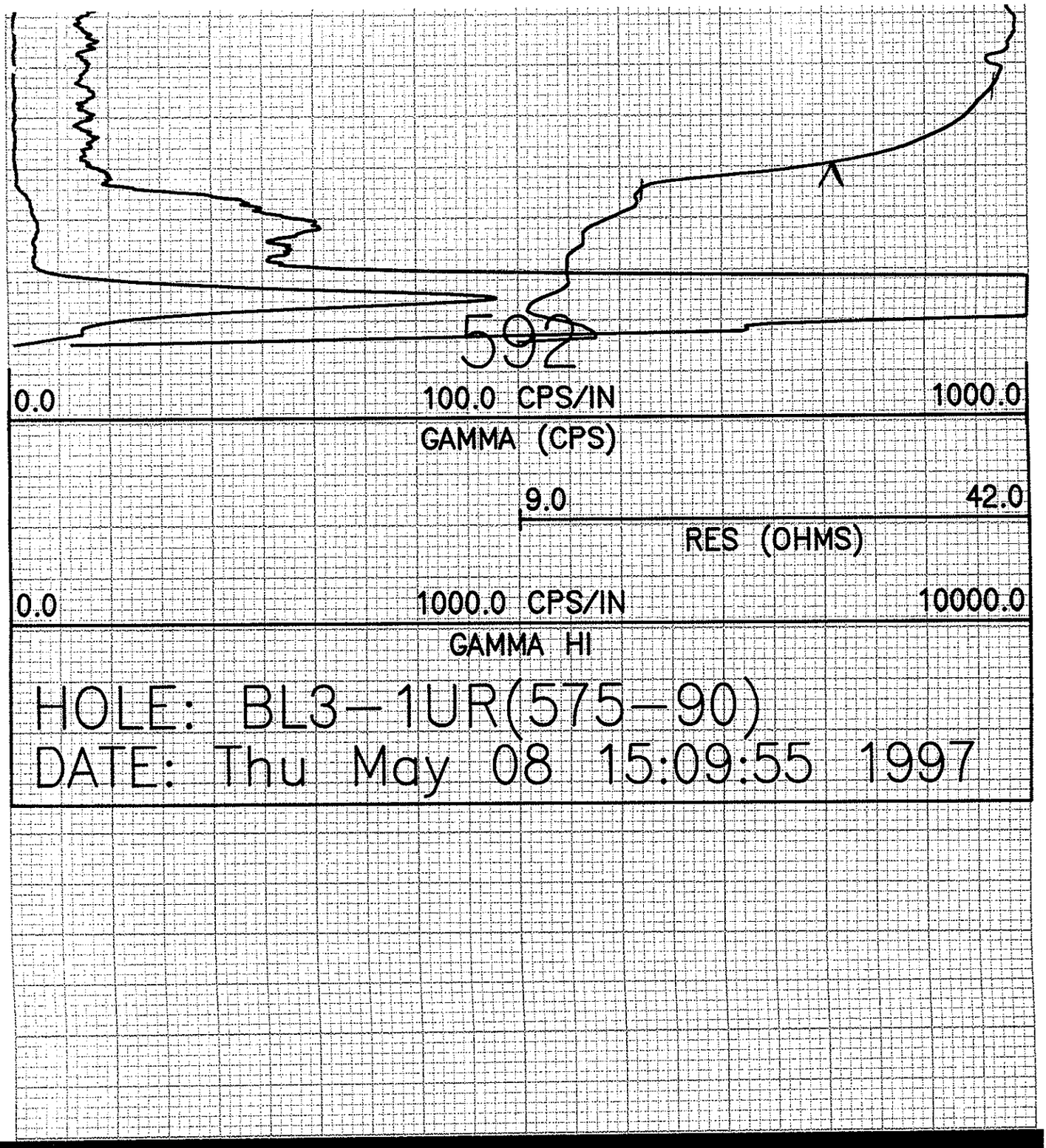
Baseline wells

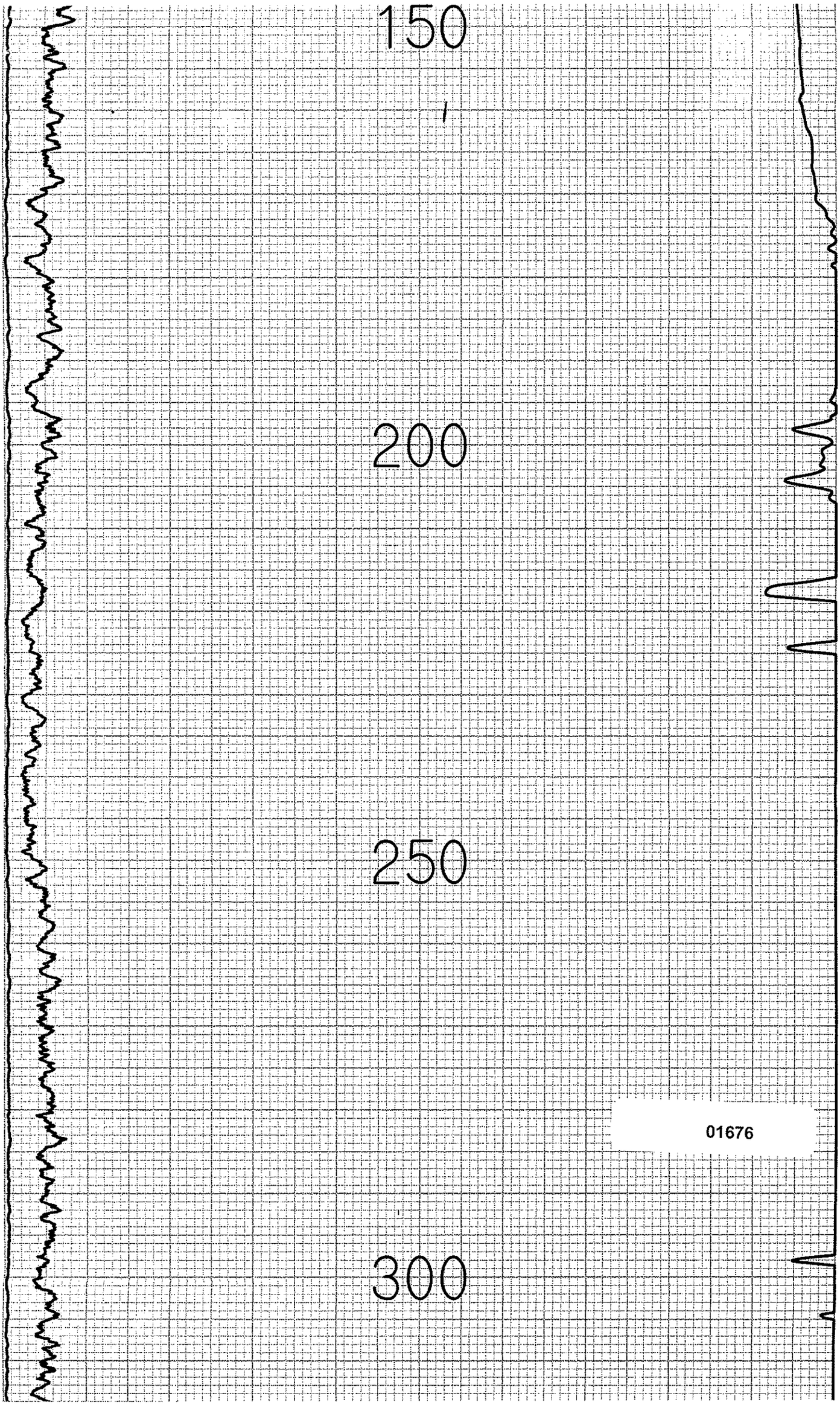
11 (eleven) wells

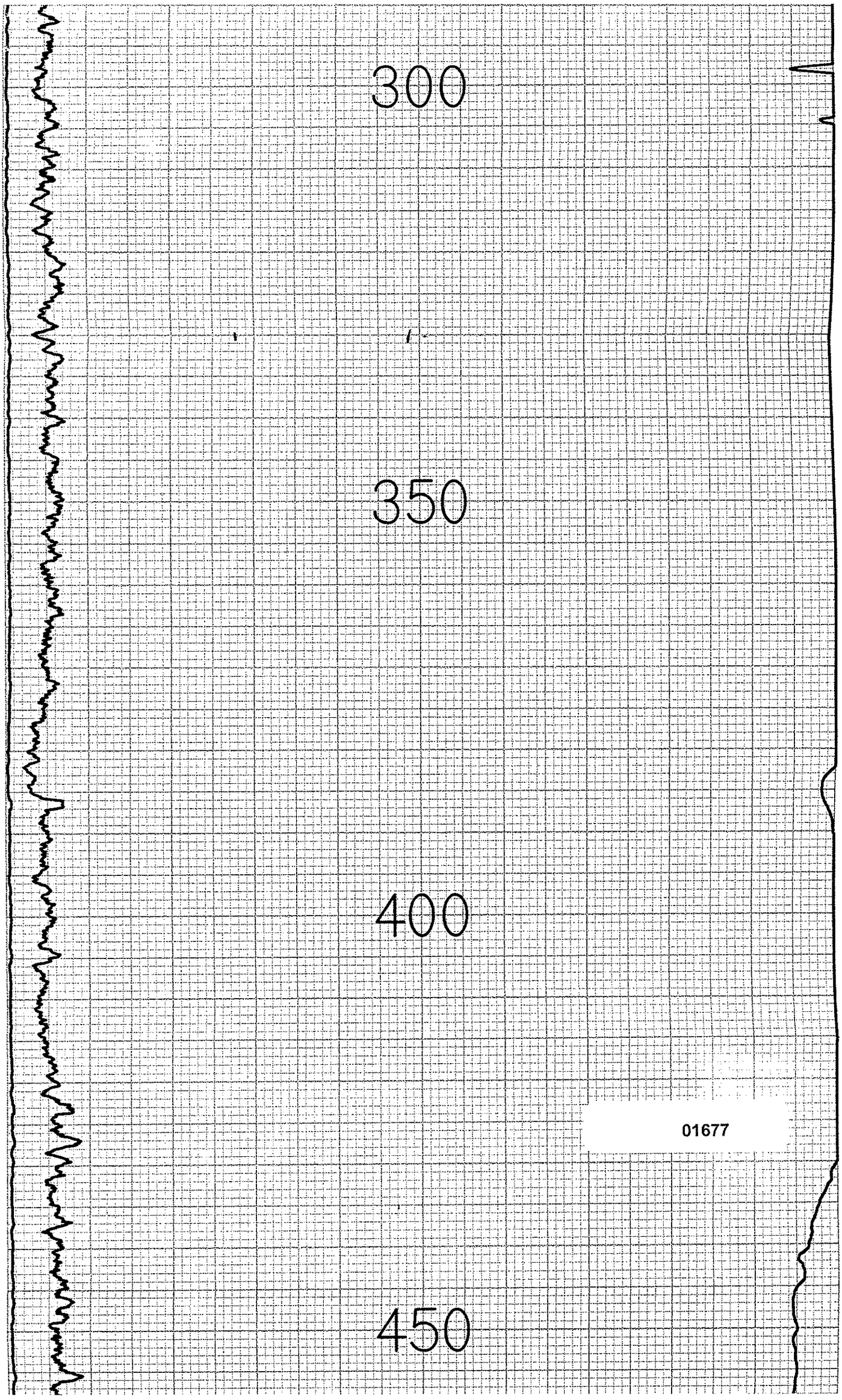
BL1 – 11

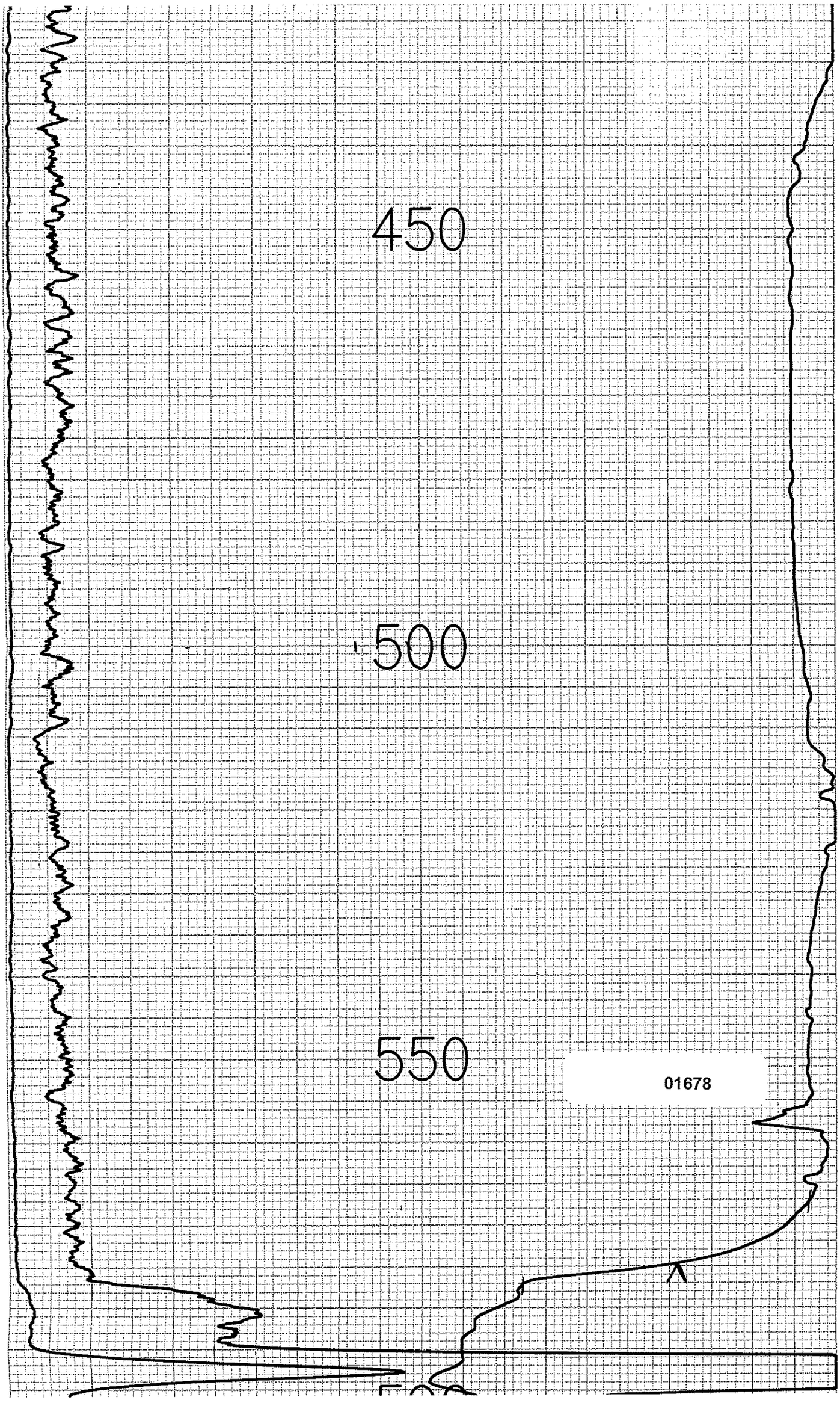

592
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
9.0
42.0
RES (OHMS)
0.0
1000.0 CPS/IN
10000.0
GAMMA HI
HOLE: BL3-1UR(575-90)
DATE: Thu May 08 15:09:55 1997

01679

150
100
50
0
01675


150
200
250
300
01676


300
350
400
01677
450


450
500
550
01678

HOLE NUMBER

URI 2835/BL3-1

KLEBERG COUNTY TEXAS

SEC: --- TWN: --- RNG: ---

KVD

TD DRILLED	– 680.0'	ELEVATION	– μ
TD LOGGED	– 679.1'	CASING TYPE	– NONE
LOGGING SPEED	– 60'/MIN.	HOLE FLUID	– H2O
REFERENCE	– SURFACE	DRILLER	– AMADOR
BIT SIZE	– 5 5/8"		

REMARKS:

URI
Corpus Christi, Texas
Telephone 512-279-3342

BROADWAY – UNIT: L-4
02-06-97 – 1542 HRS.

TOOL MODEL/SER. NO.: 2025-1

NATURAL GAMMA

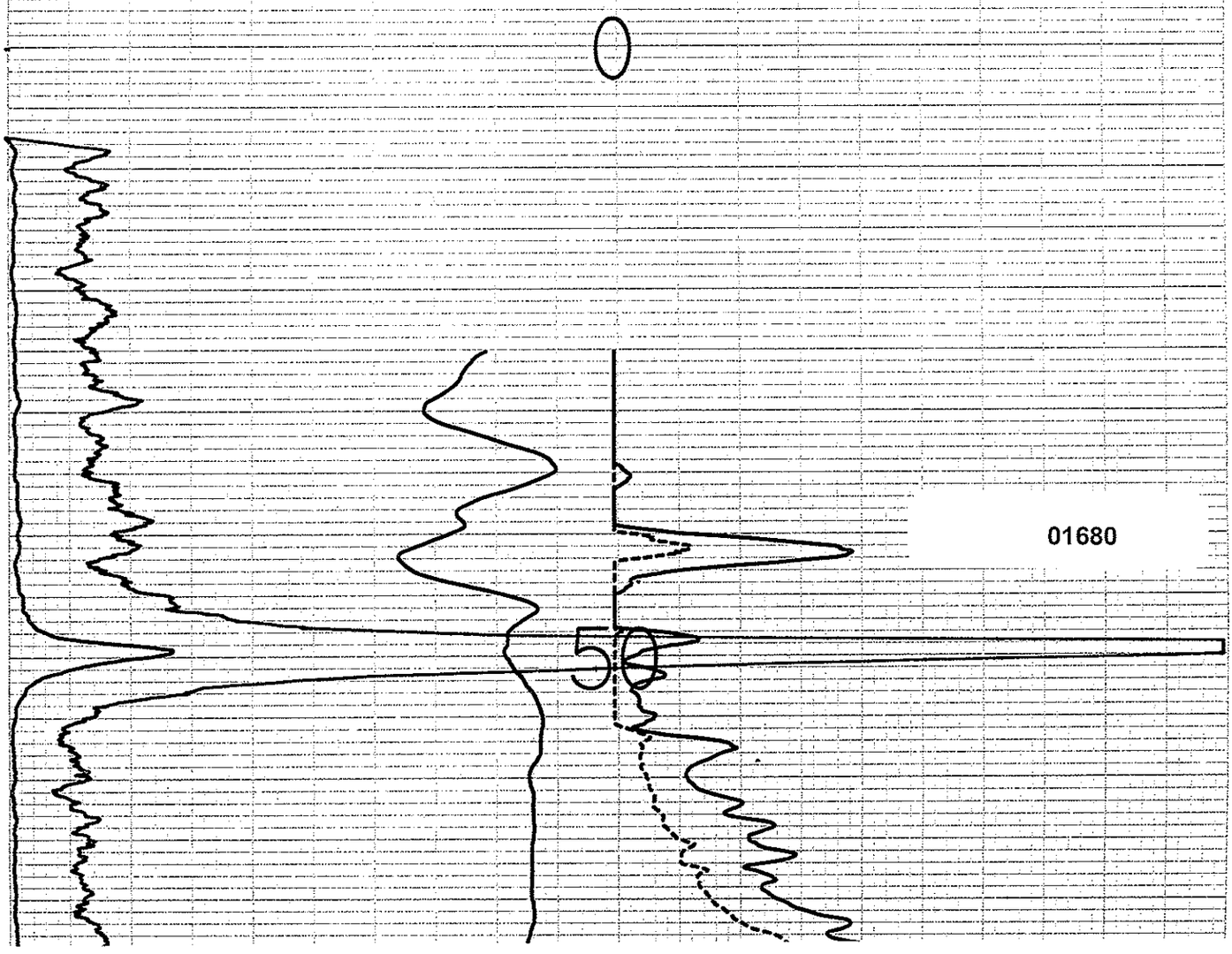
DETECTOR – .875 X 4.0 NaI(T)
K-FACTOR – .00000573
DEADTIME – .00000023
TEST PIT – G.W.
LAST CAL. – 6-27-96
WATER FACTOR – 1.142
CASING FACTOR–

NEUTRON

DETECTOR – 1 X 6 INCH HE3
SOURCE – 1.5 Ci AmBe
SPACING – 14 Inches

ELECTRIC LOGS

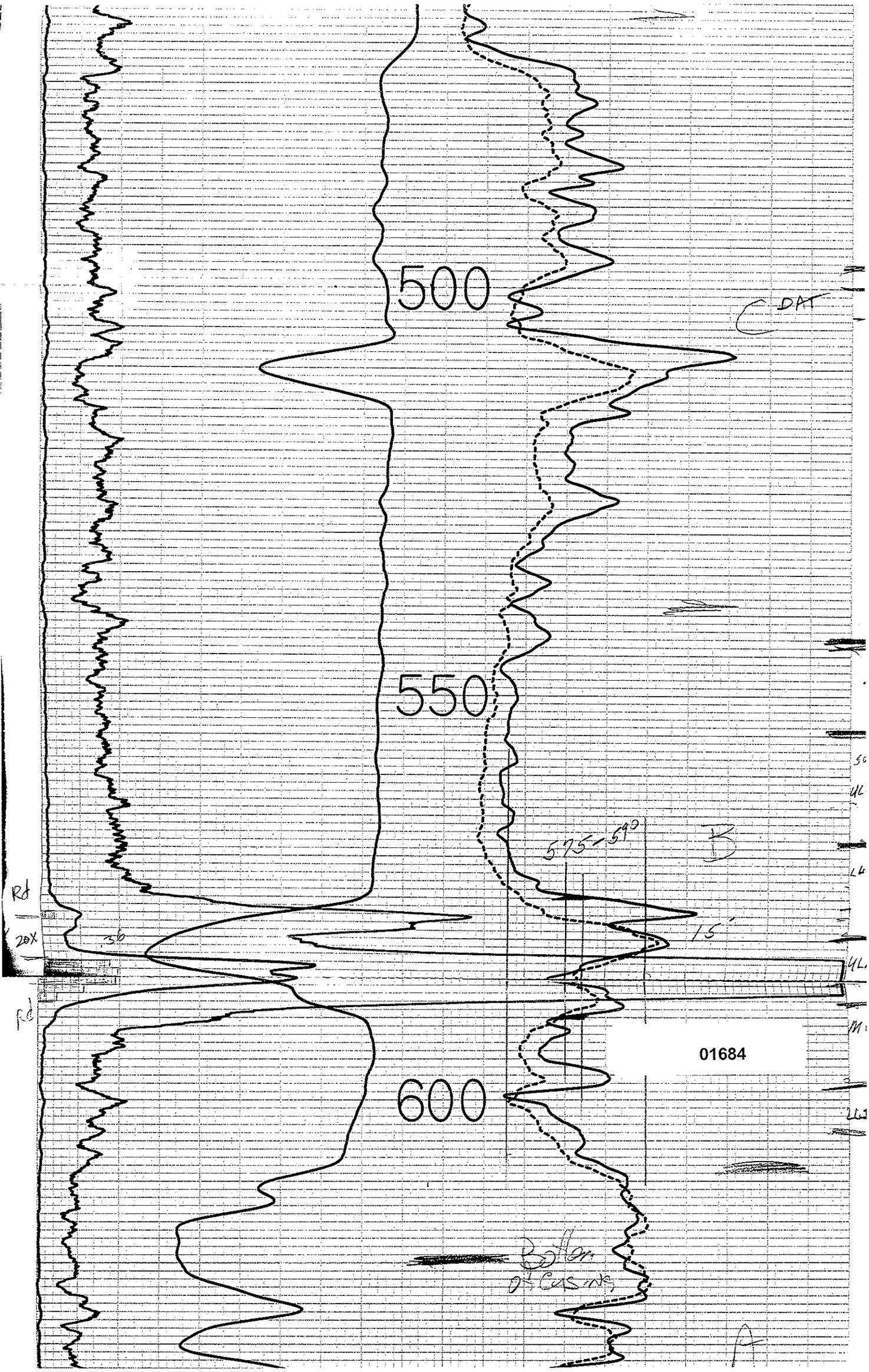
SINGLE POINT RESISTANCE
SP/16 INCH NORMAL
64 INCH NORMAL

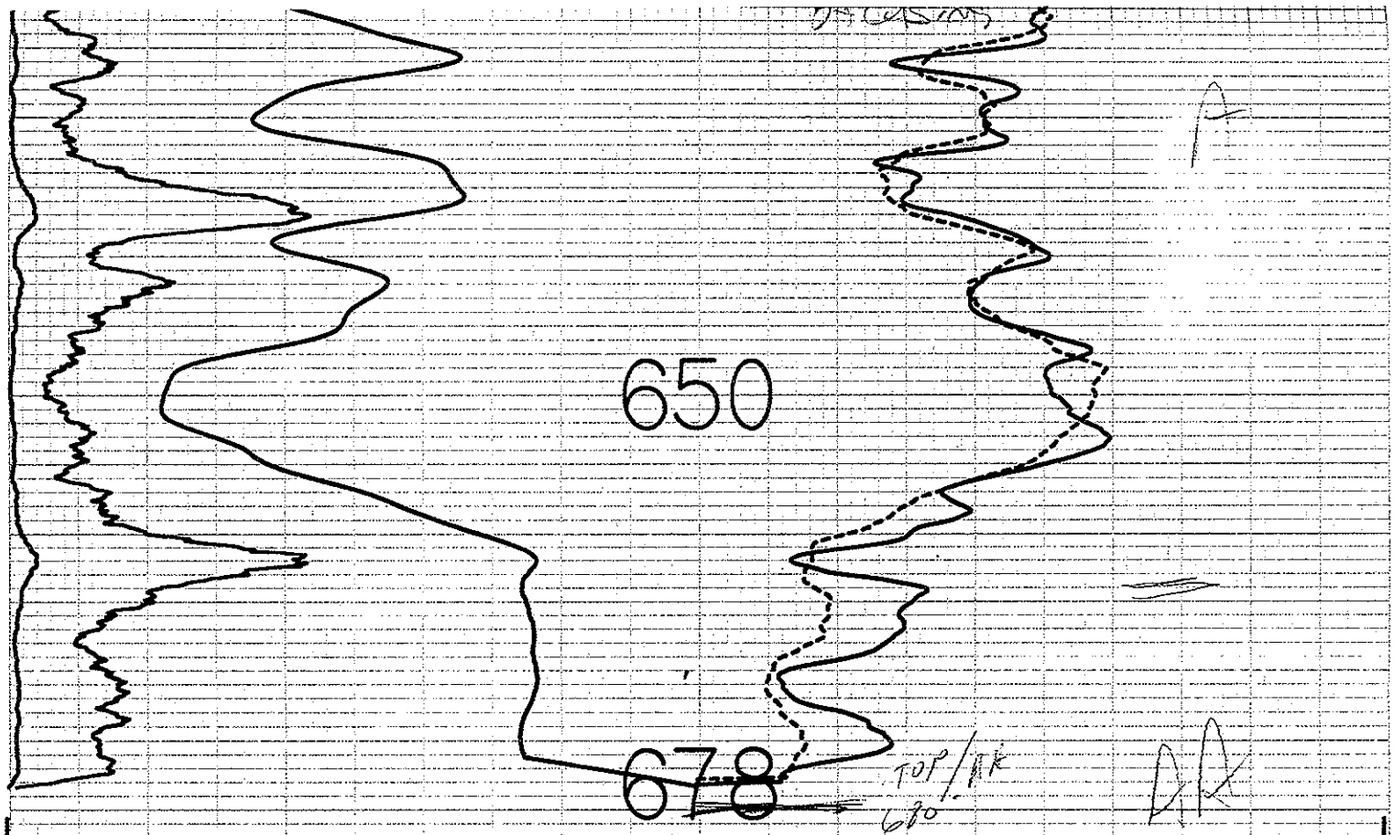


100
150
200
01681

200
250
300
350
01682

350
400
450
01683


500
550
600
CDAT
575-590
B
15'
Rd
20X
Bottom of Casing
A
01684



0.0 100.0 CPS/IN 1000.0

GAMMA (CPS)

21.0 0.0 9.0 20.0

SP (MVOLTS) RES (OHMS)

24.9 74.9

SN (OHM-M)

0.0 1000.0 CPS/IN 10000.0

GAMMA HI

HOLE: 2835/BL3-1

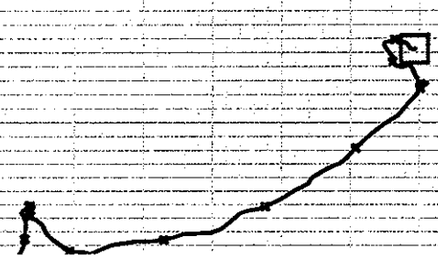
DATE: Thu Feb 06 15:43:16 1997

DEVIATION SURVEY

HOLE: 2835
DATE: FEB 06, 1997
TRUE DEPTH : 678.9
DEVIATION : 8.7
BEARING : 226.0
SCALE FT/IN: 2.0

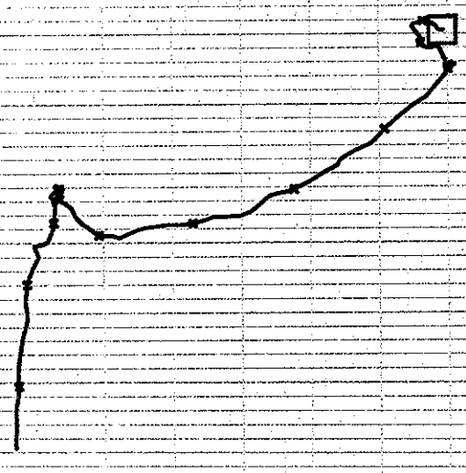
NORTH

01685



DEVIATION SURVEY

HOLE: 2835
DATE: FEB 06, 1997
TRUE DEPTH : 678.9
DEVIATION : 8.7
BEARING : 226.0
SCALE FT/IN: 2.0



01686

(2835) #1

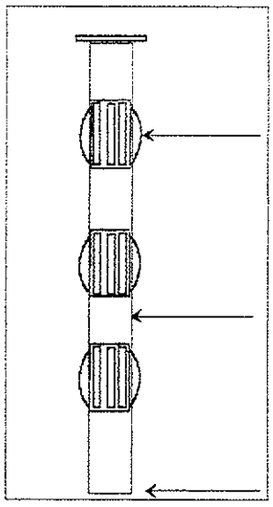
Well Name: B.L. 8501 / BL 3-1

Date: 29-Apr-97

Driller:

Project: Kingsville Dome OK MCO

Completion Type: Casing through the interval for a underreamed completion with a gravel pack.



Joints of 6 in Casing Required:	31.0 Jts.	
Length of Short 6 in Casing .	0 **ft.**	**To be run as Last Jt. in hole**

Run Centralizers at: 1st, 4th, 15th & 22nd joints from bottom of casing

Cement Displaced to: 580 ft. inside of casing.

Pipe Size: 6.50 in. (6" SDR 17 Casing)

Hole Reamed to: 623 ft.

32.3 (bbls) Volume of Cement Slurry Volume Required

Cement Designed 22.4 (bbls) Mixing Water Required = 943 Gals.

to be: 13.0 ppg 98.2 Sacks of Cement Required

Cement Yield: 1.85 cuft/sx 0.9 Sacks of Gel Required = 92 lbs of Gel Required

818 gallons Displacement Volume Required
or
19.5 bbls Displacement Volume Required

50 % Excess Cement

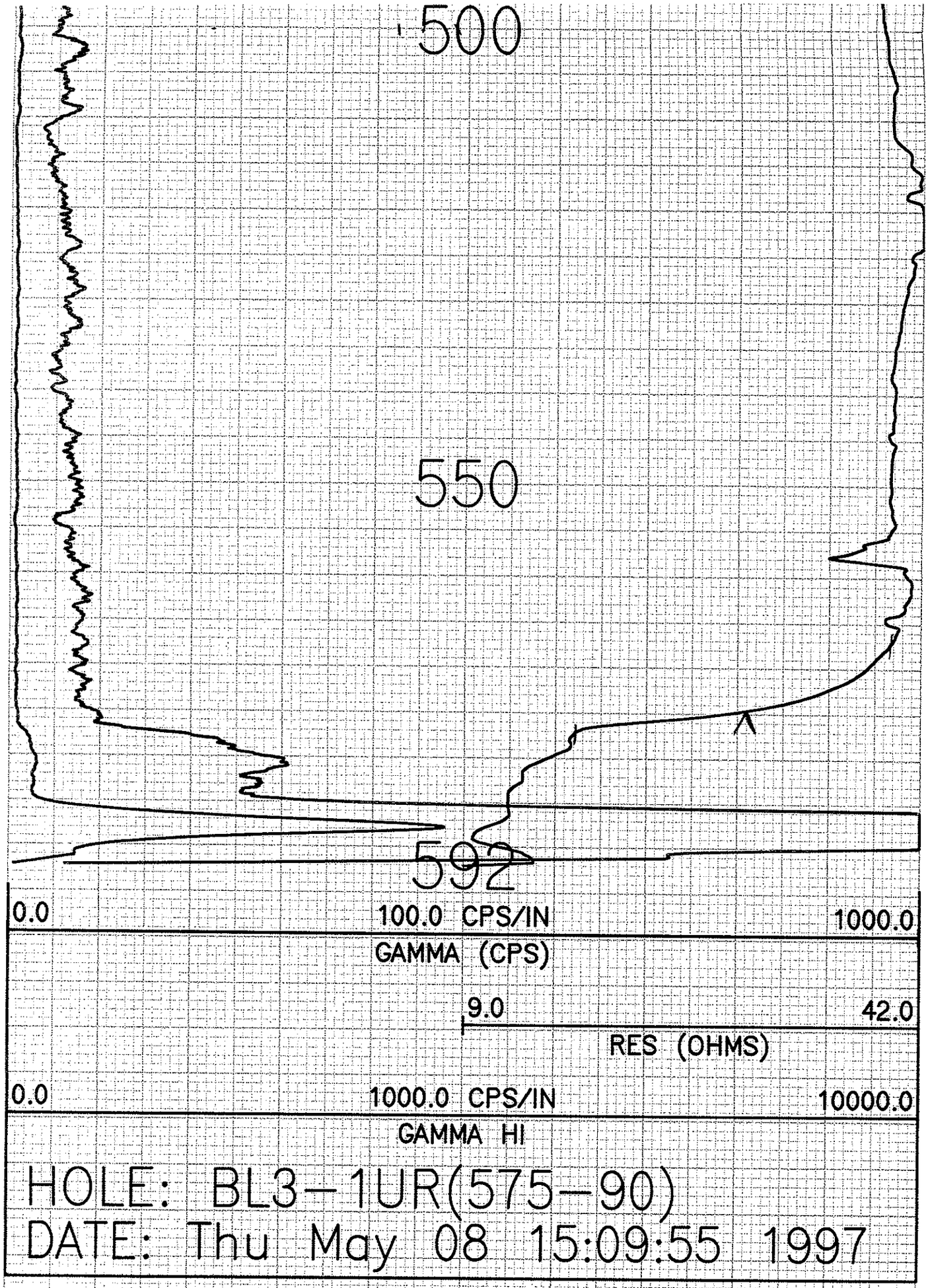
116.0 Annular Volume (cuft.)

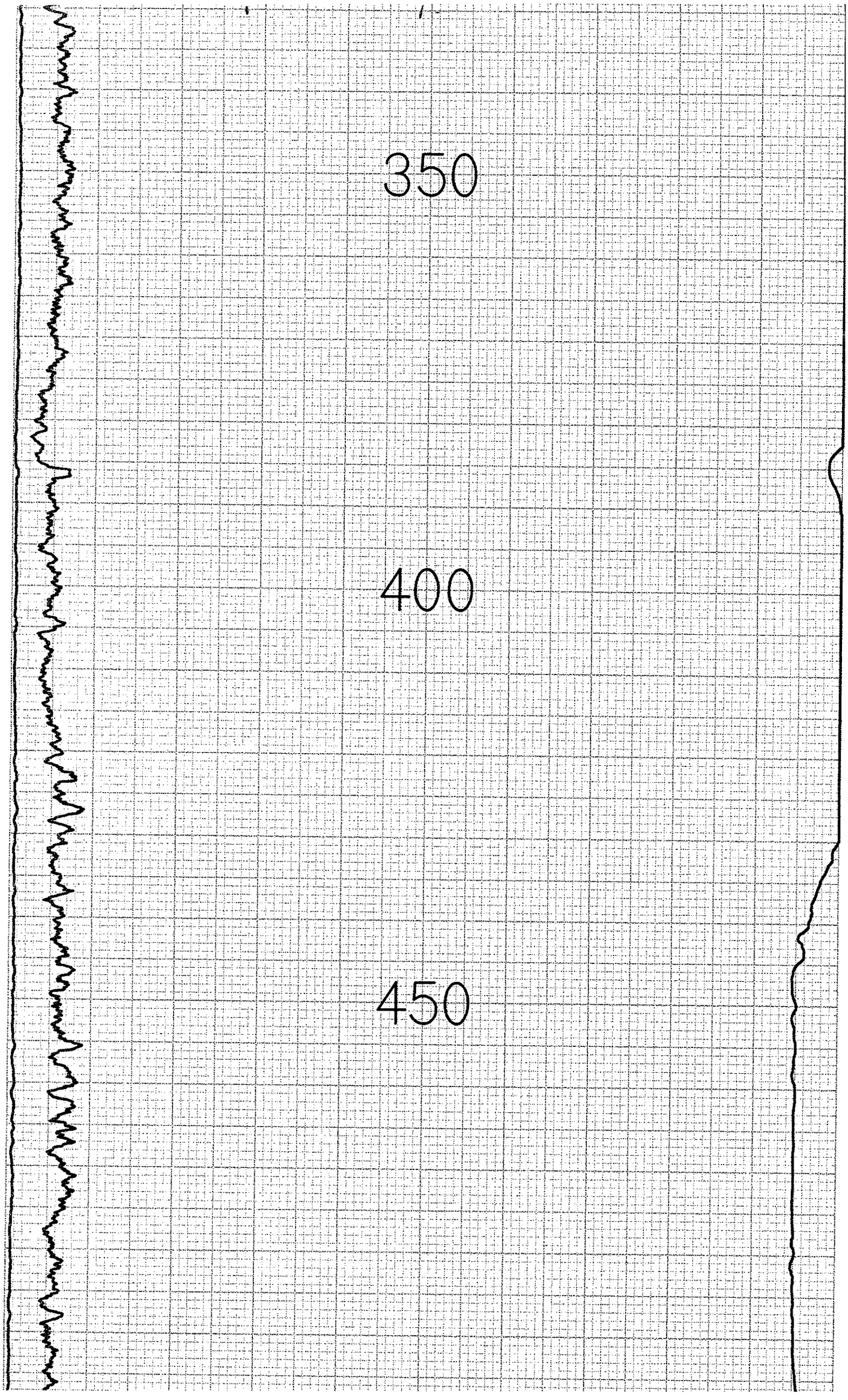
Final Weight of Cement _____

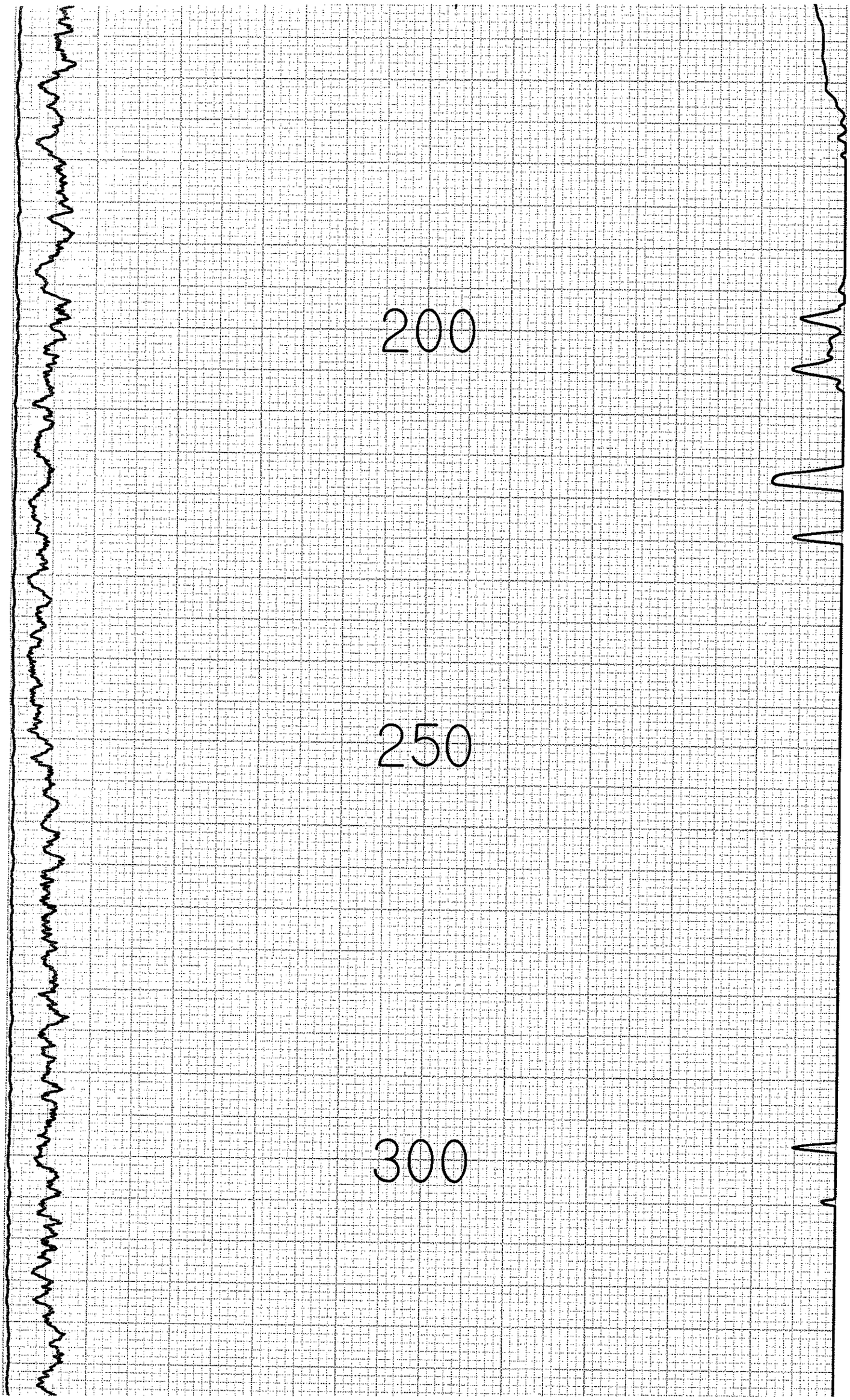
BBls Returns _____

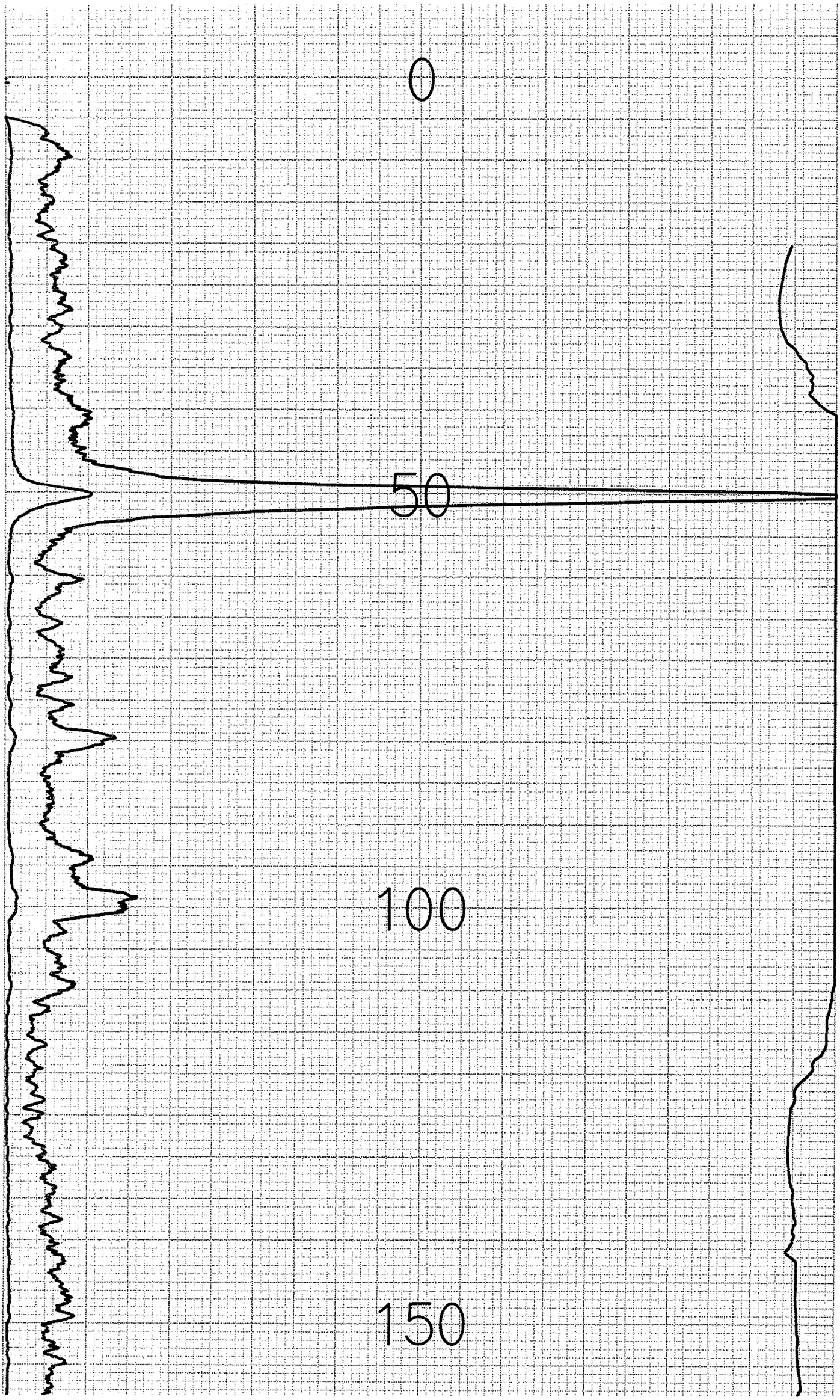
Witnessed by: _____

00758


500
550
592
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
9.0
42.0
RES (OHMS)
0.0
1000.0 CPS/IN
10000.0
GAMMA HI
HOLE: BL3-1UR(575-90)
DATE: Thu May 08 15:09:55 1997


350
400
450


200
250
300



00762

URI

HOLE NUMBER 2835/BL3-1

KLEBERG COUNTY TEXAS

SEC: --- TWN: --- RNG: ---

KVD

TD DRILLED	– 680.0'	ELEVATION	– μ
TD LOGGED	– 679.1'	CASING TYPE	– NONE
LOGGING SPEED	– 60'/MIN.	HOLE FLUID	– H2O
REFERENCE	– SURFACE	DRILLER	– AMADOR
BIT SIZE	– 5 5/8"		

REMARKS:

URI

Corpus Christi, Texas

Telephone 512–279–3342

BROADWAY – UNIT: L–4

02–06–97 – 1542 HRS.

