349070

OFFSHORE 13

or.342

ENCLOSURE 15b

Schlumberger

FORMATION TESTER

COMPANY ESSO AUSTRALIA LIMITED
WELL POONBOON 1
FIELD WILDCAT
COUNTY AUSTRALIA STATE VICTORIA
LOCATION LAT: 40° 08'S
LONG: 145° 55'E
Sec. Twp. Rge.
Other Services: IES FDC/GR

COUNTY AUSTRALIA
Field or LOCATION WILDCAT
WELL POONBOON 1
COMPANY ESSO AUSTRALIA LTD

Permanent Datum: MSL, Elev. 0
Log Measured From KB, 32 Ft. Above Perm. Datum
Drilling Measured From KB
Elev.: K.B. 32'
D.F. 31'
G.L. -259'

Date 27 SEPTEMBER 1972
Run No. 2
Test No's. 1,2,3,4,5,6
Type of Test: Open Hole ☒ Cased Hole ☐ | Open Hole ☐ Cased Hole ☐
Type Fluid in Hole LIGNOSULPHONATE
Dens. 11.1 | Visc. 44
pH 9.8 | Fluid Loss 5.2
Source of Sample FLOWLINE
R_m @ Meas. Temp. 1.04 @ 61 °F
R_{mf} @ Meas. Temp. 0.714 @ 61 °F
R_{mc} @ Meas. Temp. 1.576 @ 61 °F
Source: R_{mf} R_{mc} PRESS
R_m @ BHT 0.280 @ 222 °F
Time Since Circ. 12 HOURS
Max. Rec. Temp. 236 °F
Recorded By R. HANWRIGHT
Witnessed By B. MCKAY

RUN No.	BORE-HOLE RECORD Bit	From	To	CASING RECORD Size	Wgt.	From	To
1	8½"	8761	10493	9⅝	47	SURFACE	8761

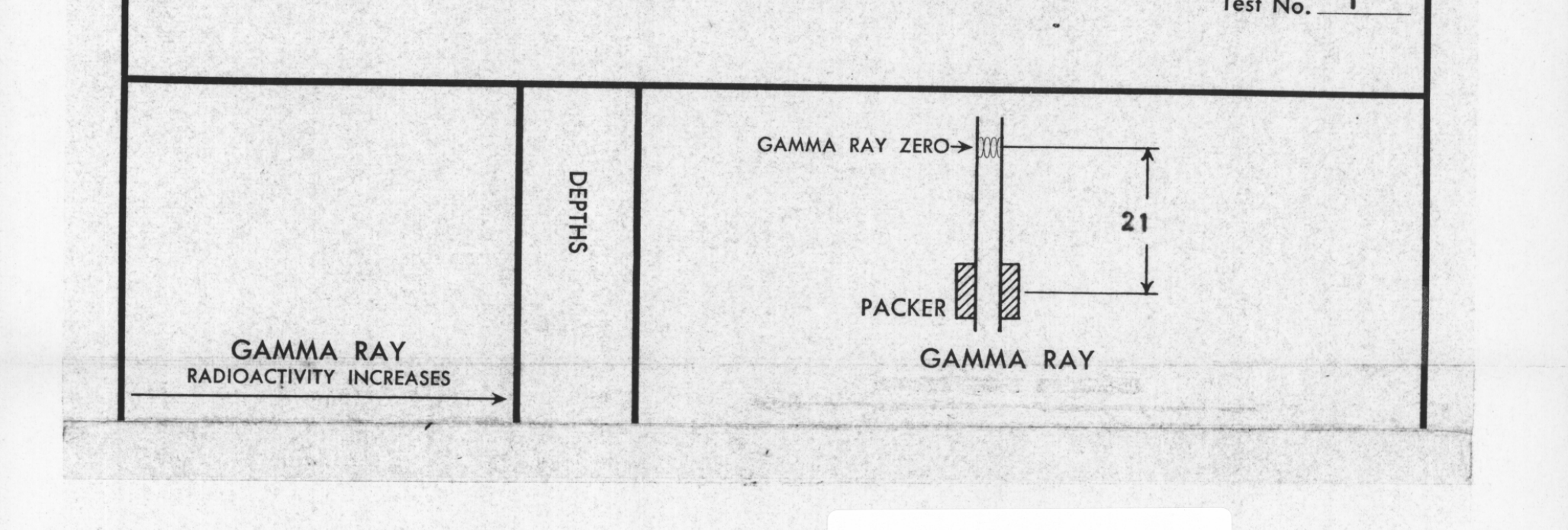
FOLD HERE The well name, location and borehole reference data were furnished by the customer.

