparent Cement Top

Top Log Interval

855.0 m

Holst Unit# / Loc.

146 RED DEER

Zone(s) of Interest

Program

CS3 VER2.4/WIN 98

Gun Type and Size

127.0 mm

Ticket #

F0344

Gun Charges

39.0 gr SDP

CASING RECORD

SIZE

Kg/m

GRADE

TYPE JOINT

FROM

TO

SURFACE CASING

244.5 mm

69.94

L-80

T&C

SURFACE

452.0 m

PRODUCTION CASING

177.8 mm

43.16

L-80

IT&C

SURFACE

1011.0 m

TUBING

73.0 mm

9.67

L-80

EUE

SURFACE

958.04 m

NOTE: LOG CORRELATED TO SCHLUMBERGER PLATFORM EXPRESS COMPENSATED NEUTRON DUAL LITHODENSITY LOG.

DATED: 09-MAR-2005.



TCP INSTALLATION

DATE: MARCH 15, 2005

COMPANY APACHE PARAMOUNT

CANADA LIMITED

WELL APA. PARA. LAC MAU. E35

FIELD NWT

PROVINCE NORTHWEST TERRITORIES

LOCATION 300E356720125000

ELEVATION

LSD: RGE:

K.B.: 539.3

SEC: W.:

G.L.: 532.6

TWP:

BHP: **** Kpa; TD
BHT: 13°C C MUD WT.:
DIFF: Kpa; FI. Lev.:

HOW ACHIEVED:
TCP TECH: TRENT LOOY
WITNESSED BY: AL LAWRENCE

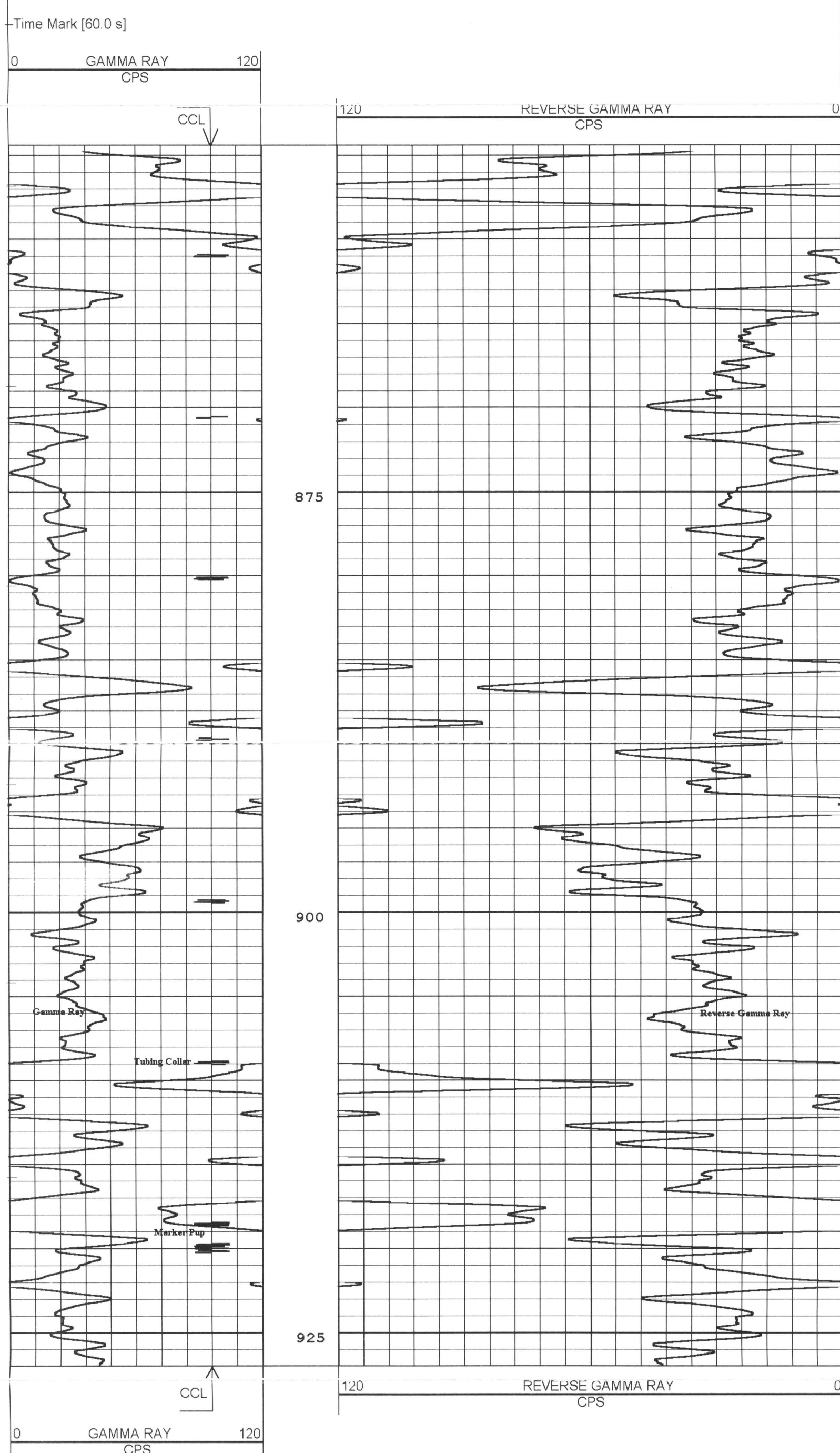
REMARKS:

