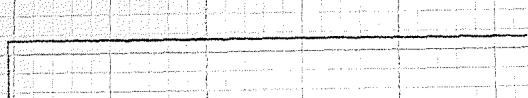
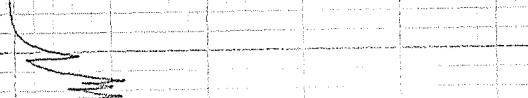


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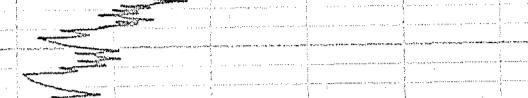
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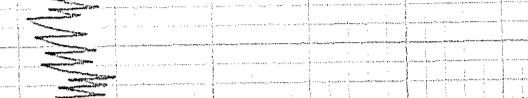
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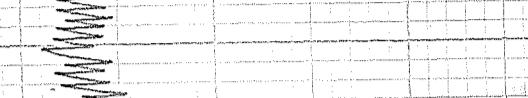
4420'



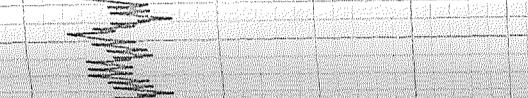
4440'



4460'



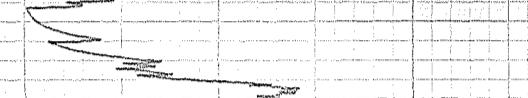
4480'



4500'



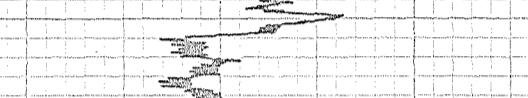
4520'



4540'



4560'



4580'

Rate
Comp 4.0

Rate
Comp 0.05

X

4540

4560

4580'

4600'

APPX.
soil mix

4600

4720

4740

4760

4780

4800'

4820'

4820'

4840'

4860'

4880'

4900'

4920'

4940'

4960'

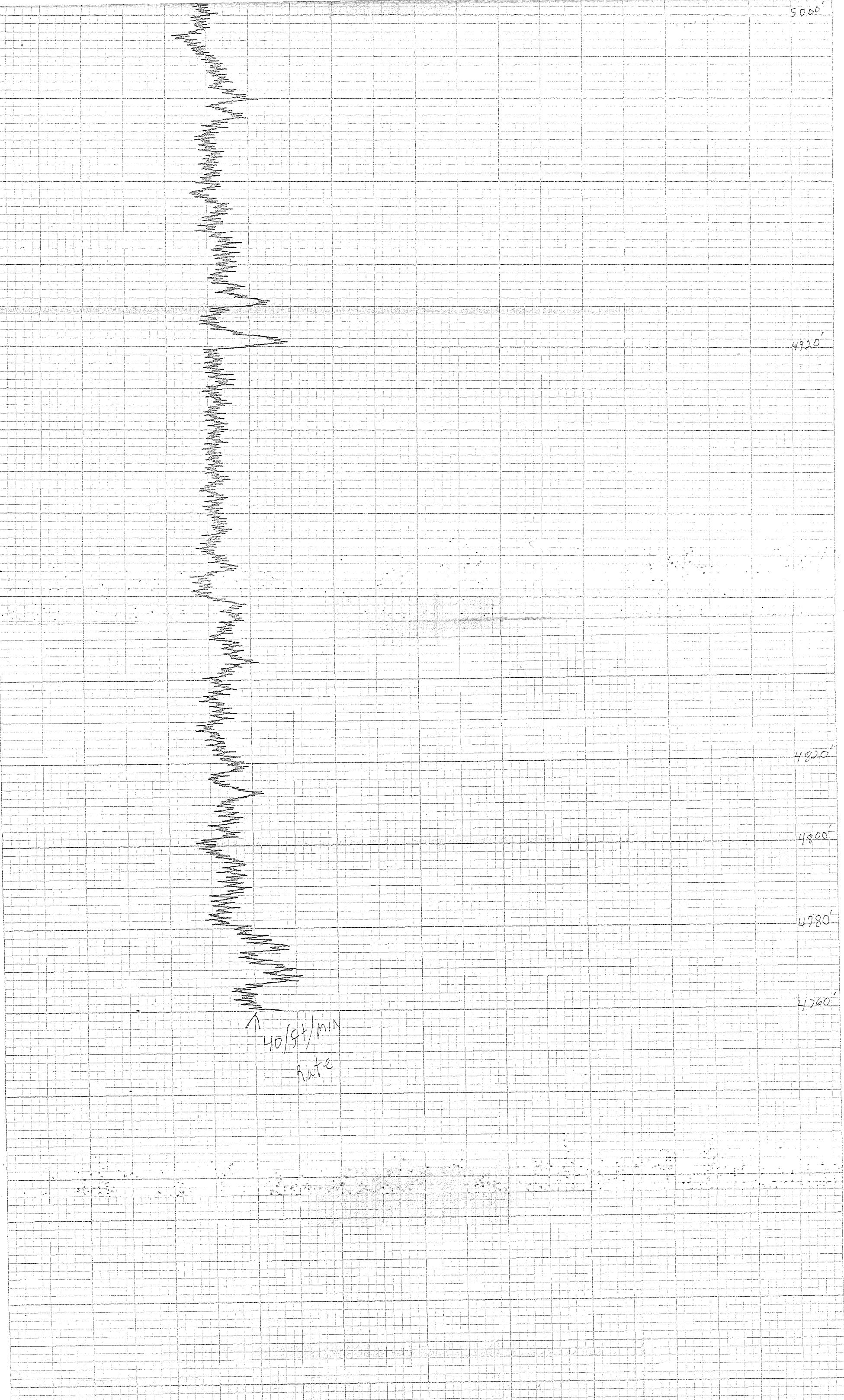
4980'