TOOL MODEL/SER. NO.: 2025–1

NATURAL GAMMA

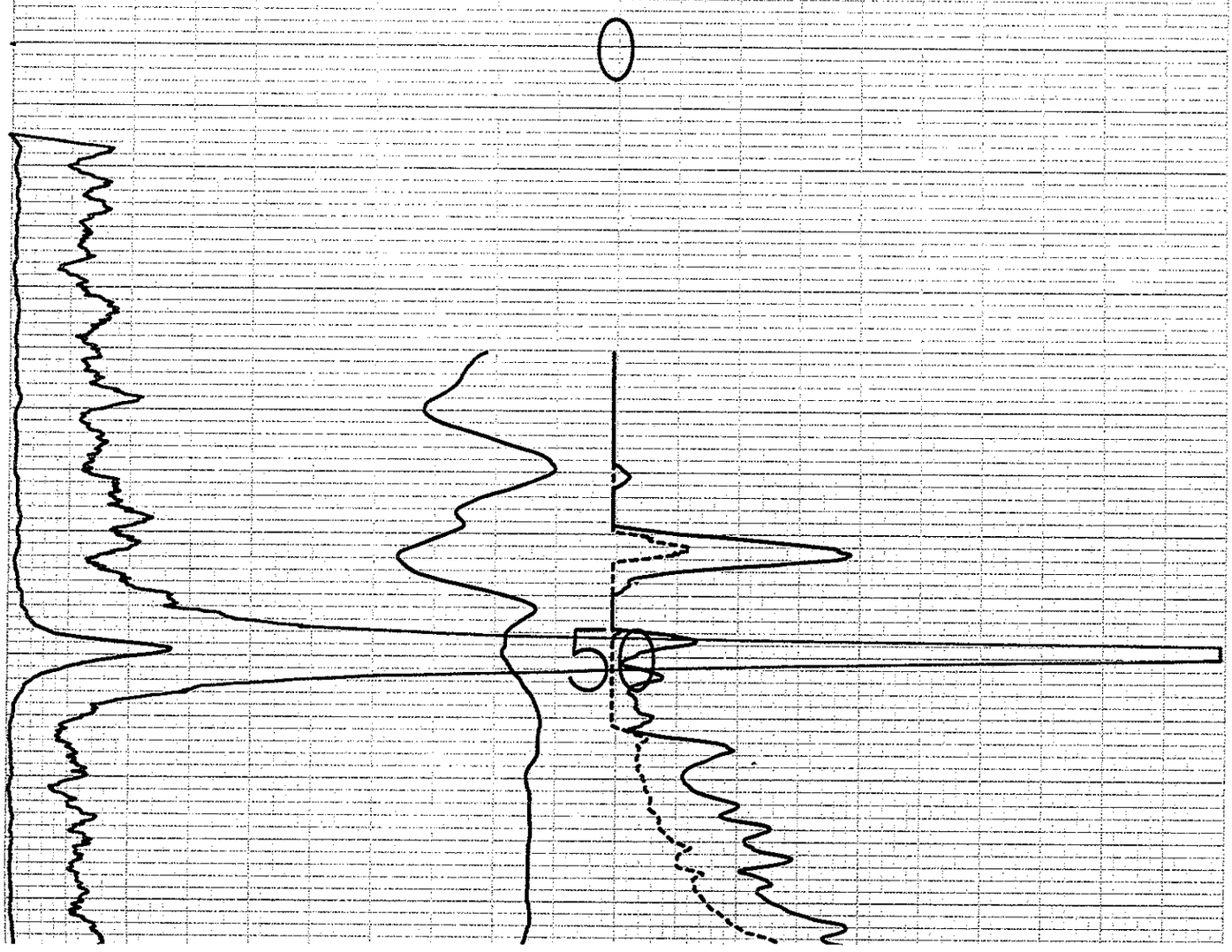
DETECTOR	– .875 X 4.0 NaI(T)
K–FACTOR	– .00000573
DEADTIME	– .00000023
TEST PIT	– G.W.
LAST CAL.	– 6–27–96
WATER FACTOR	– 1.142
CASING FACTOR	–

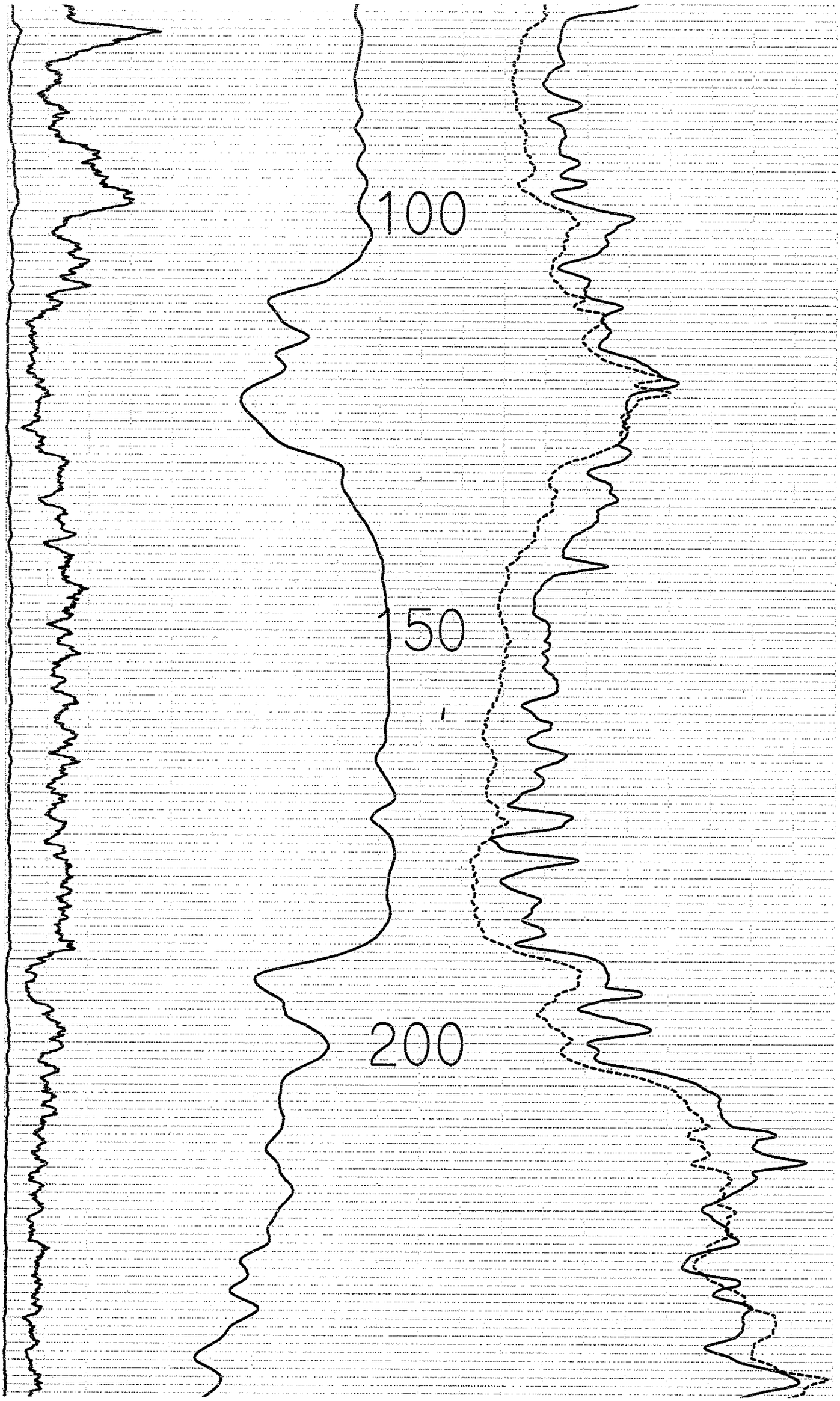
NEUTRON

DETECTOR	– 1 X 6 INCH HE3
SOURCE	– 1.5 Ci AmBe
SPACING	– 14 Inches

ELECTRIC LOGS

SINGLE POINT RESISTANCE
SP/16 INCH NORMAL
64 INCH NORMAL





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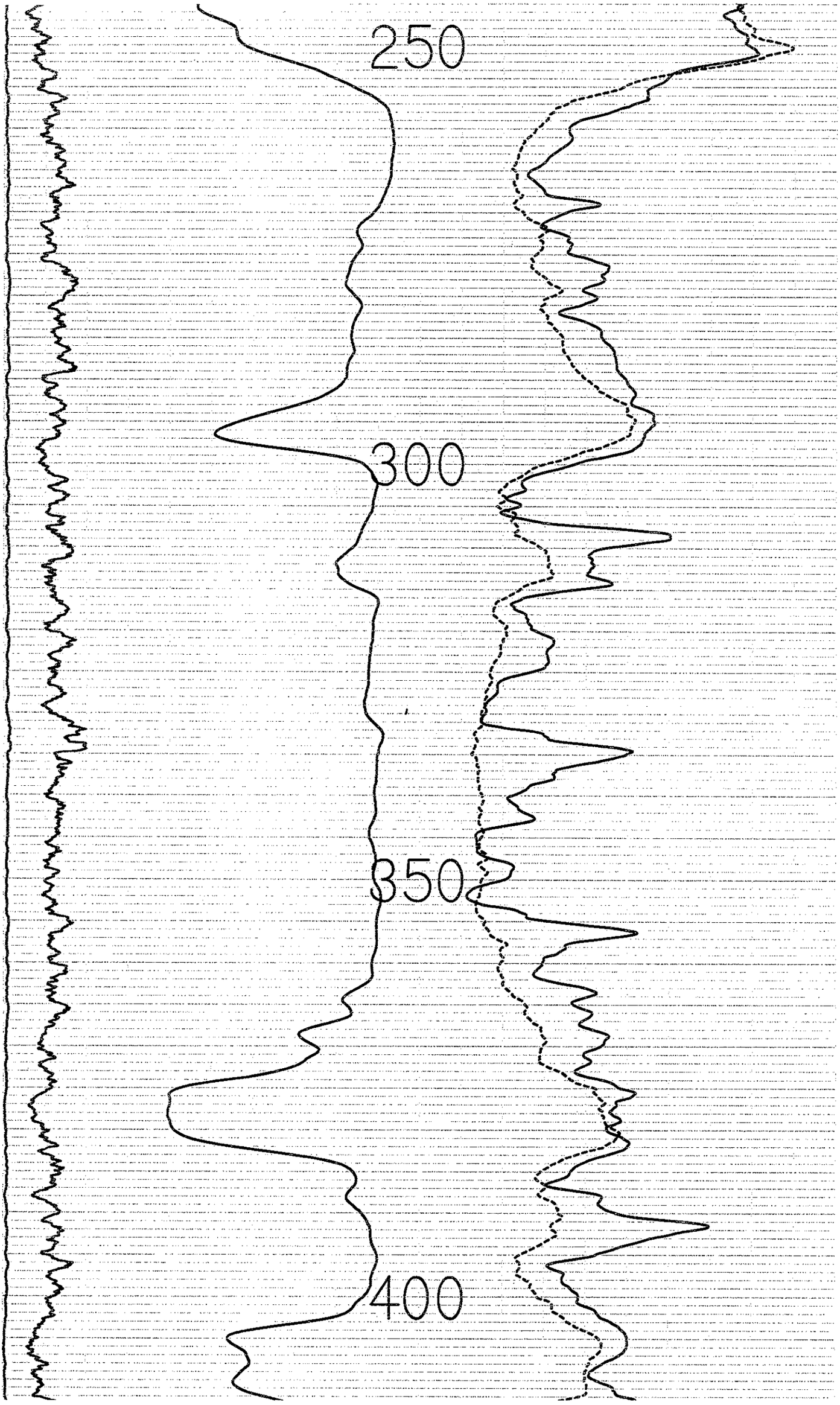
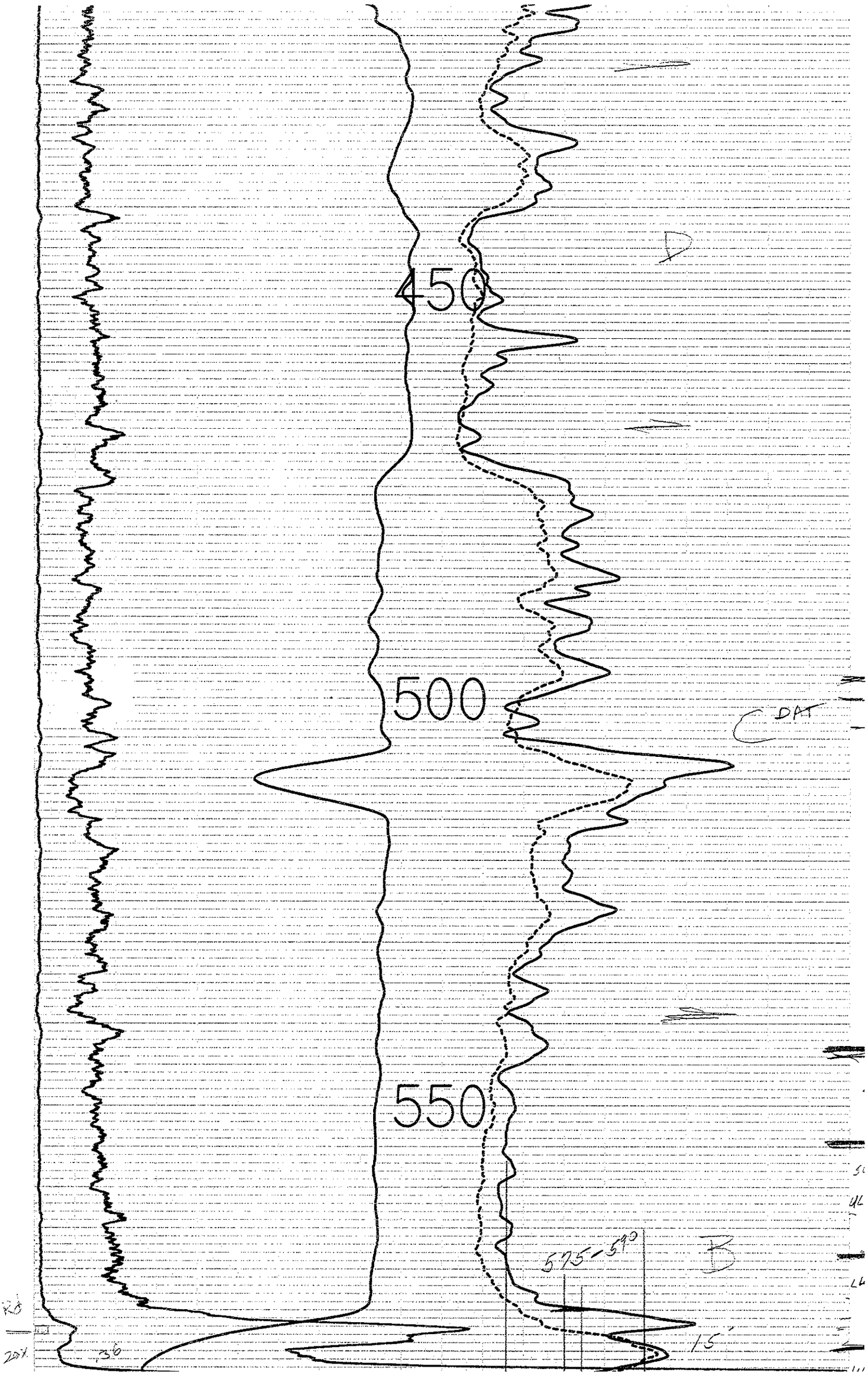
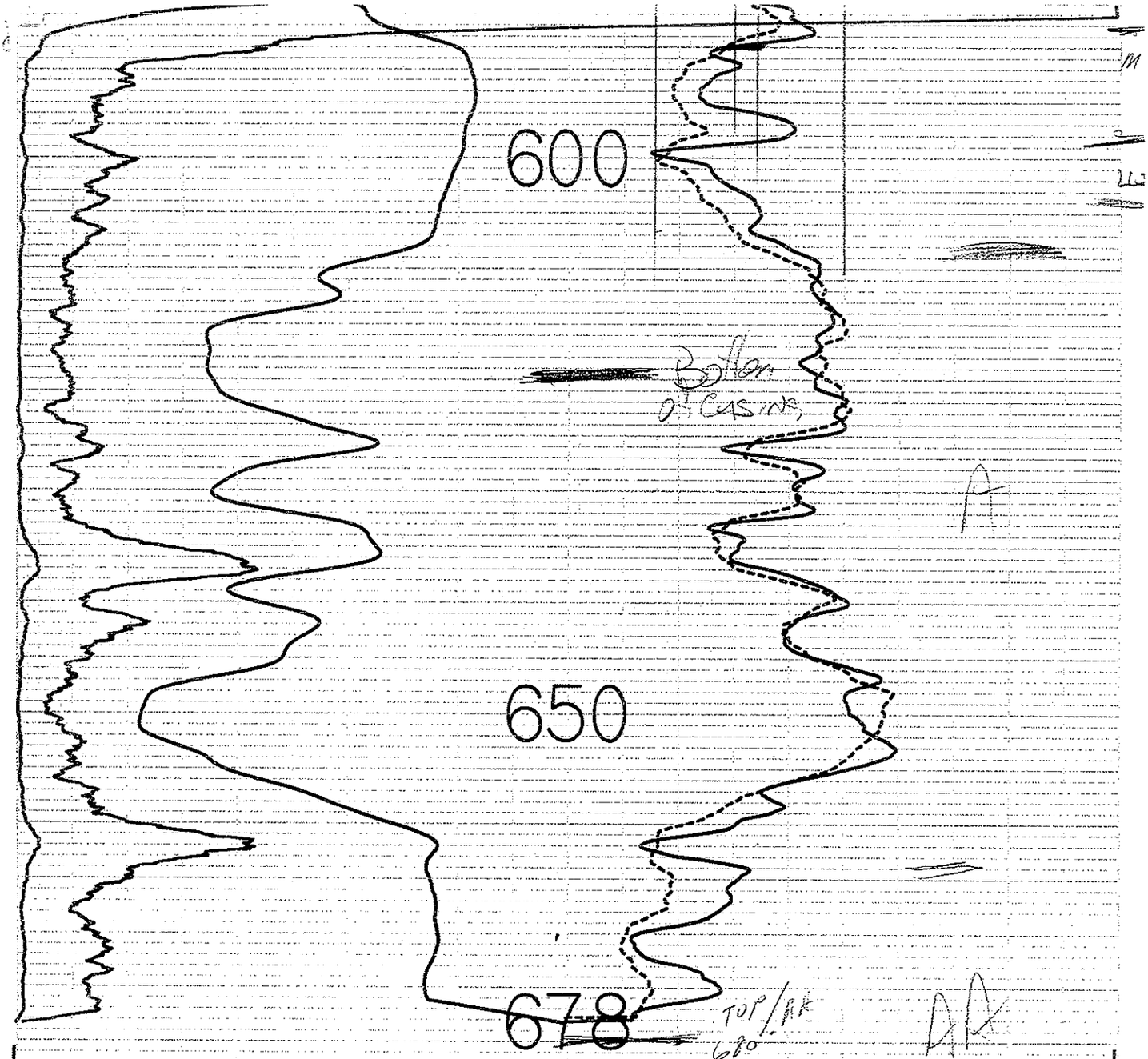

250
300
350
400


450
500
550
D
C DAT
B
575-59°
15'
36



0.0 100.0 CPS/IN 1000.0

GAMMA (CPS)

21.0 0.0 9.0 20.0

SP (MVOLTS) RES (OHMS)

24.9 74.9

SN (OHM-M)

0.0 1000.0 CPS/IN 10000.0

GAMMA HI

HOLE: 2835/BL3-1

DATE: Thu Feb 06 15:43:16 1997

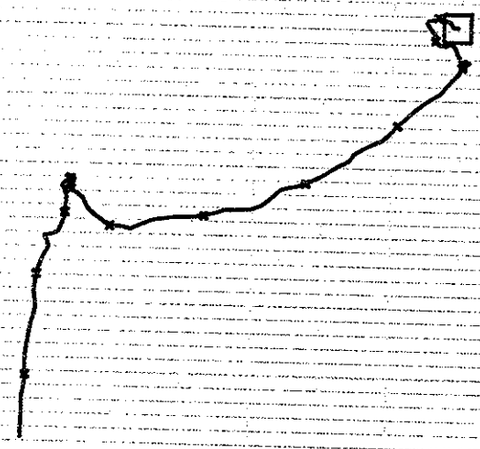
DEVIATION SURVEY

HOLE: 2835
DATE: FEB 06 1997

NORTH

00767

TRUE DEPTH : 678.9
DEVIATION : 8.7
BEARING : 226.0
SCALE FT/IN: 2.0



HOLE NUMBER

UR 3L3-2

KLEBERG COUNTY TEXAS

SEC: ---- TWN: ---- RNG: ----

KVD

TD DRILLED	– 630.0'	ELEVATION	– μ
TD LOGGED	– 638.2'	CASING TYPE	– NONE
LOGGING SPEED	– 60'/MIN.	HOLE FLUID	– H2O
REFERENCE	– SURFACE	DRILLER	– JD
BIT SIZE	– 8 3\4"		

REMARKS:

URI
Corpus Christi, Texas
Telephone 512-279-3342

TALBOTT – UNIT: L-4
04-24-97 – 1545 HRS.
TOOL MODEL/SER. NO.: 2025-2

NATURAL GAMMA

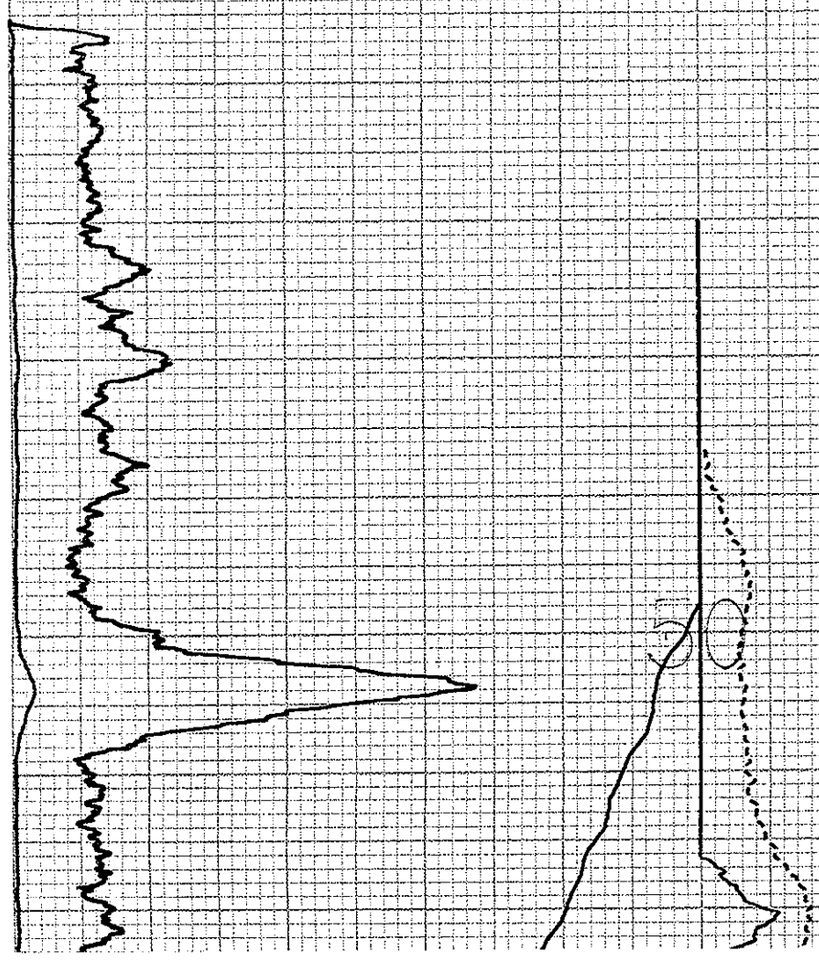
DETECTOR	– .875 X 4.0 NaI(T)
K-FACTOR	– .00000602
DEADTIME	– .00000245
TEST PIT	– G.W.
LAST CAL.	– 6-27-96
WATER FACTOR	– ????
CASING FACTOR	–

NEUTRON

DETECTOR	– 1 X 6 INCH HE3
SOURCE	– 1.5 Ci AmBe
SPACING	– 14 inches

ELECTRIC LOGS

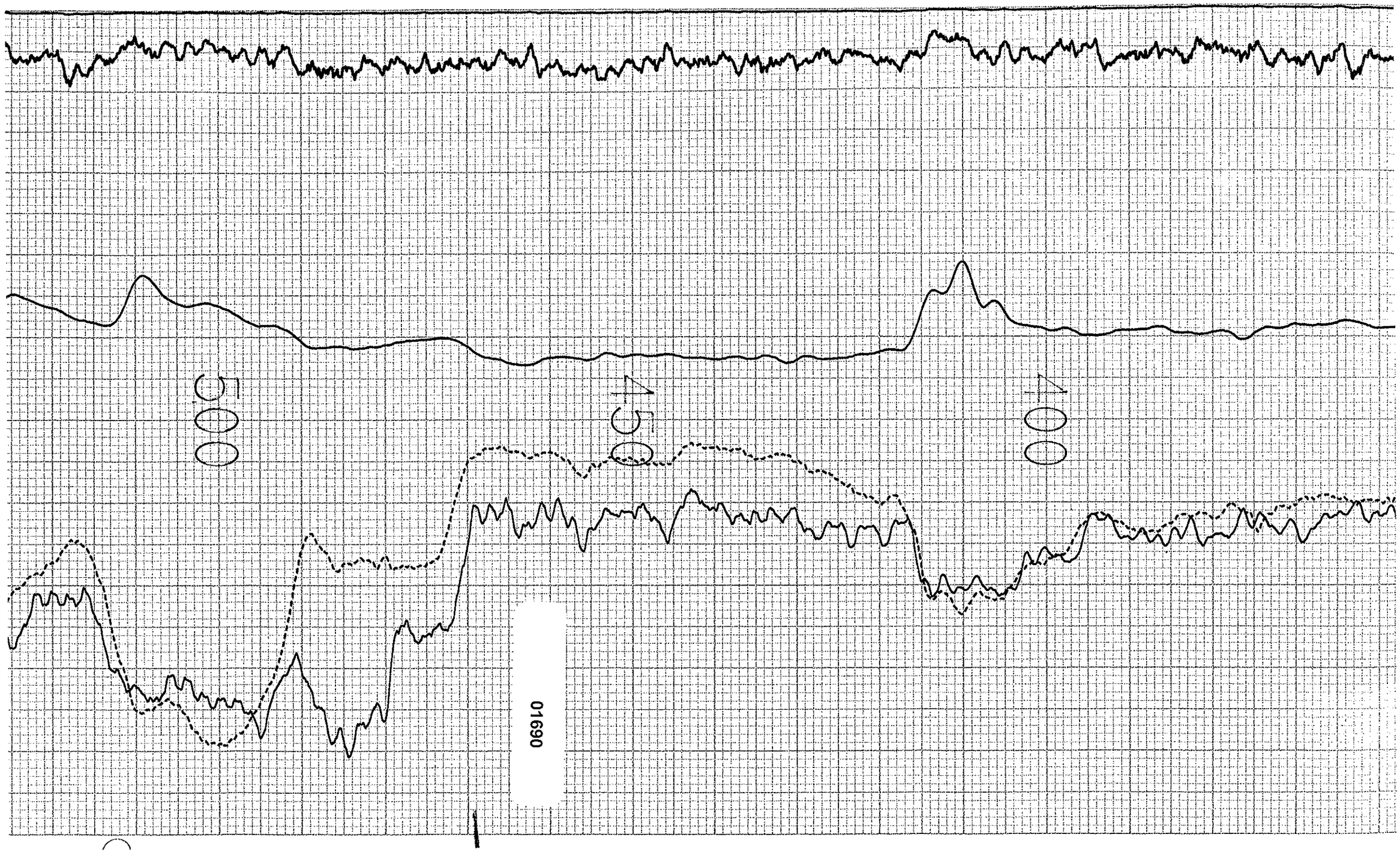
SINGLE POINT RESISTANCE
SP/16 INCH NORMAL
64 INCH NORMAL

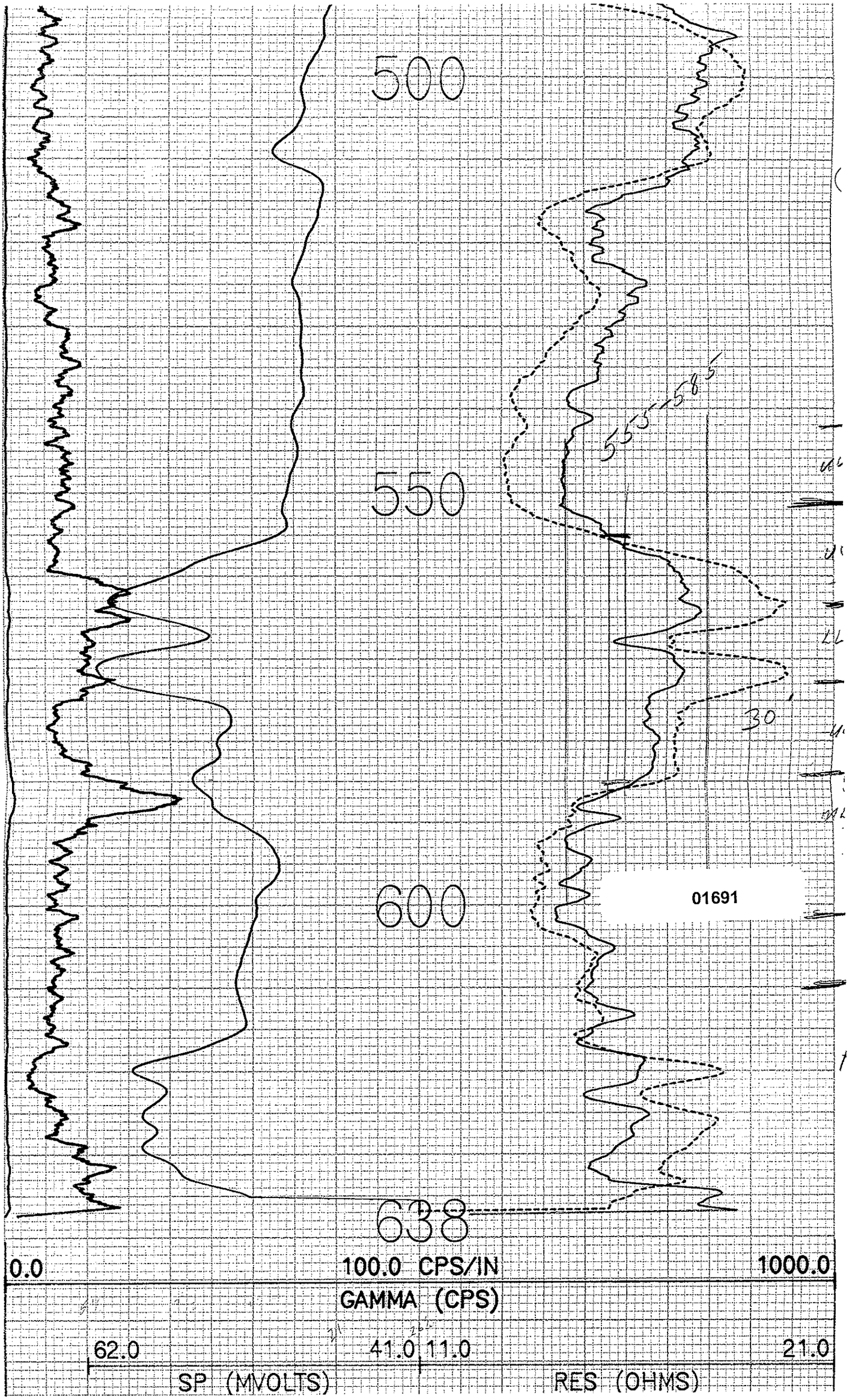


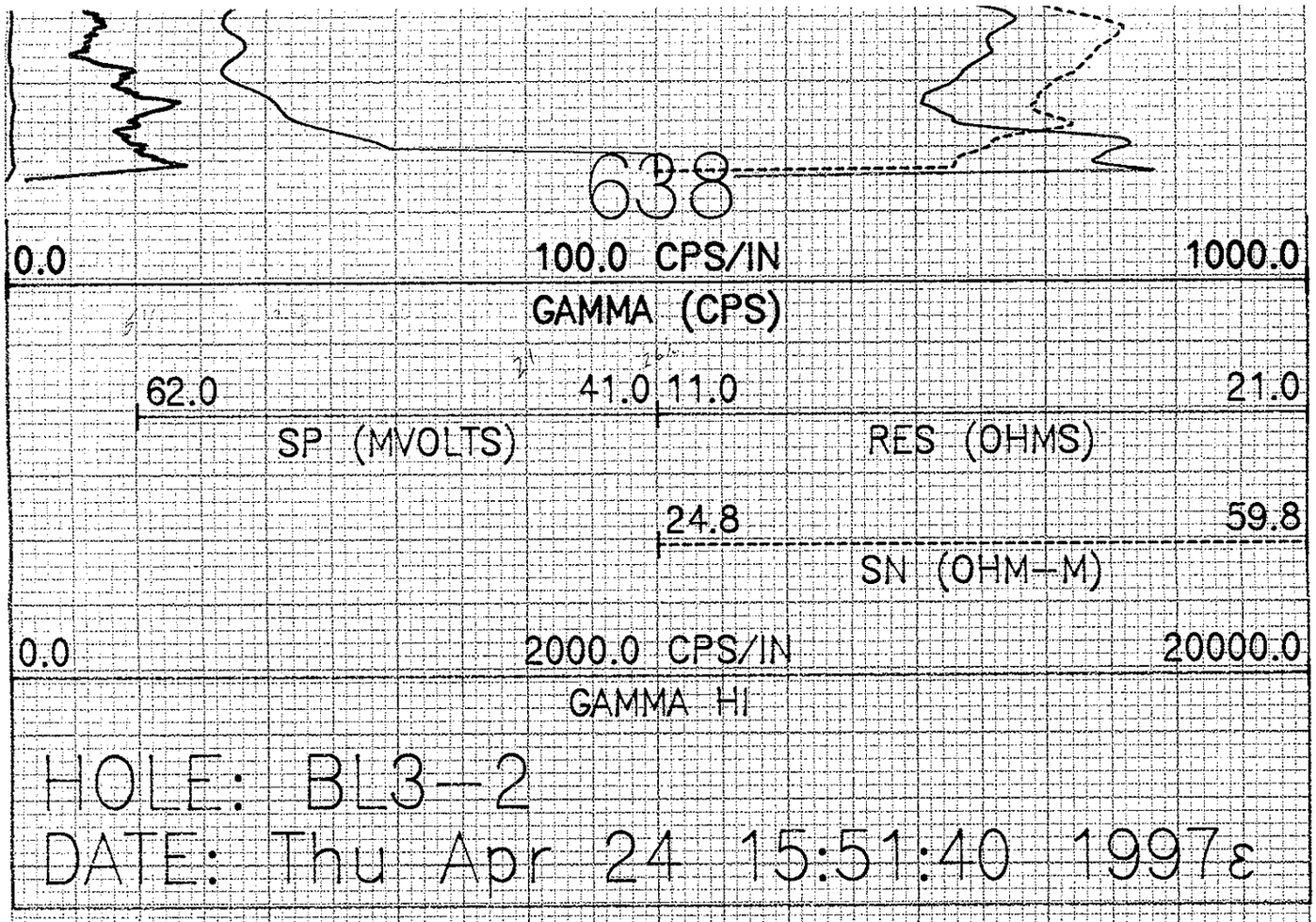
01687

01688

250
300
350
01689


01690

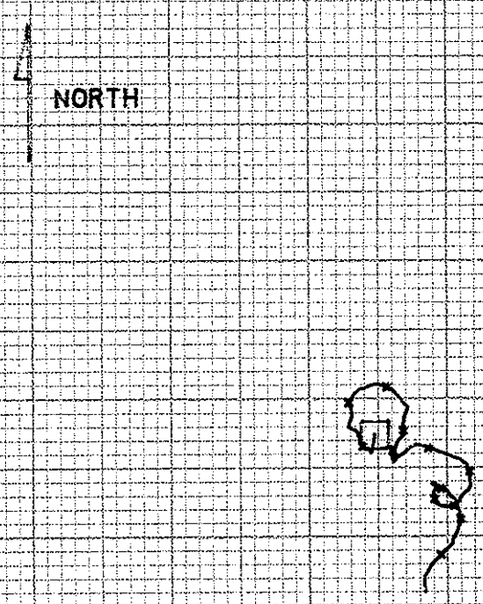

500
550
600
638
555-585
30
01691
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
62.0
41.0
11.0
21.0
SP (MVOLTS)
RES (OHMS)



HOLE: BL3-2
DATE: Thu Apr 24 15:51:40 1997

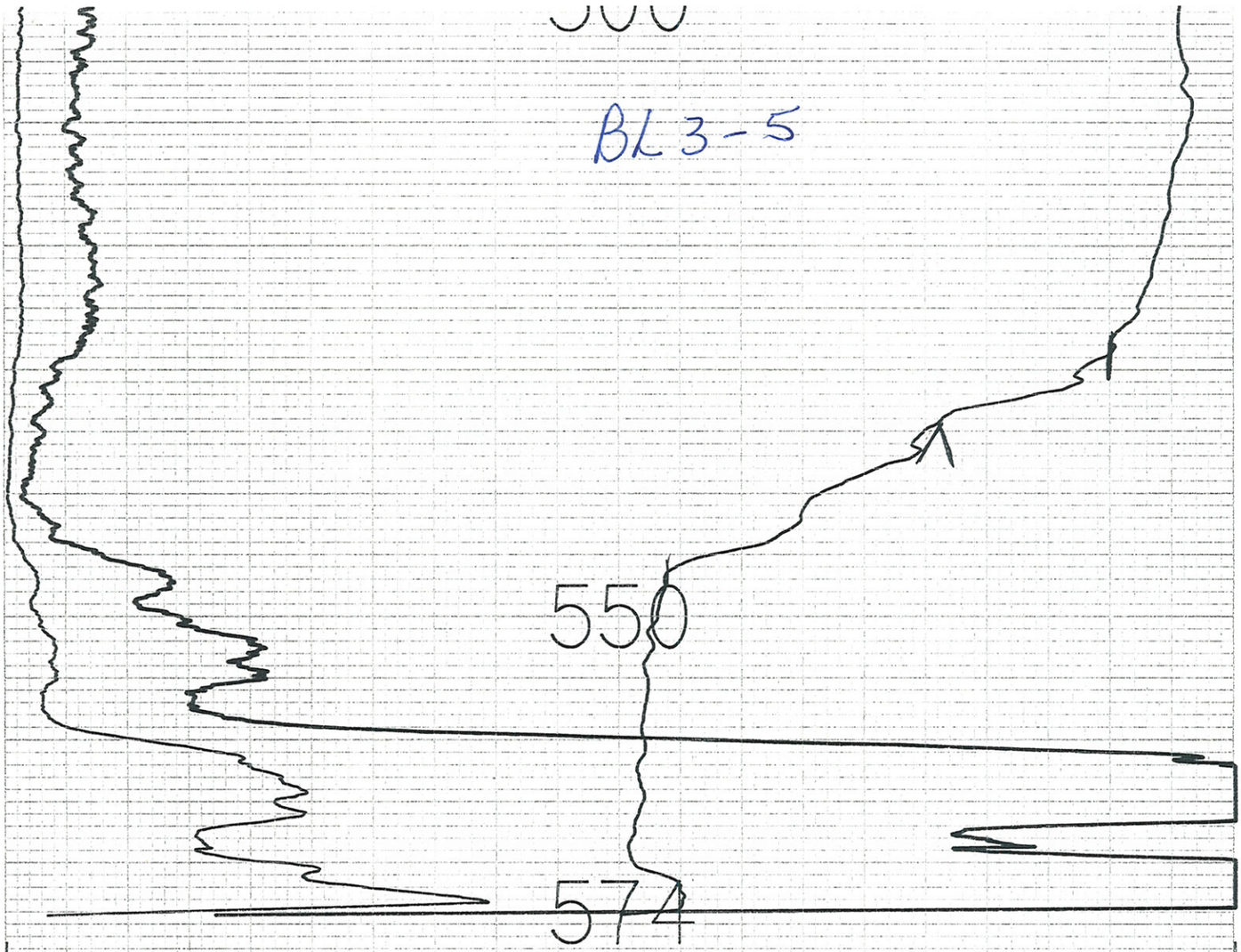
DEVIATION SURVEY

HOLE: BL3-2
DATE: APR 24, 1997
TRUE DEPTH : 638.1
DEVIATION : 2.4
BEARING : 162.1
SCALE FT/IN: 2.0



01692

BL 3-5



0.0 100.0 CPS/IN 1000.0

GAMMA (CPS)