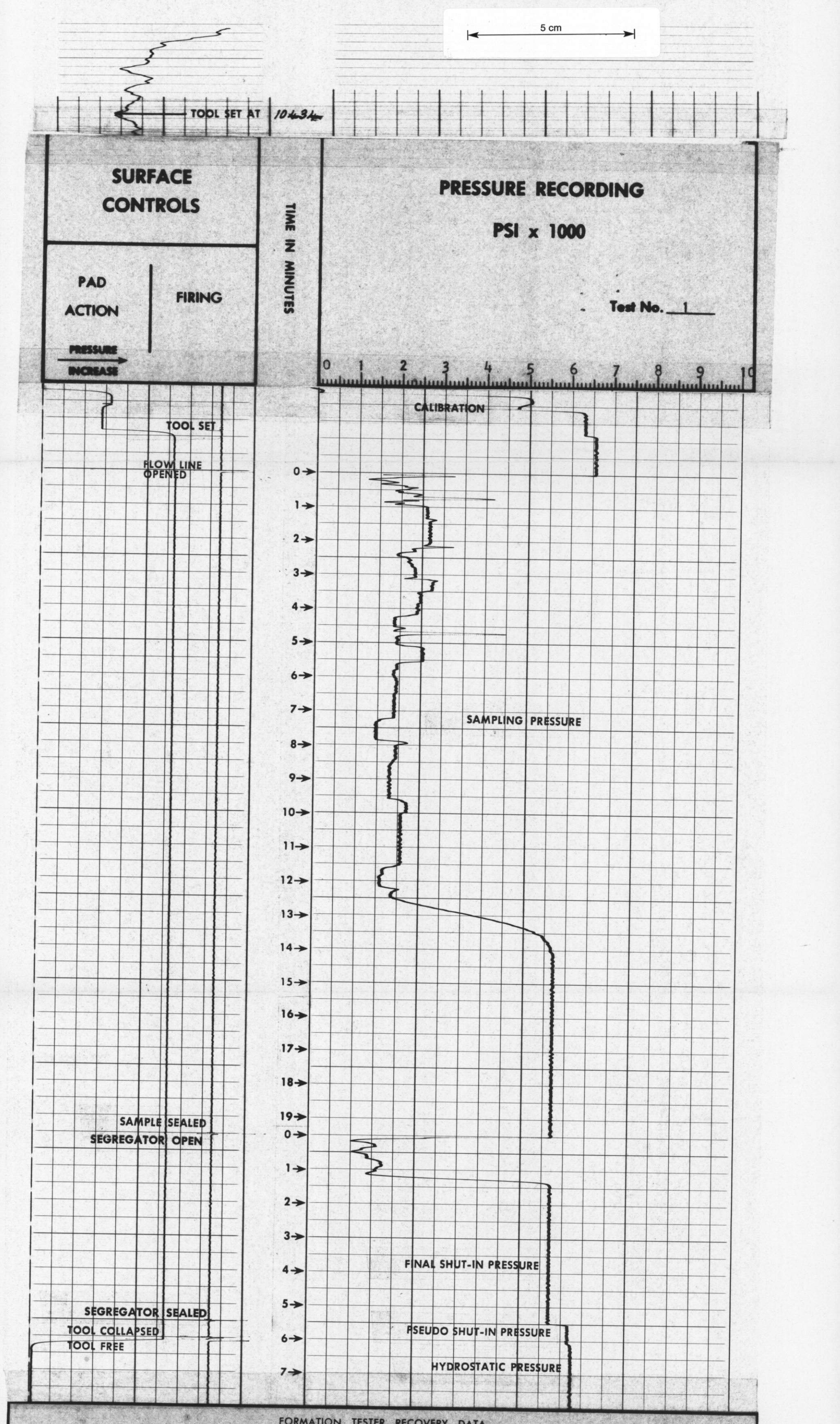
Run No. 2
Operating rig time 15
Logging Truck No. 2080
F.T. Truck No.
F.T. Engineer R. HANWRIGHT
F.T. Operator L. BROWNE
Location SAL

REMARKS: #4 NO RECORD AS CAMERA WAS NOT ENGAUGED. MUD RUN
#5
#6 LOST SEAL WHEN SEGREGATOR WAS OPENED.
#2 LOST SEAL AFTER 2.7MIN DUE TO HYDRAULIC FAILURE.
#1 PARTIAL PLUGGING OF FLOWLINE WHILE SAMPLING.

RECORDED TESTER POSITION

Test No. 1





FORMATION TESTER RECOVERY DATA

TEST No. 1
TEST DEPTH 10434
OPEN HOLE TEST ☒
CASED HOLE TEST ☐

RECOVERY DATA
Gas (Total) 1.4 cuft
Condensate 0 cc
Oil 0 cc
Water 21000 cc
Mud 0 cc
Sand 0 cc

TOOL DATA
Type of tool FIT COMBO
Type of Sample shot HTF
Sample Unit size 22165 cc
Choke size 0.03

PRESSURE DATA
Initial Shut in - psi
Shut in Time - min
Sampling 2000 psi
Sampling Time 12.5 min
Final Shut in 5700 psi
Shut in Time 7 min
Hydrostatic 6200 psi
Surface Chamber 100 psi