5000'

5020'

5040'

5060'



4960

4950

5000

5020

5040

5020

5000

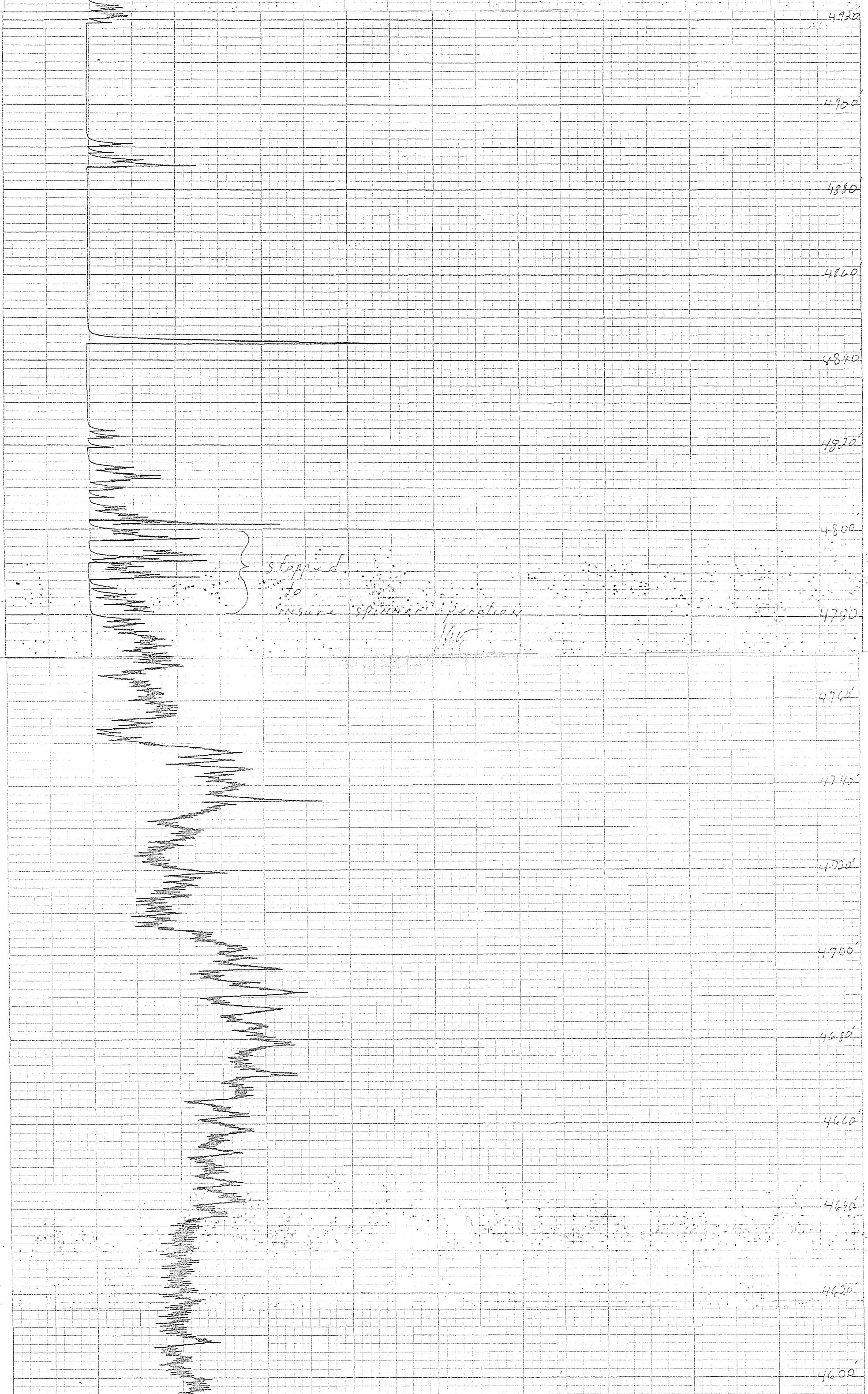
4980

4960

4940

4920

4900



4600'

4580'

4560'

4540'

4520'

4500'

4480'

4460'

4440'

4420'

4400'

4380'

4360'

4340'

4320'

4300'

4280'

4300

4280

4260

4240

4220'

4200'

4180'

4160

4140

4120

4100

4080

4060

4040

4020

4000

3980

3980'

3960'

3940'

3920'

3900'

3880'

3860'

3840'

3820'

3800'

3780'

3760'

3740'

3720'

3700'

3685'

K110

0 Pulses

0 ft/min

Rate

13^{1/2} casings

20 ft/min

Rate

11/8/82

11:25 am

RRG E II

Spanner

JMT

36.80'

36.60'

36.40'

36.20'

36.00'