10.0 70.0

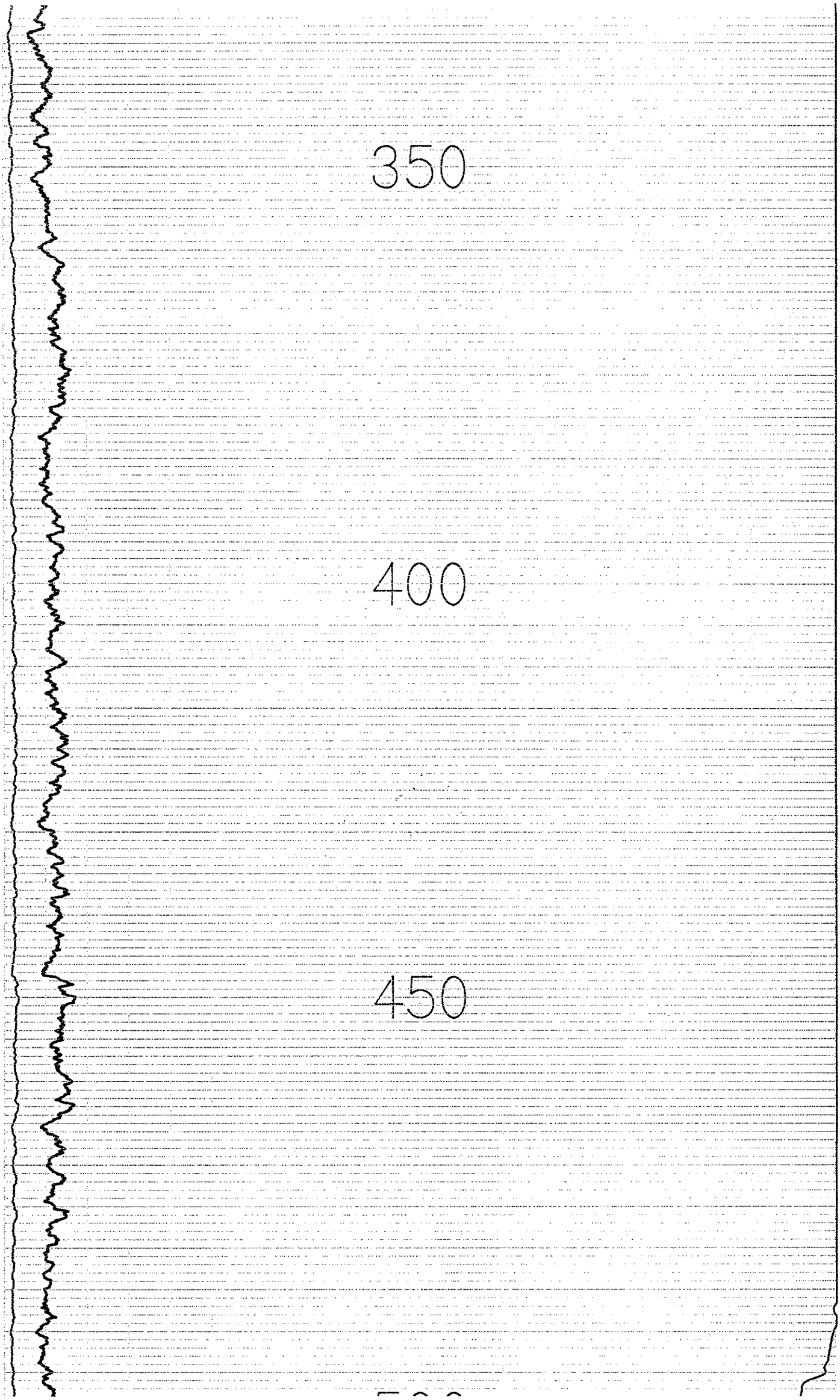
RES (OHMS)

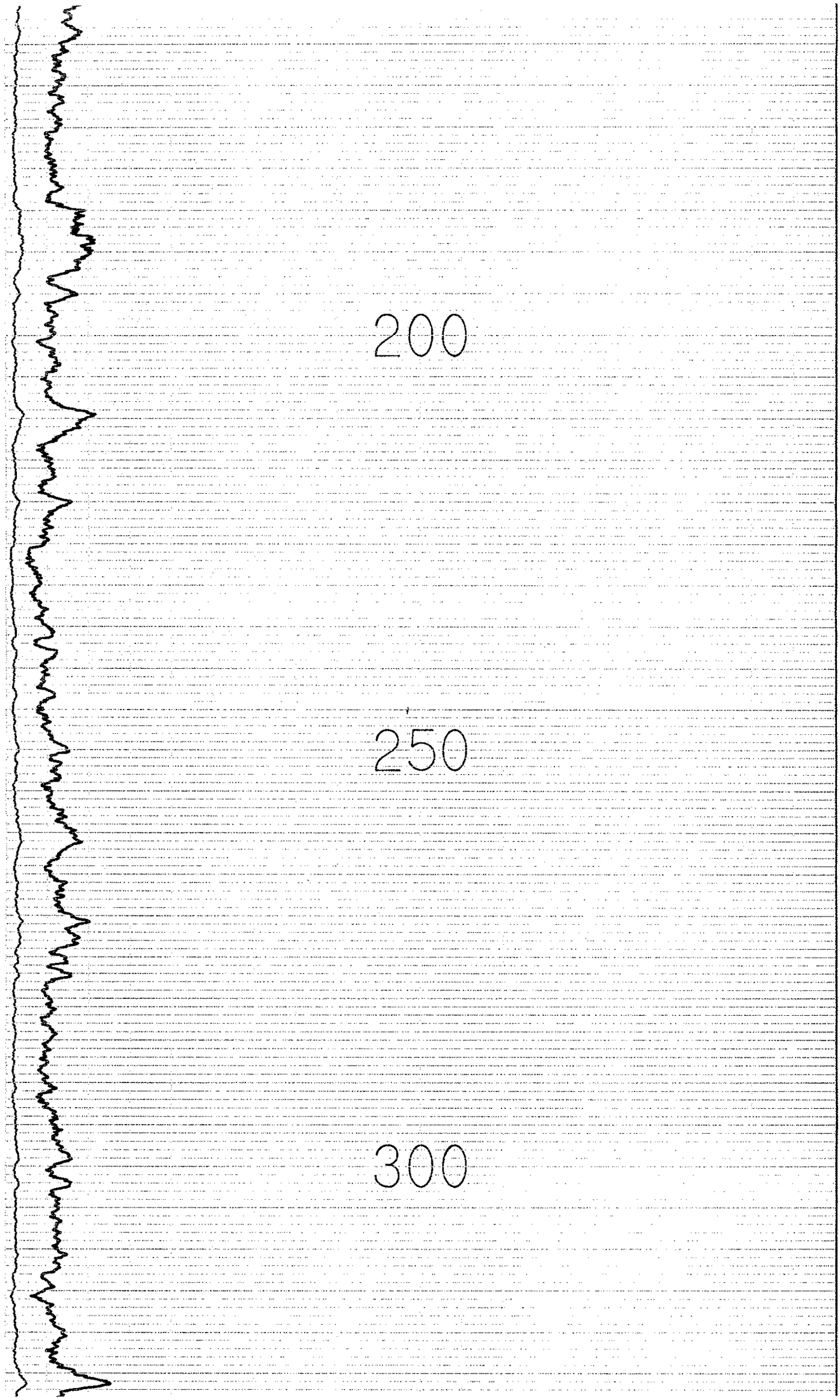
0.0 500.0 CPS/IN 5000.0

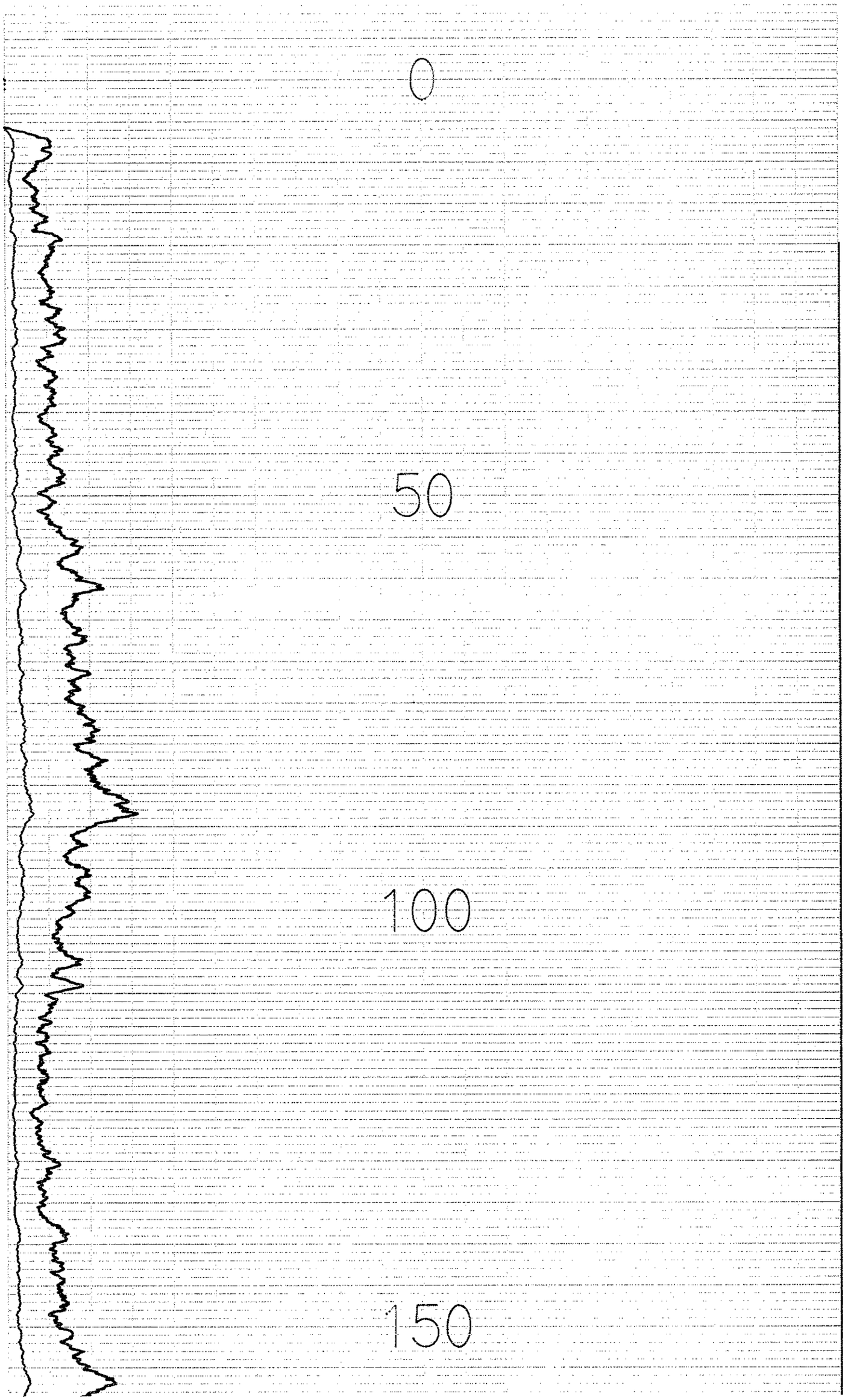
GAMMA HI

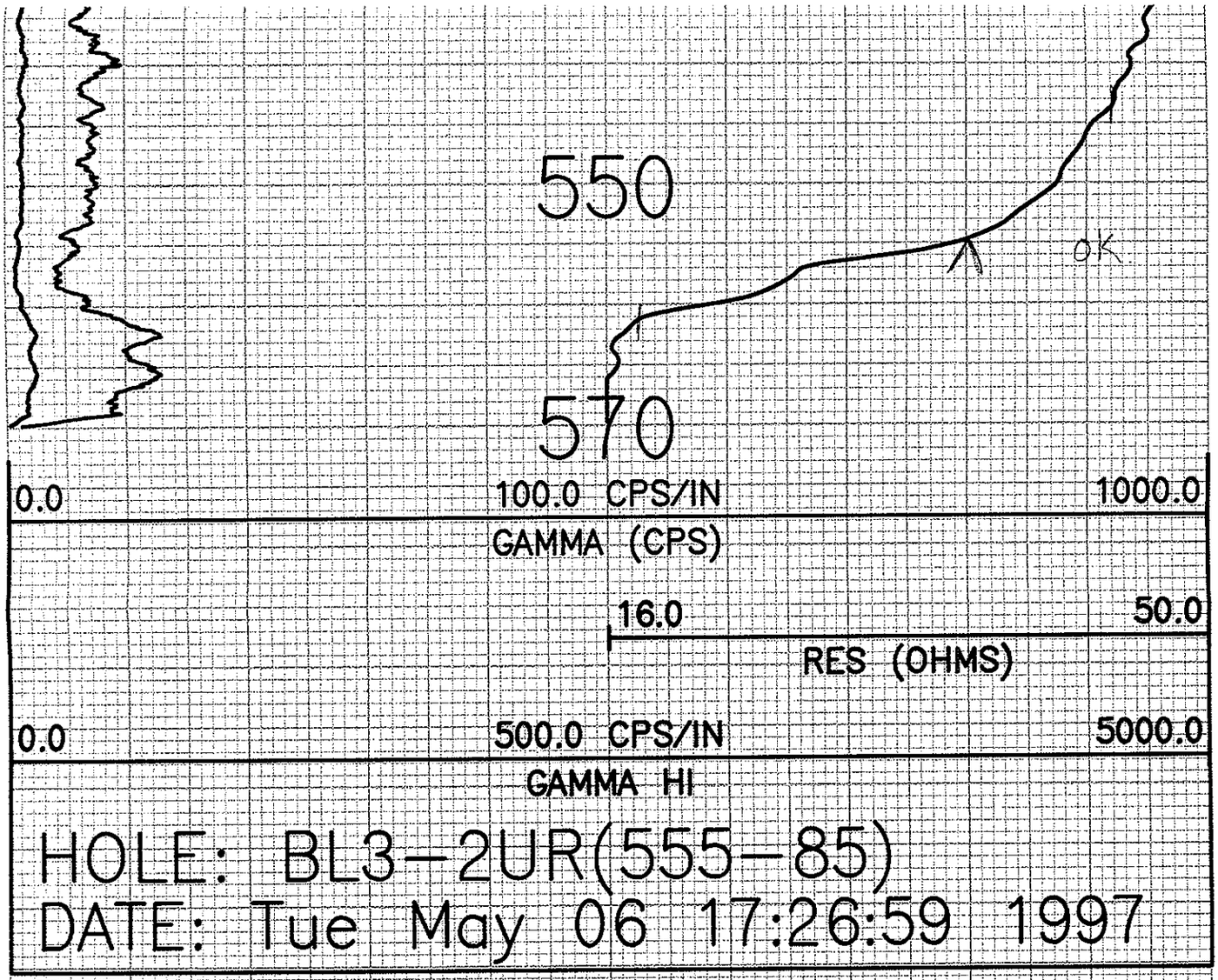
HOLE: BL3-8505UR(530-85)

DATE: Tue Apr 22 13:37:09 1997ε

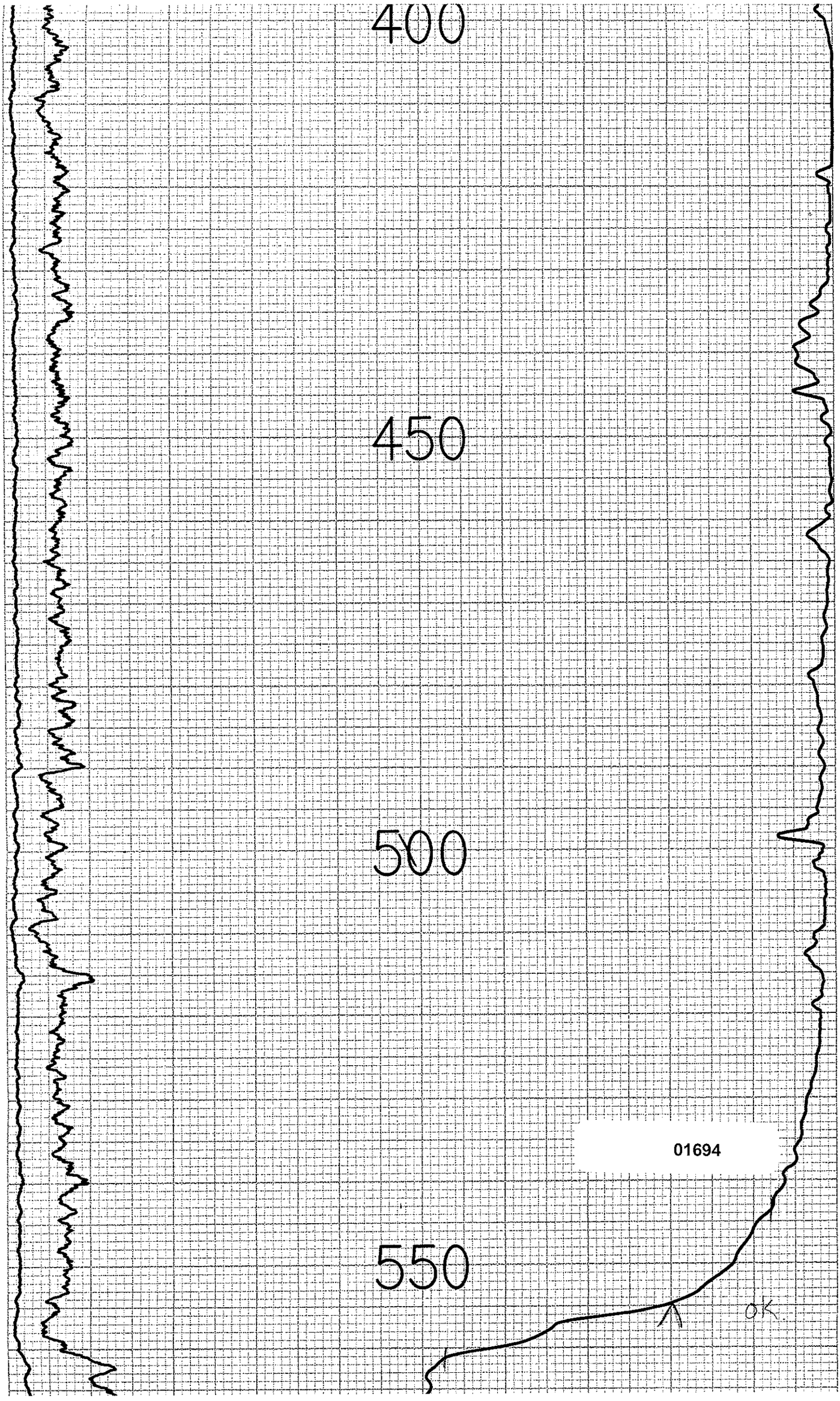

350
400
450

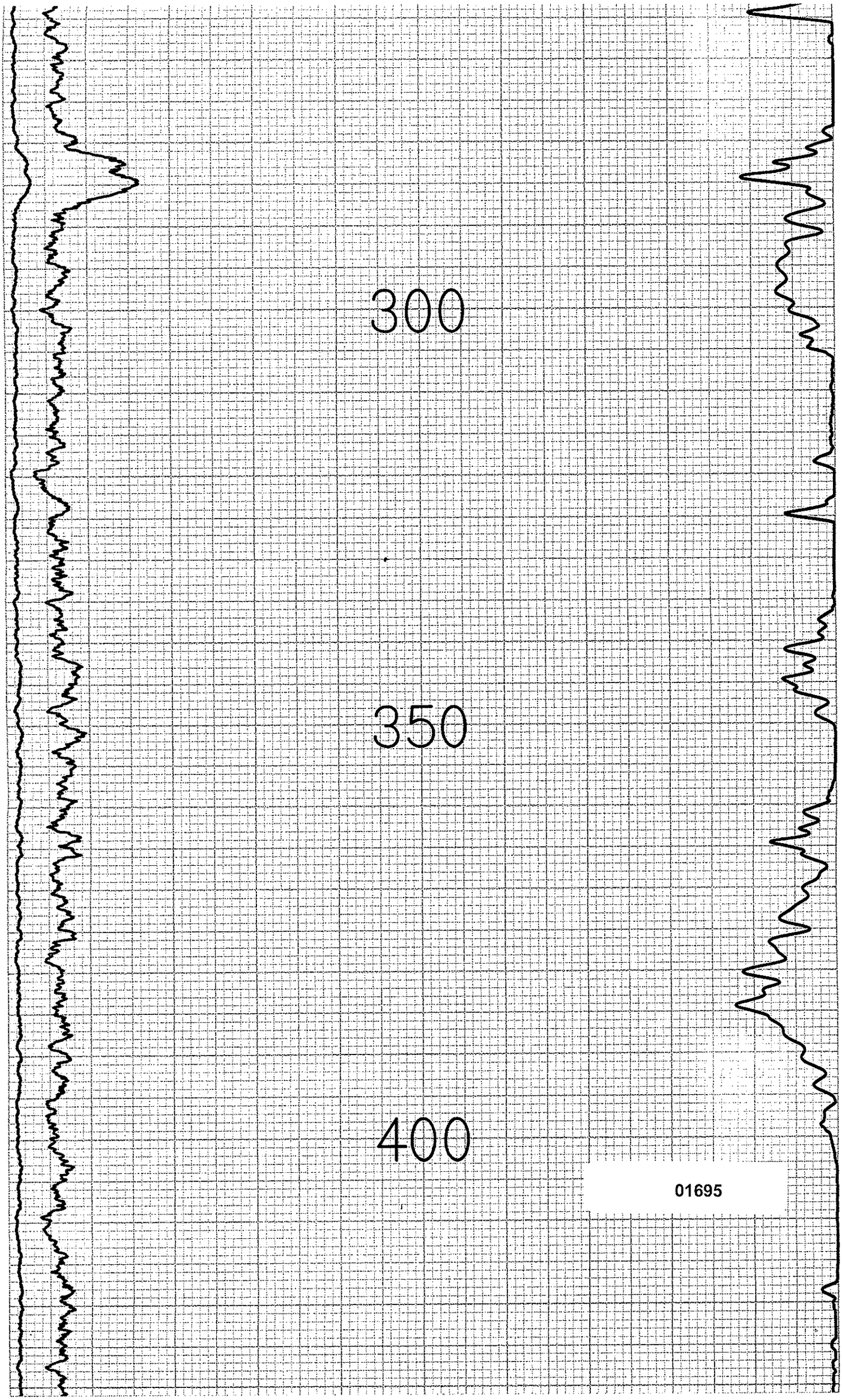

200
250
300

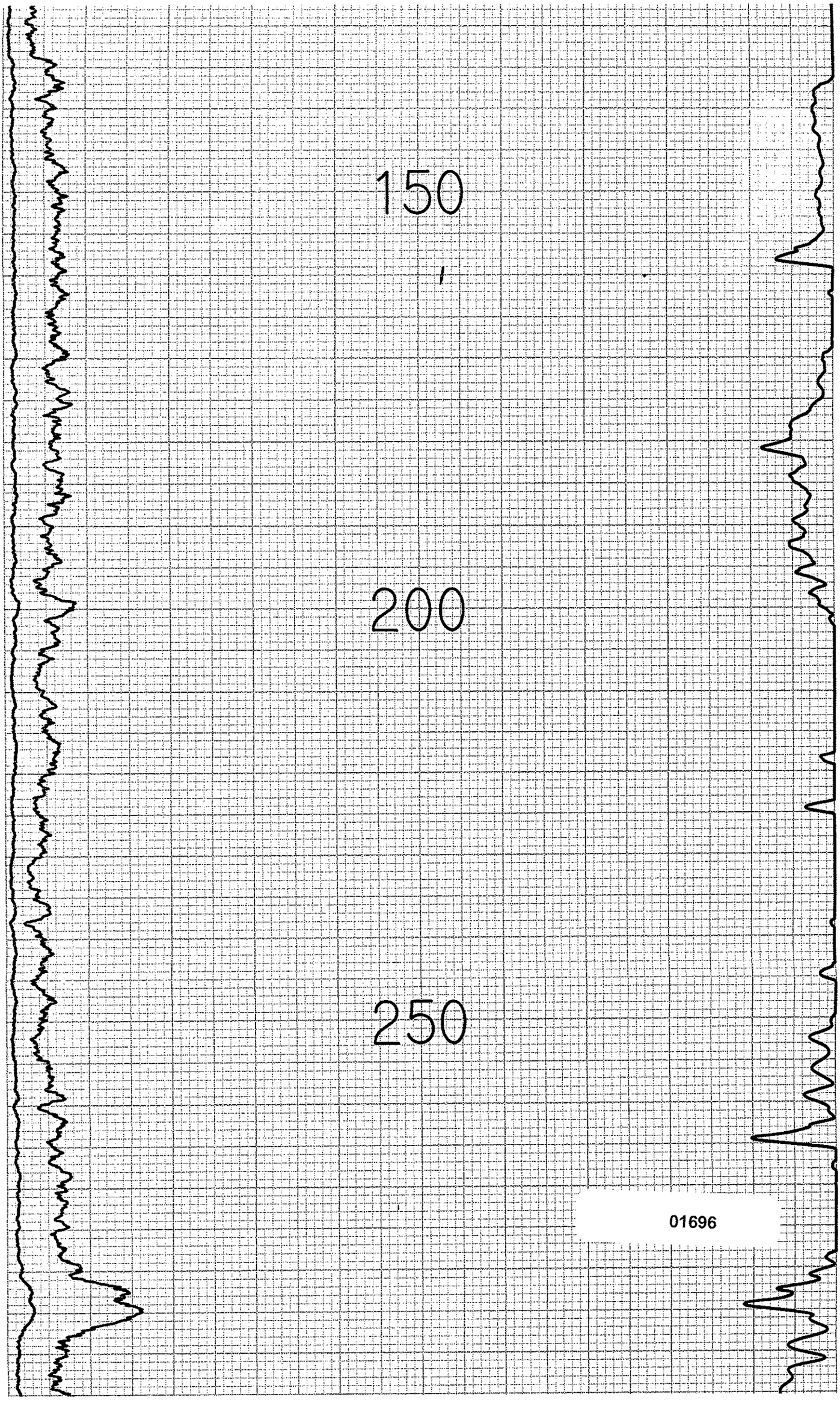

0
50
100
150


550
OK
570
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
16.0
50.0
RES (OHMS)
0.0
500.0 CPS/IN
5000.0
GAMMA HI
HOLE: BL3-2UR(555-85)
DATE: Tue May 06 17:26:59 1997

01693


400
450
500
550
01694
OK


300
350
400
01695


150
200
250
01696

0
50
100
150
01697

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL 3/2

T.D. 630' LOCATION: JD

BIT SIZE 6 3/4"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 4-23-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
0								Sd; vf-f; tarnish brn; mod srt; sub rd; mod ⌀; mod k; Sox.
SOX								
10								Clay; tarnish brn; Sox
20								Clay; lt blgry; id.
30								
40								
50								Sd; vf-f; lt gry; mod srt; sub rd; mod ⌀; mod k; id.
60								
70								Clay; lt blgry; id.
80								
90								Sd; vf-f; lt gry; mod srt; sub rd; mod ⌀; mod k; id
200								

L=Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P= Pyrite (Pyr)
P_T = Pyrite Tarnish
POX= Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C=Carbon
K=Kaolin
B = Bleached
Cht = Chert

URANIUM RESOURCES, INC.

DRILLED WITH: AIR ☐ WATER ☒ HOLE NO. RL 3/2

T.D. 630' LOCATION: JD

BIT SIZE 6 3/4"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 4-23-97 COUNTY Kleberg STATE TX

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
200								Clay; lt bl gry, id.
10								
20								Sd; vf-f; lt gry, mod srt; sub rd; mod Φ; mod K; id.
								Clay; lt bl gry, id
30								
40								Sd; f-m; lt gry, mod srt; sub rd; ex Φ; ex K; id
50								Clay; lt bl gry, id
60								
70								
80								
90								Sd; vf-f; lt gry, mod srt; sub rd; mod Φ; mod K; id
400								

PAGE 2 OF 5

00792

URANIUM RESOURCES, INC.

DRILLED WITH: AIR ☐ WATER ☒ HOLE NO. BL 3 12

T.D. 630' LOCATION: JD

BIT SIZE 6 3/4"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 4-23-99 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Alteration % Reduction	Alteration % Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
400								Clay, lt bl gr/rd
10								Clay, reddish brn, Fox
20								
30								
40								
50								
60								
70								
80								
90								
00								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

URANIUM RESOURCES, INC.

DRILLED WITH: AIR ☐ WATER ☒ HOLE NO. B13/2

T.D. 630' LOCATION: JD

BIT SIZE 6 3/4"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 4-23-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
500								Clay, reddish brn, fox.
10								
20								
30								
40								
50								Sd; f-m; med gry, mod srt, sub rd; ex ϕ, ex Ki, rd.
60								
70								
80								
90								
600								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL 3/2

T.D. 630 LOCATION: JD

BIT SIZE 6 3/4

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 4-23-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
600								Sd; f-m; modgy; modsrt; subrd; ex ⌀; ex Kl; nd
10								
20								
30	TD							TD
40								
50								
60								
70								
80								
90								
00								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

PAGE 5 OF 5

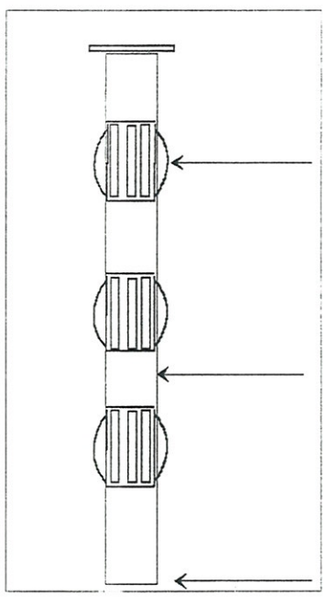
Well Name: BL-8502 #3 MW.

Date: 24-Apr-97

Driller:

Project: Kingsville Dome

Completion Type: Casing through the interval for a underreamed completion with a gravel pack.



Joints of 6 in Casing Required: 31.0 Jts.

Length of Short 6 in Casing 20 **ft.** **To be run as Last Jt. in hole**

Run Centralizers at: 1st, 4th, 15th & 22nd joints from bottom of casing

Cement Displaced to: 580 ft. inside of casing.

Pipe Size: 6.53 in. (6" Casing)

Hole Reamed to: 623 ft.

32.0 (bbls) Volume of Cement Slurry Volume Required

Cement Designed 21.1 (bbls) Mixing Water Required = 888.1 Gals.

to be: 13.5 ppg 107.7 Sacks of Cement Required

Cement Yield: 1.67 cuft sx 2.0 Sacks of Gel Required = ******lbs of Gel Required

824 gallons Displacement Volume Required

or

19.6 bbls Displacement Volume Required

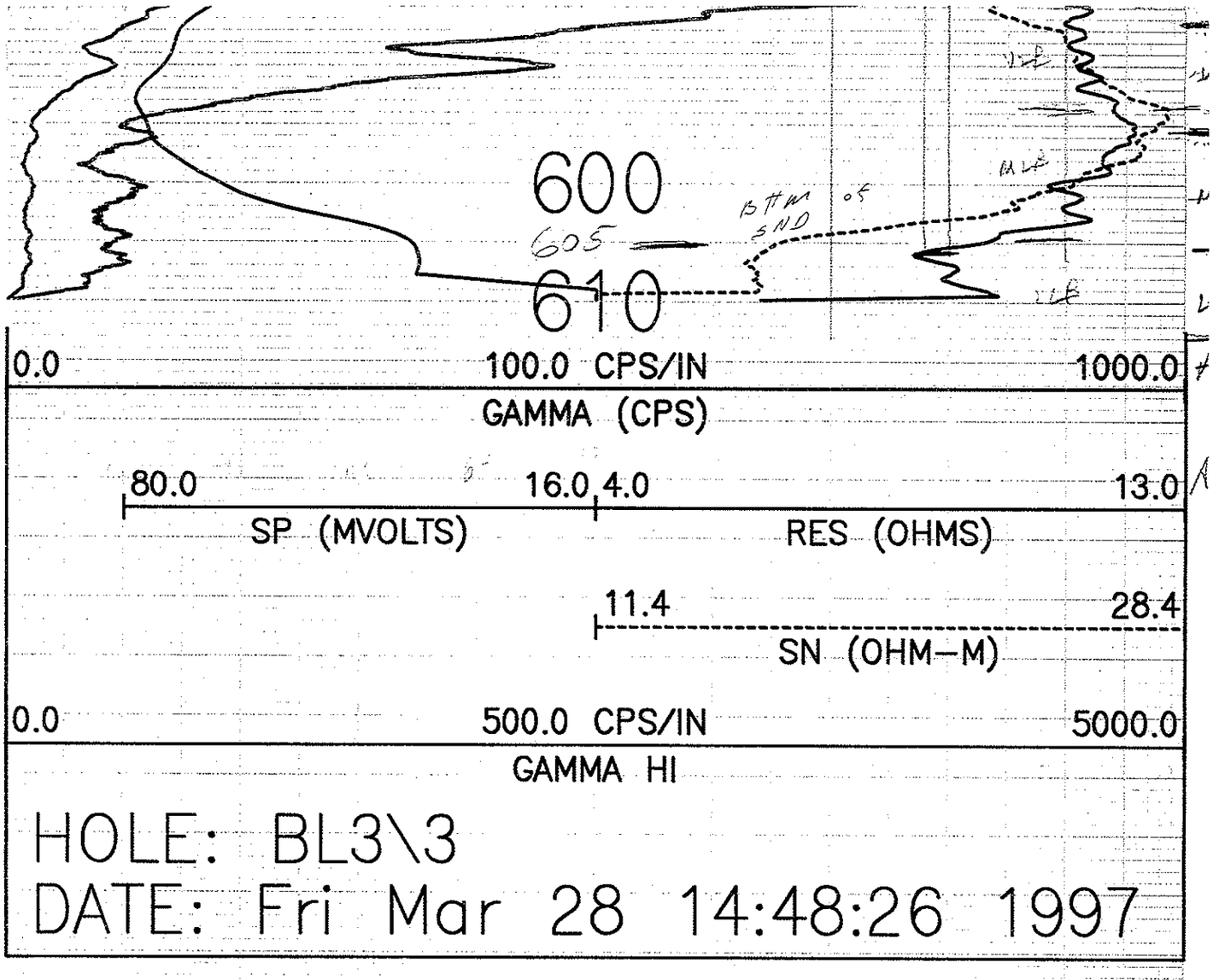
50 % Excess Cement

114.7 Annular Volume (cuft.)

Final Weight of Cement _____

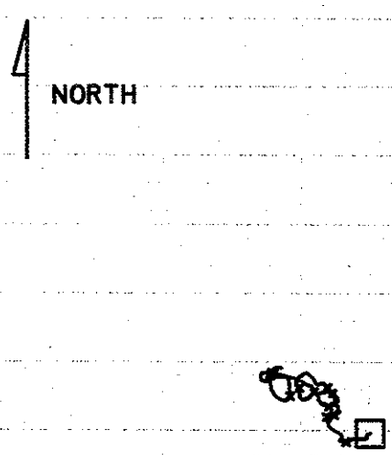
BBls Returns _____

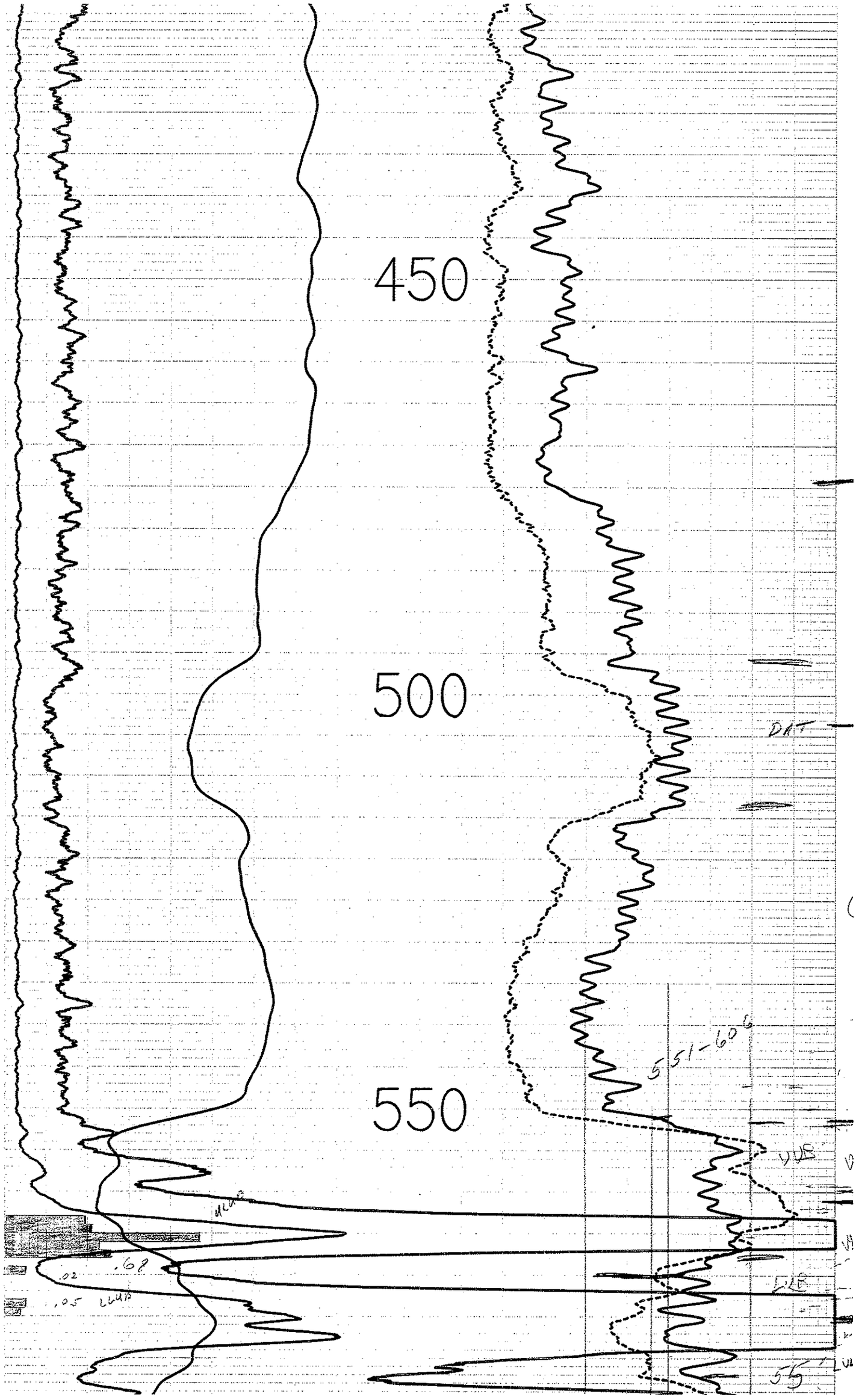
Witnessed by: _____

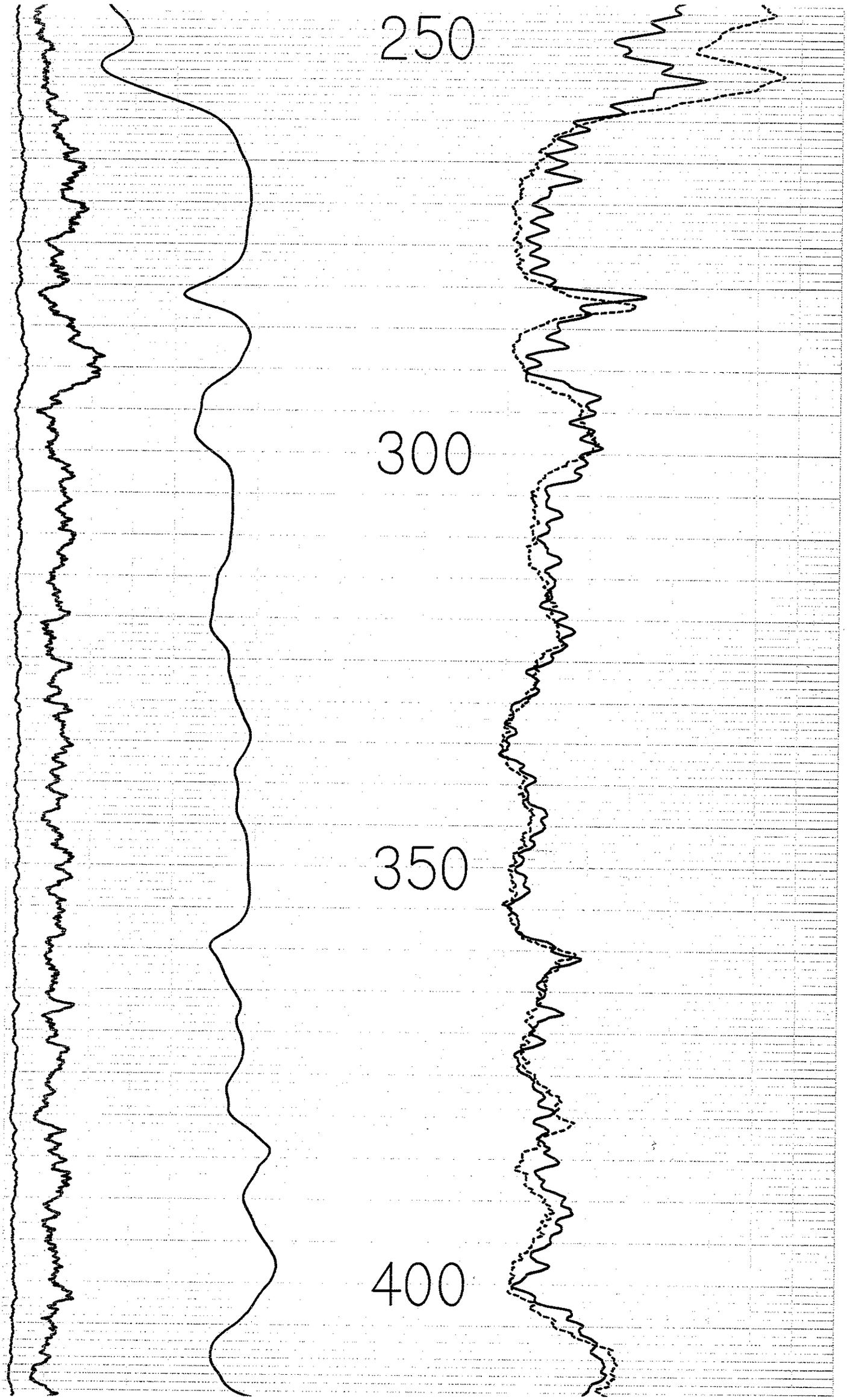


DEVIATION SURVEY

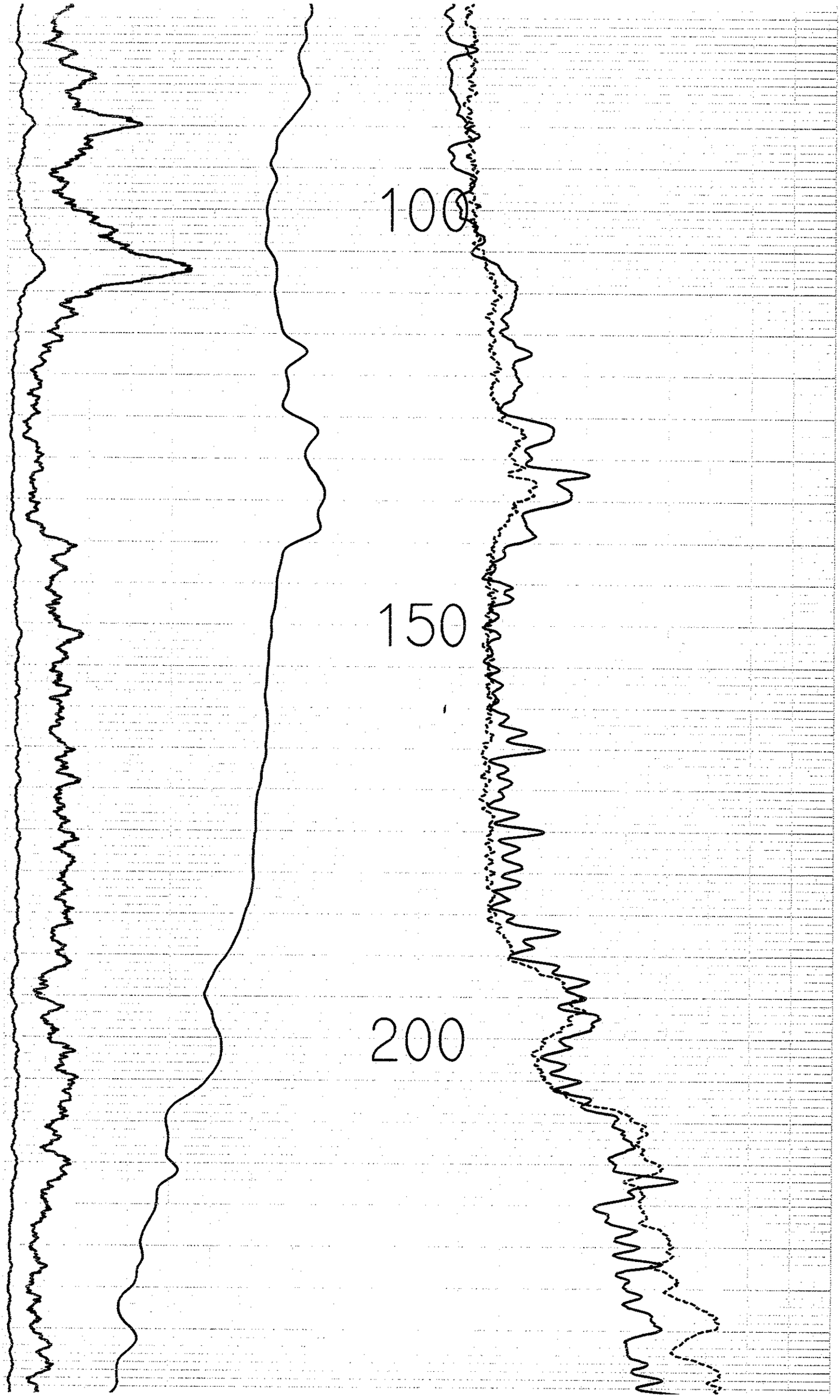
HOLE: BL3\3
DATE: MAR 28, 1997
TRUE DEPTH : 610.8
DEVIATION : 1.6
BEARING : 306.8
SCALE FT/IN: 2.0




450
500
550
DIT
5551-60
.02
.68
.05



00811


100
150
200

URI

HOLE NUMBER

BL3/3

KLEBERG COUNTY TEXAS

SEC: --- TWN: --- RNG: ---

KVD

TD DRILLED	– 610.0'	ELEVATION	– μ
TD LOGGED	– 611.0'	CASING TYPE	– NONE
LOGGING SPEED	– 60'/MIN.	HOLE FLUID	– H2O
REFERENCE	– SURFACE	DRILLER	– MARK
BIT SIZE	– 5 5/8"		

REMARKS:

URI
Corpus Christi, Texas
Telephone 512–279–3342

TALBOTT – UNIT: L–4
03–28–97 – 1450 HRS.