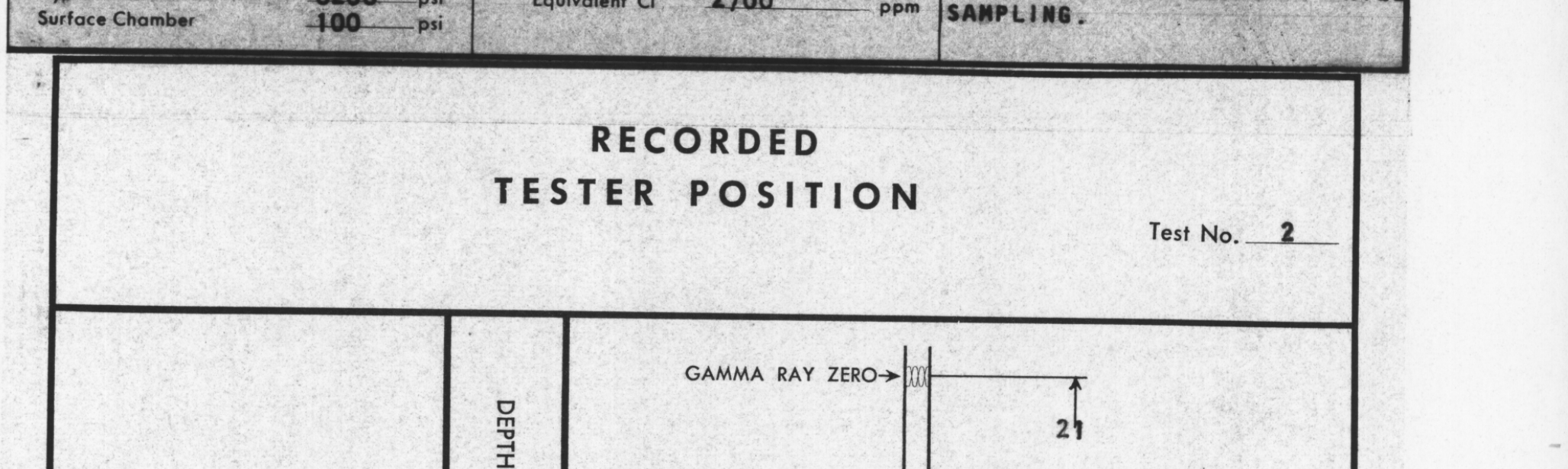
RECOVERY ANALYSIS
Free Gas 1.4 cuft
Oil
API Gravity - @ - °F
GOR -
Water
Rrf (Filtered) 1.31 @ 74 °F
Equivalent Cl 2700 ppm

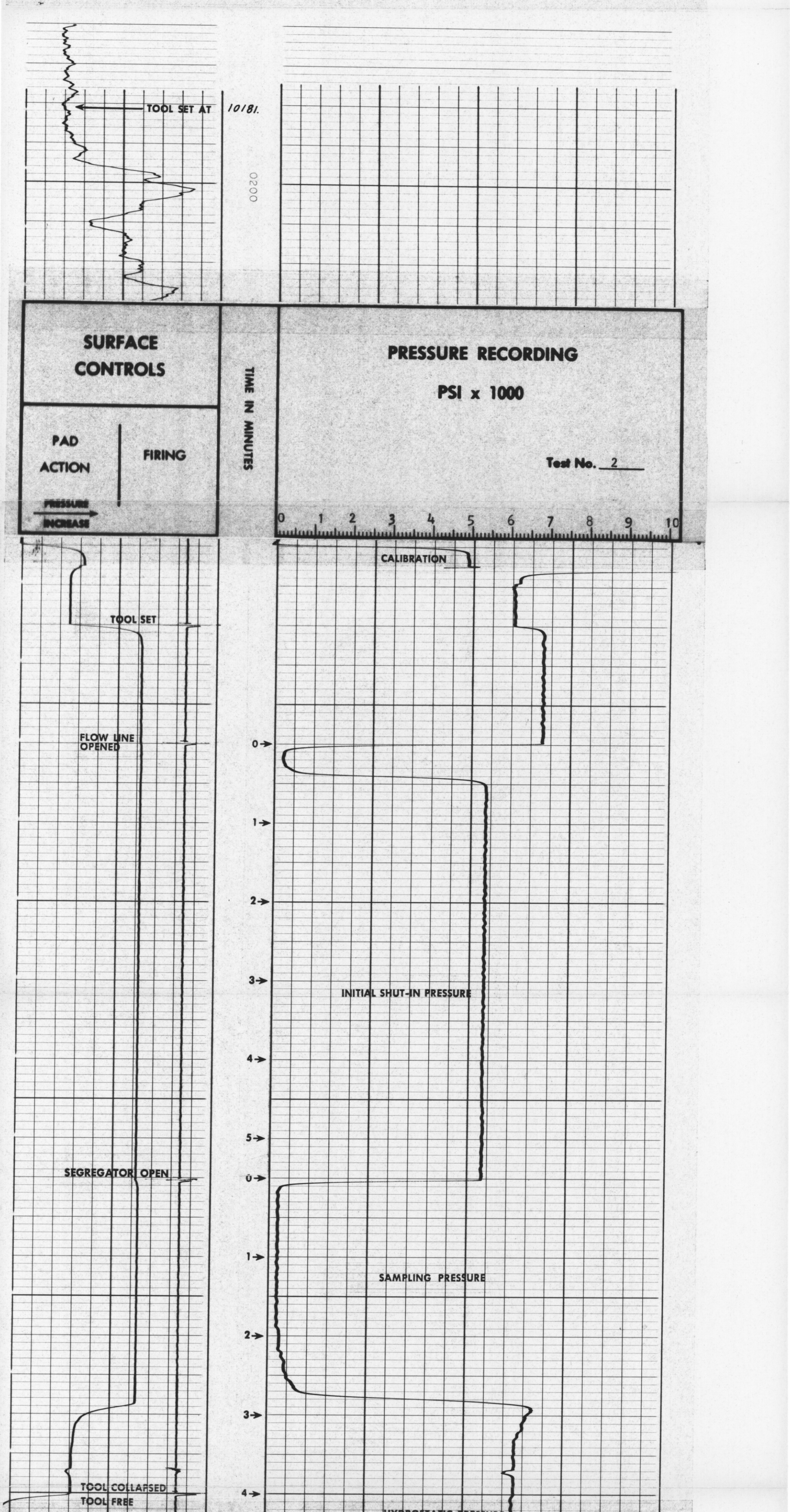
MUD FILTRATE DATA
Rmf 0.714 @ 61 °F
Equivalent Cl 4900 ppm
Rw @ °F
Equivalent Cl ppm

