

COMPANY: Western Underground Gas Storage
WELL: IONA #4
FIELD: IONA
RIG: OD&E #30
COUNTRY: AUSTRALIA

TCR CORRELATION
SCALE 1:200
Schlumberger

LOCATION
 PPL2
 Permanent Datum: MSL
 Log Measured From: KB
 Drilling Measured From: KB
 Elevation: K.B. 134.8 M
 O.L. 130 M
 D.F. 134.3 M
 Elevation: 0 M
 134.8 M Above Perm. Datum

LOGGING DATA
 Logging Date: 27-MAR-1999
 Run Number: 1
 Run Depth: 1554.4 M
 Depth Driller: Schlumberger
 Bottom Log Interval: 1425 M
 Top Log Interval: 1350 M
 Casing Fluid Type: FRESH WATER

FLUID LEVEL
 BIT/CASING/TUBING STRING
 BK Size: 12.250 IN
 Casing/Logging Size: 5.500 IN
 Weight: 40 LBF
 Grade: From
 From: Maximum Recorded Temperatures
 Logger On Bottom: 3:44 QEA
 Unit Number: 14874801
 Recorded By: RICHIE WARD
 Witnessed By: MATHIAS NAWMANN, GAIL THOMPSON

Expected Cement Top
 Logging Date: 27-MAR-1999
 Run Number: 1
 Run Depth: 1554.4 M
 Depth Driller: Schlumberger
 Bottom Log Interval: 1425 M
 Top Log Interval: 1350 M
 Casing Fluid Type: FRESH WATER

OTHER SERVICES
 OS1: OS2: OS3: OS4: OS5:
 REMARKS: RUN NUMBER 1
 TOP CORRELATION PERFORMED WITH GR/CCL AND CORRELATED TO OPEN HOLE LOSS OF 23-MAR-1999 (RA PIP TAG FOUND AT 1403.3 MTRS., GUNS ON DEPTH)

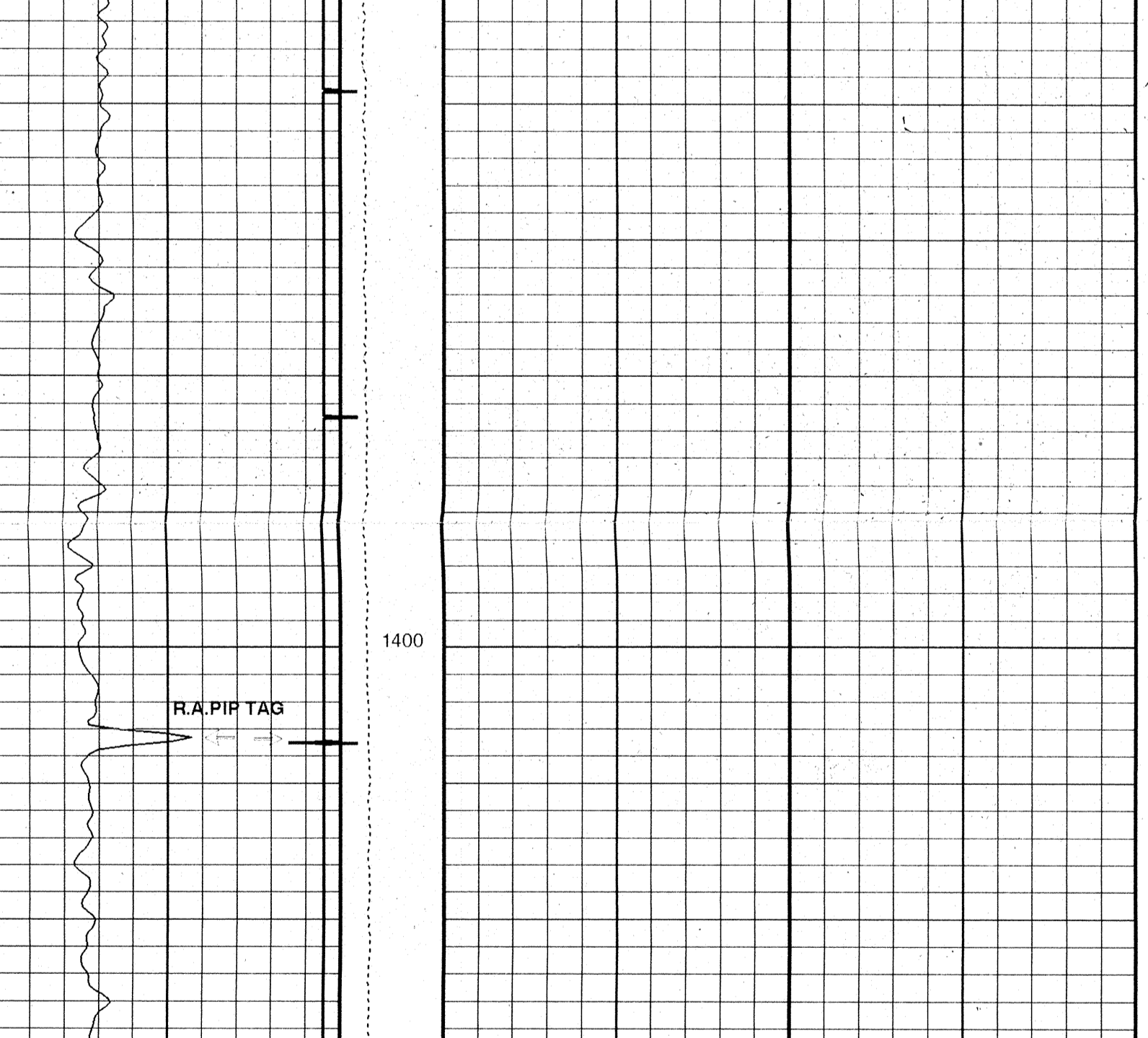
OTHER SERVICES
 OS1: OS2: OS3: OS4: OS5:
 REMARKS: RUN NUMBER 2

RUN 1			RUN 2		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

SURFACE EQUIPMENT
 ATM-AA
 GSR-U-Y

DOWNHOLE EQUIPMENT



MAXIMUM STRING DIAMETER 1.69 IN
 MEASUREMENTS RELATIVE TO TOOL ZERO
 ALL LENGTHS IN METERS

PIP SUMMARY

ATT-B APCW-98Q2 CAL-U APCW-98Q2

DLIS Name	Description	Value
CCLD	CCL reset delay	12 IN
CCLT	CCL detection level	0.3 V
DP	Depth Offset	0.4 M
PP	Playback Processing	NORMAL

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 27-Mar-1999 15:06

OP System Version: 8C1-205

ATT-B APCW-98Q2 CAL-U APCW-98Q2

DEFAULT	ATTB	FN:	FIELD	DATE	START	STOP
DEFAULT	ATTB .131	FN:63	FIELD	27-Mar-1999 14:52	1427.1 M	1347.5 M
DEFAULT	ATTB .132	FN:64	FIELD	27-Mar-1999 15:06	1426.6 M	1347.1 M

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BOTTOM LOG INTERVAL	1426 M
SCHLUMBERGER DEPTH	1554.4 M
DEPTH DRILLER	1560 M
KELLY BUSHING	134.8 M
DRILL FLOOR	134.3 M
GROUND LEVEL	130 M

TCR CORRELATION SCALE 1:200

Schlumberger