TOOL MODEL/SER. NO.: 2025–3

NATURAL GAMMA

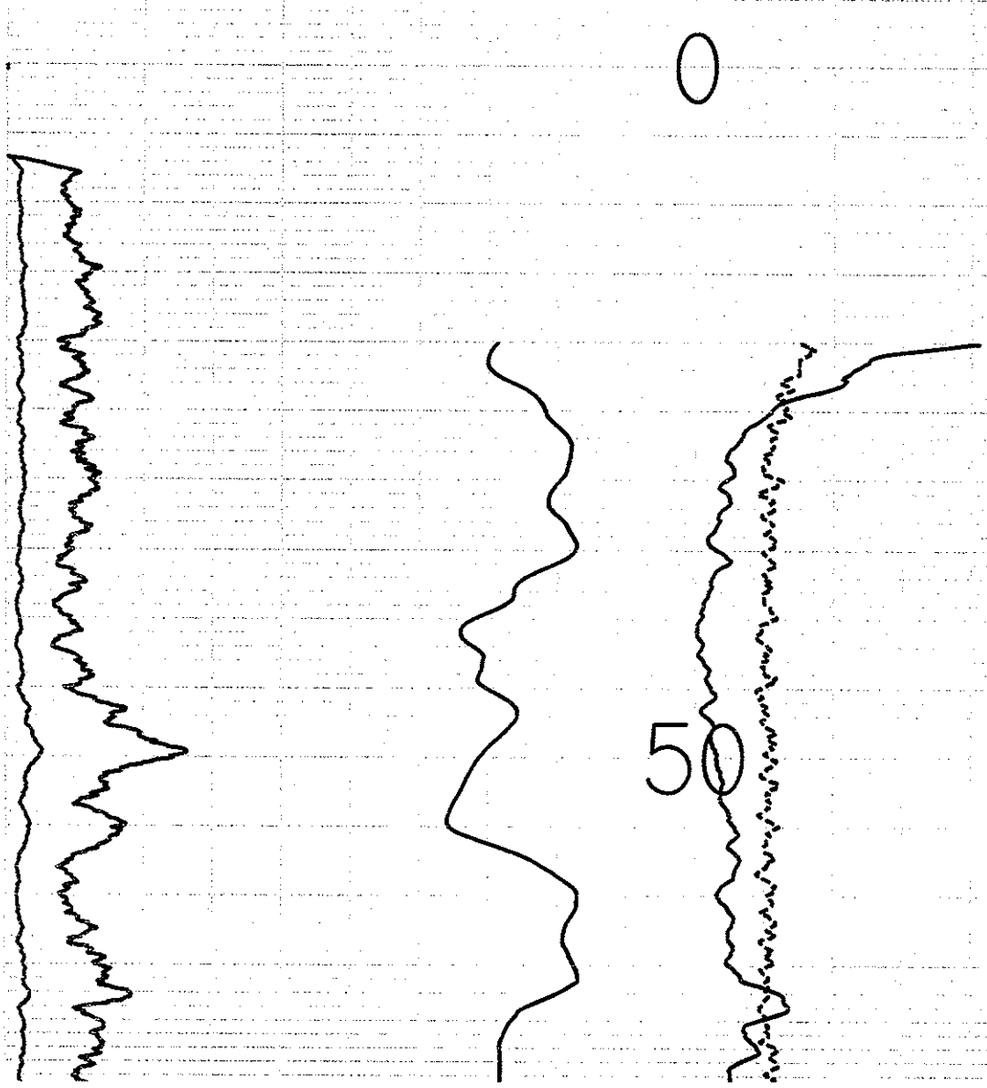
DETECTOR	– .875 X 4.0 NaI(T)
K–FACTOR	– .00000596
DEADTIME	– .000000233
TEST PIT	– G.W.
LAST CAL.	– 6–27–96
WATER FACTOR	– 1.142
CASING FACTOR	–

NEUTRON

DETECTOR	– 1 X 6 INCH HE3
SOURCE	– 1.5 Ci AmBe
SPACING	– 14 Inches

ELECTRIC LOGS

SINGLE POINT RESISTANCE
SP/16 INCH NORMAL
64 INCH NORMAL



URI

HOLE NUMBER

BL3/3

KLEBERG COUNTY TEXAS

SEC: --- TWN: --- RNG: ---

KVD

TD DRILLED	– 610.0'	ELEVATION	– μ
TD LOGGED	– 611.0'	CASING TYPE	– NONE
LOGGING SPEED	– 60'/MIN.	HOLE FLUID	– H2O
REFERENCE	– SURFACE	DRILLER	– MARK
BIT SIZE	– 5 5/8"		

REMARKS:

URI
Corpus Christi, Texas
Telephone 512–279–3342

TALBOTT – UNIT: L–4
03–28–97 – 1450 HRS.

TOOL MODEL/SER. NO.: 2025–3

NATURAL GAMMA

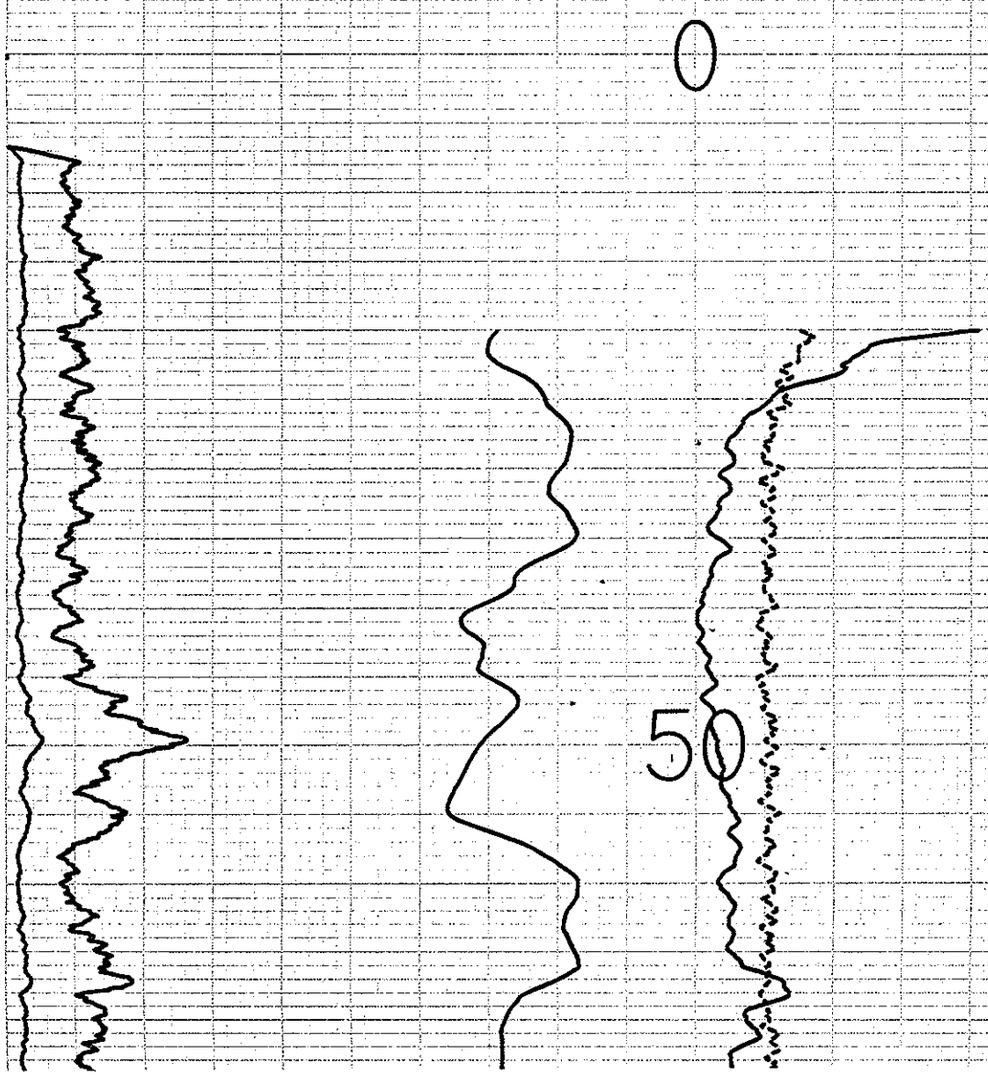
DETECTOR	– .875 X 4.0 NaI(T)
K–FACTOR	– .00000598
DEADTIME	– .000000233
TEST PIT	– G.W.
LAST CAL.	– 6–27–96
WATER FACTOR	– 1.142
CASING FACTOR	–

NEUTRON

DETECTOR – 1 X 6 INCH HE3
SOURCE – 1.5 Ci AmBe
SPACING – 14 Inches

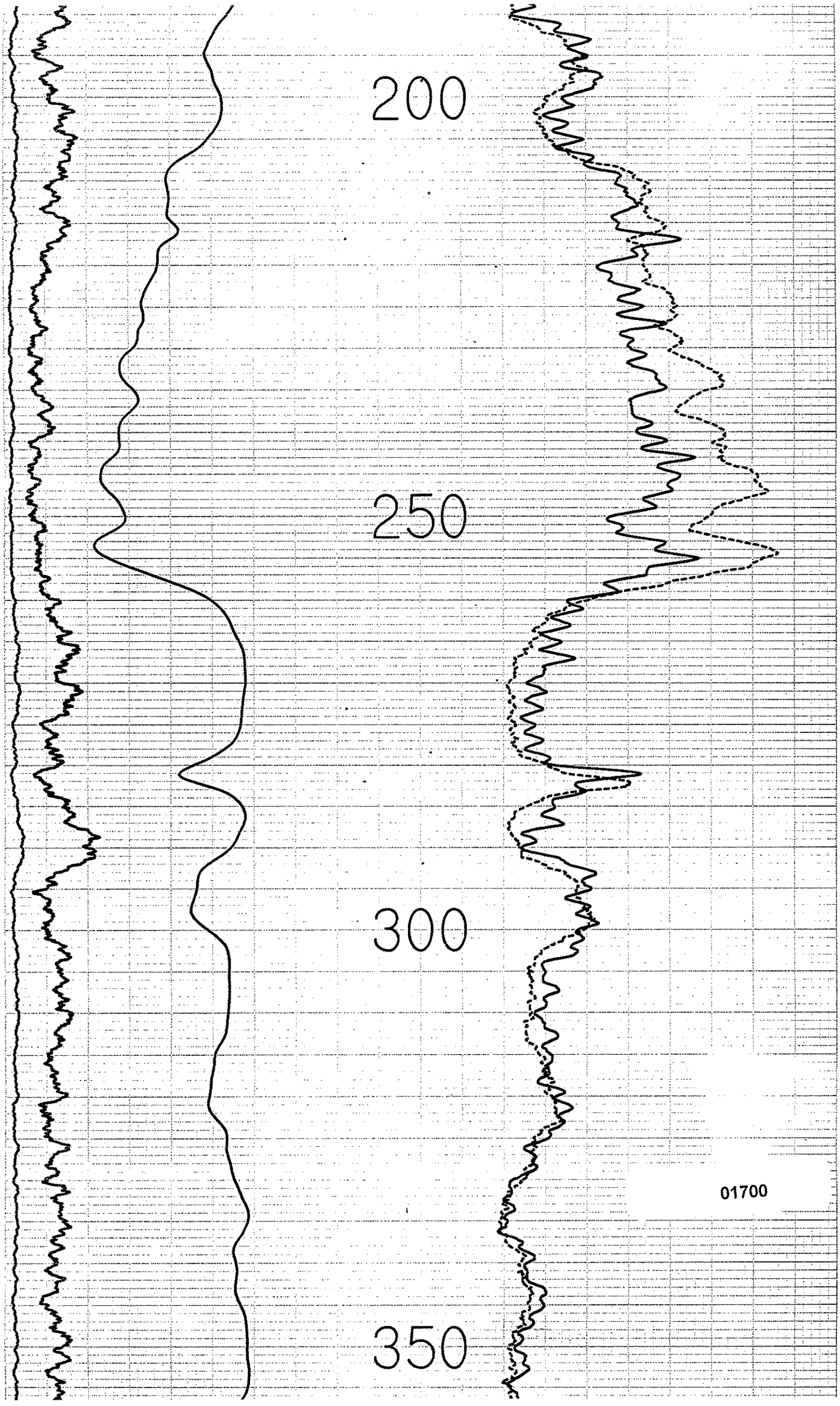
ELECTRIC LOGS

SINGLE POINT RESISTANCE
SP/16 INCH NORMAL
64 INCH NORMAL

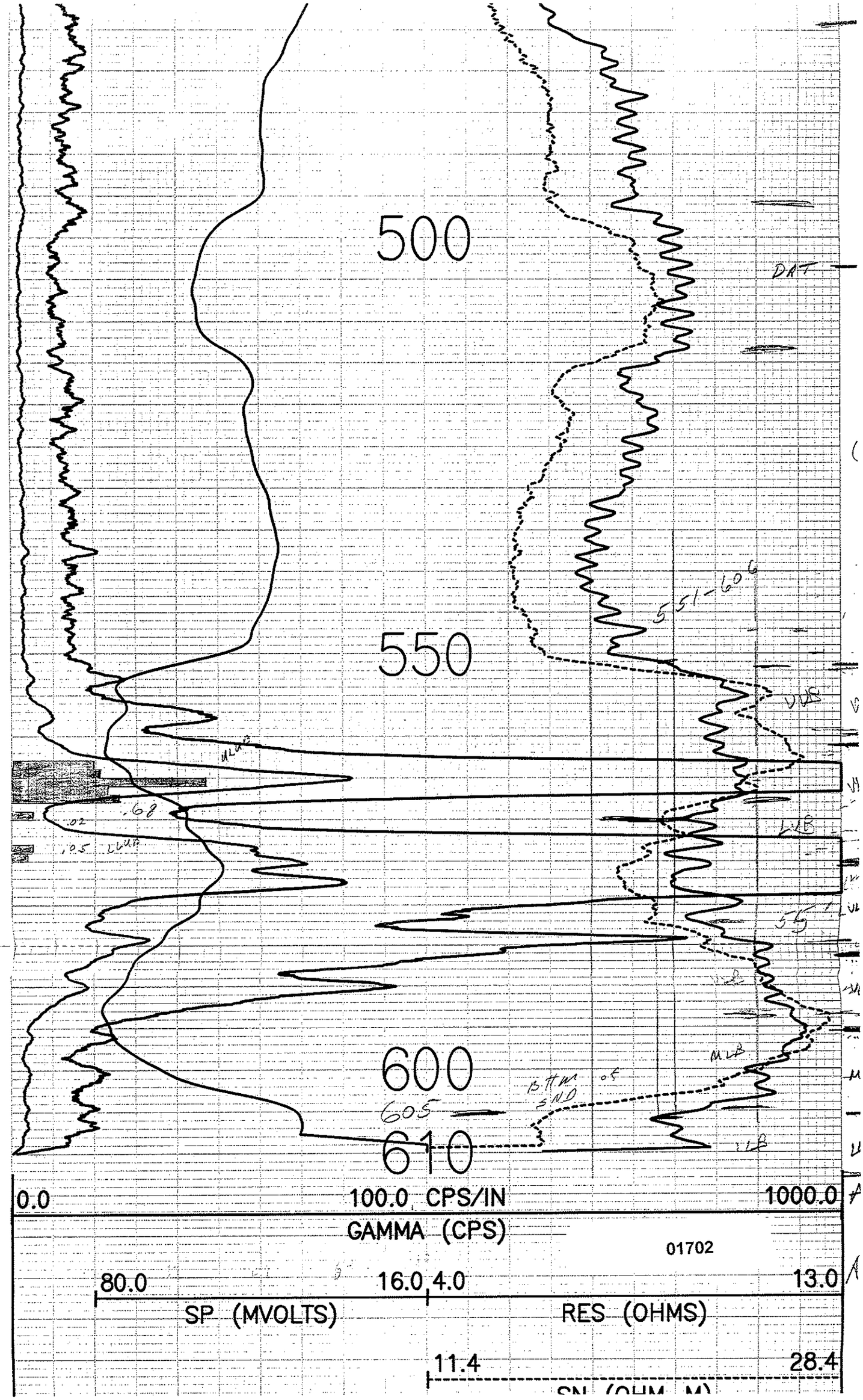


01698

100
150
200
01699


200
250
300
350
01700

350
400
450
01701


500
550
600
610
DAT
551-606
VLB
MLB
LLB
.68
.02
.05
605
BTM OF SND
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
01702
80.0
16.0
4.0
13.0
SP (MVOLTS)
RES (OHMS)
11.4
28.4

0.0 100.0 CPS/IN 1000.0

GAMMA (CPS)

80.0 16.0 4.0 13.0

SP (MVOLTS) RES (OHMS)

11.4 28.4

SN (OHM-M)

0.0 500.0 CPS/IN 5000.0

GAMMA HI

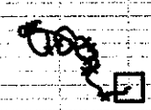
HOLE: BL3\3

DATE: Fri Mar 28 14:48:26 1997

DEVIATION SURVEY

NORTH

HOLE: BL3\3
DATE: MAR 28, 1997
TRUE DEPTH : 610.8
DEVIATION : 1.6
BEARING : 306.8
SCALE FT/IN: 2.0



01703

File

URI, Inc.
5656 South Staples, Suite 250, L88
Corpus Christi, Texas 78411

8503/
BL 3-3

ORE GRADE CALCULATION

Hole Number : bl3\3
Date Logged : Fri Mar 28 14:48:26 1997
Tool ID / SN : 2025-1
K-Factor : 5.730E-06
Deadtime : 2.300E-06
Calibration Date: 6-27-96
Water Factor : 1.142
Casing Factor : 1.000

Depth	Raw Gamma	Corr. Gamma	Grade	Grade >= 0.010	Grade >= 0.020	Grade >= 0.030	Grade >= 0.050
555.0	111	111	0.001				
555.5	133	133	0.002				
556.0	173	174	0.002				
556.5	209	209	0.003				
557.0	231	231	0.003				
557.5	241	241	0.003				
558.0	226	227	0.003				
558.5	179	179	0.002				
559.0	161	161	0.002				
559.5	175	175	0.002				
560.0	201	201	0.003				
560.5	251	251	0.003				
561.0	296	296	0.004				
561.5	332	332	0.004				
562.0	400	400	0.005				
562.5	561	561	0.007				
563.0	877	879	0.012	0.012			
563.5	1196	1200	0.016	0.016			
564.0	1465	1470	0.019	0.019			
564.5	1838	1846	0.024	0.024	0.024		
565.0	2033	2043	0.027	0.027	0.027		
565.5	1816	1823	0.024	0.024	0.024		
566.0	1506	1512	0.020	0.020			
566.5	1163	1166	0.015	0.015			
567.0	764	765	0.010	0.010			
567.5	452	453	0.006				
568.0	275	275	0.004				
568.5	210	210	0.003				
569.0	196	196	0.003				
569.5	196	196	0.003				
570.0	227	227	0.003				
570.5	272	272	0.004				
571.0	330	330	0.004				
571.5	500	501	0.007				
572.0	803	805	0.011	0.011			
572.5	1157	1160	0.015	0.015			
573.0	1397	1401	0.018	0.018			
573.5	1467	1472	0.019	0.019			
574.0	1479	1484	0.019	0.019			
574.5	1601	1607	0.021	0.021	0.021		
575.0	1742	1749	0.023	0.023	0.023		
575.5	1649	1655	0.022	0.022	0.022		
576.0	1465	1470	0.019	0.019			
576.5	1614	1620	0.021	0.021	0.021		
577.0	1919	1927	0.025	0.025	0.025		
577.5	1994	2003	0.026	0.026	0.026		
578.0	1747	1754	0.023	0.023	0.023		
578.5	1260	1263	0.017	0.017			
579.0	867	869	0.011	0.011			
579.5	713	714	0.009				
580.0	644	645	0.008				
580.5	563	564	0.007				
581.0	529	530	0.007				
581.5	541	542	0.007				
582.0	477	477	0.006				
582.5	447	447	0.006				
583.0	487	488	0.006				
583.5	628	628	0.008				
584.0	781	783	0.010	0.010			
584.5	765	766	0.010	0.010			
585.0	649	650	0.009				
585.5	593	593	0.008				
586.0	580	580	0.008				
586.5	516	516	0.007				
587.0	474	475	0.006				
587.5	440	441	0.006				
588.0	377	377	0.005				
588.5	328	329	0.004				
589.0	353	353	0.005				
589.5	419	420	0.005				
590.0	453	453	0.006				
590.5	414	415	0.005				
591.0	342	343	0.004				
591.5	297	297	0.004				
592.0	268	268	0.004				
592.5	222	222	0.003				
593.0	193	193	0.003				
593.5	168	168	0.002				
594.0	136	136	0.002				

594.0	136	136	0.002
594.5	112	112	0.001
595.0	99	99	0.001
595.5	105	105	0.001
596.0	123	123	0.002
596.5	115	115	0.002
597.0	92	92	0.001
597.5	83	83	0.001
598.0	73	73	0.001
598.5	67	67	0.001
599.0	76	76	0.001
599.5	92	92	0.001

CUTOFF NUMBER 1
NUMBER OF HALF FOOT INTERVALS = 26
AVERAGE GRADE = 0.018
GRADE-THICKNESS PRODUCT = 0.239

CUTOFF NUMBER 2
NUMBER OF HALF FOOT INTERVALS = 10
AVERAGE GRADE = 0.024
GRADE-THICKNESS PRODUCT = 0.118

****
********** END OF ZONE **********
****

DEVIATION : 1.6 FEET AT 306.8 DEGREES

LINE DEPTH	TRUE DEPTH	DEVIATION DISTANCE(FT)	DEVIATION BEARING(DEG)
29	29	0.1	213
52	52	0.4	250
79	79	0.4	268
102	102	0.7	291
126	126	0.7	294
155	155	0.6	297
178	178	0.6	306
201	201	0.8	317
229	229	0.9	312
252	252	0.7	303
276	275	0.7	317
300	300	0.9	317
330	330	1.3	312
354	353	1.2	303
377	377	1.1	299
400	400	1.0	307
429	429	1.3	307
453	453	1.7	300
476	476	1.5	292
504	504	1.3	295
526	526	1.4	302
552	552	1.6	302
579	579	1.7	296
601	601	1.7	302
611	611	1.6	307

URI, Inc.
5656 South Staples, Suite 250, LB8
Corpus Christi, Texas 78411

Uranium Assay

HOLE IDENTIFICATION

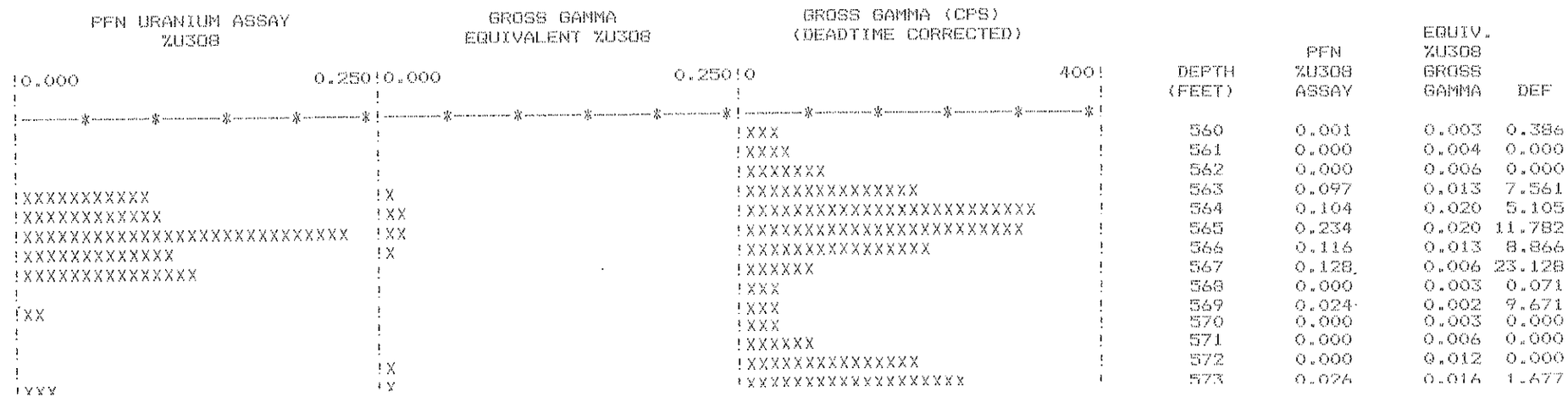
Client : URI, Inc.
Hole Number: b13\3 pfn
Project : KVD
Bit Size : 5 5\8 Inches
Hole Fluid : Native Mud
Time/Date : Fri Mar 28 15:31:47 1997

PFN TOOLDATA

PFN Tool Serial No.: 2
Interval : 560 - 594
Slope : 8.117E+00
En/Tn at Zero Grade: 2.940E-03
Lbs to Percent Fact: 9.170E-01
Hole Size Factor : 9.490E-01
Grade Cutoffs: 0.010, 0.020, 0.030, 0.050
Barren Grade Correction in %u3o8: 0.000E+00

GAMMA TOOL DATA

Gamma ID : 1
K-Factor : 3.030E-05
Deadtime : 1.170E-05
Calibration Date : PFN CAL 10-17-96
Water Factor : 1.000E+00
Hole Size Factor : 1.000E+00



DEPTH (FEET)	PFN %U3O8 ASSAY	EQUIV. %U3O8 GROSS GAMMA	DEF
560	0.001	0.003	0.386
561	0.000	0.004	0.000
562	0.000	0.006	0.000
563	0.097	0.013	7.561
564	0.104	0.020	5.105
565	0.234	0.020	11.782
566	0.116	0.013	8.866
567	0.128	0.006	23.128
568	0.000	0.003	0.071
569	0.024	0.002	9.671
570	0.000	0.003	0.000
571	0.000	0.006	0.000
572	0.000	0.012	0.000
573	0.026	0.016	1.677

```
!                                !XX                              !XXXXXXXXXXXXXXXXXXXXXXXXXXXX  !     577    0.008     0.023  0.354
!                                !X                               !XXXXXXXXXXXXXXXXXXX           !     578    0.000     0.016  0.000
!                                !X                               !XXXXXXXXXX                    !     579    0.000     0.008  0.000
!                                !                                !XXXXXXX                       !     580    0.000     0.006  0.000
!                                !                                !XXXXXXX                       !     581    0.000     0.006  0.000
!                                !                                !XXXXXX                        !     582    0.000     0.005  0.000
!                                !                                !XXXXXXXX                      !     583    0.000     0.007  0.000
!                                !X                               !XXXXXXXXXX                    !     584    0.008     0.009  0.887
!                                !                                !XXXXXXXX                      !     585    0.000     0.007  0.000
!                                !                                !XXXXXXX                       !     586    0.000     0.006  0.000
!                                !                                !XXXXXX                        !     587    0.000     0.006  0.000
!                                !                                !XXXX                          !     588    0.000     0.004  0.000
!                                !                                !XXXXX                         !     589    0.005     0.004  1.098
!                                !                                !XXXXX                         !     590    0.006     0.005  1.260
!                                !                                !XXXX                          !     591    0.004     0.004  1.085
!                                !                                !X                             !     592    0.000     0.001  0.000
!                                !                                !                              !     593    0.000     0.000  0.000
!-------*-------*-------*-------*-------*!-------*-------*-------*-------*-------*!-------*-------*-------*-------*-------*!
```

****

SUMMARY AT CUTOFF NUMBER 1 (0.010%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U3O8)	GRADE THICKNESS
563 - 568	5	0.136	0.678
569 - 570	1	0.024	0.024
573 - 575	2	0.023	0.047

Zone Total: 8 Feet of 0.094 Average Grade

SUMMARY AT CUTOFF NUMBER 2 (0.020%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U3O8)	GRADE THICKNESS
563 - 568	5	0.136	0.678
569 - 570	1	0.024	0.024
573 - 575	2	0.023	0.047

Zone Total: 8 Feet of 0.094 Average Grade

SUMMARY AT CUTOFF NUMBER 3 (0.030%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U3O8)	GRADE THICKNESS
563 - 568	5	0.136	0.678

Zone Total: 5 Feet of 0.136 Average Grade

SUMMARY AT CUTOFF NUMBER 4 (0.050%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U3O8)	GRADE THICKNESS
563 - 568	5	0.136	0.678

Zone Total: 5 Feet of 0.136 Average Grade

00808

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL 3/2

T.D. 520 LOCATION: Mink

BIT SIZE 5 5/8"

SAMPLE LOG BY MA LEASE: (PROJECT) KYD

DATE 3-28-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
								Sd; tannish brn; vf-f; mod srt; sbrnd; mod qtz; mnk; SOX
10								Clay; tannish brn; SOX
20								Clay; lt blgry; id
30								
40								
50								
60								Sd; lt blgry; vf-f; mod srt; sbrnd; mod qtz; mnk; id
								Clay; lt blgry; id
70								
80								
90								
200								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00814

URANIUM RESOURCES, INC.

DRILLED WITH: AIR ☐ WATER ☒ HOLE NO. RL3/3

T.D. 620' LOCATION: Mark

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) TX

DATE 9-28-97 COUNTY KVD STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
200								Clay: lt bl gry, rd
10								
20								
30								
40								Sd; lt gry; vf-f; mod srt; sub rd; mod ∅; mod cem.
50								Clay: lt bl gry, rd
60								
70								
80								
90								
400								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00815

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. RL 3/3

T.D. 620' LOCATION: Mark

BIT SIZE 5 5/8"

SAMPLE LOG BY [illegible] LEASE: (PROJECT) KVD

DATE 3-28-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Alteration % Reduction	Alteration % Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
								Clay; lt blgry; id
5								Clay; reddish brn; fer
10								
20								
30								
40								
50								Sd; Med gry; f-m; mod srt; sub rd; ex ⌀; ex Kj; id.
60								
70								Sd; dusky yllw; f-m; mod srt; sub rd; ex ⌀; ex Kj; 20x
80								
90								
100								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00816

URANIUM RESOURCES, INC.

DRILLED WITH: AIR ☐ WATER ☒ HOLE NO. RL 3/3

T.D. 620' LOCATION: Mark

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVP

DATE 3-28-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
400								Clarit blgrind
10								
20								
30								
40								
50								
60								
70								
80								
90								
00								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00817

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. RL3/3

T.D. 620' LOCATION: Mark

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

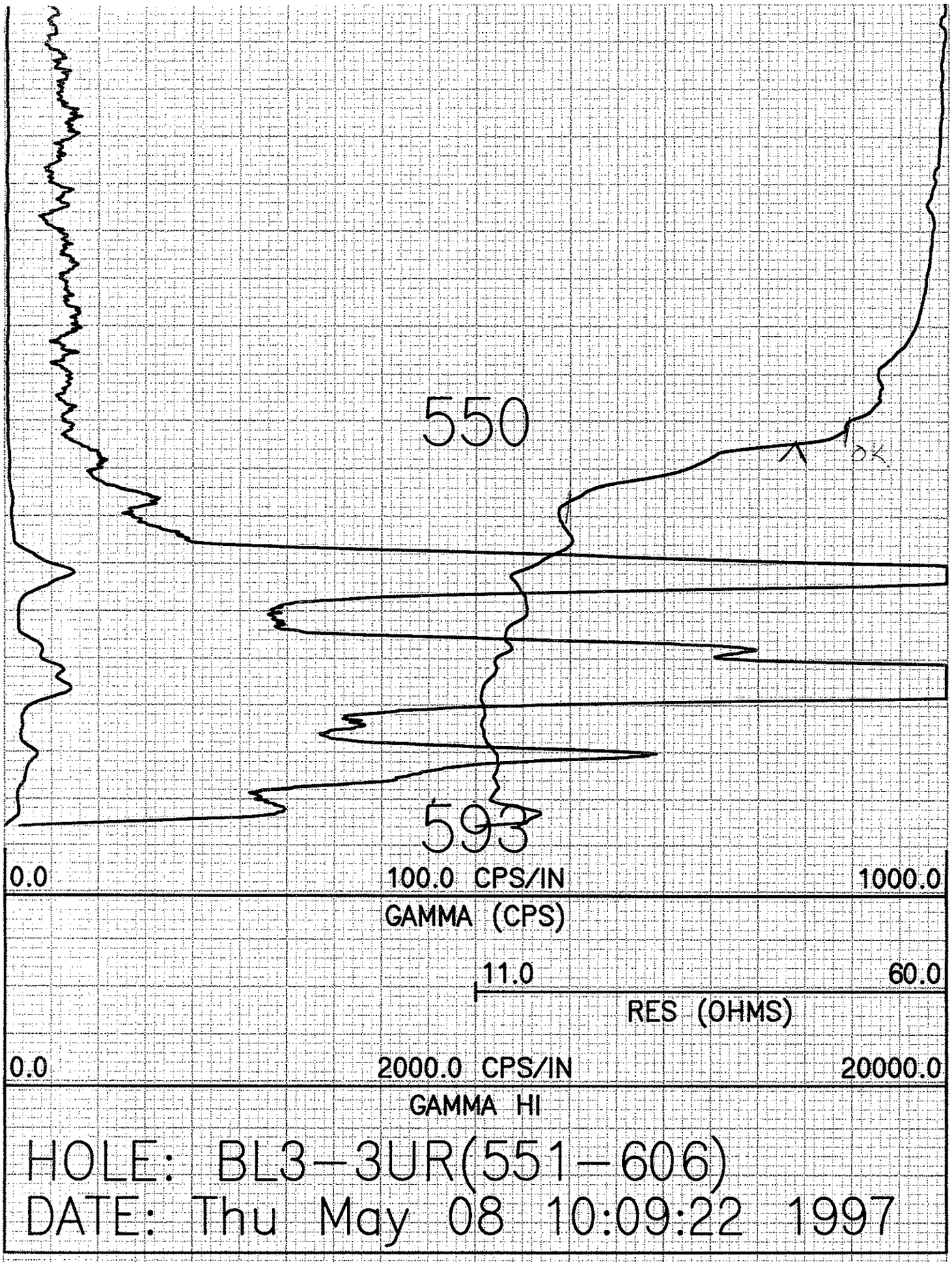
DATE 3-28-92 COUNTY Kleberg STATE Tx

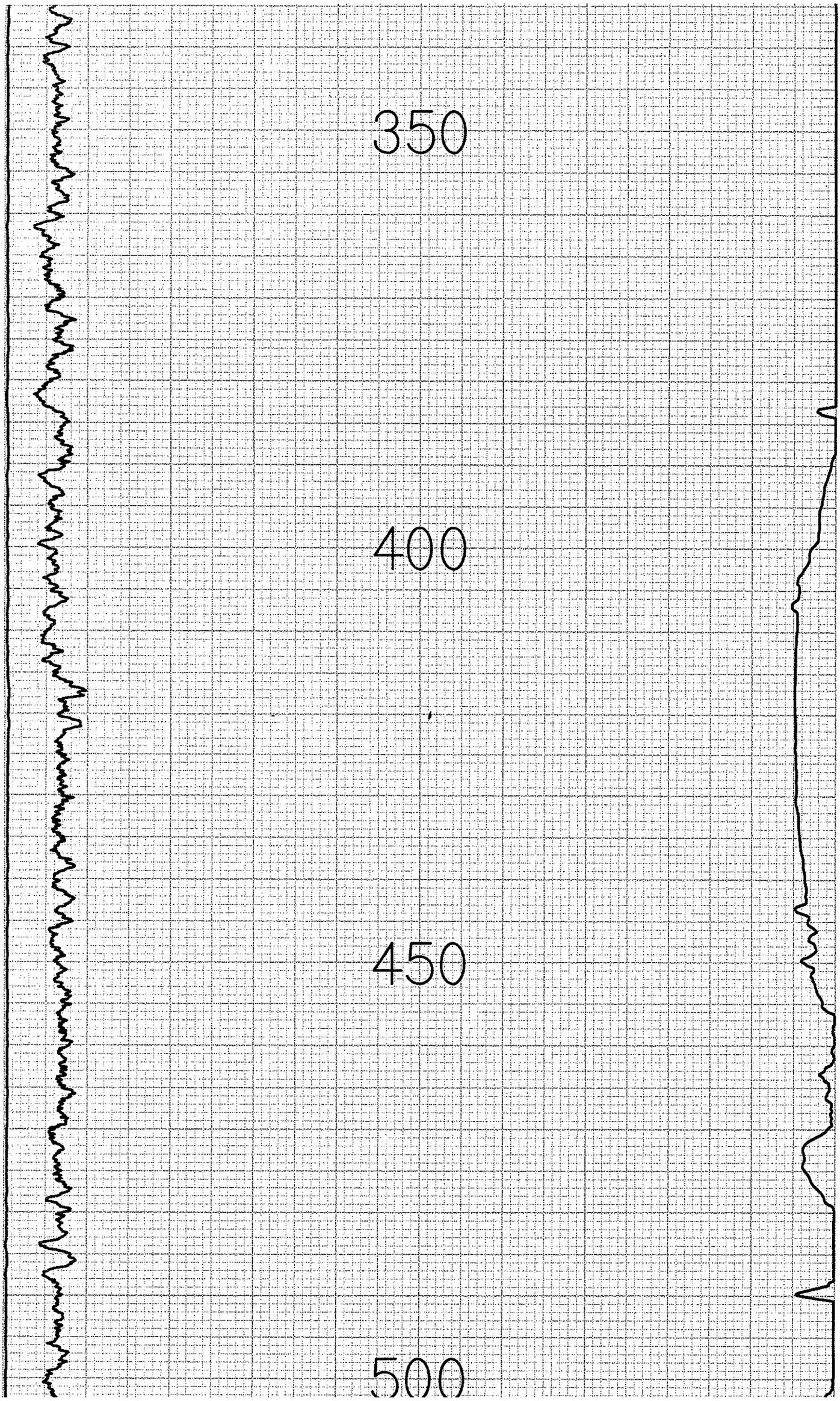
DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Alteration % Reduction	Alteration % Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
0								Clay, Hbl grvl
10	TD							TD
20								
30								
40								
50								
60								
70								
80								
90								
00								

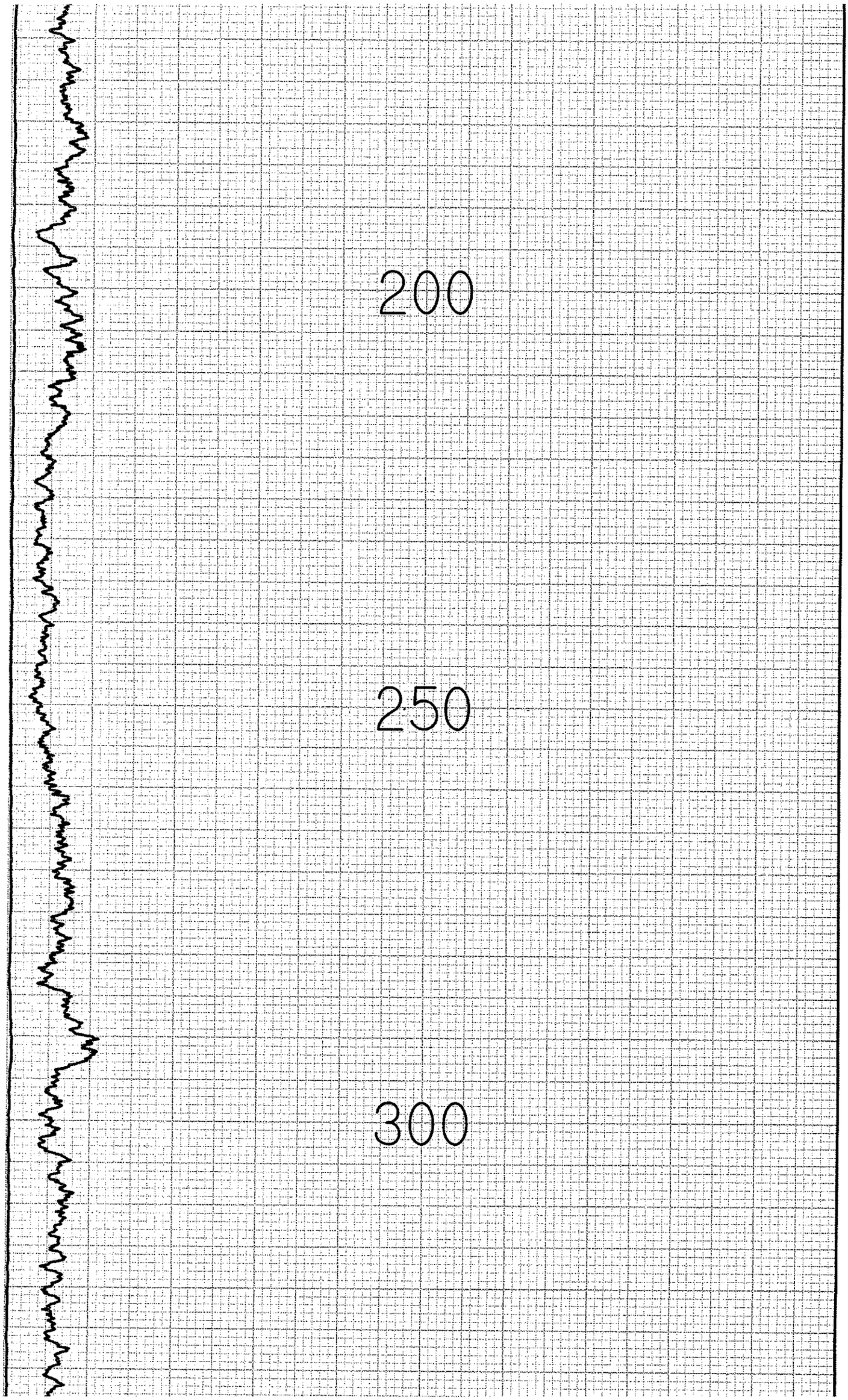
L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

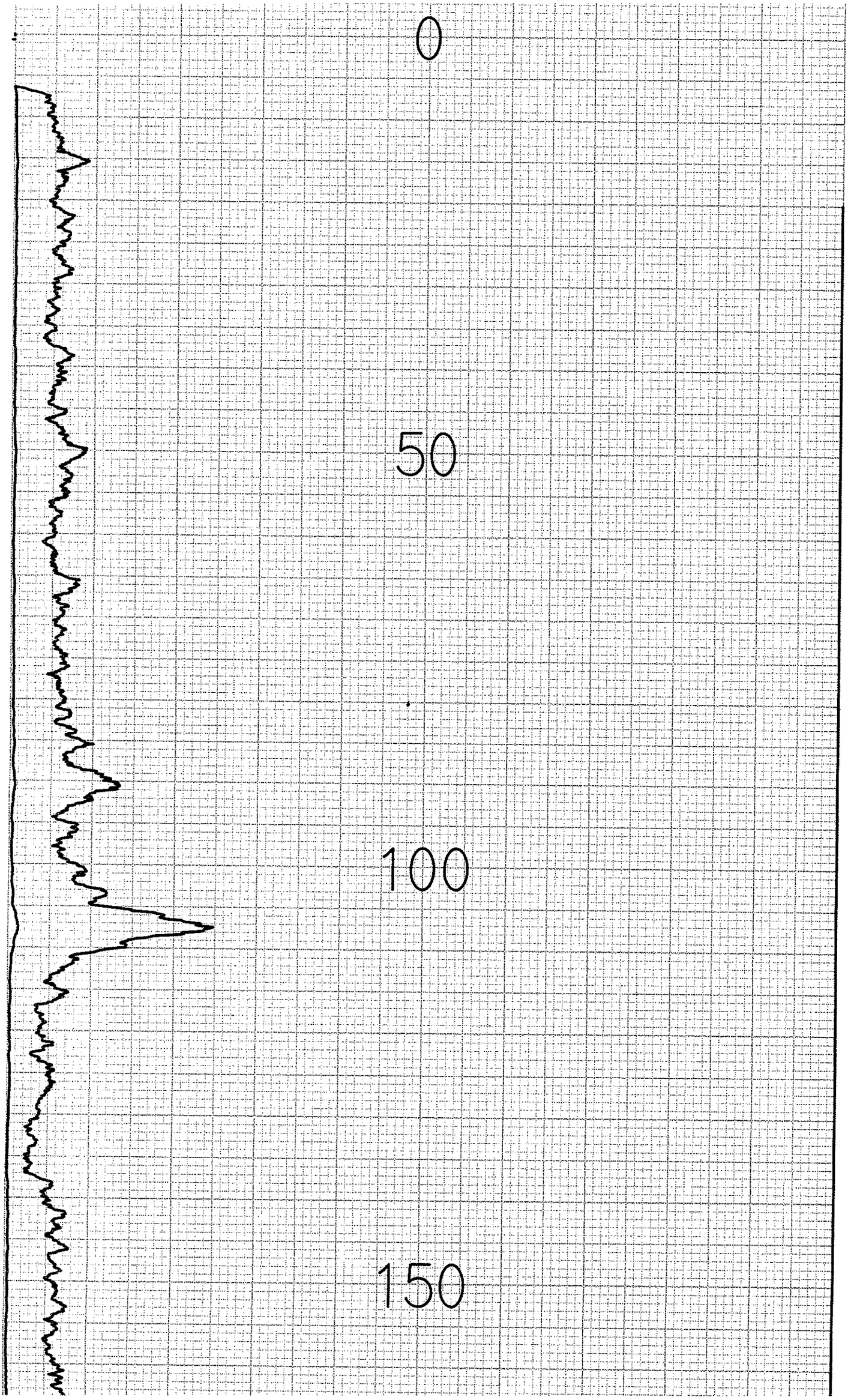
00818


550
OK
593
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
11.0
60.0
RES (OHMS)
0.0
2000.0 CPS/IN
20000.0
GAMMA HI
HOLE: BL3-3UR(551-606)
DATE: Thu May 08 10:09:22 1997


350
400
450
500



00821



00822

HOLE NUMBER

URI
BL3\4

KLEBERG COUNTY TEXAS

SEC: --- TWN: --- RNG: ---

KVD

TD DRILLED	– 620.0'	ELEVATION	– μ
TD LOGGED	– 625.8'	CASING TYPE	– NONE
LOGGING SPEED	– 60'/MIN.	HOLE FLUID	– H2O
REFERENCE	– SURFACE	DRILLER	– MARIO
BIT SIZE	– 5 5/8"		

REMARKS:

URI
Corpus Christi, Texas
Telephone 512-279-3342

TALBOTT – UNIT: L-4
03-31-97 – 1615 HRS.