REMARKS PARTIAL PLUGGING WHILE SAMPLING.

RECORDED TESTER POSITION

Test No. 2





FORMATION TESTER RECOVERY DATA

TEST No. 2
TEST DEPTH 10181
OPEN HOLE TEST ☒
CASED HOLE TEST ☐

RECOVERY DATA
Gas (Total) 0 cuft
Condensate 0 cc
Oil 0 cc
Water 1000 cc
Mud 0 cc
Sand 0 cc

TOOL DATA
Type of tool FIT COMBO
Type of Sample shot HTF
Sample Unit size 2250 cc
Choke size NONE

PRESSURE DATA
Initial Shut in 5400 psi
Shut in Time 5.5 min
Sampling 0 psi
Sampling Time 2.7 min
Final Shut in LOSTSEAL psi
Shut in Time " min
Hydrostatic 6200 psi
Surface Chamber 0 psi

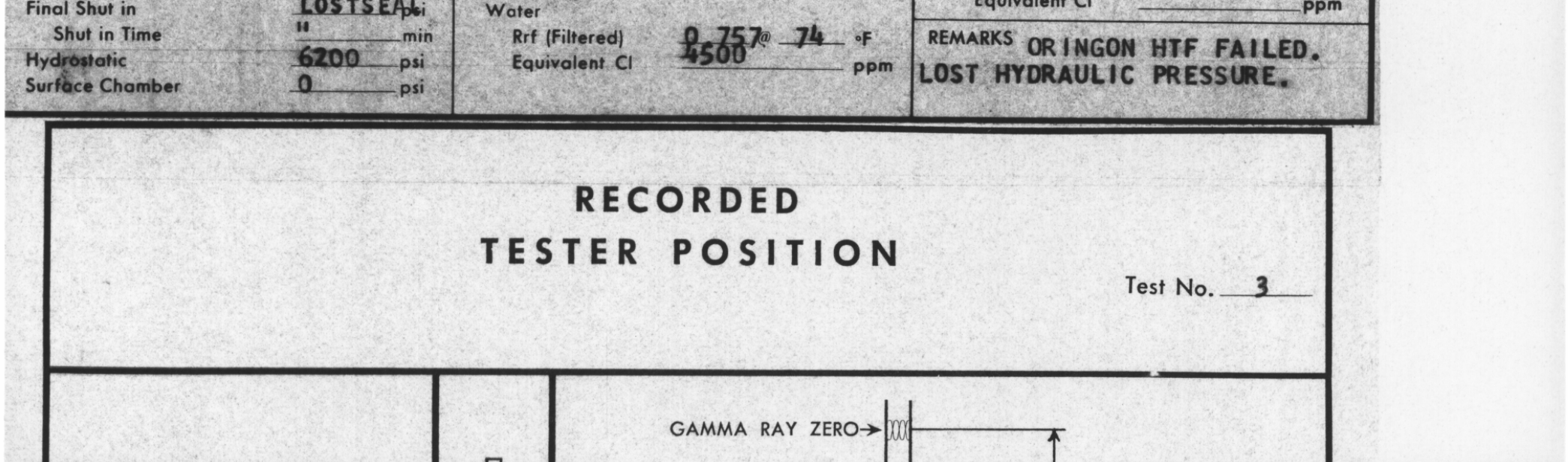
RECOVERY ANALYSIS
Free Gas - cuft
Oil
API Gravity - @ - °F
GOR
Water
Rrf (Filtered) 0.757 @ 74 °F
Equivalent Cl 4500 ppm