O.D.	I.D.	DEPTH	TOOL		DESCRIPTION
73.0mm	62.0mm				EUE 8rd L-80 TUBING TO SURFACE
73.0mm	62.0mm	929.7m		1.25 m	EUE 8rd L-80 MARKER PUP
73.0mm	58.75mm	930.95m		0.36 m	OTIS 58.75 mm "X" PROFILE
73.0mm	62.0mm	931.31m		9.64 m	EUE 8rd L-80 TUBING JOINT
73.0mm	62.0mm	940.95m		1.86 m	EUE 8rd L-80 PUP JOINT
139.0mm	55.58mm	942.81m		1.06 m	ON/OFF CONNECTOR c/w55.58mm OTIS "R" PROFILE
153.0mm	61.34mm	943.87m		1.90 m	HALIBURTON 10k VERSA SET PRODUCTION PACKER
73.0mm	62.0mm	945.77m		3.08 m	EUE 8rd L-80 PUP JOINT
73.0mm	51.05mm	948.85m		0.50 m	OTIS 55.58 mm "RN" NIPPLE
73.0mm	62.0mm	949.35m		2.48 m	w/51.05mm NO-GO EUE 8rd L-80 PUP JOINT
73.0mm	62.0mm	951.83m		0.14 m	PRESSURE DIFFERENTIAL (KOB) SUB
73.0mm	62.0mm	951.97m		3.08 m	EUE 8rd L-80 PUP JOINT
73.0mm	62.0mm	955.05m		0.27 m	PORTED SURGE TOOL/ FILL FLOW
73.0mm	62.0mm	955.32		2.48 m	EUE 8rd L-80 PUP JOINT
73.0mm	50.67mm	957.8m		0.24 m	73mm X 60.3mm L-80 CROSS-OVER MECHANICAL TUBING RELEASE
60.3mm	47.50mm	958.04m		0.36 m	w/47.50 mm SHIFT UP EUE 8rd J-55 PUP JOINT
60.3mm	50.67mm	958.4m		3.08 m	
86.0mm	***	961.48m		0.52 m	MECHANICAL FIRING HEAD
127.0mm	***	962.0 m		TOP SHOT	GUN SPECIFICATION
			IPS GUN ASSEMBLY		CARRIER TYPE: ERHSC
			2.0 m ERHSC w/39 gr		PHASING: 60°
			SDP CHARGES 17 SPM		CARRIER SIZE: 127.0 M.M.
			60° PHASING		CHARGE TYPE: TITIAN
					CHANGE GM. WT.: 39 GRAMS
					PENETRATION 37.41"/950.21 M.M.
					ENTRY HOLE: 0.53" / 13.46 M.M.
127.0mm	***	964.0m		BOTTOM SHOT	SHOT
127.0mm	***	964.29		0.29 m BULL NOSE	NUMBER OF SHOT
					PERFORATE FROM
					INTERVAL TO
					17 SPM 35 SHOTS 962.0 m 964.0 m