TOOL MODEL/SER. NO.: 2025-3

NATURAL GAMMA

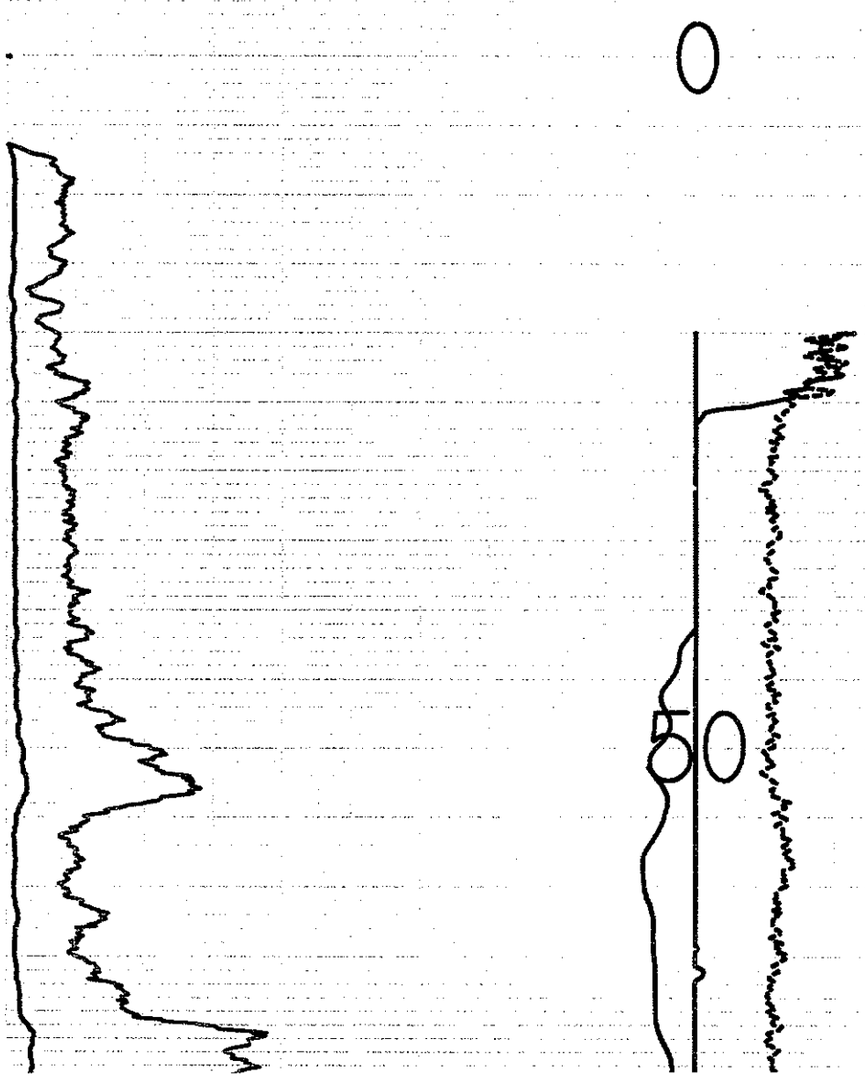
DETECTOR	– .875 X 4.0 NaI(T)
K-FACTOR	– .00000596
DEADTIME	– .000000233
TEST PIT	– G.W.
LAST CAL.	– 6-27-96
WATER FACTOR	– 1.142
CASING FACTOR	–

NEUTRON

DETECTOR	– 1 X 6 INCH HE3
SOURCE	– 1.5 Ci AmBe
SPACING	– 14 Inches

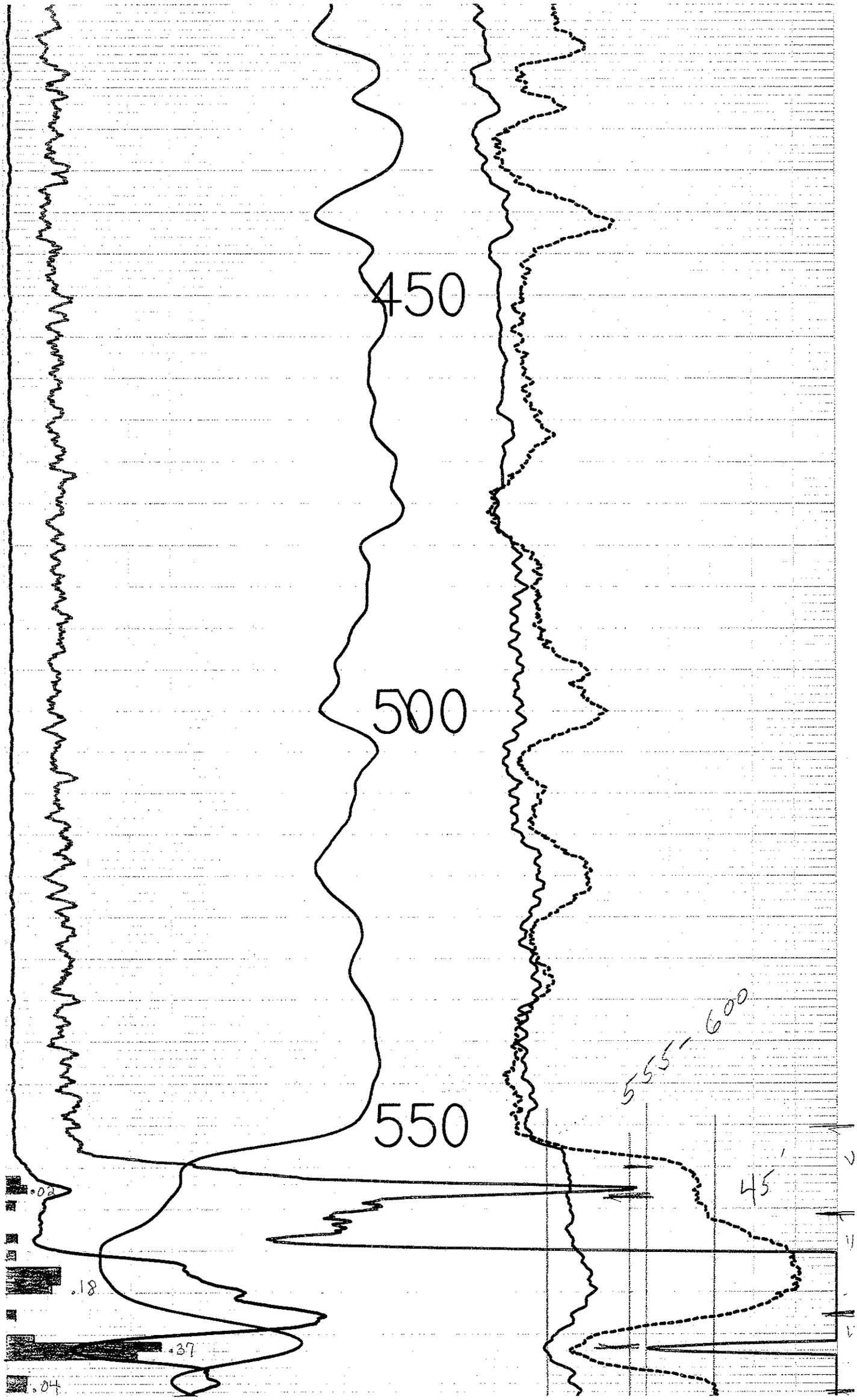
ELECTRIC LOGS

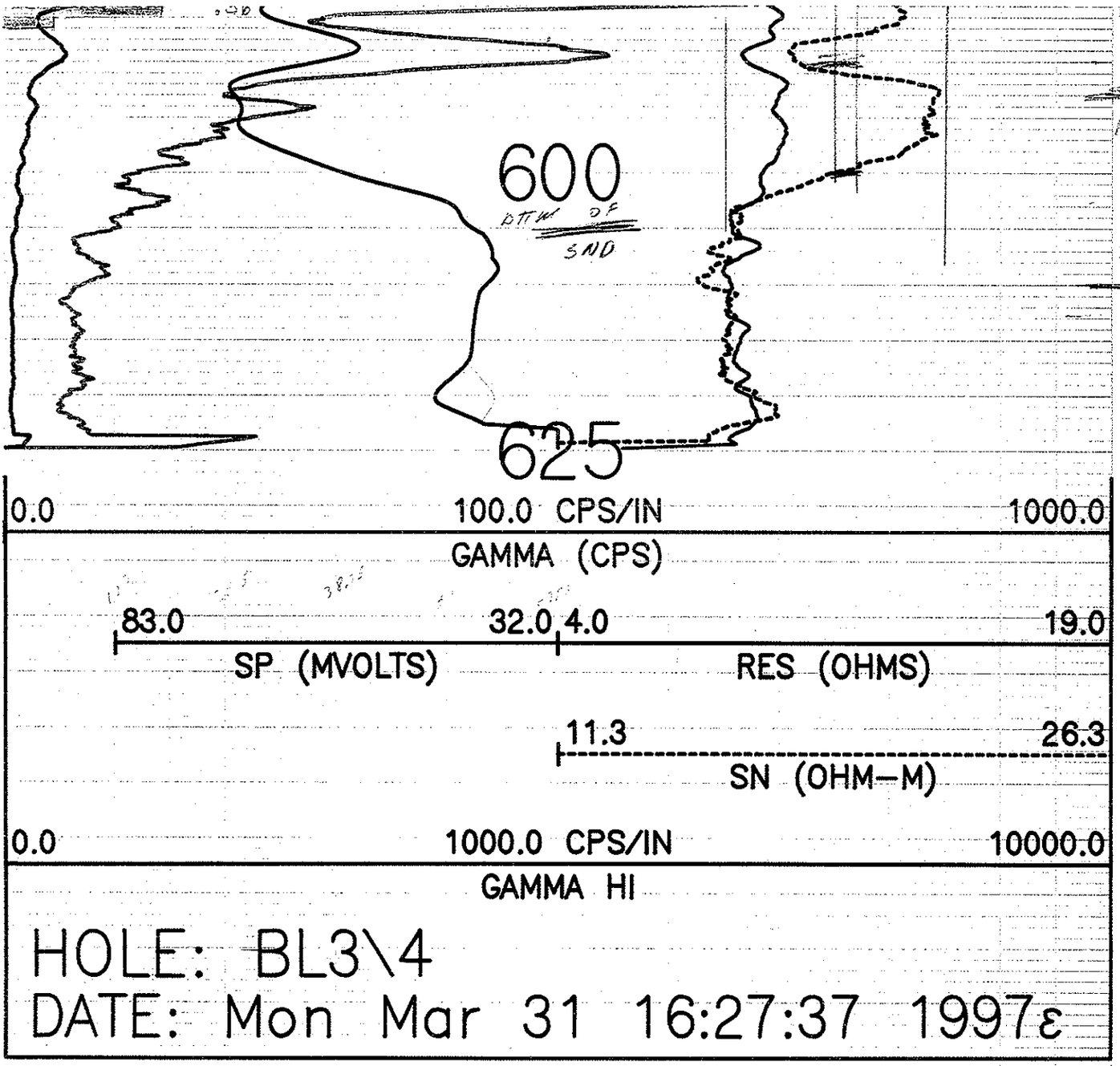
SINGLE POINT RESISTANCE
SP/16 INCH NORMAL
64 INCH NORMAL



00877

250
300
350
400

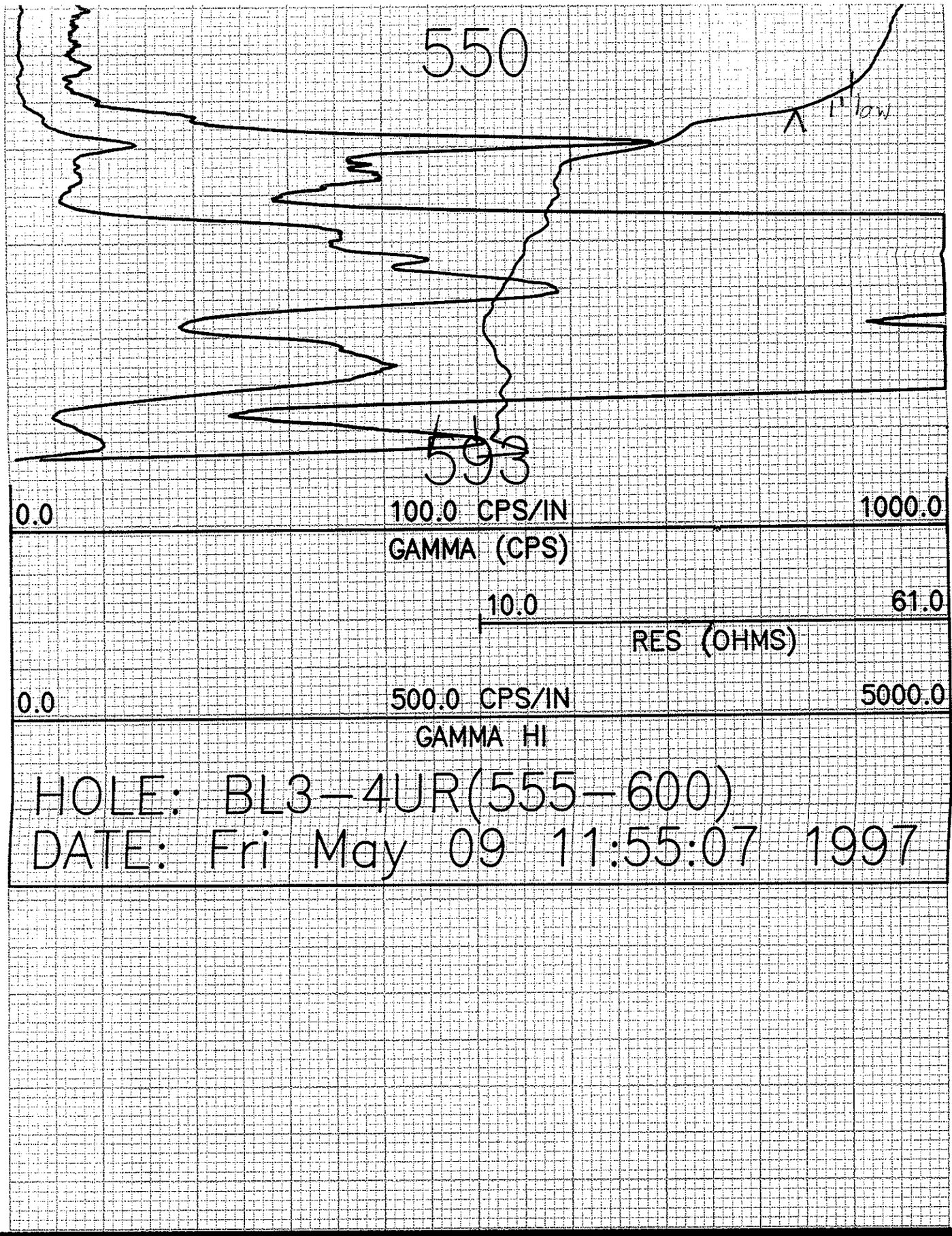

450
500
550
555-600
45'
.02
.18
.37
.04



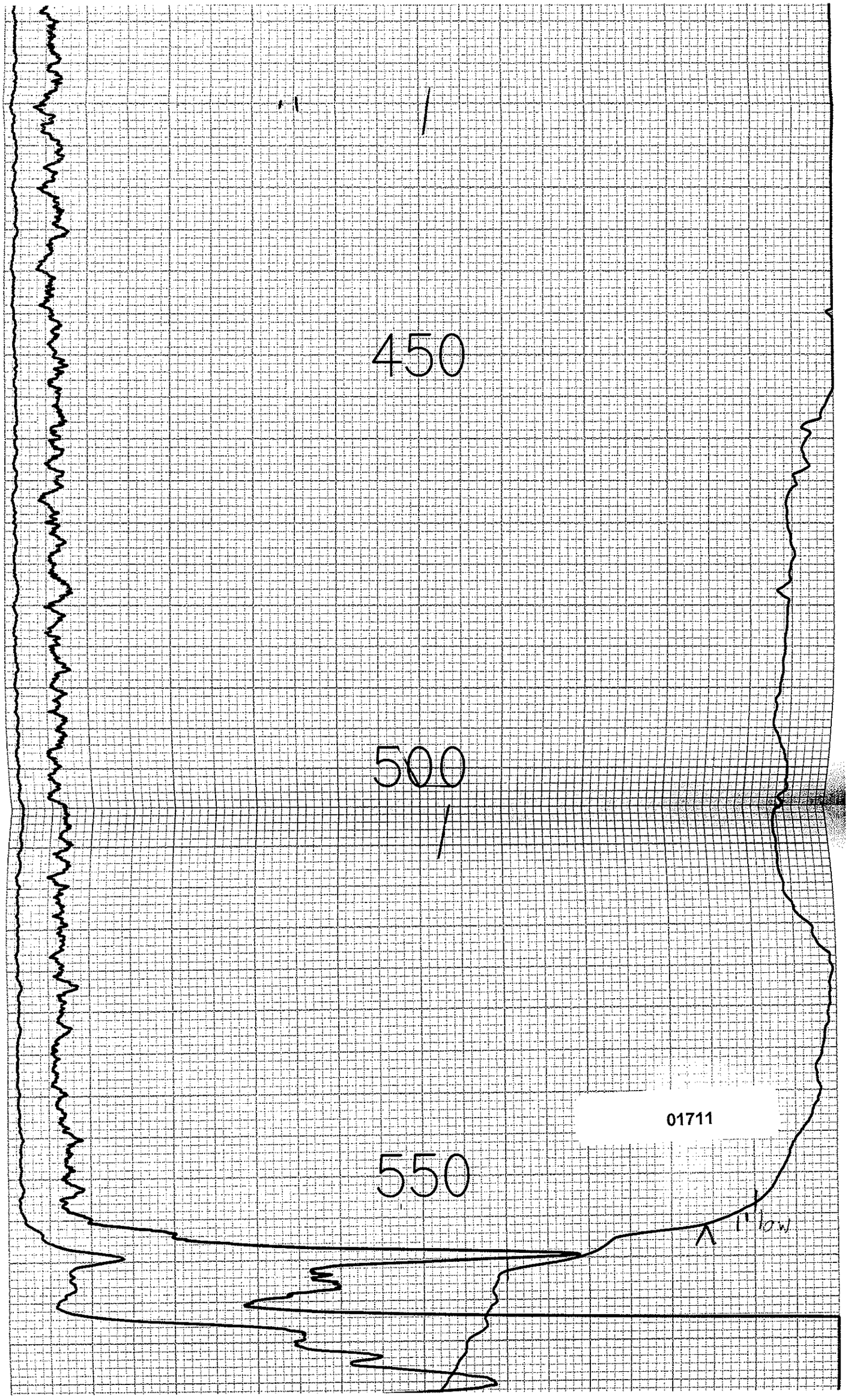
DEVIATION SURVEY

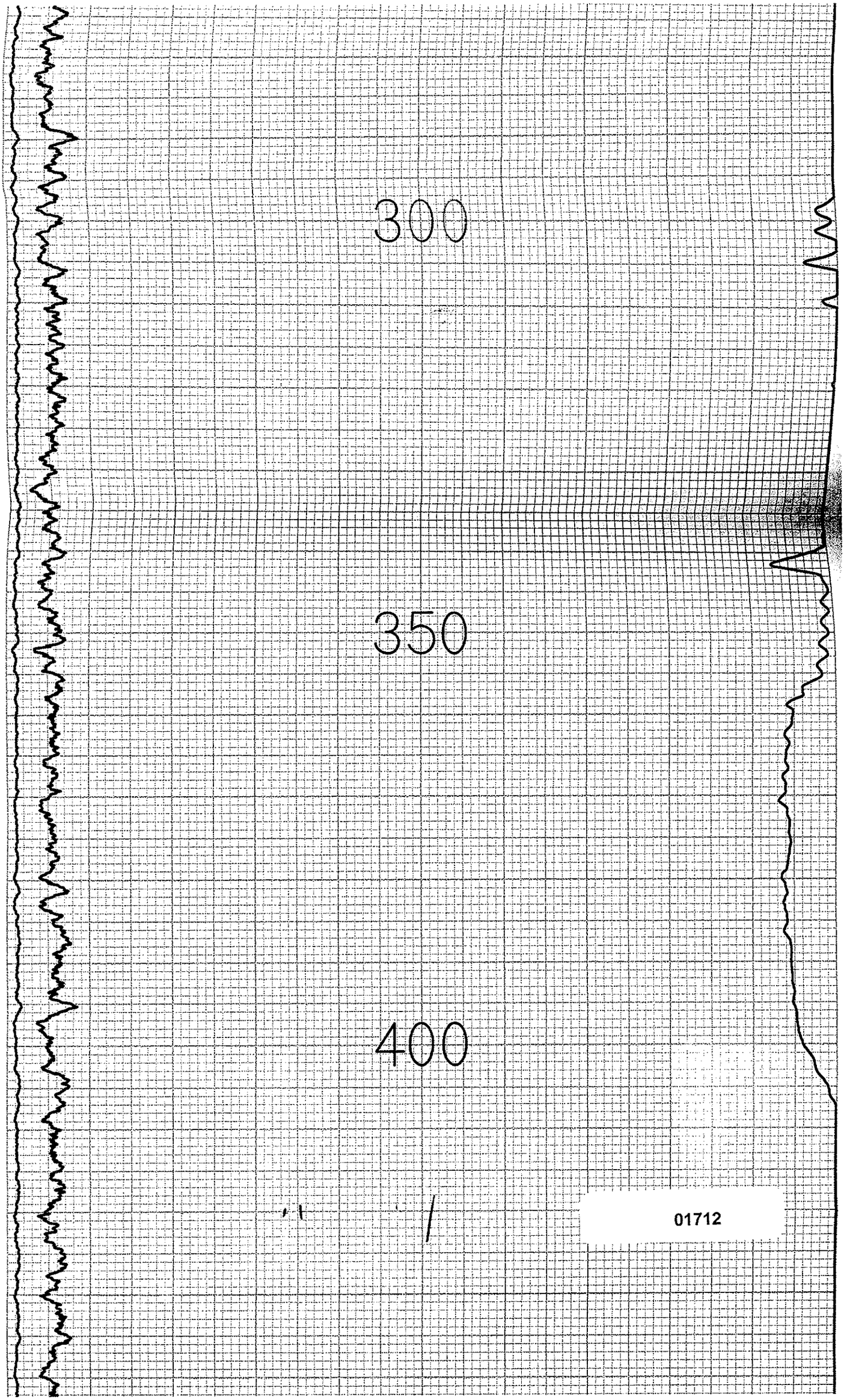
HOLE: BL3\4
DATE: MAR 31, 1997
TRUE DEPTH : 625.6
DEVIATION : 2.1
BEARING : 161.9
SCALE FT/IN: 2.0

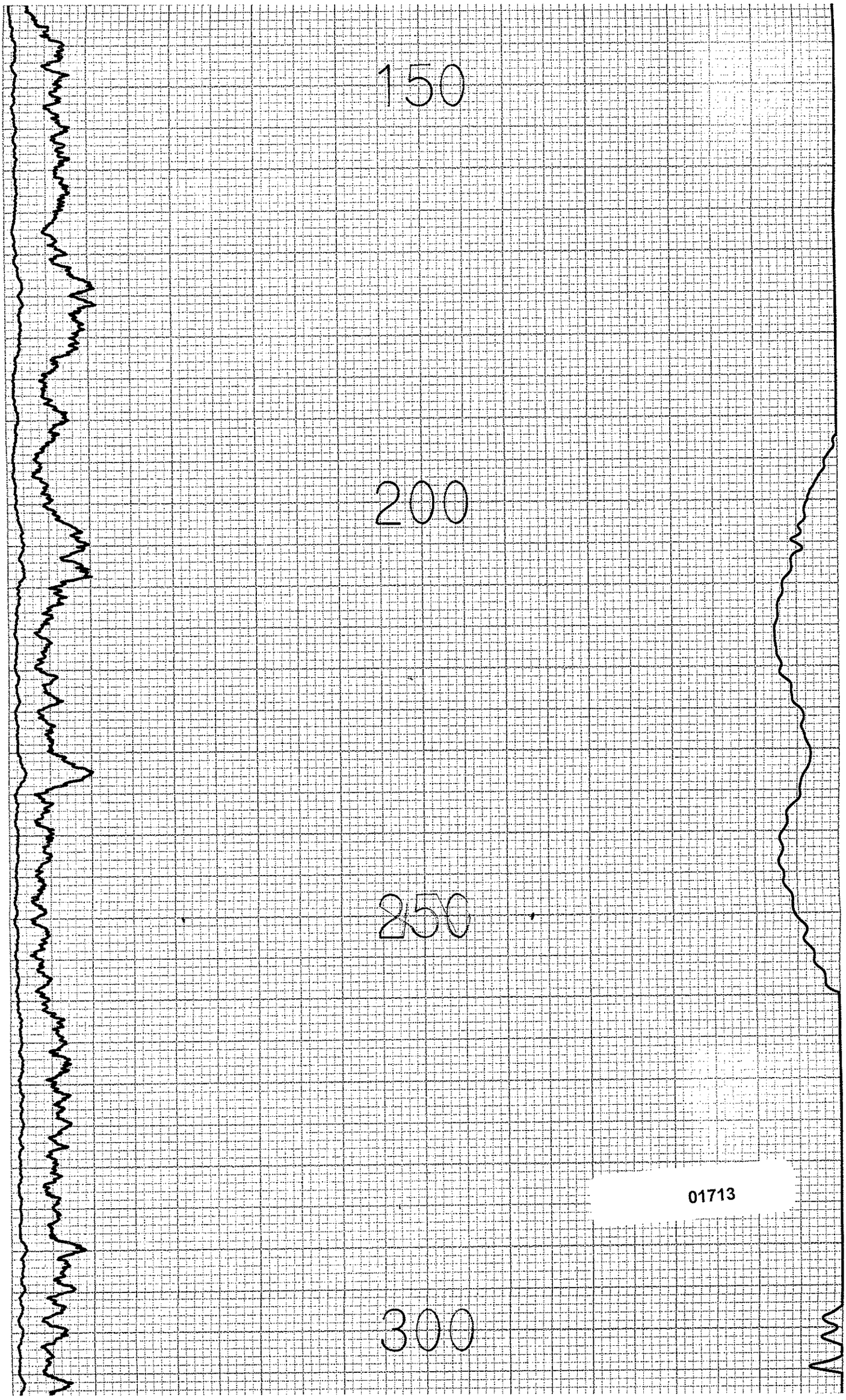
NORTH


550
1' low
593
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
10.0
61.0
RES (OHMS)
0.0
500.0 CPS/IN
5000.0
GAMMA HI
HOLE: BL3-4UR(555-600)
DATE: Fri May 09 11:55:07 1997

01710


450
500
550
01711
11' low


300
350
400
01712


150
200
250
300
01713

01714

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL 3/4

T.D. 720' LOCATION: Amador

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 3-22-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
0								Clay; tarnish brn; Sox
10								
20								
30								Clay; lt blgry; vq
40								
50								
60								Sd; lt gry; vf-f; mod srt; sub rd; mod φ; mod kyld.
70								
80								Clay; lt blgry; vq.
90								
200								Sd; lt gry; vf-f; mod srt; sub rd; ex φ; ex kyld

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00885

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL3/4

T.D. 720' LOCATION: Amador

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 3-22-92 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
								Clay, lt bl gry, rd
								Sd, lt gry, vf-f, mod srt, sub rd, mod ϕ, mod K, rd.
10								Clay, lt bl gry, rd
								↓
20								Sd, lt gry, vf-f, mod srt, sub rd, mod ϕ, mod K, rd.
								↓
30								Clay, lt bl gry, rd
								↓
40								Sd, lt gry, vf-f, mod srt, sub rd, mod ϕ, mod K, rd.
								Clay, lt bl gry, rd.
50								
60								
								Sd, lt gry, vf-f, mod srt, sub rd, mod ϕ, mod K, rd.
70								
								Clay, lt bl gry, rd
80								
90								
400								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00886

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL3/4

T.D. 720' LOCATION: Amadal

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 3-22-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
400								Clay, lt bl gray
10								
20								
30								
40								
50								
60								
70								
80								
90								
00								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00887

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL 3/4

T.D. 720' LOCATION: Arnoldo

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) K V D

DATE 3-22-99 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
500								Clay; lt bl gry; id
10								
20								
30								
40								
50								Sd; med gry; f-m; mod srt; sub rd; ex ⌀; ex kj id
60								
70								Sd; dusky yllw; f-m; mod srt; sub rd; ex ⌀; ex kj; id
80								Sd; med gry; f-m; mod srt; sub rd; ex ⌀; ex kj; id
90								
600								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00888

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL3/4

T.D. 620' LOCATION: Amador

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 3-22-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
600								Sd; med gry; f-m; mod srt; sub rd; ex Q; ex K; rd.
								Clay; lt bl gry; rd
10								
20								Sd; lt gry; vf-f; mod srt; sub rd; mod Q; mod K; rd
								Clay; lt bl gry; rd.
30								
Rd 40								
50								Sd; med gry; f-m; mod srt; sub rd; ex Q; ex K; rd.
60								
70								
80								Sd; lt gry; vf-f; mod srt; sub rd; mod Q; mod K; rd
90								
700								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL3/4

T.D. 20' LOCATION: Amadal

BIT SIZE 5 5/8"

SAMPLE LOG BY MA LEASE: (PROJECT) KYD

DATE 3-22-92 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
00								Sa, lt gry, f-c, mod sort, sbrd, mod ft, mod kyl
10								Clay, lt bl gry, sd
20	TD							TD
30								
40								
50								
60								
70								
80								
90								
00								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00889

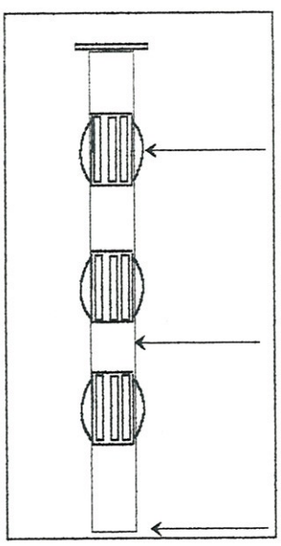
Well Name: B.L. 8504 BL 3-4

Date: 07-Apr-97

Driller:

Project: Kingsville Dome

Completion Type: Casing through the interval for a underreamed completion with a gravel pack.



Joints of 6 in Casing Required: 31.3 Jts.

Length of Short 6 in Casing 5 **ft.** **To be run as Last Jt. in hole**

Run Centralizers at: 1st, 4th, 15th & 22nd joints from bottom of casing

Cement Displaced to: 585 ft. inside of casing.

Pipe Size: 6.50 in. (6" SDR 17 Casing)

Hole Reamed to: 628 ft.

32.6 (bbls) Volume of Cement Slurry Volume Required

Cement Designed 22.6 (bbls) Mixing Water Required = 950 Gals.

to be: 13.0 ppg 98.9 Sacks of Cement Required

Cement Yield: 1.85 cuft/sx 0.9 Sacks of Gel Required = 93 lbs of Gel Required

825 gallons Displacement Volume Required

or

19.6 bbls Displacement Volume Required

50 % Excess Cement

117.0 Annular Volume (cuft.)

Final Weight of Cement _____

BBls Returns _____

Witnessed by: _____

URI, Inc.
5656 South Staples, Suite 250, LB8
Corpus Christi, Texas 78411

ORE GRADE CALCULATION

Hole Number : b13\4
Date Logged : Mon Mar 31 16:27:37 1997
Tool ID / SN : 2025-1
K-Factor : 5.730E-06
Deadtime : 2.300E-06
Calibration Date: 6-27-96
Water Factor : 1.142
Casing Factor : 1.000

Depth	Raw Gamma	Corr. Gamma	Grade	Grade >= 0.010	Grade >= 0.020	Grade >= 0.030	Grade >= 0.050
550.0	80	80	0.001				
550.5	72	72	0.001				
551.0	77	77	0.001				
551.5	84	84	0.001				
552.0	88	88	0.001				
552.5	87	87	0.001				
553.0	94	94	0.001				
553.5	119	119	0.002				
554.0	164	164	0.002				
554.5	218	218	0.003				
555.0	253	253	0.003				
555.5	290	290	0.004				
556.0	343	343	0.004				
556.5	438	439	0.006				
557.0	621	622	0.008				
557.5	747	748	0.010				
558.0	660	661	0.009				
558.5	498	499	0.007				
559.0	438	439	0.006				
559.5	446	447	0.006				
560.0	433	434	0.006				
560.5	392	392	0.005				
561.0	393	393	0.005				
561.5	405	406	0.005				
562.0	402	402	0.005				
562.5	400	401	0.005				
563.0	369	369	0.005				
563.5	321	321	0.004				
564.0	349	350	0.005				
564.5	483	484	0.006				
565.0	740	741	0.010				
565.5	1209	1212	0.016	0.016			
566.0	1747	1754	0.023	0.023	0.023		
566.5	2088	2098	0.027	0.027	0.027		
567.0	2132	2143	0.028	0.028	0.028		
567.5	2165	2176	0.028	0.028	0.028		
568.0	2247	2259	0.030	0.030	0.030		
568.5	2351	2364	0.031	0.031	0.031	0.031	
569.0	2503	2518	0.033	0.033	0.033	0.033	
569.5	2747	2764	0.036	0.036	0.036	0.036	
570.0	2844	2863	0.037	0.037	0.037	0.037	
570.5	2764	2781	0.036	0.036	0.036	0.036	
571.0	2858	2877	0.038	0.038	0.038	0.038	
571.5	3151	3174	0.042	0.042	0.042	0.042	
572.0	3518	3547	0.046	0.046	0.046	0.046	
572.5	3773	3806	0.050	0.050	0.050	0.050	
573.0	3774	3808	0.050	0.050	0.050	0.050	
573.5	3716	3748	0.049	0.049	0.049	0.049	
574.0	3480	3508	0.046	0.046	0.046	0.046	
574.5	2850	2868	0.038	0.038	0.038	0.038	
575.0	2038	2048	0.027	0.027	0.027		
575.5	1394	1398	0.018	0.018			
576.0	987	989	0.013	0.013			
576.5	809	810	0.011	0.011			
577.0	802	803	0.011	0.011			
577.5	975	977	0.013	0.013			
578.0	1378	1383	0.018	0.018			
578.5	1934	1943	0.025	0.025	0.025		
579.0	2316	2328	0.030	0.030	0.030	0.030	
579.5	2397	2410	0.032	0.032	0.032	0.032	
580.0	2407	2420	0.032	0.032	0.032	0.032	
580.5	2473	2487	0.033	0.033	0.033	0.033	
581.0	2535	2550	0.033	0.033	0.033	0.033	
581.5	2411	2425	0.032	0.032	0.032	0.032	
582.0	2260	2272	0.030	0.030	0.030		
582.5	2101	2111	0.028	0.028	0.028		
583.0	1734	1741	0.023	0.023	0.023		
583.5	1306	1310	0.017	0.017			
584.0	996	998	0.013	0.013			
584.5	775	777	0.010	0.010			
585.0	562	563	0.007				
585.5	369	370	0.005				
586.0	288	288	0.004				
586.5	280	281	0.004				
587.0	315	315	0.004				
587.5	366	366	0.005				
588.0	435	436	0.006				
588.5	493	494	0.006				

588.0	435	436	0.006
588.5	493	494	0.006
589.0	523	524	0.007
589.5	534	535	0.007
590.0	484	484	0.006
590.5	388	388	0.005
591.0	328	329	0.004
591.5	263	263	0.003
592.0	228	228	0.003
592.5	207	207	0.003
593.0	201	201	0.003
593.5	238	238	0.003
594.0	270	270	0.004
594.5	252	252	0.003

CUTOFF NUMBER 1
NUMBER OF HALF FOOT INTERVALS = 39
AVERAGE GRADE = 0.029
GRADE-THICKNESS PRODUCT = 0.566

CUTOFF NUMBER 2
NUMBER OF HALF FOOT INTERVALS = 29
AVERAGE GRADE = 0.034
GRADE-THICKNESS PRODUCT = 0.496

CUTOFF NUMBER 3
NUMBER OF HALF FOOT INTERVALS = 19
AVERAGE GRADE = 0.038
GRADE-THICKNESS PRODUCT = 0.362

****
********** END OF ZONE **********
****

DEVIATION : 2.1 FEET AT 161.9 DEGREES

LINE DEPTH	TRUE DEPTH	DEVIATION DISTANCE(FT)	DEVIATION BEARING(DEG)
26	26	0.5	115
50	50	0.7	135
79	79	1.0	134
102	102	1.2	120
126	126	1.2	108
150	150	1.1	112
178	177	1.2	119
200	200	1.3	121
228	227	1.2	124
250	250	1.2	126
277	277	1.2	126
304	304	1.1	131
327	327	1.0	137
353	353	1.1	140
379	379	1.1	139
400	400	1.1	141
426	426	1.3	149
451	451	1.4	139
477	477	1.3	142
502	502	1.5	148
526	526	2.1	156
551	551	1.9	131
575	575	1.4	125
603	603	1.4	152
626	626	2.1	162
626	626	2.1	162

URI, Inc.
5656 South Staples, Suite 250, L8b
Corpus Christi, Texas 78411

Uranium Assay

HOLE IDENTIFICATION

Client : URI, Inc.
Hole Number: bL34 pfn
Project : KVD
Bit Size : 5 5\8 Inches
Hole Fluid : Native Mud
Time/Date : Mon Mar 31 16:40:46 1997

PFN TOOLDATA

PFN Tool Serial No.: 2
Interval : 553 - 594
Slope : 8.117E+00
En/Tn at Zero Grade: 2.940E-03
Lbs to Percent Fact: 9.170E-01
Hole Size Factor : 9.490E-01
Grade Cutoffs: 0.010, 0.020, 0.030, 0.050
Barren Grade Correction in %u3o8: 0.000E+00

GAMMA TOOL DATA

Gamma ID : 1
K-Factor : 3.030E-05
Deadtime : 1.170E-05
Calibration Date : PFN CAL 10-17-96
Water Factor : 1.000E+00
Hole Size Factor : 1.000E+00

PFN URANIUM ASSAY %U3O8 | GROSS GAMMA EQUIVALENT %U3O8 | GROSS GAMMA (CPS) (DEADTIME CORRECTED)

```
!0.000                    0.250!0.000                    0.250!0                          400!
!                              !                              !                              !
!-------*-------*-------*-------*!-------*-------*-------*-------*!-------*-------*-------*-------*!
!                              !                              !X                             !
!                              !                              !XX                            !
!X                             !                              !XXX                           !
!XXX                           !                              !XXXX                          !
!                              !                              !XXXXXXXX                      !
!X                             !                              !XXXXXXXXXX                    !
!                              !                              !XXXXXX                        !
!                              !                              !XXXXXX                        !
!                              !                              !XXXXXX                        !
!X                             !                              !XXXXXX                        !
!                              !                              !XXXXX                         !
!X                             !                              !XXXXX                         !
!                              !                              !XXXXXXXXX                     !
!XXXXXXX                       !X                             !XXXXXXXXXXXXXXXXXXXX          !
!XXXXXXX                       !XX                            !XXXXXXXXXXXXXXXXXXXXXXXXXXX   !
!XXXXXX                        !XX                            !XXXXXXXXXXXXXXXXXXXXXXXXXXXX  !
!                              !XX                            !XXXXXXXXXXXXXXXXXXXXXXXXXXX   !
!                              !XX                            !XXXXXXXXXXXXXXXXXXXXXXXXXXXX  !
!X                             !XX                            !XXXXXXXXXXXXXXXXXXXXXXXXX     !
!                              !XX                            !XXXXXXXXXXXXXXXXXXXXXXXXXX    !
!                              !XX                            !XXXXXXXXXXXXXXXXXXXXXXXX      !
!XXX                           !X                             !XXXXXXXXXXXXXXXXX             !
!XXXXXXXXXXXXXXXXXXXXXX        !                              !XXXXXXXXXX                    !
!XXXXXXXXXXXXXXXXXX            !                              !XXXX                          !
!                              !                              !XXX                           !
!                              !                              !XXXX                          !
!XX                            !                              !XXXXXXX                       !
!XX                            !                              !XXXXXXX                       !
!                              !                              !XXXXXX                        !
!                              !                              !XXXXX                         !
!XXXXXXXXXXXXXXXXXXXXX         !                              !XXXX                          !
```

DEPTH (FEET)	PFN %U3O8 ASSAY	EQUIV. %U3O8 GROSS GAMMA	DEF
553	0.000	0.001	0.000
554	0.000	0.002	0.000
555	0.017	0.003	5.965
556	0.025	0.004	6.426
557	0.000	0.007	0.000
558	0.010	0.008	1.244
559	0.001	0.005	0.234
560	0.007	0.005	1.307
561	0.000	0.005	0.000
562	0.013	0.005	2.744
563	0.000	0.004	0.000
564	0.011	0.004	2.662
565	0.000	0.008	0.000
566	0.065	0.017	3.903
567	0.065	0.022	2.967
568	0.055	0.022	2.462
569	0.000	0.021	0.000
570	0.000	0.021	0.000
571	0.010	0.019	0.525
572	0.000	0.019	0.000
573	0.006	0.019	0.340
574	0.032	0.014	2.225
575	0.185	0.008	22.548
576	0.158	0.004	43.002
577	0.008	0.003	3.069
578	0.000	0.003	0.000
579	0.024	0.006	4.195
580	0.023	0.006	3.920
581	0.000	0.006	0.000
582	0.004	0.005	0.979
583	0.182	0.003	55.302

587	0.000	0.000	0.000
588	0.000	0.001	0.000
589	0.000	0.001	0.000
590	0.000	0.000	0.000
591	0.000	0.000	0.000
592	0.000	0.000	0.000
593	0.004	0.000	0.000