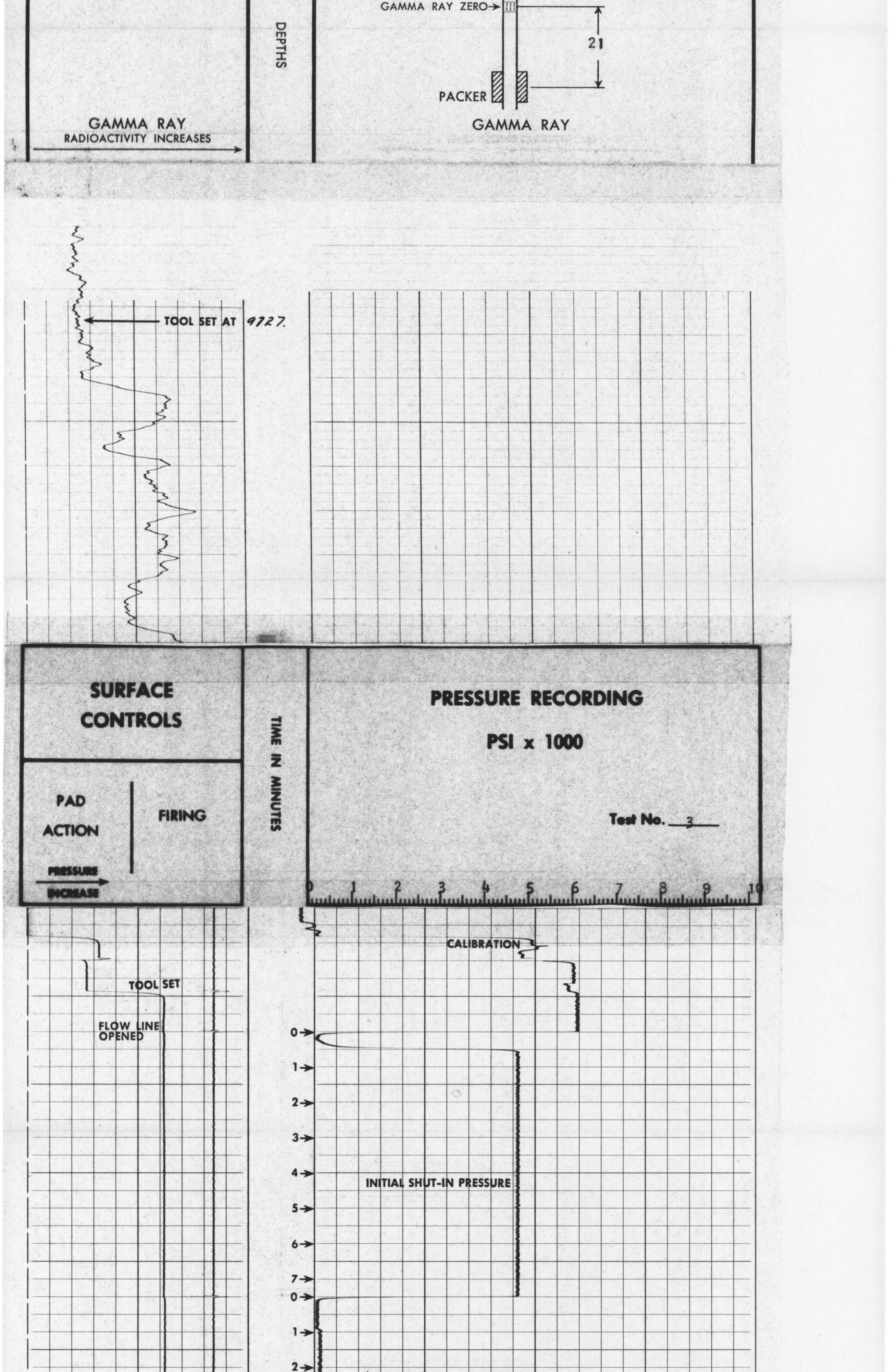
MUD FILTRATE DATA
Rmf 0.714 @ 61 °F
Equivalent Cl 4900 ppm
Rw @ °F
Equivalent Cl ppm

REMARKS ORINGON HTF FAILED. LOST HYDRAULIC PRESSURE.

RECORDED TESTER POSITION

Test No. 3





FORMATION TESTER RECOVERY DATA

TEST No. 3
TEST DEPTH 9727
OPEN HOLE TEST ☒
CASED HOLE TEST ☐

RECOVERY DATA
Gas (Total) 0 cuft
Condensate 0 cc
Oil 0 cc
Water 2200 cc
Mud 0 cc
Sand 0 cc

TOOL DATA
Type of tool FIT COMBO
Type of Sample shot HTF
Sample Unit size 2250 cc
Choke size NONE

PRESSURE DATA
Initial Shut in 4700 psi
Shut in Time 7.5 min
Sampling 0 psi
Sampling Time 4 min
Final Shut in 4500 psi
Shut in Time 5 min
Hydrostatic 5800 psi
Surface Chamber 0 psi