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

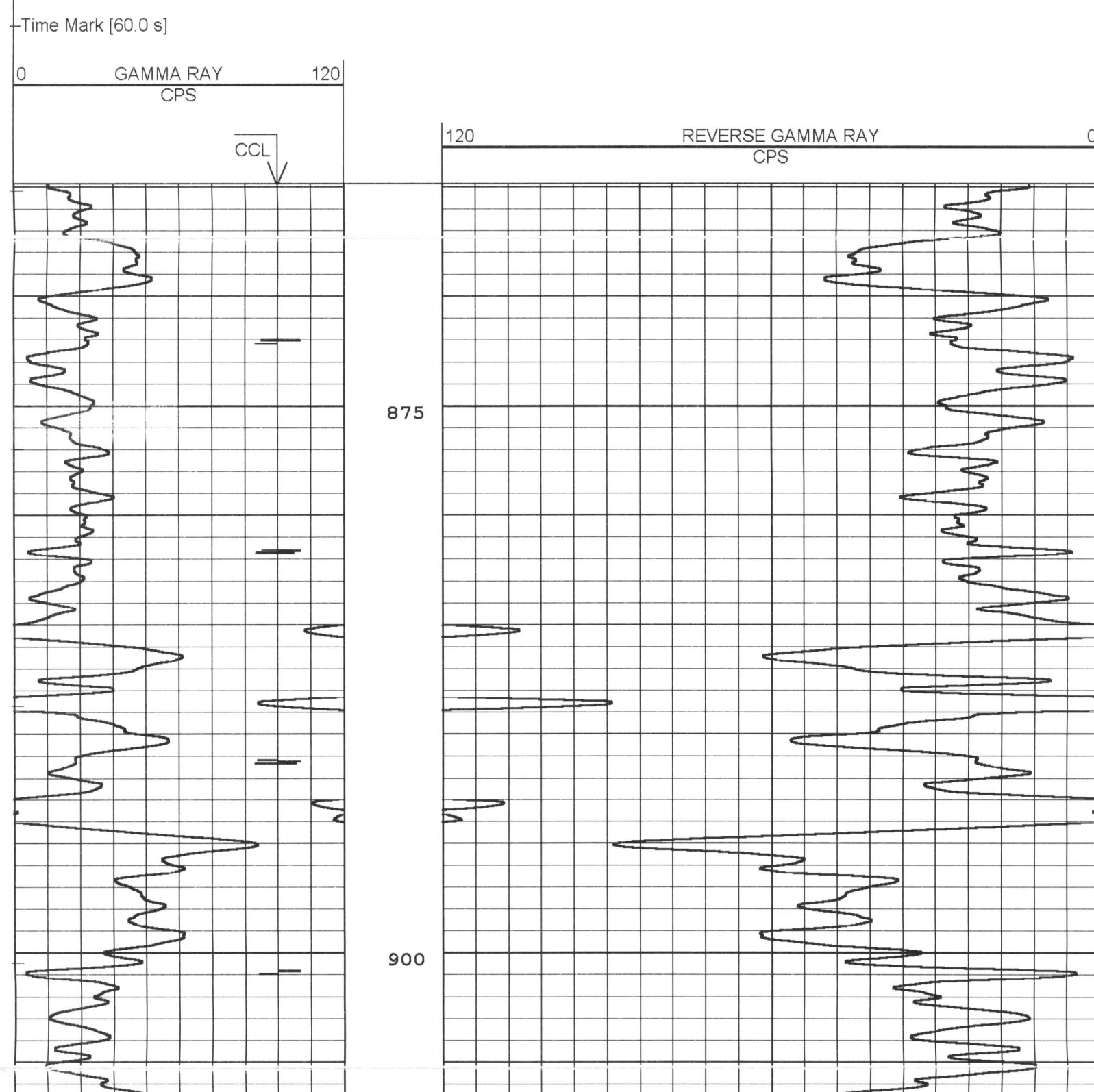
Comprobe GB-CC1 43.0 mm

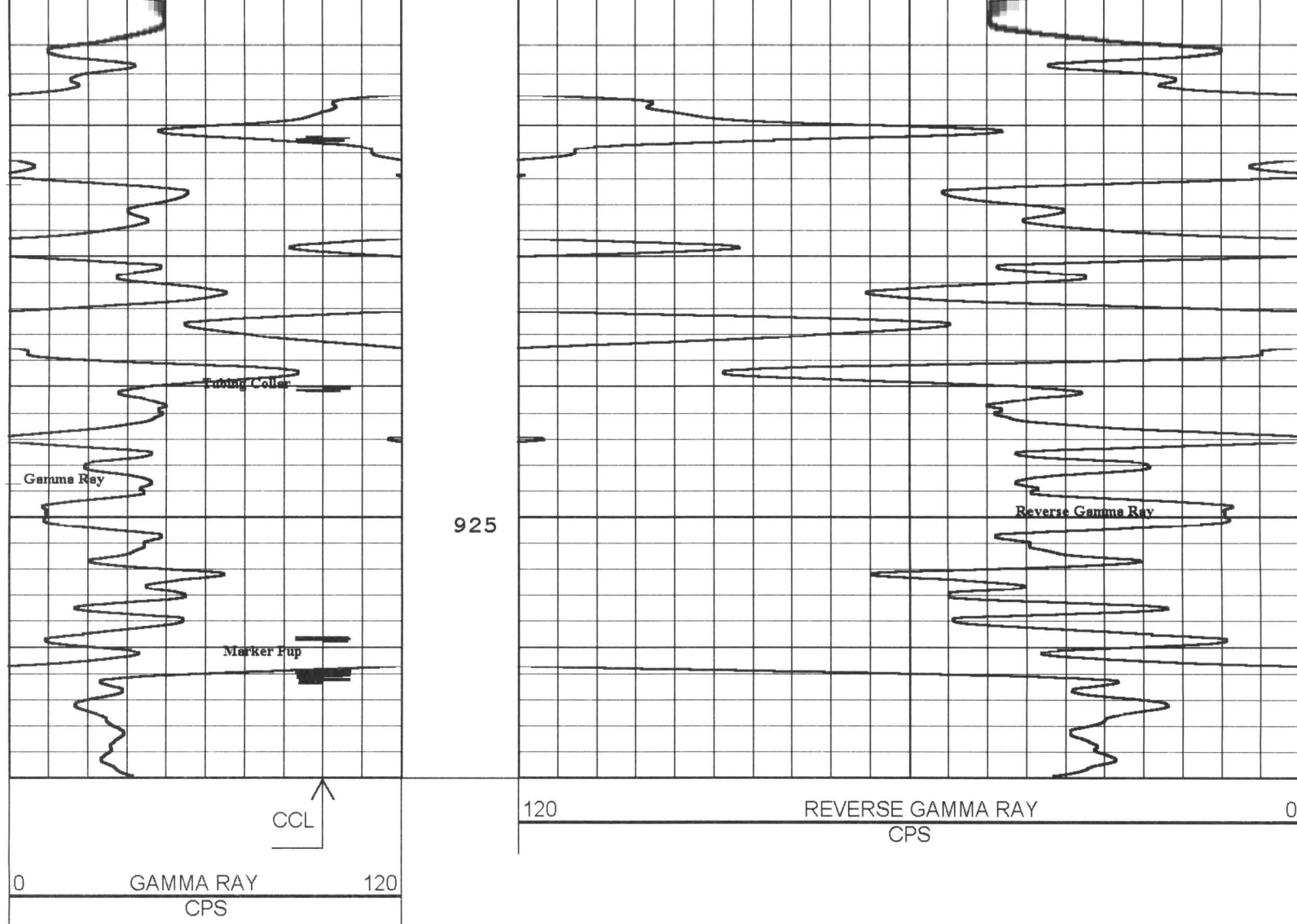
START: 926.90m
STOP: 855.00m
RES.: 0.05 m
SCALE: 240:1 m



START: 926.90m
STOP: 855.00m
RES.: 0.05 m
SCALE: 240:1 m

START: 935.00m
STOP: 865.00m
RES.: 0.05 m
SCALE: 240:1 m





Time Mark [00.0 s]

RUN: CONFIRMATION PASS
DIR.: UP
DATE: 03/15/05
TIME: 20:43:25

CONFIRMATION PASS

START: 935.00m
STOP: 865.00m
RES.: 0.05 m
SCALE: 240:1 m



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