****

SUMMARY AT CUTOFF NUMBER 1 (0.010%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U3O8)	GRADE THICKNESS
555 - 557	2	0.021	0.042
558 - 559	1	0.010	0.010
562 - 563	1	0.013	0.013
564 - 565	1	0.011	0.011
566 - 569	3	0.062	0.185
574 - 577	3	0.125	0.375
579 - 581	2	0.024	0.047
583 - 586	3	0.123	0.368

Zone Total: 16 Feet of 0.066 Average Grade

SUMMARY AT CUTOFF NUMBER 2 (0.020%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U3O8)	GRADE THICKNESS
556 - 557	1	0.025	0.025
566 - 569	3	0.062	0.185
574 - 577	3	0.125	0.375
579 - 581	2	0.024	0.047
583 - 586	3	0.123	0.368

Zone Total: 12 Feet of 0.083 Average Grade

SUMMARY AT CUTOFF NUMBER 3 (0.030%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U3O8)	GRADE THICKNESS
566 - 569	3	0.062	0.185
574 - 577	3	0.125	0.375
583 - 586	3	0.123	0.368

Zone Total: 9 Feet of 0.103 Average Grade

SUMMARY AT CUTOFF NUMBER 4 (0.050%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U3O8)	GRADE THICKNESS
566 - 569	3	0.062	0.185
575 - 577	2	0.172	0.343
583 - 585	2	0.162	0.323

Zone Total: 7 Feet of 0.122 Average Grade

00891

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. ~~BS07~~ BL3-5

T.D. 610 LOCATION: Reggie

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 2-27-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
								Clay; tannish brn; Sox
10								
20								
30								Clay; lt bl gry; rd.
								Sd; lt gry; vf-f; mod srt; subrd; mod ⬧; mod K; rd.
40								Clay; lt bl gry; rd
50								
60								Sd; lt bl gry; vf-f; mod srt; sub rd; mod ⬧; mod K; rd.
								Clay; lt bl gry; rd.
70								
80								
90								
200								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

Sox

Rd

00900

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. 8501 SL 3-5

T.D. 66' LOCATION: Reggie

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 2-27-97. COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
200								Clay; lt bl gry; rd.
10								
20								
30								Sd; lt bl gry; vf-f; mod srt; sub rd; mod ϕ; mod K; rd.
40								Clay; lt bl gry; rd.
50								Sd; lt bl gry; vf-f; mod srt; sub rd; mod ϕ; mod K; rd.
60								Clay; lt bl gry; rd
70								Sd; lt gry; vf-f; mod srt; sub rd; mod ϕ; mod K; rd
80								Clay; lt bl gry; rd.
90								Sd; lt bl gry; vf-f; mod srt; sub rd; mod ϕ; mod K; rd.
400								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. 8501 BL 3-5

T.D. 610' LOCATION: Redgie

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 2-27-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
400								Clay; lt bl gry; rd
								Sd; lt gry; f-m; mod srt; sub rd; ex φ; ex K; rd.
10								Clay; lt bl gry; rd.
								↓
20								Clay; lt bl gry; rd.
30								
40								
50								
60								
70								
80								
90								
500								

Rd

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00902

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. 8501 BC 3-5

T.D. 610' LOCATION: Redgio

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 2-27-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
500								Clay; lt bl gry; rd.
10								
								Sd; lt bl gry; f-m; mod srt; sub rd; ex ϕ; ex K; rd.
20								
30								Clay; lt bl gry; rd.
40								
50								Sd; med gry; f-m; mod srt; sub rd; ex ϕ; ex K; rd
60								
70								
80								Sd; dusky yllw; f-m; mod srt; sub rd; ex ϕ; ex K; 2ox
90								Sd, med gry; f-m; mod srt; sub rd; ex ϕ; ex K; rd
600								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00903

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. 8501 BL 3-5

T.D. 610' LOCATION: Redgie

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 2-27-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Alteration % Reduction	Alteration % Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
600 ↑ 8 ↓								clay; lt bl gry; rd
10	TD							TD
20								
30								
40								
50								
60								
70								
80								
90								
00								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00904

RGS

BL 3-5

UPI, Inc
5656 South Staples, Suite 250, L88
Corpus Christi, Texas 78411

ORE GRADE CALCULATION

Hole Number : ~~2301~~ KLS-5
Date Logged : Feb 27, 1997
Tool ID / SN : 2075-1
K-Factor : 5.730E-06
Deadtime : 2.300E-06
Calibration Date: 6-27-96
Water Factor : 1.142
Casing Factor : 1.000

Depth	Raw Gamma	Corr. Gamma	Grade	Grade >= 0.010	Grade >= 0.020	Grade >= 0.030	Grade >= 0.050
535.0	39	39	0.001				
535.5	43	43	0.001				
536.0	48	48	0.001				
536.5	54	54	0.001				
537.0	55	55	0.001				
537.5	49	49	0.001				
538.0	50	50	0.001				
538.5	65	65	0.001				
539.0	70	70	0.001				
539.5	82	82	0.001				
540.0	110	110	0.001				
540.5	164	164	0.002				
541.0	212	212	0.003				
541.5	212	212	0.003				
542.0	201	201	0.003				
542.5	220	221	0.003				
543.0	209	209	0.003				
543.5	180	180	0.002				
544.0	172	172	0.002				
544.5	191	191	0.003				
545.0	208	208	0.003				
545.5	222	222	0.003				
546.0	262	262	0.003				
546.5	294	294	0.004				
547.0	298	298	0.004				
547.5	290	290	0.004				
548.0	267	267	0.004				
548.5	277	277	0.004				
549.0	291	291	0.004				
549.5	277	277	0.004				
550.0	266	266	0.003				
550.5	277	277	0.004				
551.0	287	287	0.004				
551.5	282	282	0.004				
552.0	281	281	0.004				
552.5	298	298	0.004				
553.0	315	315	0.004				
553.5	351	352	0.005				
554.0	505	505	0.007				
554.5	729	730	0.010				
555.0	1000	1002	0.013	0.013			
555.5	1237	1241	0.016	0.016			
556.0	1376	1380	0.018	0.018			
556.5	1428	1433	0.019	0.019			
557.0	1508	1513	0.020	0.020			
557.5	1583	1588	0.021	0.021	0.021		
558.0	1619	1625	0.021	0.021	0.021		
558.5	1693	1700	0.022	0.022	0.022		
559.0	1692	1699	0.022	0.022	0.022		
559.5	1656	1662	0.022	0.022	0.022		
560.0	2001	2011	0.026	0.026	0.026		
560.5	2521	2536	0.033	0.033	0.033	0.033	
561.0	2357	2370	0.031	0.031	0.031	0.031	
561.5	1668	1675	0.022	0.022	0.022		
562.0	1296	1300	0.017	0.017			
562.5	1250	1253	0.016	0.016			
563.0	1303	1307	0.017	0.017			
563.5	1382	1386	0.018	0.018			
564.0	1589	1595	0.021	0.021	0.021		
564.5	1828	1835	0.024	0.024	0.024		
565.0	1913	1921	0.025	0.025	0.025		
565.5	1853	1861	0.024	0.024	0.024		
566.0	1844	1852	0.024	0.024	0.024		
566.5	2065	2075	0.027	0.027	0.027		
567.0	2561	2576	0.034	0.034	0.034	0.034	
567.5	2875	2894	0.038	0.038	0.038	0.038	
568.0	2607	2623	0.034	0.034	0.034	0.034	
568.5	1973	1982	0.026	0.026	0.026		
569.0	1370	1375	0.018	0.018			
569.5	919	921	0.012	0.012			
570.0	655	656	0.009				
570.5	521	521	0.007				
571.0	460	461	0.006				
571.5	442	442	0.006				
572.0	468	468	0.006				
572.5	489	489	0.006				
573.0	457	457	0.006				
573.5	431	432	0.006				

574.5	448	449	0.006
575.0	440	441	0.006
575.5	442	442	0.006
576.0	440	441	0.006
576.5	443	444	0.006
577.0	449	449	0.006
577.5	434	434	0.006
578.0	413	413	0.005
578.5	410	411	0.005
579.0	404	404	0.005
579.5	402	403	0.005
580.0	379	380	0.005
580.5	325	325	0.004
581.0	305	305	0.004
581.5	325	325	0.004
582.0	373	373	0.005
582.5	392	393	0.005
583.0	393	393	0.005
583.5	398	398	0.005
584.0	404	404	0.005
584.5	402	402	0.005
585.0	422	423	0.006
585.5	421	421	0.006
586.0	411	412	0.005
586.5	384	385	0.005
587.0	317	317	0.004
587.5	258	258	0.003
588.0	211	211	0.003
588.5	168	168	0.002
589.0	127	127	0.002
589.5	102	102	0.001
590.0	91	91	0.001
590.5	80	80	0.001
591.0	64	64	0.001
591.5	51	51	0.001
592.0	52	52	0.001
592.5	49	49	0.001
593.0	46	46	0.001
593.5	45	45	0.001
594.0	42	42	0.001
594.5	50	50	0.001

CUTOFF NUMBER 1
NUMBER OF HALF FOOT INTERVALS = 30
AVERAGE GRADE = 0.023
GRADE-THICKNESS PRODUCT = 0.342

CUTOFF NUMBER 2
NUMBER OF HALF FOOT INTERVALS = 19
AVERAGE GRADE = 0.026
GRADE-THICKNESS PRODUCT = 0.249

CUTOFF NUMBER 3
NUMBER OF HALF FOOT INTERVALS = 5
AVERAGE GRADE = 0.034
GRADE-THICKNESS PRODUCT = 0.085

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********** END OF ZONE **********
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URI, Inc.
5656 South Staples, Suite 250, LBS
Corpus Christi, Texas 78411

Uranium Assay

HOLE IDENTIFICATION

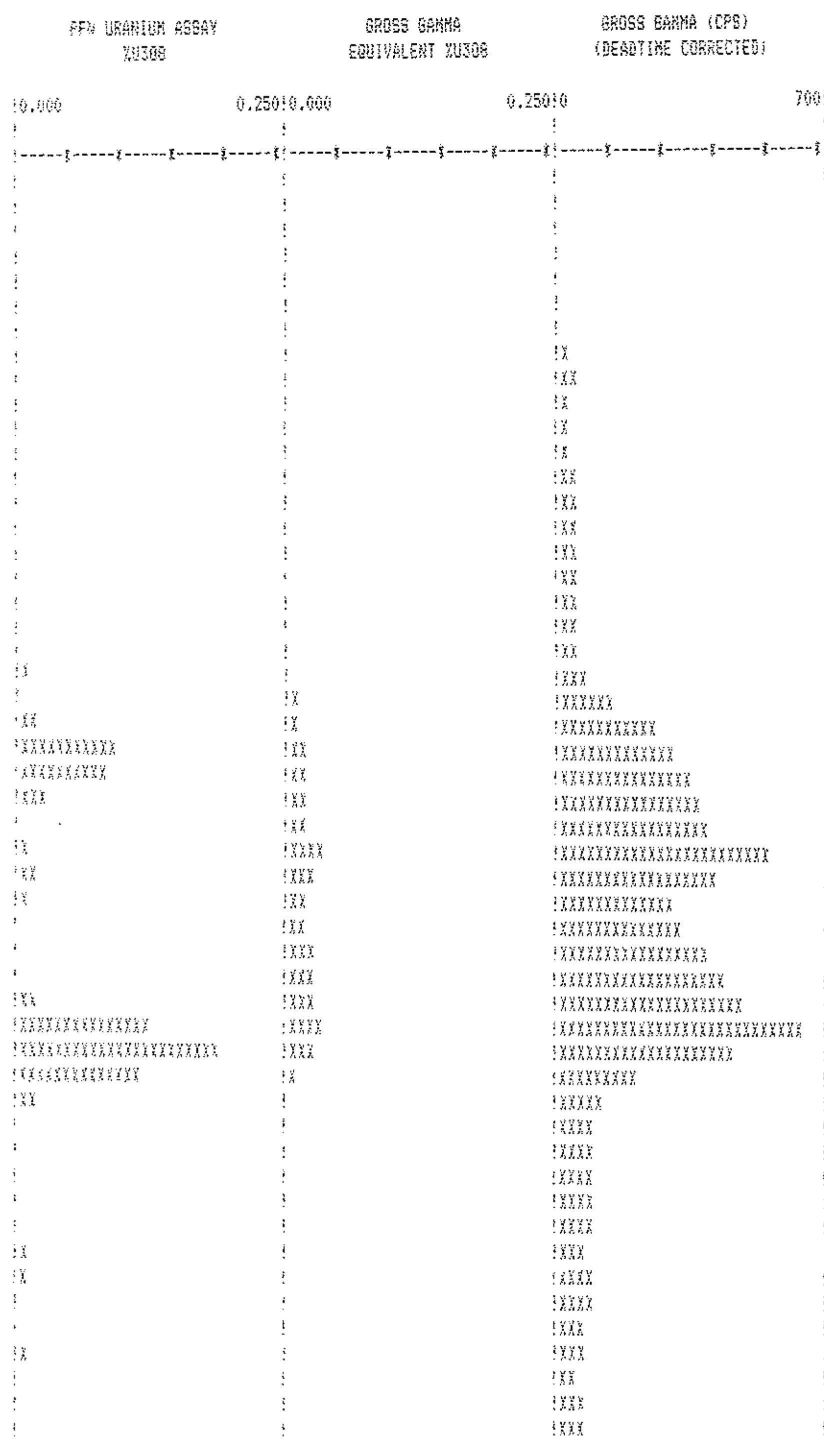
Client : URI
Hole Number: ~~3501 c/n~~ B23-S
Project : KVD
Bit Size : 5 5/8"
Hole Fluid : drlg.mud
Time/Date : Sat Mar 01 10:06:12 1997

PFN TOOLDATA

PFN Tool Serial No.: PFN-1
Interval : 540 - 591
Slope : 5.088E+00
En/Tn at Zero Grade: 3.940E-03
Lbs to Percent Fact: 9.170E-01
Hole Size Factor : 9.240E-01
Grade Cutoffs: 0.010, 0.020, 0.030, 0.050
Barren Grade Correction in %u3o8: 0.000E+00

GAMMA TOOL DATA

Gamma ID : PFN-1
K-Factor : 3.030E-05
Deadtime : 1.170E-05
Calibration Date : PFN CAL 02-10-97
Water Factor : 1.000E+00
Hole Size Factor : 1.000E+00



DEPTH (FEET)	PFN %U308 ASSAY	EQUIV. %U308 GROSS GAMMA	DEF
540	0.000	0.001	0.000
541	0.005	0.001	9.121
542	0.005	0.001	8.280
543	0.000	0.001	0.000
544	0.000	0.001	0.000
545	0.000	0.001	0.000
546	0.003	0.001	2.492
547	0.001	0.002	0.462
548	0.000	0.003	0.000
549	0.000	0.003	0.000
550	0.000	0.002	0.000
551	0.000	0.003	0.000
552	0.000	0.003	0.046
553	0.002	0.004	0.419
554	0.002	0.004	0.454
555	0.000	0.004	0.000
556	0.000	0.004	0.000
557	0.000	0.004	0.000
558	0.002	0.004	0.523
559	0.003	0.004	0.838
560	0.013	0.005	2.556
561	0.000	0.010	0.000
562	0.023	0.016	1.393
563	0.097	0.020	4.909
564	0.092	0.022	4.204
565	0.029	0.023	1.259
566	0.000	0.025	0.000
567	0.011	0.035	0.314
568	0.023	0.026	0.872
569	0.009	0.018	0.514
570	0.007	0.020	0.337
571	0.005	0.025	0.198
572	0.007	0.027	0.254
573	0.017	0.030	0.571
574	0.132	0.040	3.275
575	0.195	0.029	6.806
576	0.119	0.013	8.830
577	0.020	0.007	2.767
578	0.002	0.006	0.399
579	0.000	0.007	0.000
580	0.000	0.006	0.000
581	0.003	0.006	0.440
582	0.000	0.006	0.000
583	0.016	0.006	2.923
584	0.009	0.006	1.609
585	0.007	0.006	1.202
586	0.006	0.006	1.149
587	0.010	0.005	1.915
588	0.008	0.004	1.828
589	0.001	0.005	0.208
590	0.005	0.005	0.892

SUMMARY AT CUTOFF NUMBER 1 (0.010%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U308)	GRADE THICKNESS
560 - 561	1	0.013	0.013
562 - 566	4	0.060	0.240
567 - 569	2	0.017	0.034
573 - 578	5	0.097	0.484
583 - 584	1	0.016	0.016

Zone Total: 13 Feet of 0.061 Average Grade

SUMMARY AT CUTOFF NUMBER 2 (0.020%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U308)	GRADE THICKNESS

00894

```
!                         !XXX                      !XXXXXXXXXXXXXXXXXXX        !     572    0.007    0.027  0.254
!XX                       !XXX                      !XXXXXXXXXXXXXXXXXXXXX      !     573    0.017    0.030  0.571
!XXXXXXXXXXXXXXX          !XXXX                     !XXXXXXXXXXXXXXXXXXXXXXXXXX !     574    0.132    0.040  3.275
!XXXXXXXXXXXXXXXXXXXXXXX  !XXX                      !XXXXXXXXXXXXXXXXXXXXXX    !     575    0.195    0.029  6.806
!XXXXXXXXXXXXXX           !X                        !XXXXXXXXX                 !     576    0.119    0.013  8.830
!XX                       !                         !XXXXX                     !     577    0.020    0.007  2.767
!                         !                         !XXXX                      !     578    0.002    0.006  0.399
!                         !                         !XXXX                      !     579    0.000    0.007  0.000
!                         !                         !XXXX                      !     580    0.000    0.006  0.000
!                         !                         !XXXX                      !     581    0.003    0.006  0.440
!                         !                         !XXXX                      !     582    0.000    0.006  0.000
!X                        !                         !XXX                       !     583    0.016    0.006  2.923
!X                        !                         !XXXX                      !     584    0.009    0.006  1.609
!                         !                         !XXXX                      !     585    0.007    0.006  1.202
!                         !                         !XXX                       !     586    0.006    0.006  1.149
!X                        !                         !XXX                       !     587    0.010    0.005  1.915
!                         !                         !XX                        !     588    0.008    0.004  1.828
!                         !                         !XXX                       !     589    0.001    0.005  0.208
!                         !                         !XXX                       !     590    0.005    0.005  0.892
!-----!-----!-----!-----!-----!!-----!-----!-----!-----!-----!!-----!-----!-----!-----!-----!!
```

```
*****************************************************************************************************************************************
```

SUMMARY AT CUTOFF NUMBER 1 (0.010%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U3O8)	GRADE THICKNESS
560 - 561	1	0.013	0.013
562 - 566	4	0.060	0.240
567 - 569	2	0.017	0.034
573 - 578	5	0.097	0.484
583 - 584	1	0.016	0.016

Zone Total: 13 Feet of 0.061 Average Grade

SUMMARY AT CUTOFF NUMBER 2 (0.020%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U3O8)	GRADE THICKNESS
562 - 566	4	0.060	0.240
568 - 569	1	0.023	0.023
574 - 578	4	0.117	0.466

Zone Total: 9 Feet of 0.081 Average Grade

SUMMARY AT CUTOFF NUMBER 3 (0.030%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U3O8)	GRADE THICKNESS
563 - 565	2	0.094	0.188
574 - 577	3	0.149	0.446

Zone Total: 5 Feet of 0.127 Average Grade

SUMMARY AT CUTOFF NUMBER 4 (0.050%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U3O8)	GRADE THICKNESS
563 - 565	2	0.094	0.188
574 - 577	3	0.149	0.446

Zone Total: 5 Feet of 0.127 Average Grade

HOLE NUMBER

URI
BL3\6

KLEBERG COUNTY TEXAS

SEC: --- TWN: --- RNG: ---

KVD

TD DRILLED	– 720.0'	ELEVATION	– μ
TD LOGGED	– 719.2'	CASING TYPE	– NONE
LOGGING SPEED	– 60'/MIN.	HOLE FLUID	– H2O
REFERENCE	– SURFACE	DRILLER	– AMADOR
BIT SIZE	– 5 5/8"		

REMARKS:

URI
Corpus Christi, Texas
Telephone 512–279–3342

TALBOTT – UNIT: L–4
03–25–97 – 1630 HRS.

TOOL MODEL/SER. NO.: 2025–3

NATURAL GAMMA

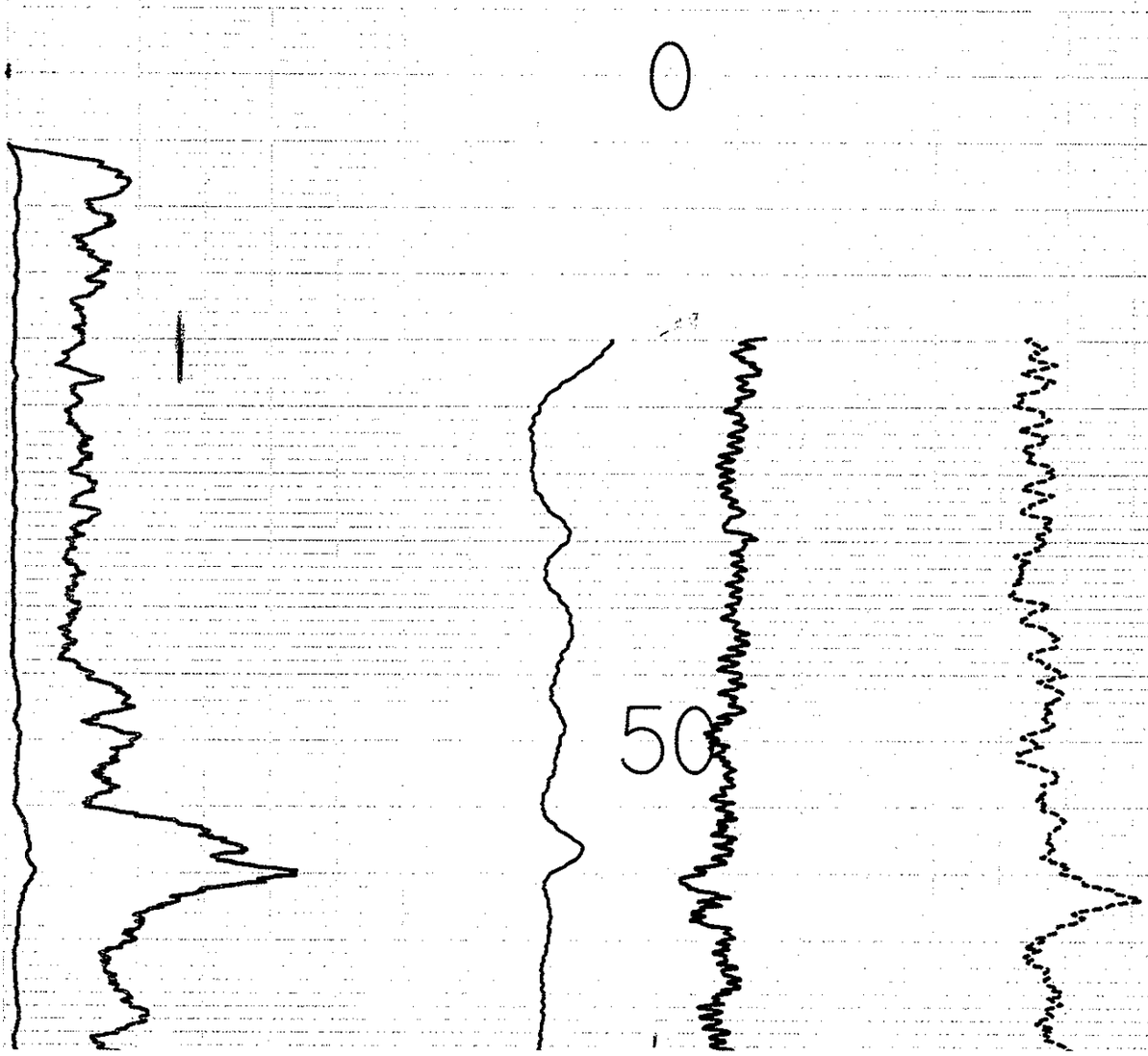
DETECTOR	– .875 X 4.0 NaI(T)
K–FACTOR	– .00000596
DEADTIME	– .000000233
TEST PIT	– G.W.
LAST CAL.	– 6–27–96
WATER FACTOR	– 1.142
CASING FACTOR	–

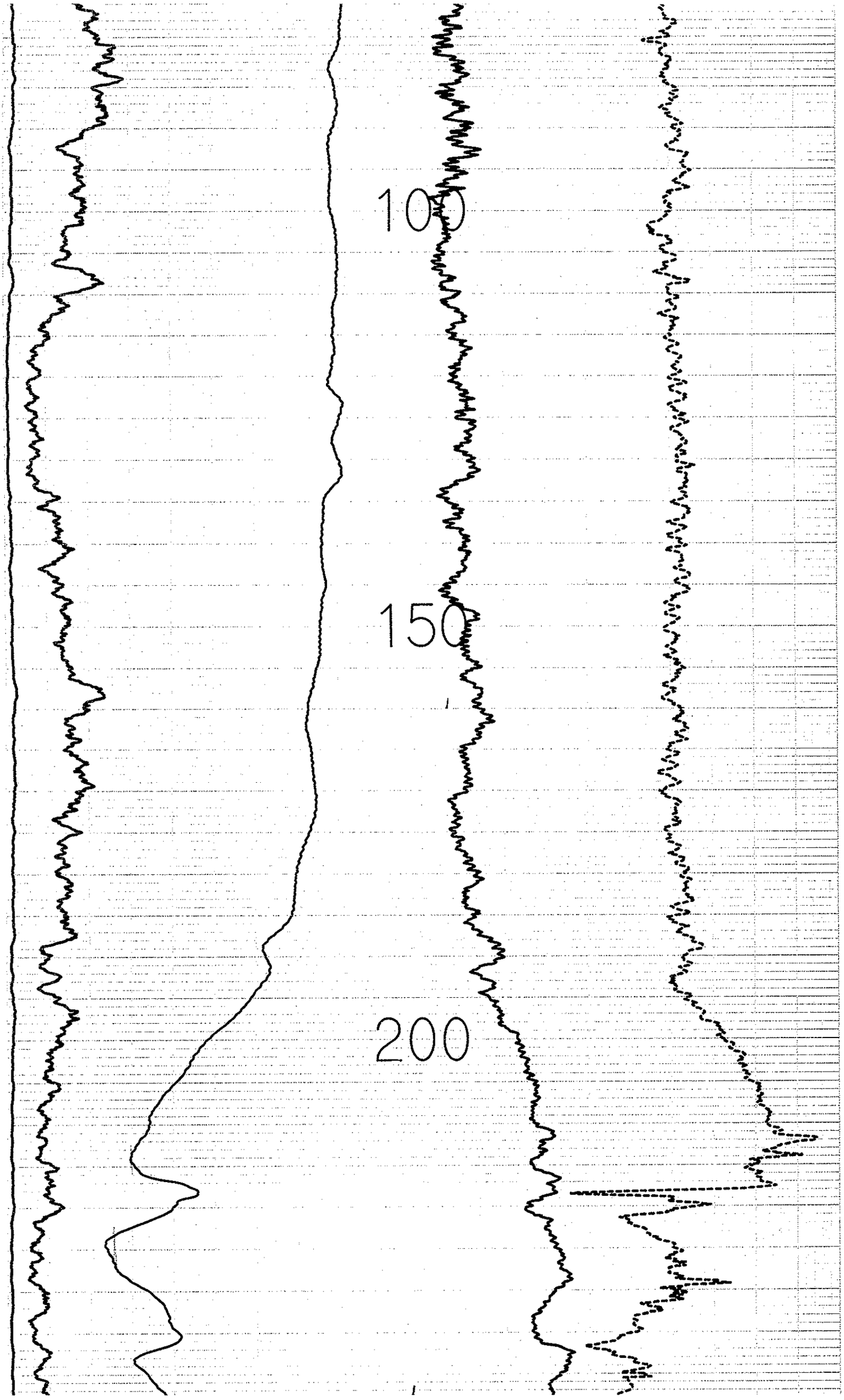
NEUTRON

DETECTOR	– 1 X 6 INCH HE3
SOURCE	– 1.5 Ci AmBe
SPACING	– 14 Inches

ELECTRIC LOGS

SINGLE POINT RESISTANCE
SP/16 INCH NORMAL
64 INCH NORMAL

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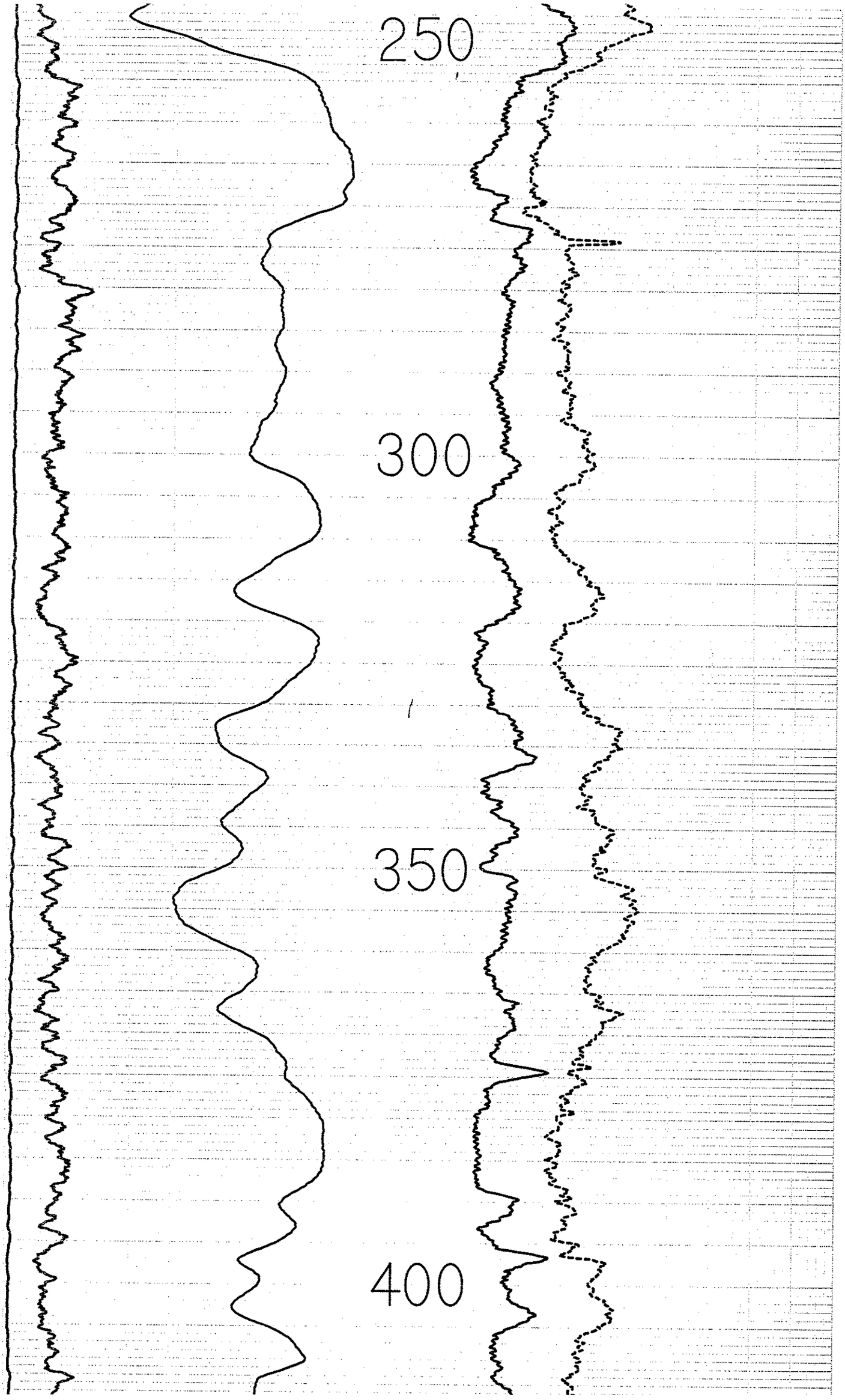
150
200



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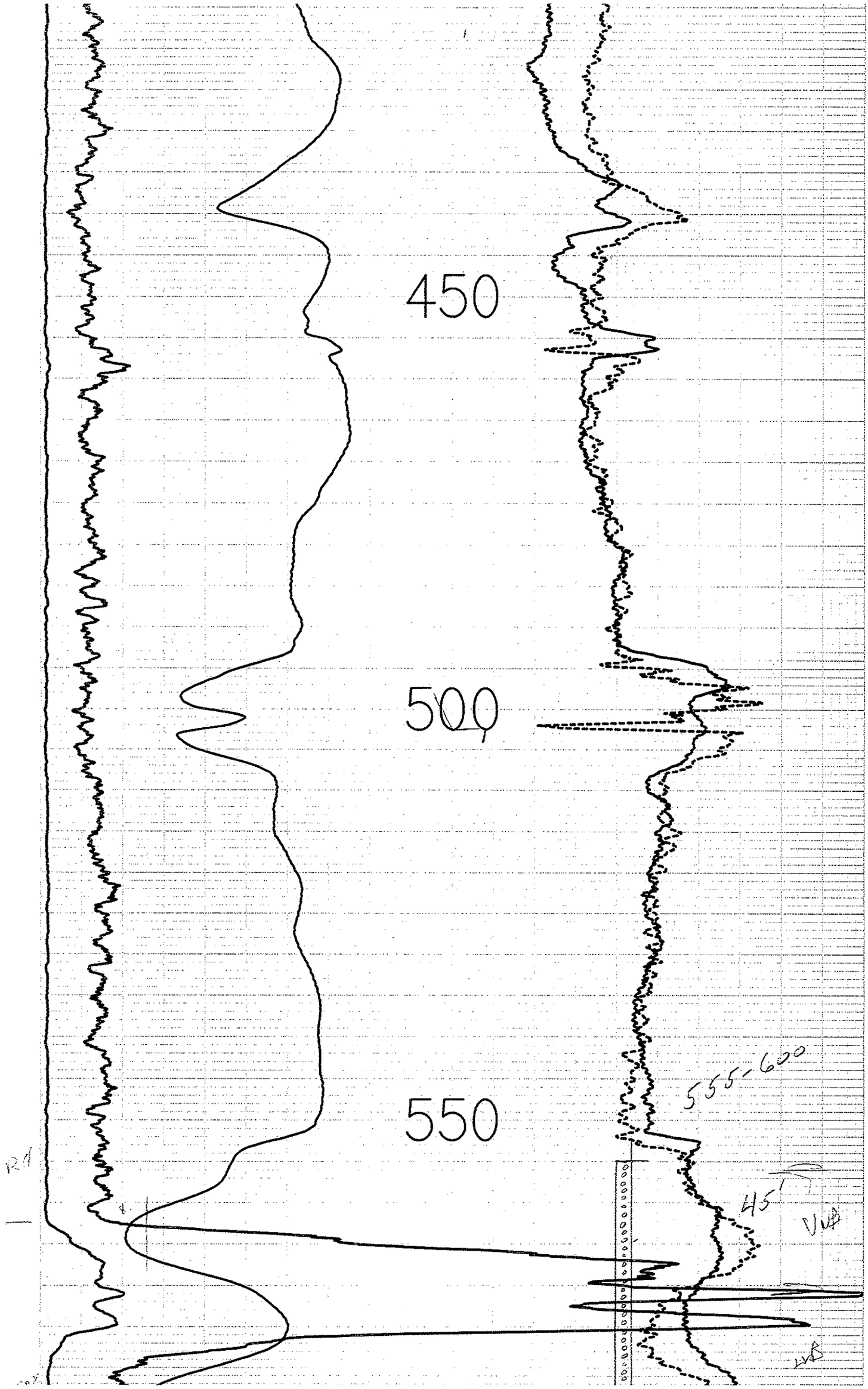
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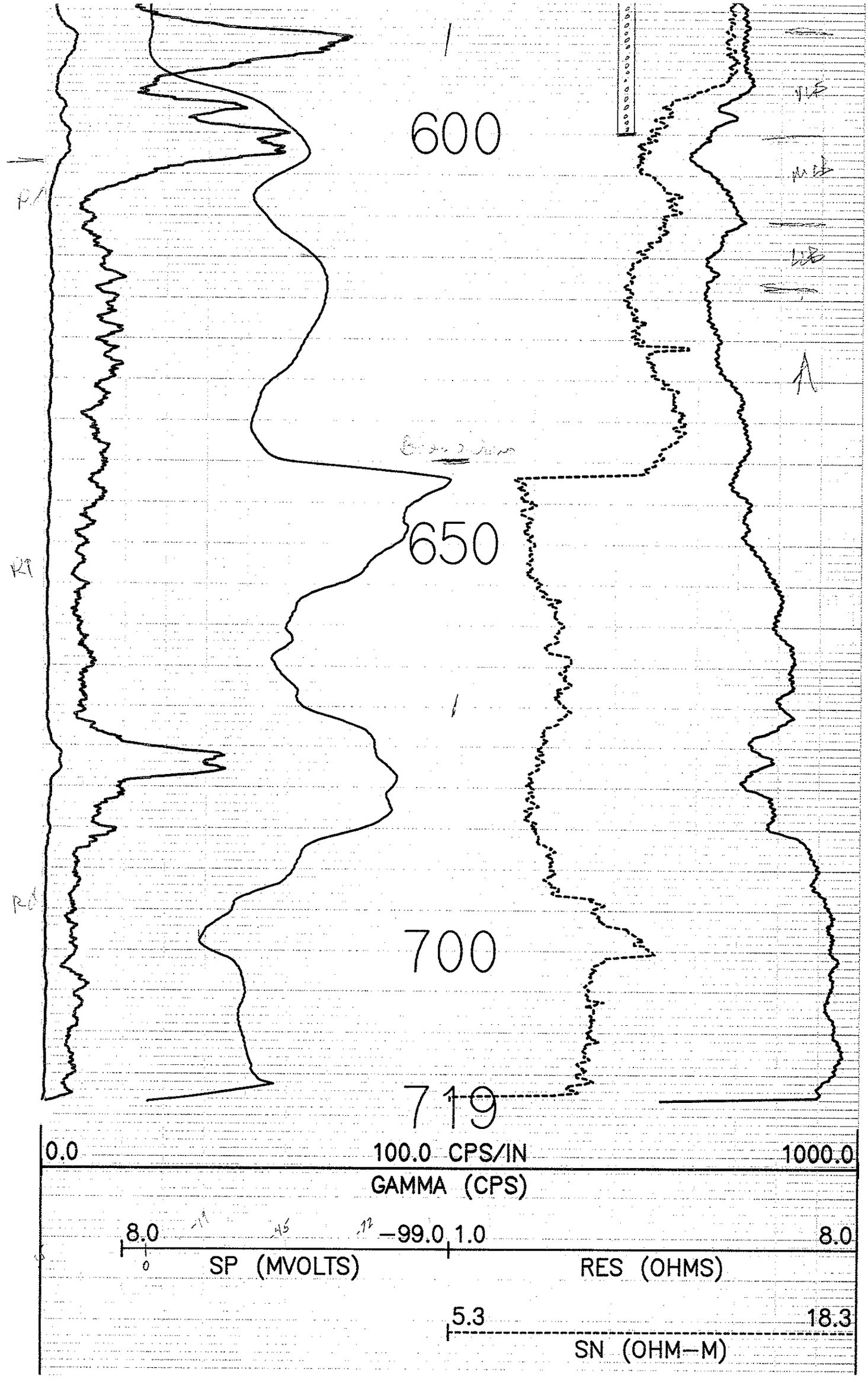
500
550
555-600
45'
VWB
WB


600
650
700
719
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
8.0
-99.0
1.0
8.0
SP (MVOLTS)
RES (OHMS)
5.3
18.3
SN (OHM-M)

00867

SN (OHM-M)

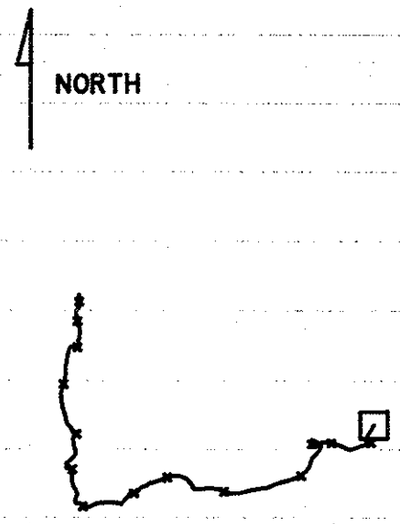
0.0 1000.0 CPS/IN 10000.0

GAMMA HI

HOLE: BL3\6
DATE: Tue Mar 25 16:35:23 1997

DEVIATION SURVEY

HOLE: BL3\6
DATE: MAR 25, 1997
TRUE DEPTH : 719.1
DEVIATION : 4.7
BEARING : 293.6
SCALE FT/IN: 2.0



8506 BL 3-6

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL3/6

T.D. 720' LOCATION: Amador

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 3-25-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
								Clay; tannish brn; Sox.
10								
20								Clay; lt blgry; rd.
								Sd; lt gry; vf-f; mod srt; sub rd; mod ϕ; mod K; rd.
30								Clay; lt blgry; rd.
40								
50								
60								Sd; lt gry; vf-f; mod srt; sub rd; mod ϕ; mod K; rd.
70								Clay; dk blgry; rd.
80								
90								
200								Sd; lt gry; vf-f; mod srt; sub rd; mod ϕ; mod K; rd.

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

SOX

BR

00857

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL3 /6

T.D. 720' LOCATION: Arnoor.