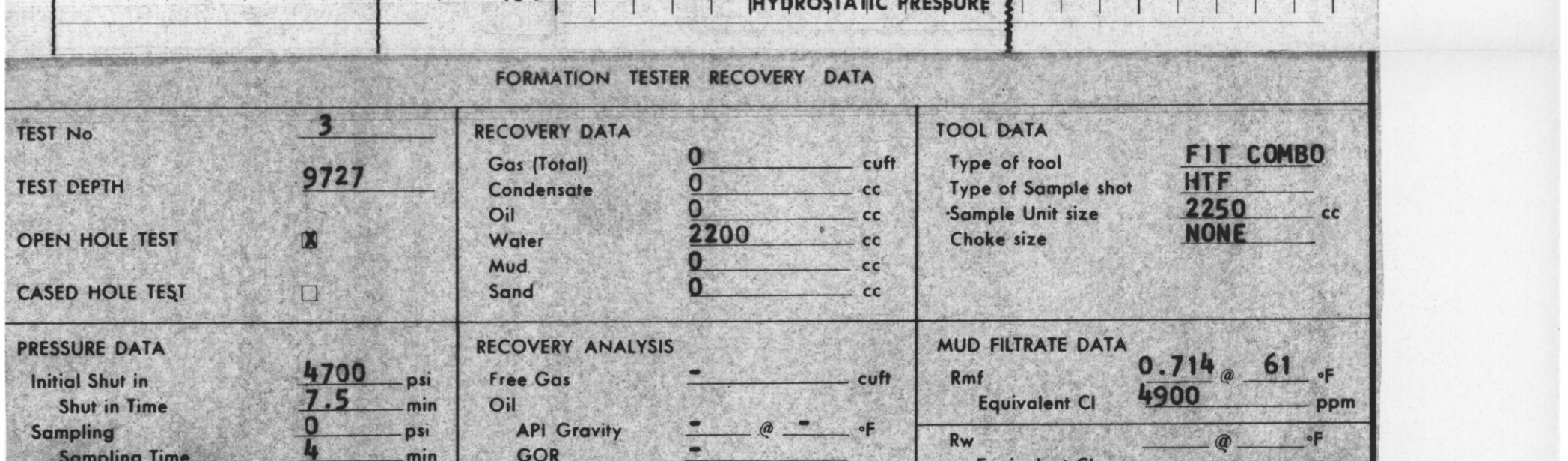
RECOVERY ANALYSIS
Free Gas - cuft
Oil
API Gravity - @ - °F
GOR -
Water
Rrf (Filtered) 0.789 @ 74 °F
Equivalent Cl 4300 ppm

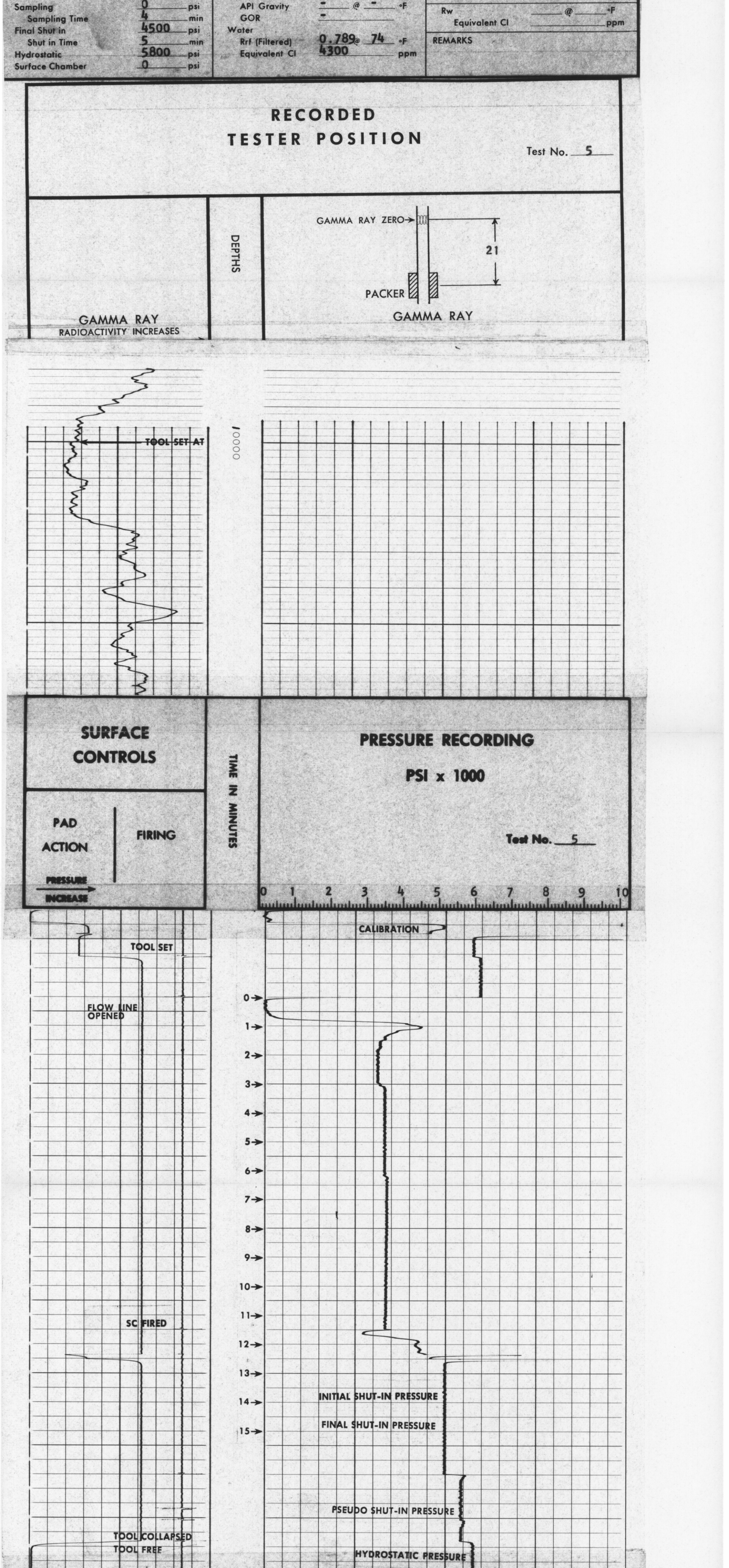
MUD FILTRATE DATA
Rmf 0.714 @ 61 °F
Equivalent Cl 4900 ppm
Rw @ °F
Equivalent Cl ppm

