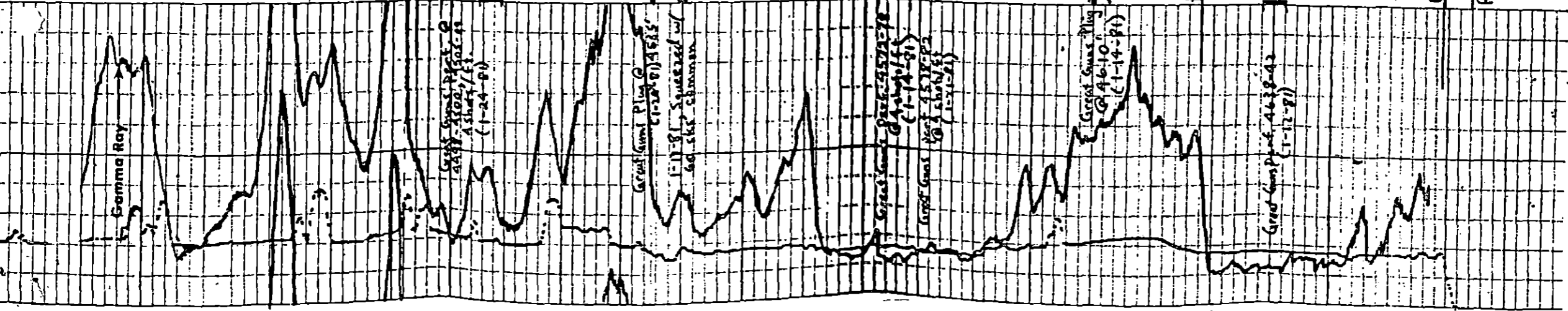


NUMERICAL VALUE

Gamma Ray



Great Guns Plug @
4437-4500 (1-24-81)
4500-4505 (1-24-81)

Great Guns Plug @
4505-4515 (1-24-81)

Great Guns Plug @
4515-4525 (1-14-81)
Great Guns Plug @
4525-4535 (1-14-81)

Great Guns Plug @
4610-4615 (1-14-81)

Great Guns Plug @
4638-4643 (1-12-81)

4494 Cherokee Sand

4500

MISS. 4503

4600

KINNER HOOK SAND 4603-81

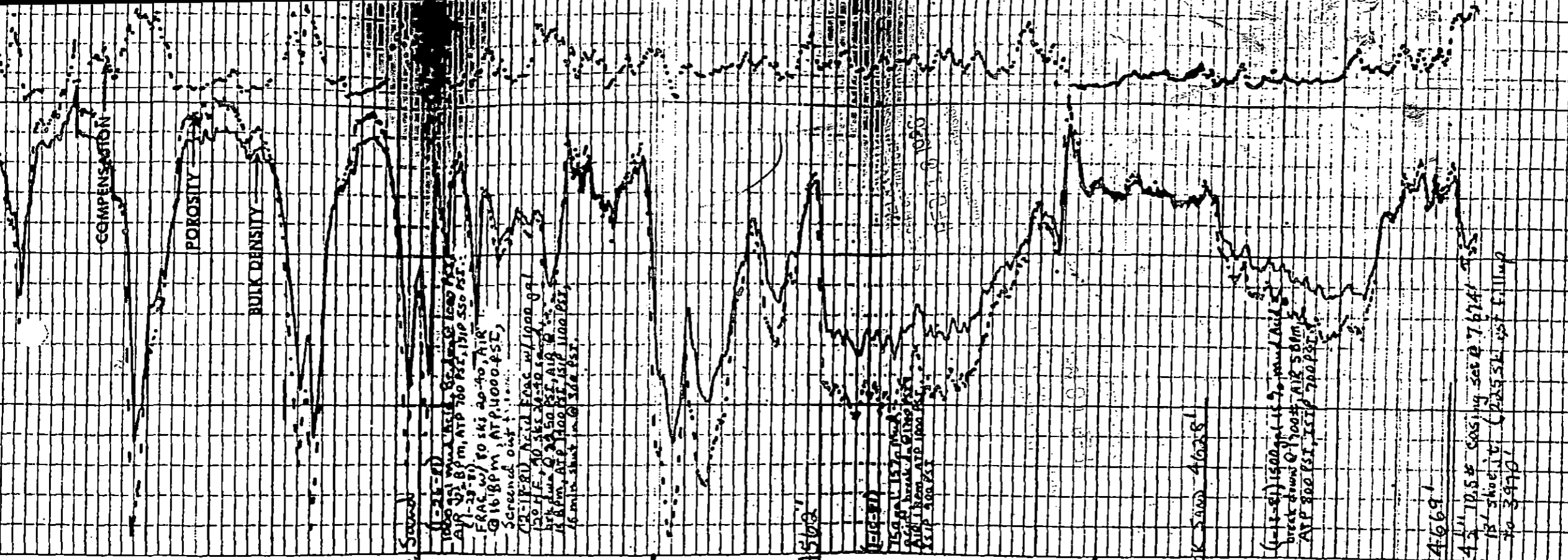
VIOLA

RTD 4675

COMPENSATION

POROSITY

BULK DENSITY



1000 gal water @ 15.85 lb/gal @ 1000 PSI
AIR @ 11.87 lb/m, ATP 700 PSI, 1310 550 PSI
FRAC w/ 10 sks @ 40, AIR @ 168 BPM, ATP 14000 PSI
Screened out @ 1.1 min.
C2-11-81 Acid Frac w/ 1000 gal
150 H.F. 30 sks @ 40
150 H.F. 30 sks @ 50 PSI, AIR @ 168 BPM, ATP 14000 PSI, 1310 550 PSI
16 min shut in @ 3.08 PSI

1500 gal 15% acid
Acid break @ 1180 PSI
Aid 1 Rem ATP 1000 PSI
KSP 300 PSI
1-11-81

(1-1-81) 1500 gal 15% acid
break down @ 1700 PSI, AIR 58 BPM
ATP 800 PSI, 1310 700 PSI

42 10.5% casing set @ 7674' 255
18' shoe lift (255 SK test fillup
to 3979')

200 100