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 3-26-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
200								Clay; dk bl gry; rd.
10								Sd; lt gry; vf-f; mod srt; sub rd; mod ⌀; mod K; rd.
20								
30								Clay; lt bl gry; rd.
40								Sd; lt gry; vf-f; mod srt; sub rd; mod ⌀; mod K; rd.
50								Clay; lt bl gry; rd
60								Sd; lt gry; vf-f; mod srt; sub rd; mod ⌀; mod K; rd.
70								Clay; lt bl gry; rd
80								Sd; lt gry; vf-f; mod srt; sub rd; mod ⌀; mod K; rd.
90								Clay; lt bl gry; rd
400								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00858

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL 3/6

T.D. 720' LOCATION: Amador

BIT SIZE 5 9/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 7-25-90 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
400								Sd; lt gry; vf-f; rnd crt; subrnd; rnd φ; rnd K; rd.
10								Clay; lt bl gry; rd.
20								
30								
40								
50								
60								
70								
80								
90								
00								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00859

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. OL 3/6

T.D. 720' LOCATION: Amador

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 3-25-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
								Clay; lt bl gry; id.
10								
20								
30								
40								
50								
								Sd; med gry; f-m; mod srt; subrd; ex Φ; ex K; id.
60								Sd; dusky yellow; f-m; mod srt; subrd; ex Φ; ex K; id.
70								
								Clay; lt bl gry; id
80								Sd; dusky yellow; f-m; mod srt; subrd; ex Φ; ex K; id.
90								
100								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

SOX
Rd
POX
Rd
Rdt

00860

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL-316

T.D. 720' LOCATION: Amador

BIT SIZE 5 5/8"

SAMPLE LOG BY MN LEASE: (PROJECT) KYD

DATE 3-25-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
600								Clay; lt bl gry; sd.
10								
20								
30								
40								
45								Sd; med gry; f-m; mod srt; sub rd; ex φ; ex K; sd.
50								
60								Sd; dk gry; f-m; mod srt; sub rd; ex φ; ex K; sd.
70								
80								Clay. lt bl gry; sd
90								Sd; med gry; f-m; mod srt; sub rd; ex φ; ex K; sd
100								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00861

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL3/6

T.D. 720' LOCATION: Amarillo

BIT SIZE 5 5/8

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

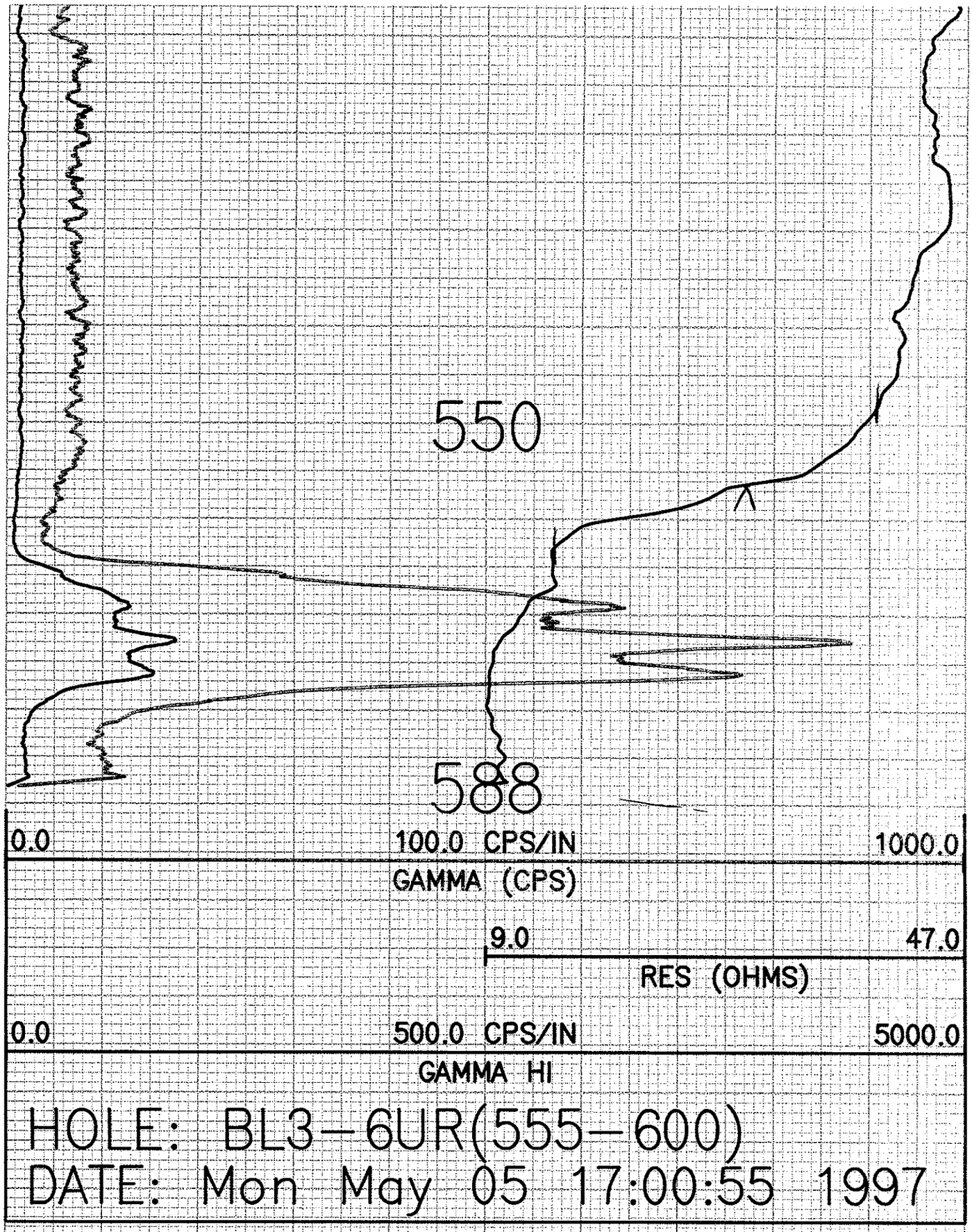
DATE 3-05-90 COUNTY Kleberg STATE TX

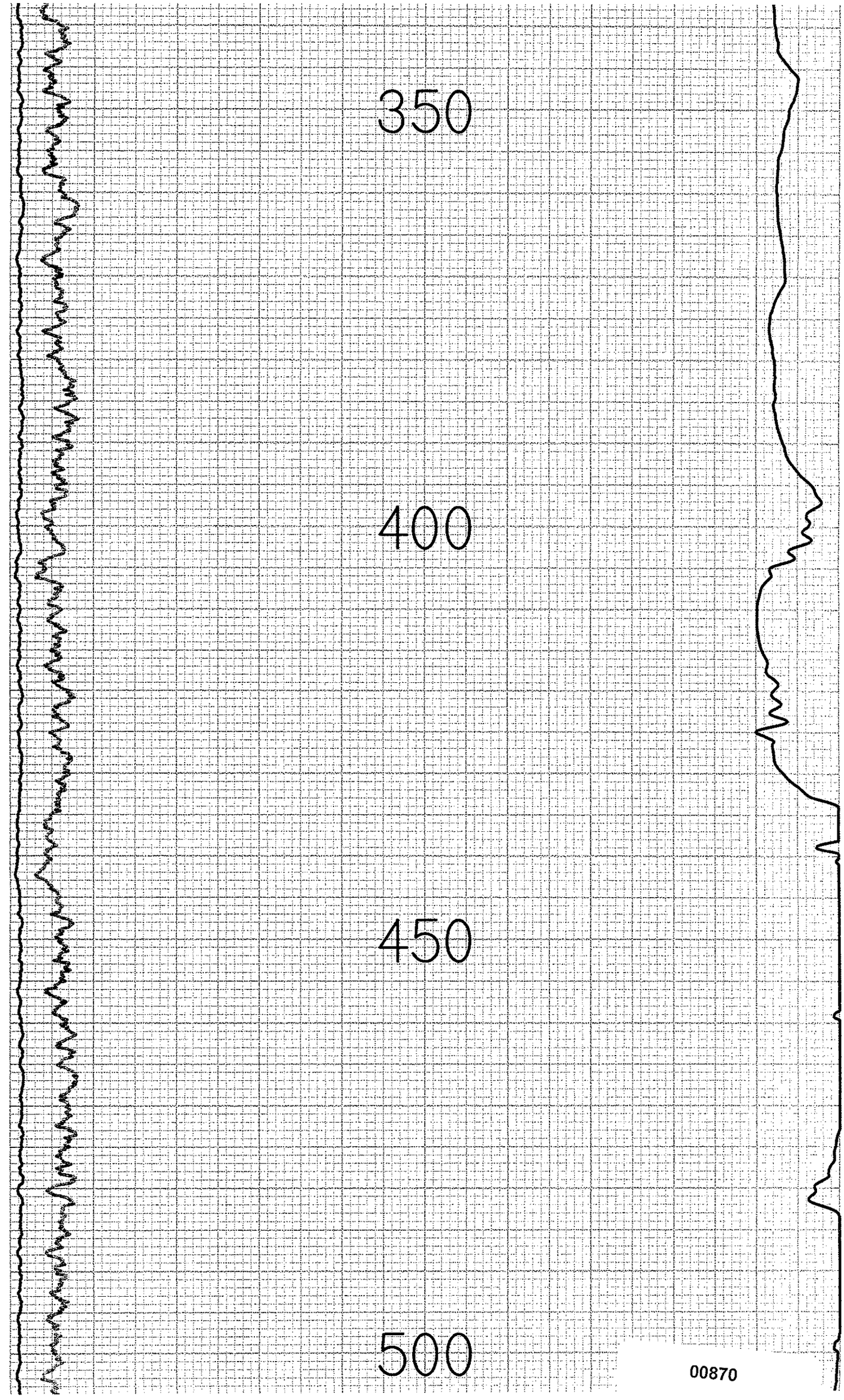
DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
								Clay, lt bl gry, sd.
								Sd, med gry, f-m, r coarse, s/r bnd, ex qtz, ex kln, sd.
10								Clay, lt bl gry, sd.
20	TD							TD
30								
40								
50								
60								
70								
80								
90								
00								

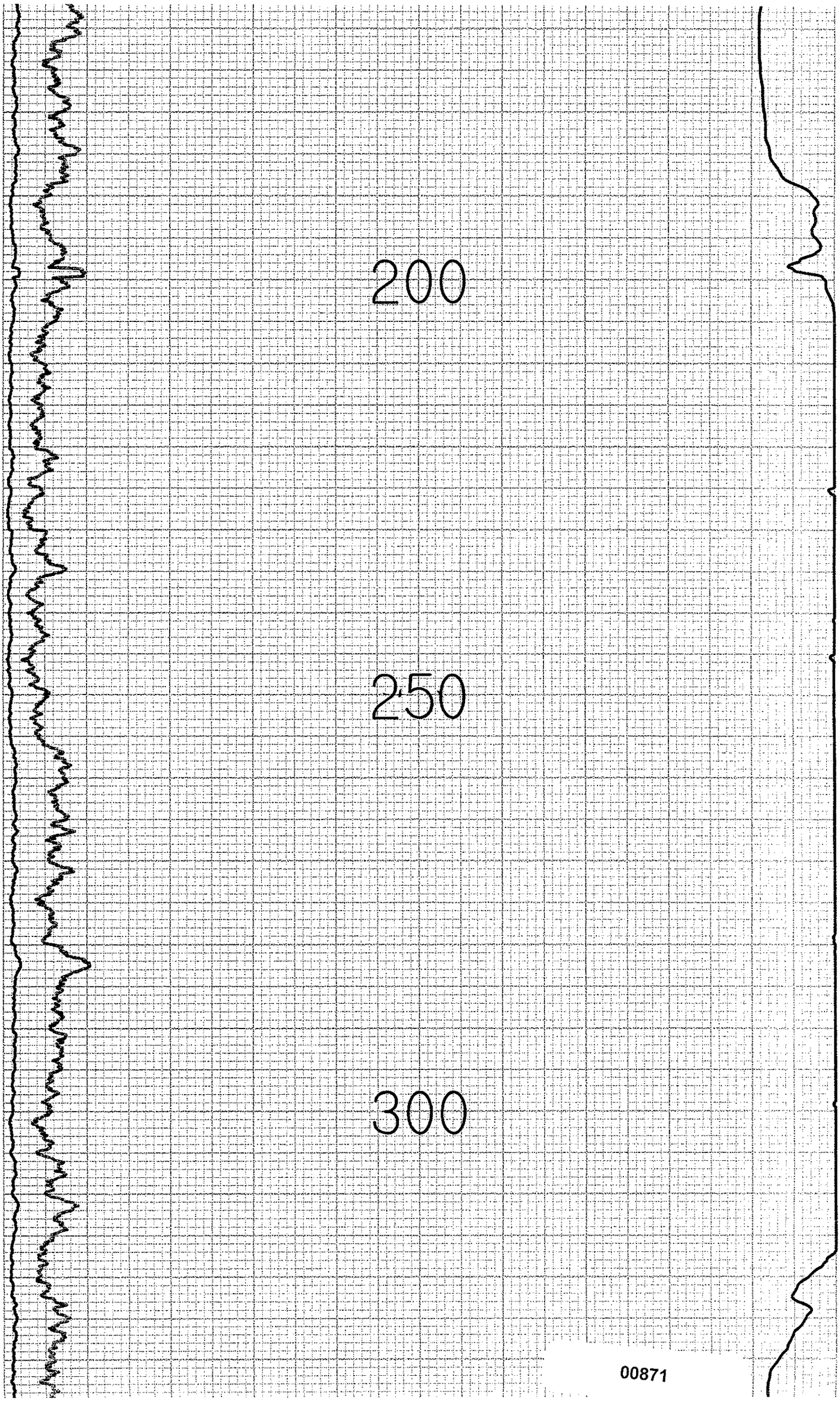
L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00862


550
588
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
9.0
47.0
RES (OHMS)
0.0
500.0 CPS/IN
5000.0
GAMMA HI
HOLE: BL3-6UR(555-600)
DATE: Mon May 05 17:00:55 1997


350
400
450
500
00870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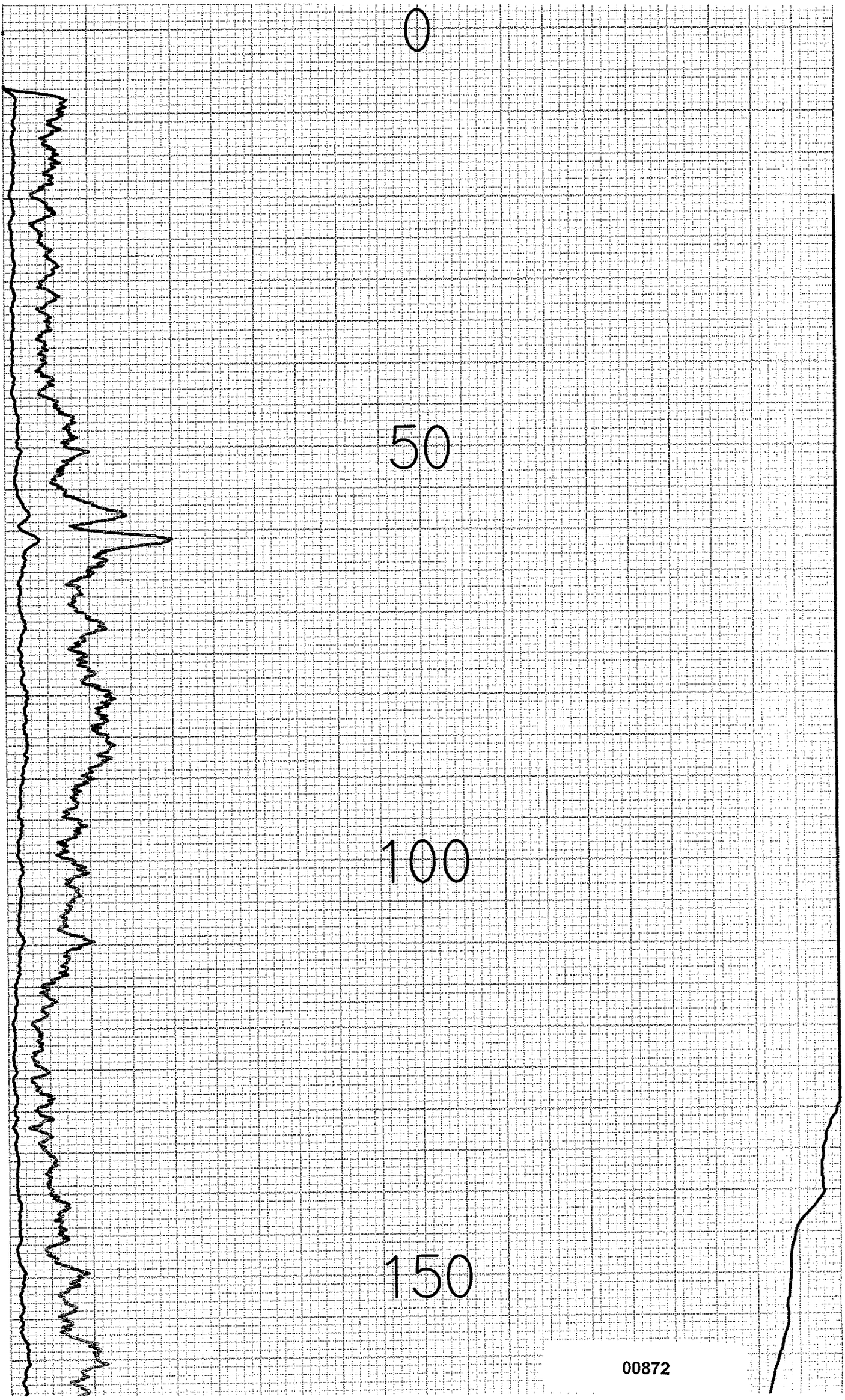
250
300
00871



00872

2750 BL3-7

URI

HOLE NUMBER 2750/BL3-7

KLEBERG COUNTY TEXAS

SEC: --- TWN: --- RNG: ---

KVD

TD DRILLED	– 720.0'	ELEVATION	– μ
TD LOGGED	– 719.5'	CASING TYPE	– NONE
LOGGING SPEED	– 60'/MIN.	HOLE FLUID	– H2O
REFERENCE	– SURFACE	DRILLER	– AMADOR
BIT SIZE	– 5 5/8"		

REMARKS:

URI

Corpus Christi, Texas

Telephone 512–279–3342

TALBOTT – UNIT: L–4

02–13–97 – 1630 HRS.

TOOL MODEL/SER. NO.: 2025–1

NATURAL GAMMA

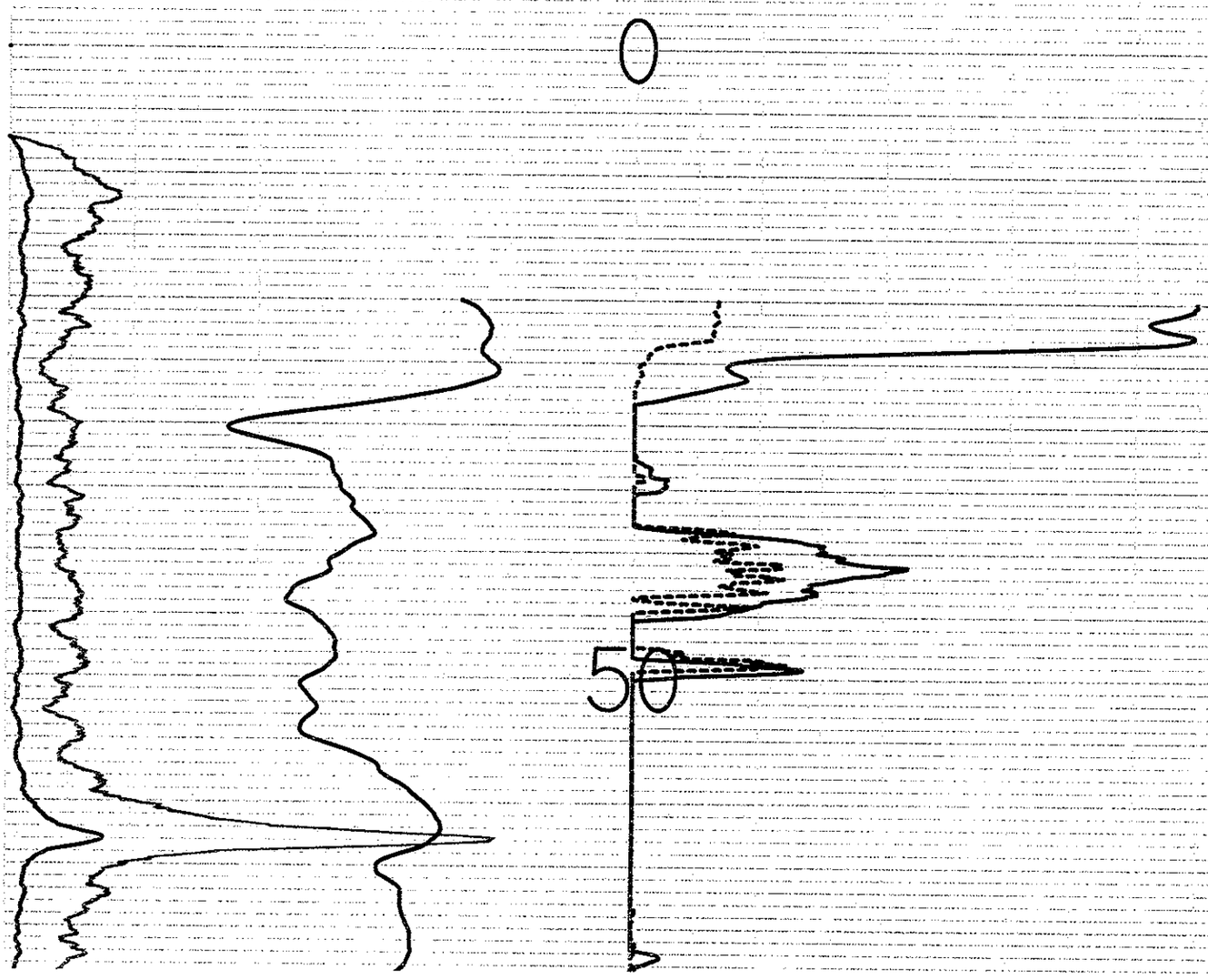
DETECTOR – .875 X 4.0 NaI(T)
K–FACTOR – .00000573
DEADTIME – .00000023
TEST PIT – G.W.
LAST CAL. – 6–27–96
WATER FACTOR – 1.142
CASING FACTOR–

NEUTRON

DETECTOR – 1 X 6 INCH HE3
SOURCE – 1.5 Ci AmBe
SPACING – 14 Inches

ELECTRIC LOGS

SINGLE POINT RESISTANCE
SP/16 INCH NORMAL
64 INCH NORMAL



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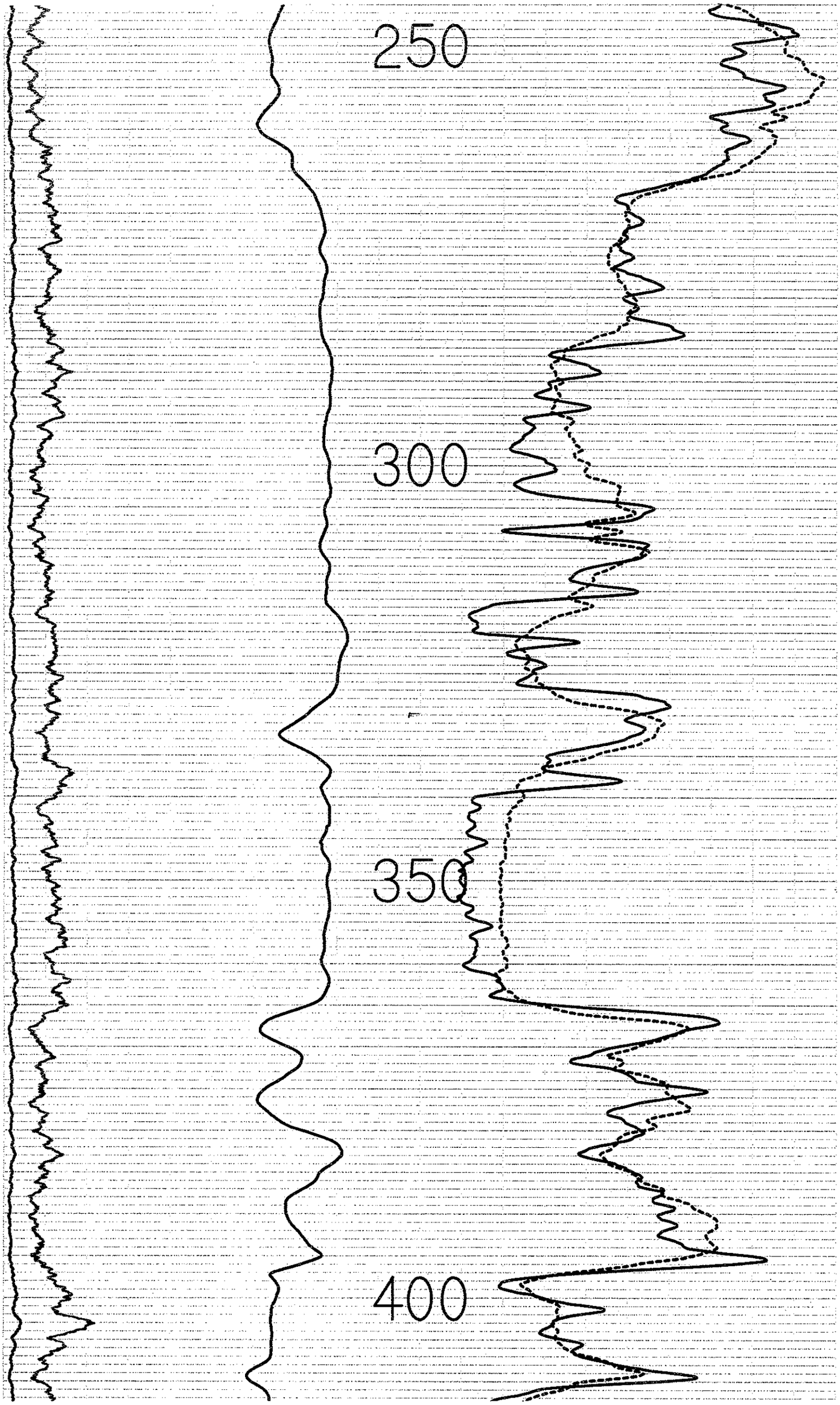
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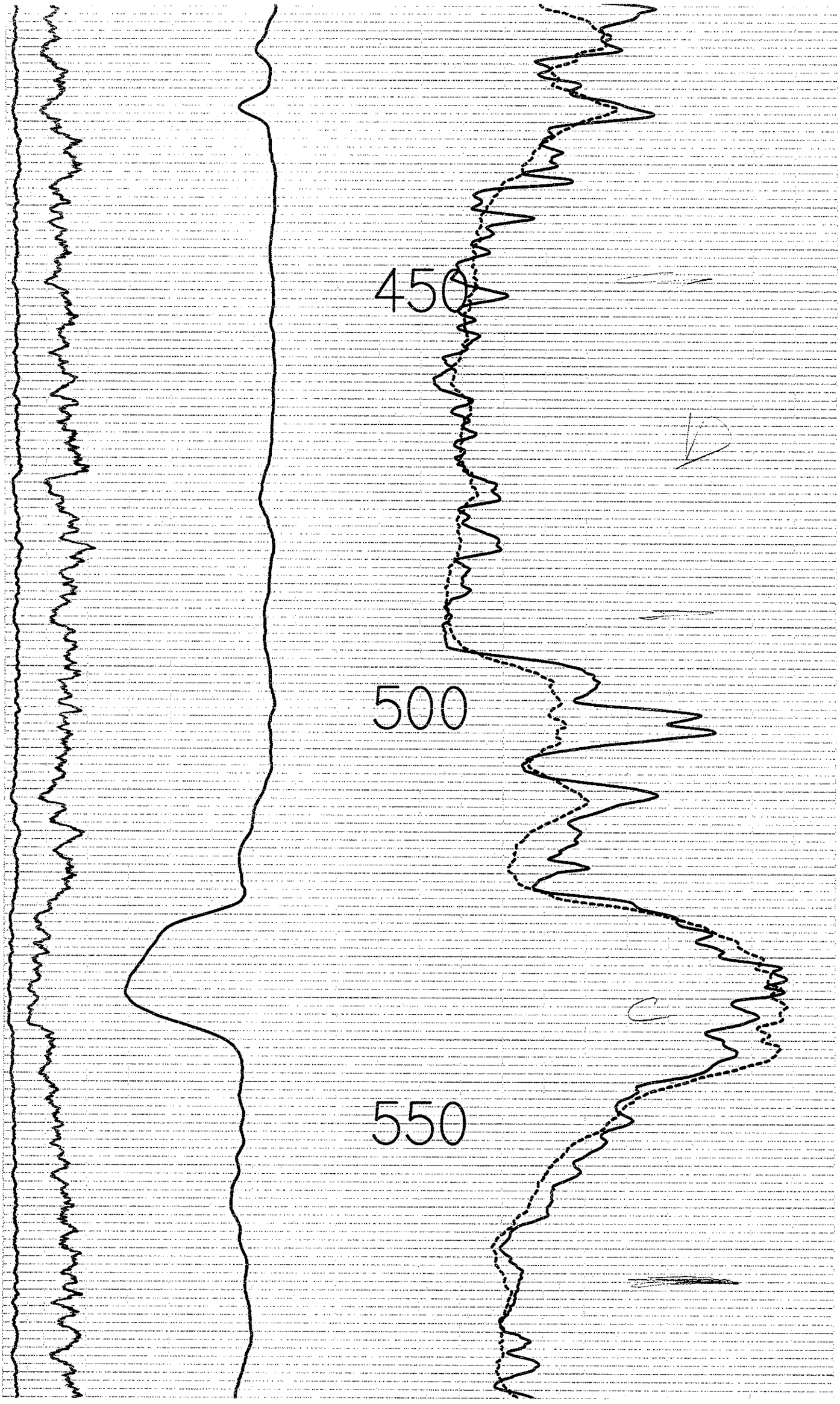
300
350
400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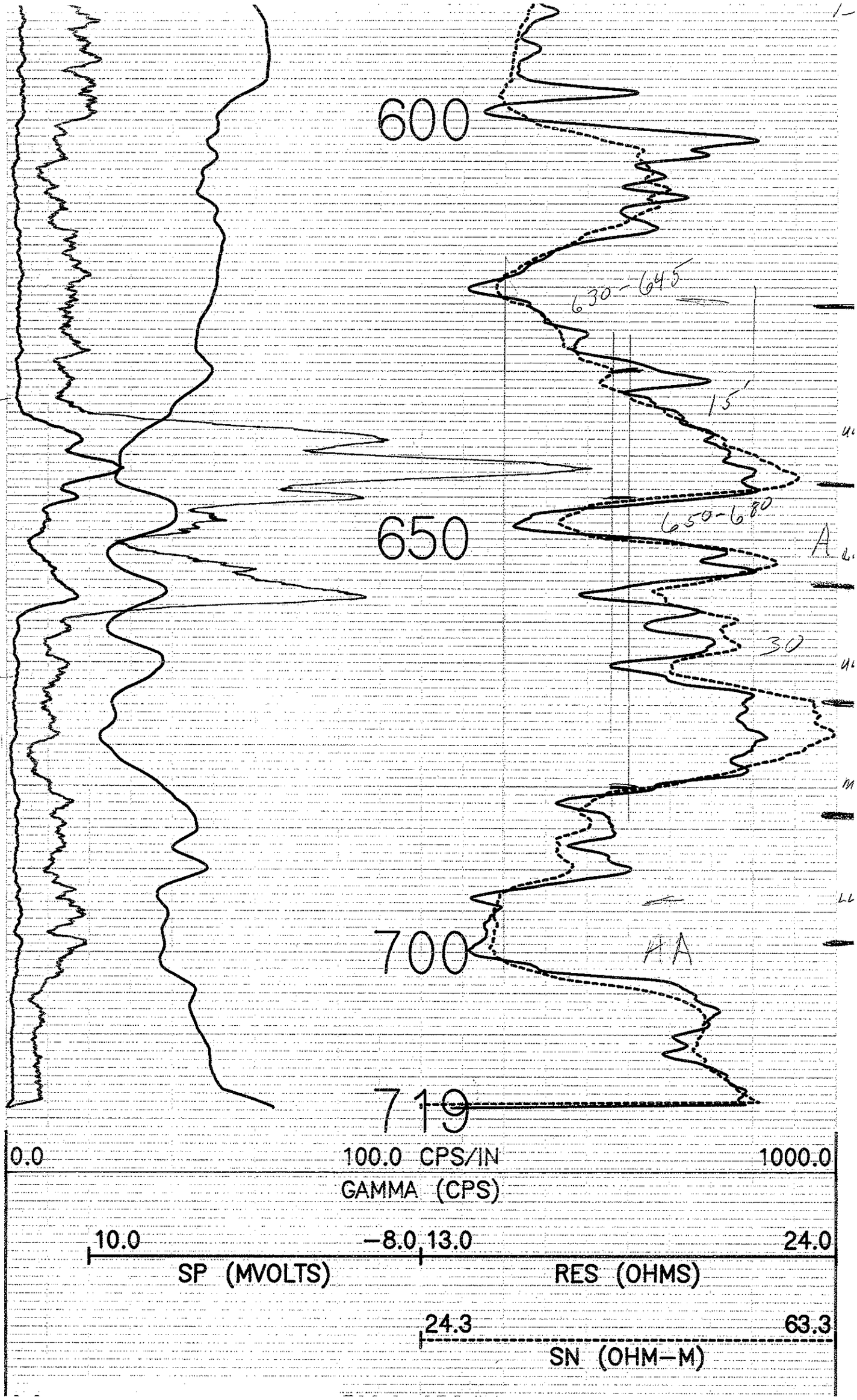
500
550


600
650
700
719
630-645
15'
650-680
A
30
AA
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
10.0
-8.0
13.0
24.0
SP (MVOLTS)
RES (OHMS)
24.3
63.3
SN (OHM-M)

00850

24.3 63.3

SN (OHM-M)

0.0 500.0 CPS/IN 5000.0

GAMMA HI

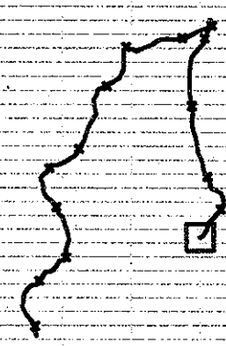
HOLE: 2750 / BL3-7

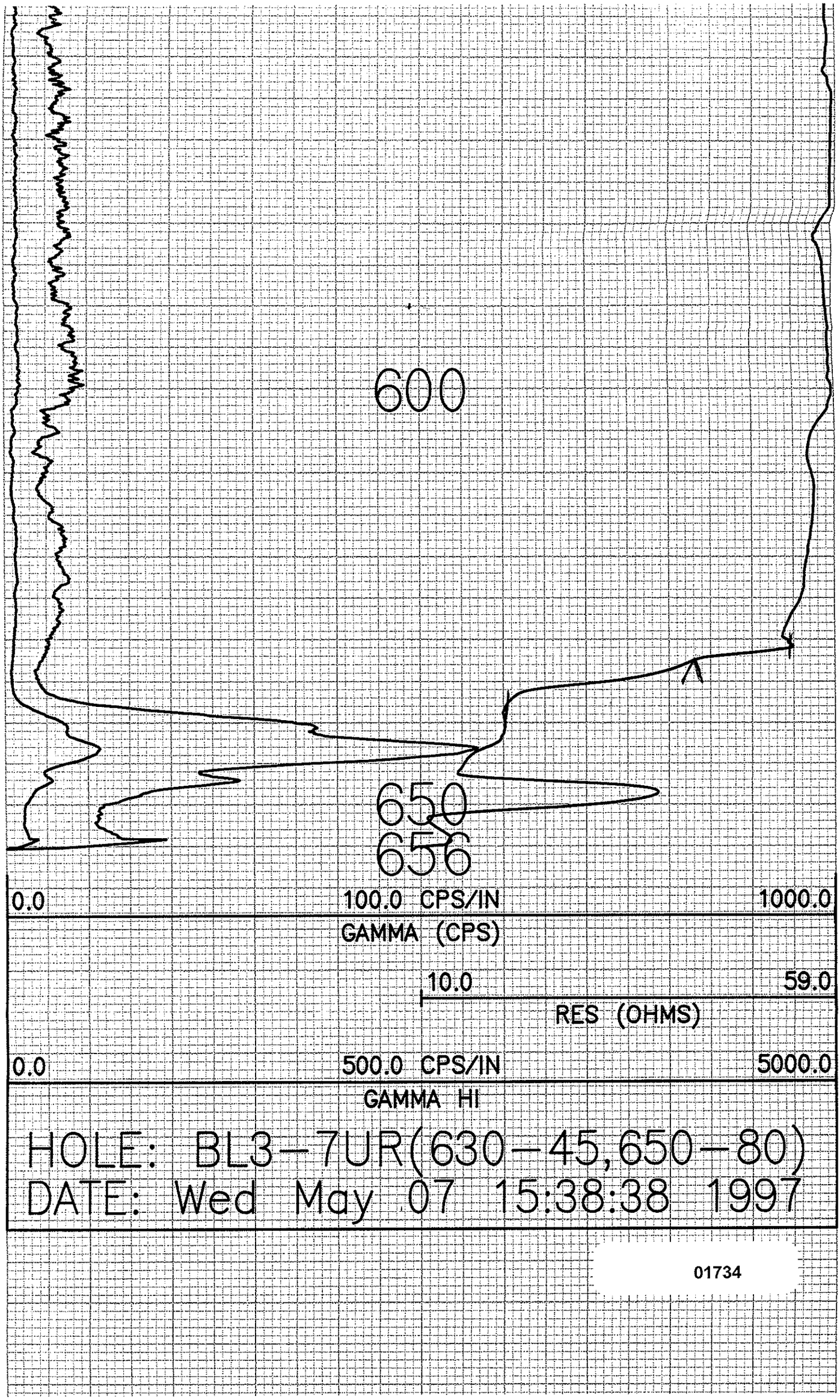
DATE: Thu Feb 13 16:23:59 1997

DEVIATION SURVEY

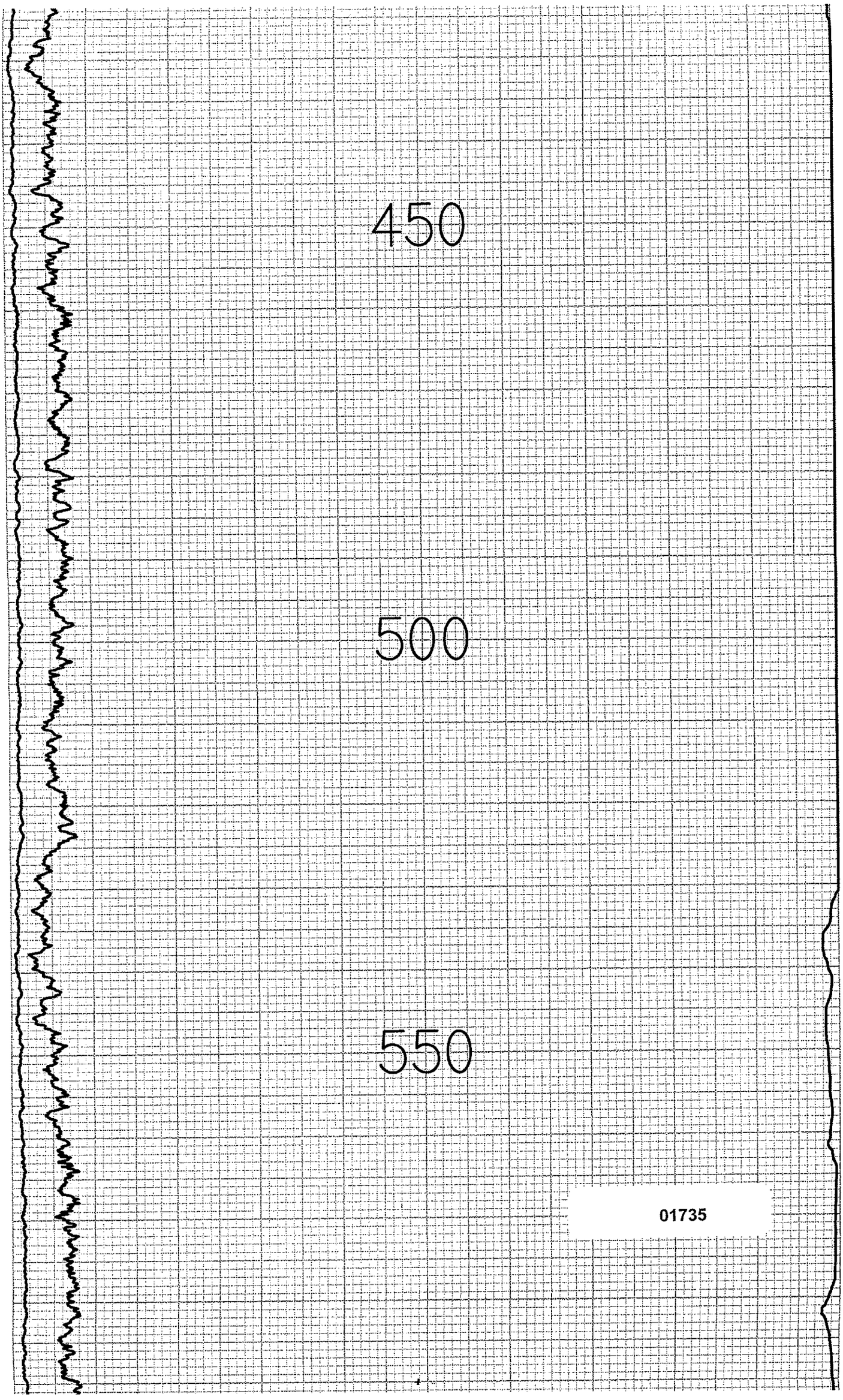
HOLE: 2750
DATE: FEB 13, 1997
TRUE DEPTH : 719.4
DEVIATION : 2.8
BEARING : 239.0
SCALE FT/IN: 2.0

NORTH




600
650
656
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
10.0
59.0
RES (OHMS)
0.0
500.0 CPS/IN
5000.0
GAMMA HI
HOLE: BL3-7UR(630-45,650-80)
DATE: Wed May 07 15:38:38 1997

01734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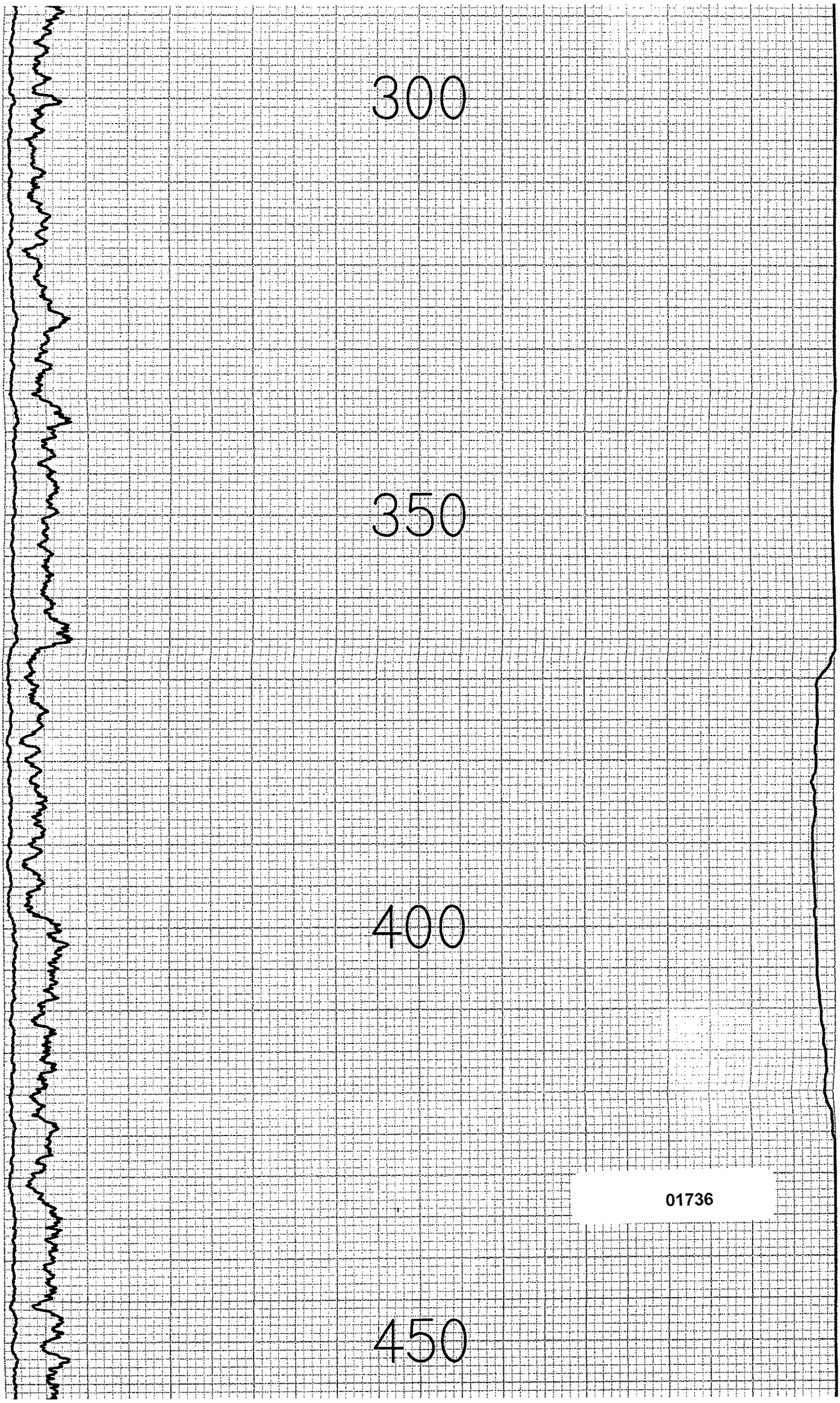
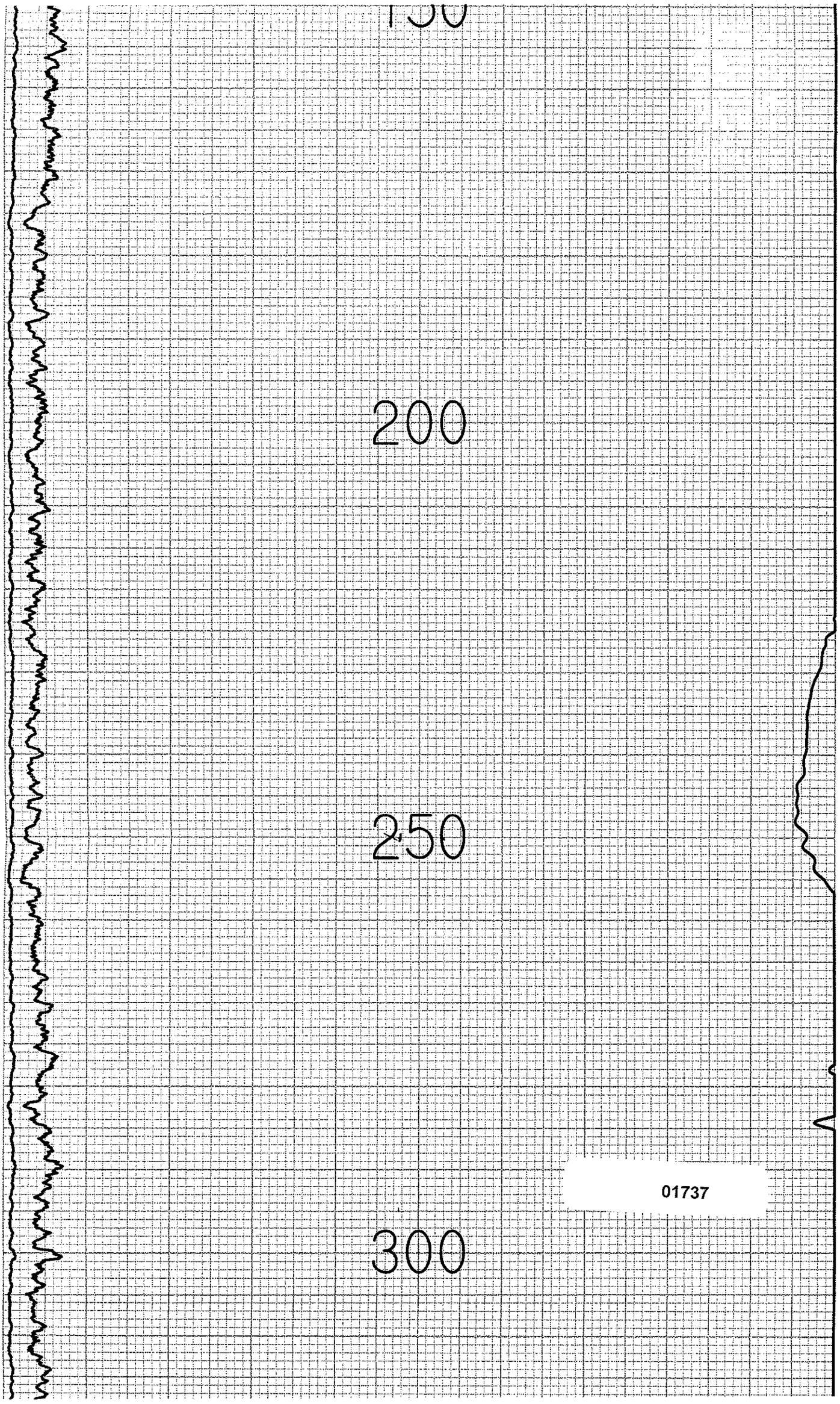
550
01735


300
350
400
450
01736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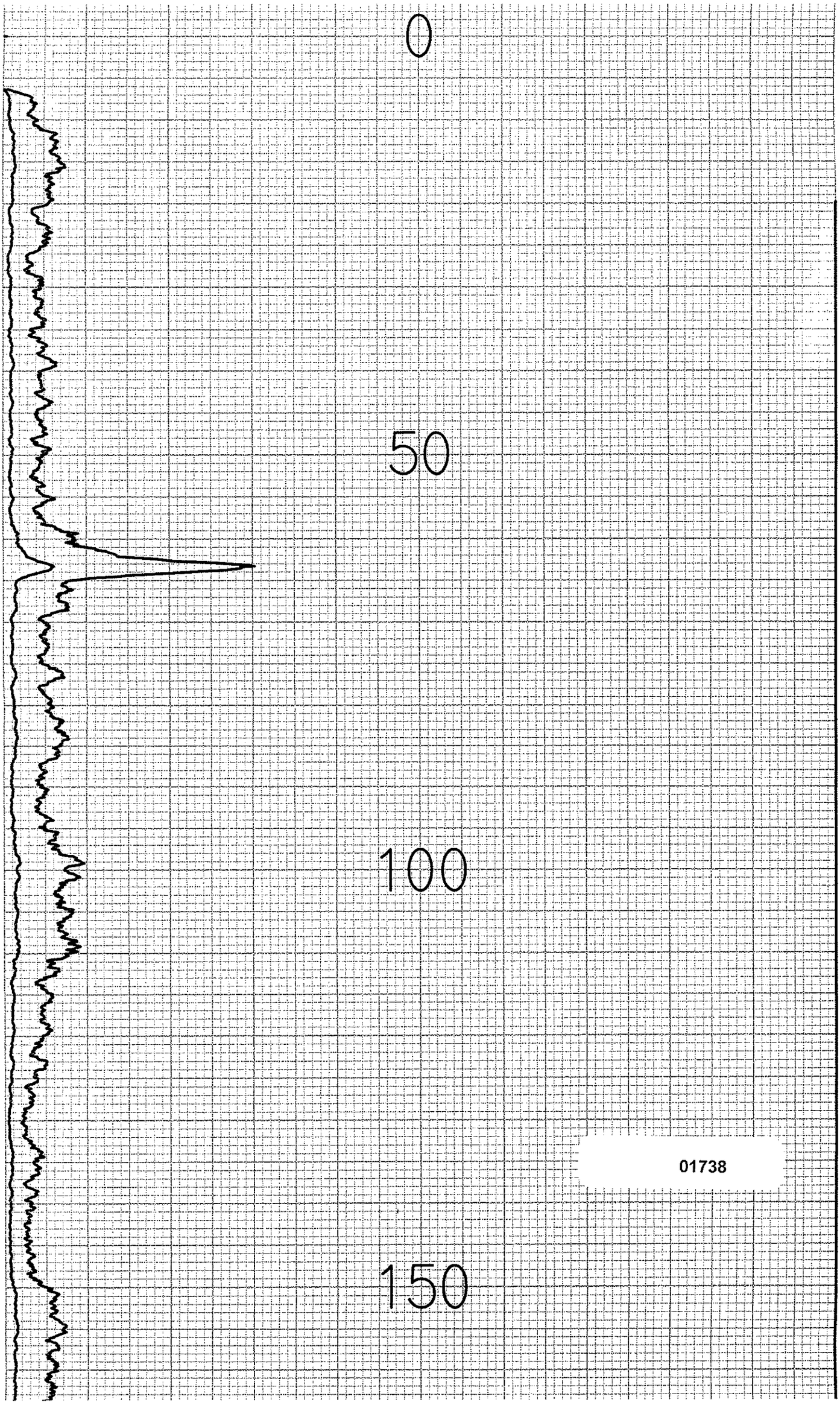
200
250
300
01737


0
50
100
150
01738

8308 BL3-8

HOLE NUMBER

URI
BL3\8

KLEBERG COUNTY TEXAS

SEC: --- TWN: --- RNG: ---

KVD

TD DRILLED	– 720.0'	ELEVATION	– μ
TD LOGGED	– 720.2'	CASING TYPE	– NONE
LOGGING SPEED	– 60'/MIN.	HOLE FLUID	– H2O
REFERENCE	– SURFACE	DRILLER	– AMADOR
BIT SIZE	– 5 5/8"		

REMARKS:

URI
Corpus Christi, Texas
Telephone 512–279–3342

TALBOTT – UNIT: L–4
03–7–97 – 1800 HRS.