REMARKS

RECORDED TESTER POSITION

Test No. 5





FORMATION TESTER RECOVERY DATA

TEST No. 5
TEST DEPTH 10000
OPEN HOLE TEST ☒
CASED HOLE TEST ☐

RECOVERY DATA
Gas (Total) 0 cuft
Condensate 0 cc
Oil 0 cc
Water 2100 cc
Mud 0 cc
Sand 0 cc

TOOL DATA
Type of tool FIT COMBO
Type of Sample shot HTF+1X7/8"SC
Sample Unit size 2250 cc
Choke size NONE

PRESSURE DATA
Initial Shut in psi
Shut in Time min
Sampling psi
Sampling Time min
Final Shut in 5000 psi
Shut in Time 4 min
Hydrostatic 5750 psi
Surface Chamber 100 psi

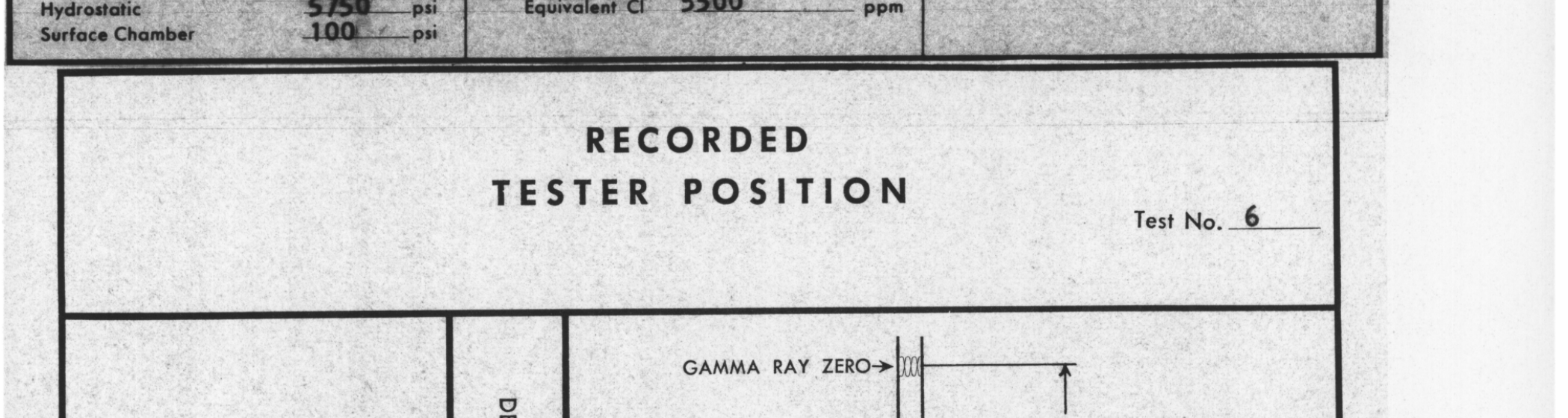
RECOVERY ANALYSIS
Free Gas 0 cuft
Oil
API Gravity - @ - °F
GOR -
Water
Rrf (Filtered) 0.664 @ 74 °F
Equivalent Cl 5500 ppm

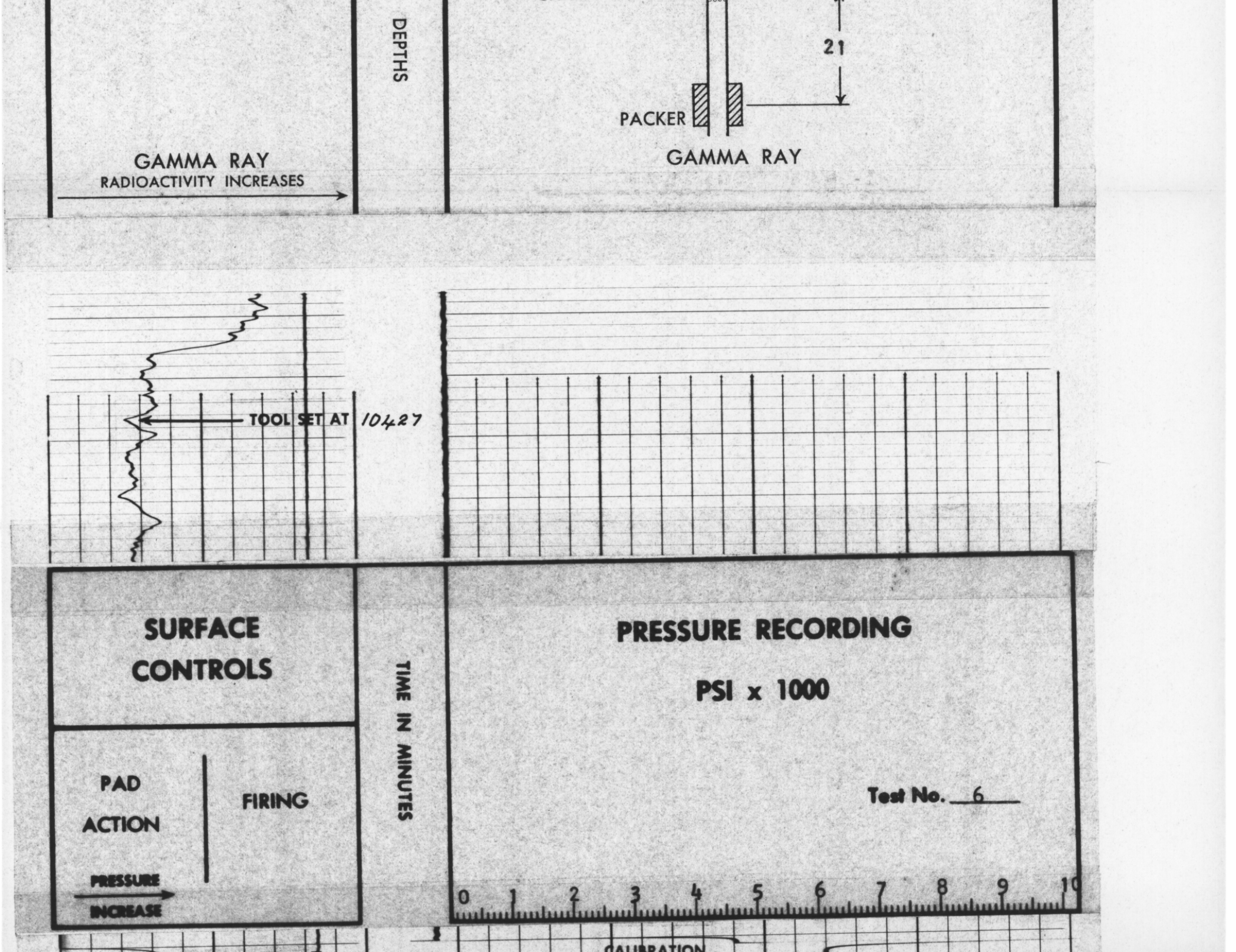
MUD FILTRATE DATA
Rmf 0.714 @ 61 °F
Equivalent Cl 4900 ppm
Rw @ °F
Equivalent Cl ppm

REMARKS

RECORDED TESTER POSITION

Test No. 6





FORMATION TESTER RECOVERY DATA

TEST No. 6
TEST DEPTH 10427
OPEN HOLE TEST ☒
CASED HOLE TEST ☐

RECOVERY DATA
Gas (Total) 1.1 cuft
Condensate 0 cc
Oil 0 cc
Water 21000 cc
Mud 0 cc
Sand 0 cc

TOOL DATA
Type of tool FIT COMBO
Type of Sample shot HTF
Sample Unit size 22165 cc
Choke size 0.03

PRESSURE DATA
Initial Shut in - psi
Shut in Time - min
Sampling 4600 psi
Sampling Time 4 min
Final Shut in 5300 psi
Shut in Time 5.5 min
Hydrostatic 6050 psi
Surface Chamber 100 psi

RECOVERY ANALYSIS
Free Gas 1.1 cuft
Oil
API Gravity - @ - °F
GOR -
Water
Rrf (Filtered) 0.962 @ 74 °F
Equivalent Cl 3500 ppm

MUD FILTRATE DATA
Rmf 0.714 @ 61 °F
Equivalent Cl 4900 ppm
Rw @ °F
Equivalent Cl ppm

REMARKS LOST SEAL ON SEGREGATOR

COMPANY ESSO AUSTRALIA LIMITED
WELL POONBOON 1
FIELD WILDCAT
COUNTRY AUSTRALIA STATE VICTORIA

SCHLUMBERGER
FORMATION TESTER