TOOL MODEL/SER. NO.: 2025–1

NATURAL GAMMA

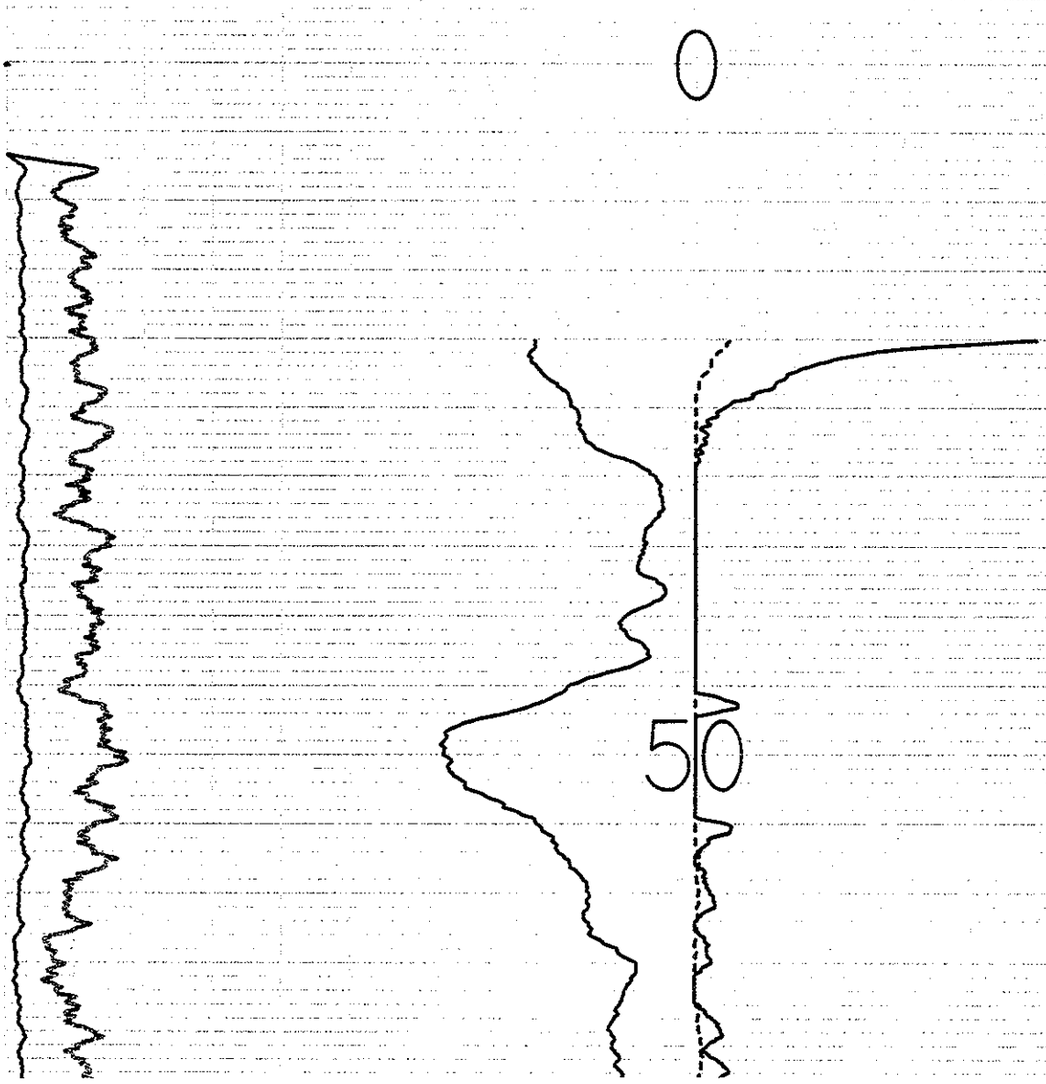
DETECTOR	– .875 X 4.0 NaI(T)
K–FACTOR	– .00000573
DEADTIME	– .00000023
TEST PIT	– G.W.
LAST CAL.	– 6–27–96
WATER FACTOR	– 1.142
CASING FACTOR	–

NEUTRON

DETECTOR – 1 X 6 INCH HE3
SOURCE – 1.5 Ci AmBe
SPACING – 14 Inches

ELECTRIC LOGS

SINGLE POINT RESISTANCE
SP/16 INCH NORMAL
64 INCH NORMAL



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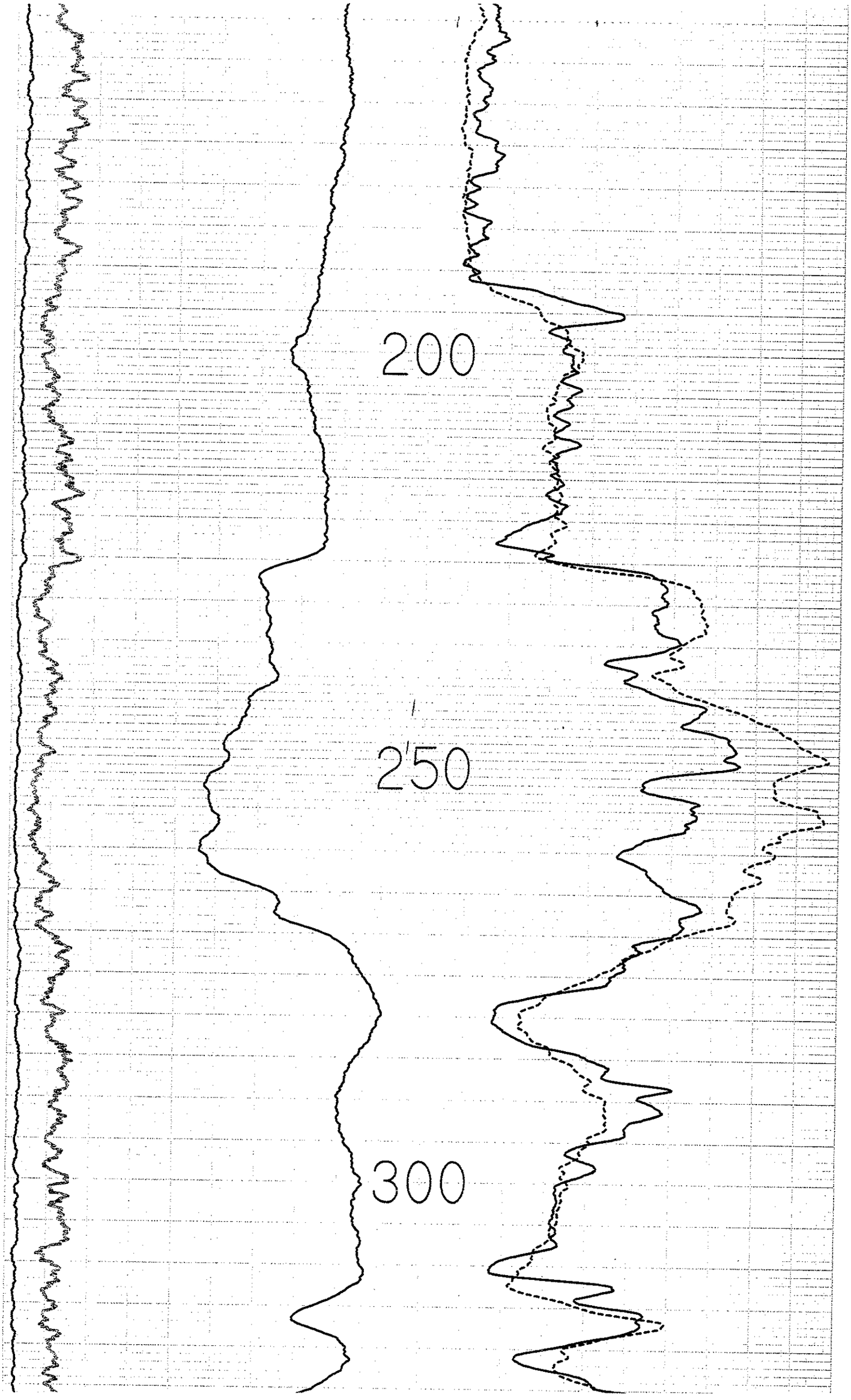
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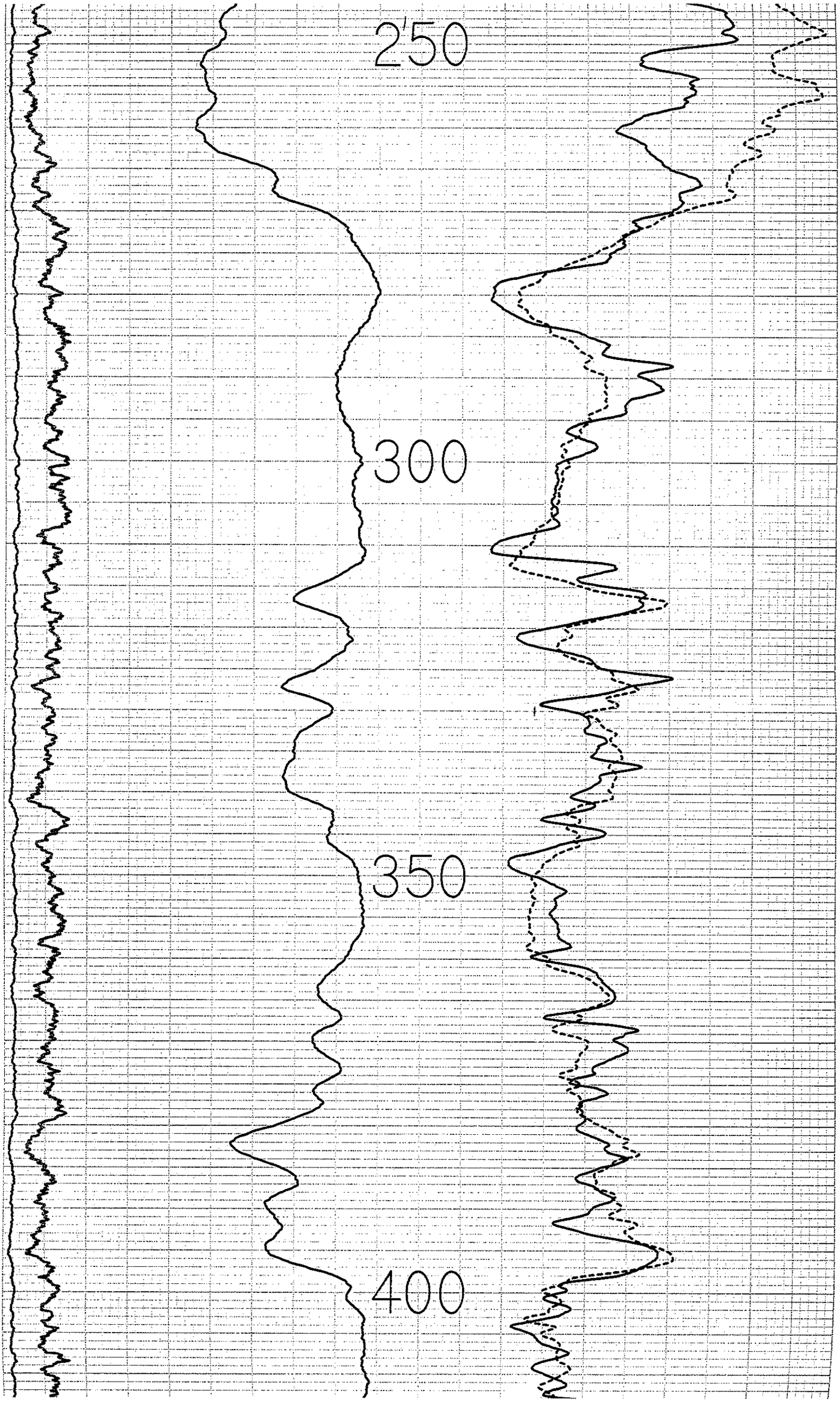
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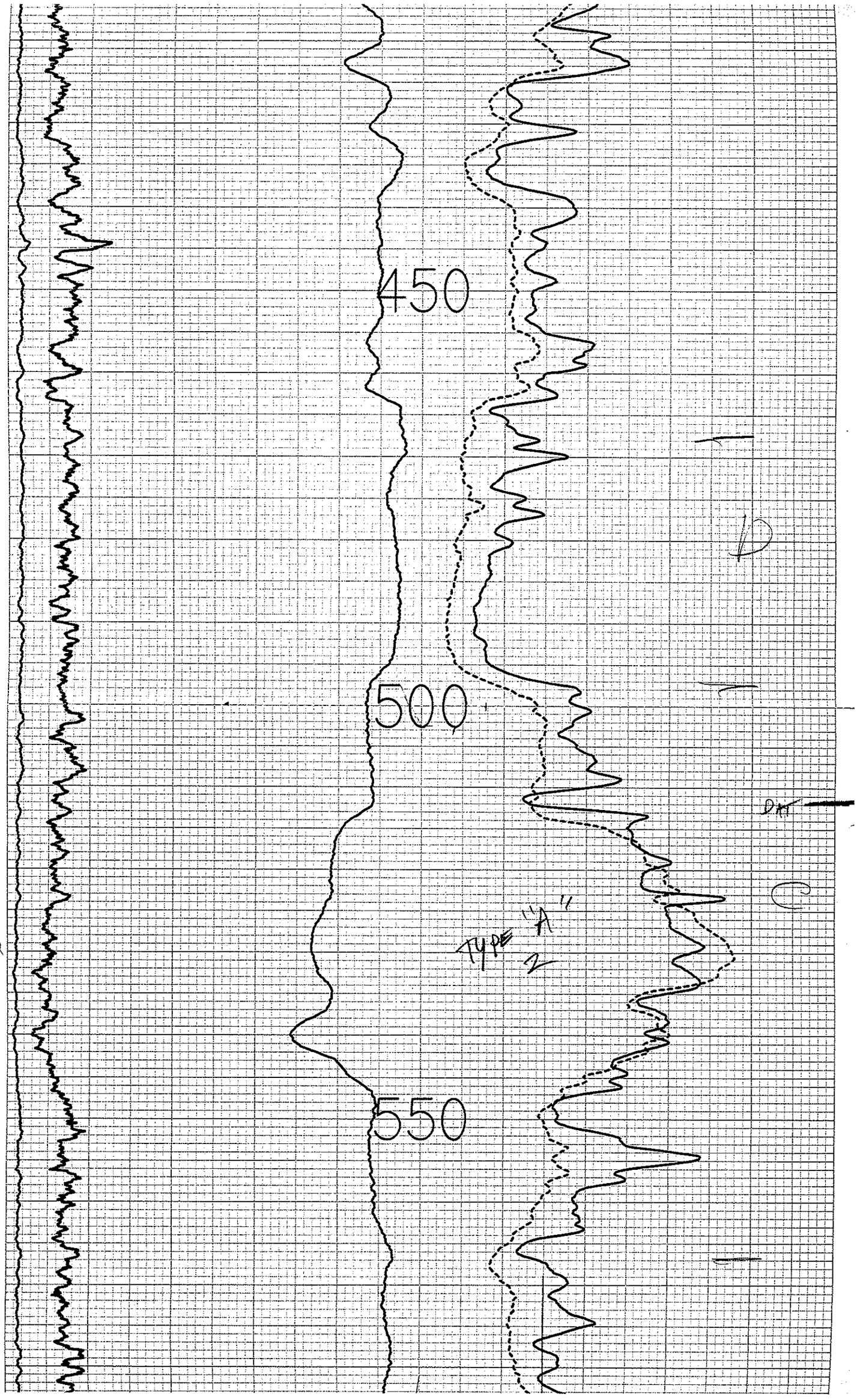
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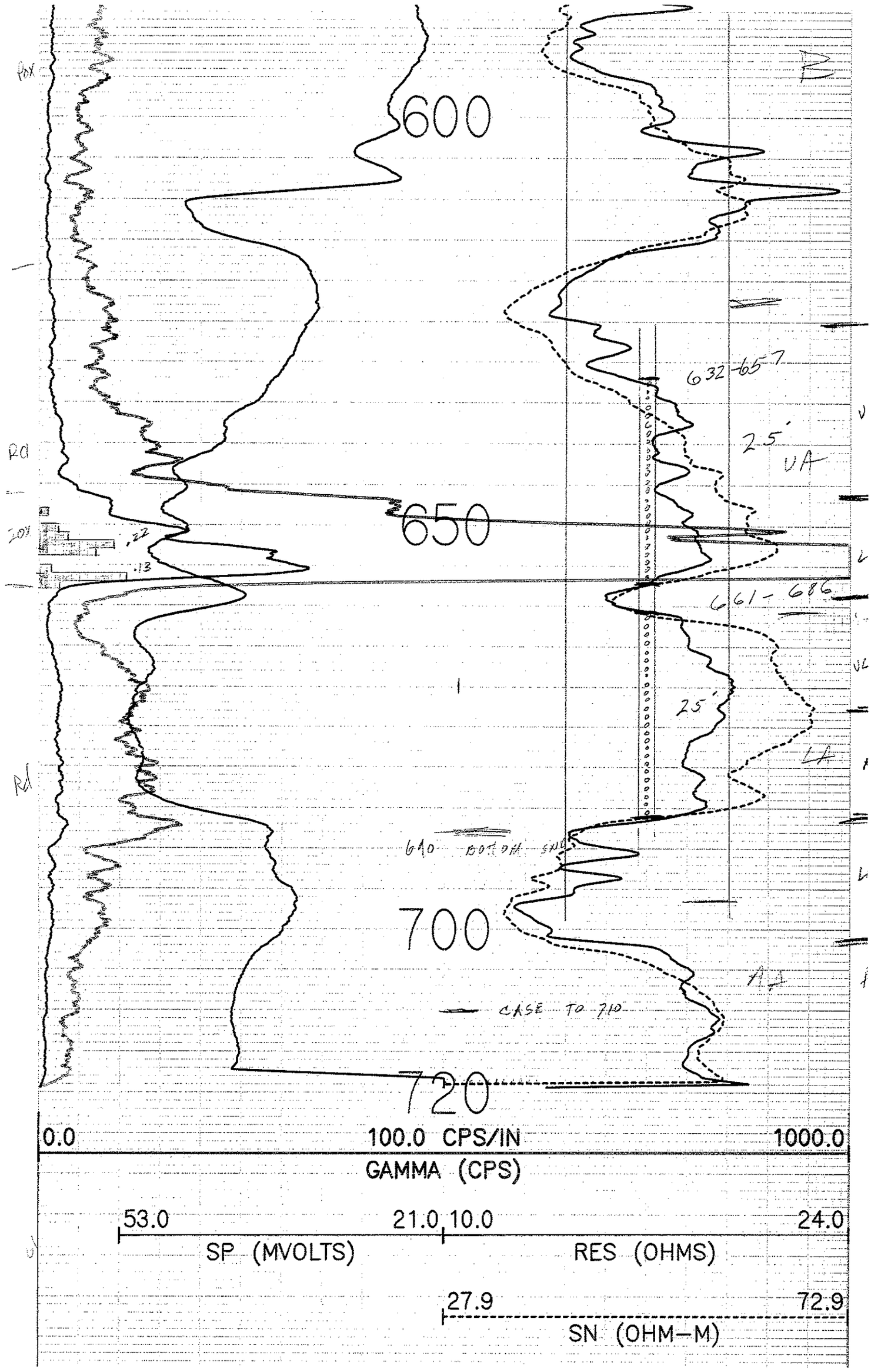
500
550
TYPE "A"
2
POX
DM


600
650
700
720
632-657
25'
UA
661-686
25'
LA
640 BOTTOM SHU
CASE TO 710
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
53.0
21.0
10.0
24.0
SP (MVOLTS)
RES (OHMS)
27.9
72.9
SN (OHM-M)

53.0 21.0 10.0 24.0

SP (MVOLTS) RES (OHMS)

27.9 72.9

SN (OHM-M)

0.0 500.0 CPS/IN 5000.0

GAMMA HI

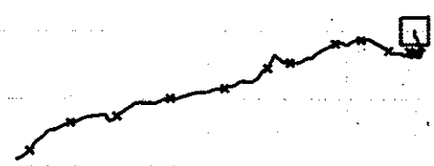
HOLE: BL3/8

DATE: Fri Mar 07 18:02:21 1997

DEVIATION SURVEY

HOLE: BL3/8
DATE: MAR 07, 1997
TRUE DEPTH : 720.0
DEVIATION : 12.2
BEARING : 252.0
SCALE FT/IN: 4.0

NORTH



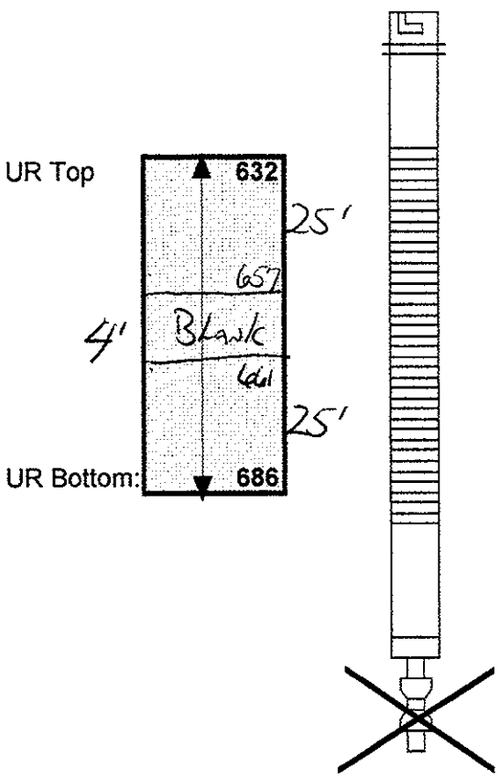
URI KVD PROJECT
Screen Diagram

Date Written 04/12/97

Well No **BL3-8508**

Date Completed _____

Driller: _____



Depth			
622	Set K-Packer at Depth		
	0 ft.	K-packer	
	10' ft.	Lap-Pipe	
631	Screen Top		
	50' + 4' Blank ~~55~~ ft.	Screen	Total Length **64** ft.
	Use **5050**	Dia. Screen	
686	Screen Bottom		
	NO	Tail Pipe	
	0 ft.		
686	Bottom of Cap		

Drill Cement to: 691 ft.

No. of Sacks Used: _____

Drillers Instructions

DRILL OUT CEMENT,UNDERRAEM, JET, AND SET PREPACK SCREEN

Comments:CUTS FROM:632-657; 661-686
4'BLANK

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL3/8

T.D. 720' LOCATION: Amador

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVN

DATE 3-7-91 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
								Clay; tarnish brn; Sox
10								Sd; tarnish brn; Vf-f; mod srt; subrd; mod q, mod k, Sox
								Clay, tarnish brn; Sox
20								
								Clay; lt bl gry; rd
30								
40								
50								
60								
								Sd; lt gry; Vf-f; mod srt; subrd; mod q, mod k; rd
70								
80								Clay; lt bl gry; rd
90								
200								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

SOX

Rd

00831

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL 3/8

T.D. 120' LOCATION: Amador

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KYD

DATE 3-7-90 COUNTY Nueces STATE Tx

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
								Sd; lt gry; vf-f; mod srt; sub rd; ex φ, ex K; rd
10								Clay; lt-bl gry; rd
20								Sd; lt gry; vf-f; mod srt; sub rd; mod φ; mod K; rd
								Clay; lt bl gry; rd
30								Sd; lt gry; vf-f; mod srt; sub rd; mod φ; mod K; rd
								Clay; lt bl gry; rd.
40								
50								
60								
70								Sd; lt gry; vf-f; mod srt; sub rd; mod φ; mod K; rd
80								Clay; lt bl gry; rd
90								Sd; mod gry; vf-f; mod srt; sub rd; mod φ; mod K; rd
100								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00832

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. M12/8

T.D. 130' LOCATION: Arnoldo

BIT SIZE 5 1/8

SAMPLE LOG BY MM LEASE: (PROJECT) KUD

DATE 3-7-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
400								Clay; lt bl gry; tr
10								
20								
30								
								Clay; reddish brn; tr ox
40								
50								
60								
70								
80								
90								
00								

Rd

Rdt

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00833

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL3/8

T.D. 720' LOCATION: Amador

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 3-7-92 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
500								Clay; reddish brn; Pox.
10								
20								
								Silty Sd; reddish brn; Vf; mod srt, Subrd; mod ϕ, mod K; Pox
30								
40								
50								
60								
70								
80								
90								
600								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00834

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL3/8

T.D. 700' LOCATION: Amador

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KUD

DATE 3-7-97 COUNTY Kleberg STATE Tx

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
600								Sd; reddish brn; f-m; mod srt; subrd; ex ϕ; ex K; Pox
10								
20								Clay; reddish brn; Pox
30								
								Sd; reddish brn; f-m; mod srt; subrd; ex ϕ; ex K; Pox
40								Sd; dusky yllw; f-m; mod srt; subrd; ex ϕ; ex K; Pox
50								
60								Sd; dK gry; f-m; mod srt; subrd; ex ϕ; ex K; Pq
70								
80								
90								
700								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00835

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. ML3/8

T.D. 720' LOCATION: Amador

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 3-7-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
700								Clay; lt bl gray rd
10								
20	TD							TD
30								
40								
50								
60								
70								
80								
90								
00								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00836

URI, Inc.
5656 South Staples, Suite 250, LB8
Corpus Christi, Texas 78411

ORE GRADE CALCULATION

Hole Number : bl3/8
Date Logged : Fri Mar 07 18:02:21 1997
Tool ID / SN : 2025-1
K-Factor : 5.730E-06
Deadtime : 2.300E-06
Calibration Date: 6-27-96
Water Factor : 1.142
Casing Factor : 1.000

Depth	Raw Gamma	Corr. Gamma	Grade	Grade >= 0.010	Grade >= 0.020	Grade >= 0.030	Grade >= 0.050
640.0	143	143	0.002				
640.5	145	145	0.002				
641.0	137	137	0.002				
641.5	156	156	0.002				
642.0	170	171	0.002				
642.5	155	155	0.002				
643.0	129	129	0.002				
643.5	118	118	0.002				
644.0	127	128	0.002				
644.5	173	173	0.002				
645.0	214	214	0.003				
645.5	233	234	0.003				
646.0	294	294	0.004				
646.5	384	384	0.005				
647.0	437	437	0.006				
647.5	442	442	0.006				
648.0	436	436	0.006				
648.5	433	433	0.006				
649.0	481	482	0.006				
649.5	608	609	0.008				
650.0	778	779	0.010	0.010			
650.5	897	899	0.012	0.012			
651.0	860	862	0.011	0.011			
651.5	782	784	0.010	0.010			
652.0	905	907	0.012	0.012			
652.5	1204	1207	0.016	0.016			
653.0	1414	1419	0.019	0.019			
653.5	1432	1437	0.019	0.019			
654.0	1426	1431	0.019	0.019			
654.5	1513	1518	0.020	0.020			
655.0	1620	1626	0.021	0.021	0.021		
655.5	1610	1616	0.021	0.021	0.021		
656.0	1352	1357	0.018	0.018			
656.5	846	847	0.011	0.011			
657.0	427	427	0.006				
657.5	209	209	0.003				
658.0	128	128	0.002				
658.5	106	106	0.001				
659.0	86	86	0.001				
659.5	63	63	0.001				
660.0	56	56	0.001				
660.5	58	58	0.001				
661.0	56	56	0.001				
661.5	48	48	0.001				
662.0	45	45	0.001				
662.5	45	45	0.001				
663.0	46	46	0.001				
663.5	49	49	0.001				
664.0	54	54	0.001				
664.5	68	68	0.001				

CUTOFF NUMBER 1
NUMBER OF HALF FOOT INTERVALS = 14
AVERAGE GRADE = 0.016
GRADE-THICKNESS PRODUCT = 0.109

CUTOFF NUMBER 2
NUMBER OF HALF FOOT INTERVALS = 2
AVERAGE GRADE = 0.021
GRADE-THICKNESS PRODUCT = 0.021

****
********** END OF ZONE **********
****

DEVIATION : 12.2 FEET AT 252.0 DEGREES

LINE DEPTH	TRUE DEPTH	DEVIATION DISTANCE(FT)	DEVIATION BEARING(DEG)
29	29	0.2	160
54	54	0.5	159
77	77	0.8	168
101	101	0.7	180

662.0	45	45	0.001
662.5	45	45	0.001
663.0	46	46	0.001
663.5	49	49	0.001
664.0	54	54	0.001
664.5	68	68	0.001

CUTOFF NUMBER 1
NUMBER OF HALF FOOT INTERVALS = 14
AVERAGE GRADE = 0.016
GRADE-THICKNESS PRODUCT = 0.109

CUTOFF NUMBER 2
NUMBER OF HALF FOOT INTERVALS = 2
AVERAGE GRADE = 0.021
GRADE-THICKNESS PRODUCT = 0.021

****
********** END OF ZONE **********
****

DEVIATION : 12.2 FEET AT 252.0 DEGREES

LINE DEPTH	TRUE DEPTH	DEVIATION DISTANCE(FT)	DEVIATION BEARING(DEG)
29	29	0.2	160
54	54	0.5	159
77	77	0.8	168
101	101	0.7	180
129	129	0.7	182
152	152	0.6	193
176	175	0.6	185
203	203	0.6	188
225	225	0.8	204
252	252	0.9	232
277	277	1.2	250
302	302	1.6	260
327	327	1.9	260
351	351	2.3	261
375	375	3.1	255
404	404	3.7	256
428	428	4.1	260
452	452	4.4	256
476	476	5.1	253
504	504	5.8	253
527	526	6.6	254
554	554	7.4	255
576	576	8.2	255
603	603	9.0	254
625	625	9.4	255
652	651	10.4	255
677	677	11.1	255
703	703	11.7	253
720	720	12.2	252

URI, Inc.
5636 South Staples, Suite 250, LB8
Corpus Christi, Texas 78411

Uranium Assay

HOLE IDENTIFICATION	PFN TOOLDATA	GAMMA TOOL DATA
Client : URI	PFN Tool Serial No.: PFN-1	Gamma ID : PFN-1
Hole Number: BL 3-6 PPFN	Interval : 644 - 667	K-Factor : 3.030E-03
Project : KVD	Slope : 5.088E+00	Deadtime : 1.170E-03
Bit Size : 5 3/8"	En/In at Zero Grade: 3.940E-03	Calibration Date : PFN CAL 02-10-97
Hole Fluid : orig.mud	Lbs to Percent Fact: 9.170E-01	Water Factor : 1.000E+00
Time/Date : Fri Mar 07 20:16:04 1997	Hole Size Factor : 9.240E-01	Hole Size Factor : 1.000E+00
	Grade Cutoffs: 0.010, 0.020, 0.030, 0.050	
	Barren Grade Correction in %U3O8: 0.000E+00	

PFN URANIUM ASSAY %U3O8	GROSS GAMMA EQUIVALENT %U3O8	GROSS GAMMA (CPS) (DEADTIME CORRECTED)	DEPTH (FEET)	PFN %U3O8 ASSAY	EQUIV. %U3O8 GROSS GAMMA	DEF
0.000 0.250	0.000 0.250	0 400				
		XX	644	0.003	0.002	1.716
		XX	645	0.000	0.002	0.000
		XX	646	0.004	0.002	2.064
		XX	647	0.001	0.002	0.710
		XXX	648	0.000	0.003	0.000
		XXXX	649	0.000	0.004	0.000
		XXXXXXX	650	0.000	0.006	0.000
		XXXXXX	651	0.004	0.005	0.750
		XXXXXXX	652	0.010	0.006	1.634
	X	XXXXXXXXXX	653	0.000	0.009	0.000
XX	X	XXXXXXXXXXXXXXX	654	0.023	0.012	1.937
XXXX	X	XXXXXXXXXXXXXX	655	0.034	0.012	2.809
XXXXXXXXXX	XX	XXXXXXXXXXXXXXXXXXXX	656	0.092	0.018	5.231
XXXXXXXX	XX	XXXXXXXXXXXXXXXXXXXXXXX	657	0.070	0.020	3.581
	XX	XXXXXXXXXXXXXXXXXXXXXXXXX	658	0.005	0.022	0.238
	XX	XXXXXXXXXXXXXXXXXXXXXXXXXX	659	0.016	0.021	0.762
XXXXXXXXXXXX	X	XXXXXXXXXXXXXXX	660	0.109	0.012	9.396
XXX		XX	661	0.025	0.002	13.748
			662	0.000	0.000	0.000
			663	0.000	0.000	0.000
			664	0.004	0.000	0.000
			665	0.000	0.000	0.000
			666	0.008	0.000	0.000

SUMMARY AT CUTOFF NUMBER 1 (0.010%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U3O8)	GRADE THICKNESS
652 - 653	1	0.010	0.010
654 - 658	4	0.055	0.219
659 - 662	3	0.050	0.150

Zone Total: 8 Feet of 0.047 Average Grade

SUMMARY AT CUTOFF NUMBER 2 (0.020%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U3O8)	GRADE THICKNESS
654 - 658	4	0.055	0.219
659 - 662	2	0.067	0.134

Zone Total: 6 Feet of 0.059 Average Grade

SUMMARY AT CUTOFF NUMBER 3 (0.030%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U3O8)	GRADE THICKNESS
653 - 658	3	0.065	0.196
660 - 661	1	0.109	0.109

Zone Total: 4 Feet of 0.076 Average Grade

SUMMARY AT CUTOFF NUMBER 4 (0.050%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U3O8)	GRADE THICKNESS
656 - 658	2	0.081	0.162
660 - 661	1	0.109	0.109

Zone Total: 3 Feet of 0.090 Average Grade

654 - 658	4	0.055	0.219
659 - 662	3	0.050	0.150

Zone Total: 8 Feet of 0.047 Average Grade

SUMMARY AT CUTOFF NUMBER 2 (0.020%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U3O8)	GRADE THICKNESS
654 - 658	4	0.055	0.219
660 - 662	2	0.067	0.134

Zone Total: 6 Feet of 0.059 Average Grade

SUMMARY AT CUTOFF NUMBER 3 (0.030%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U3O8)	GRADE THICKNESS
653 - 658	3	0.065	0.196
660 - 661	1	0.109	0.109

Zone Total: 4 Feet of 0.076 Average Grade

SUMMARY AT CUTOFF NUMBER 4 (0.050%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U3O8)	GRADE THICKNESS
656 - 658	2	0.081	0.162
660 - 661	1	0.109	0.109

Zone Total: 3 Feet of 0.090 Average Grade

661

0.0 100.0 CPS/IN 1000.0

GAMMA (CPS)

18.0 107.0

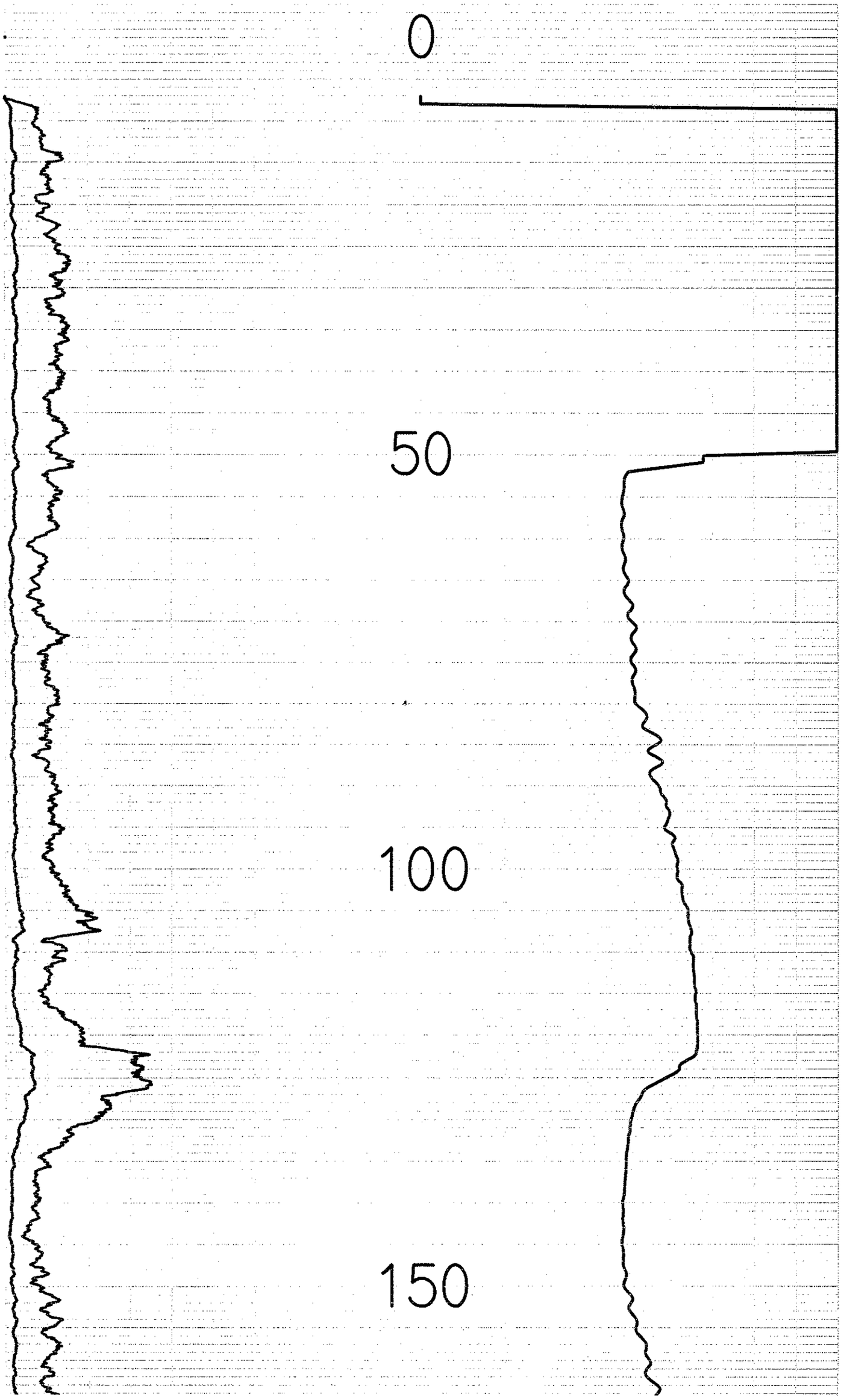
RES (OHMS)

0.0 500.0 CPS/IN 5000.0

GAMMA HI

HOLE: BL3-8508 UR(632-686)

DATE: Tue Apr 15 10:37:38 1997



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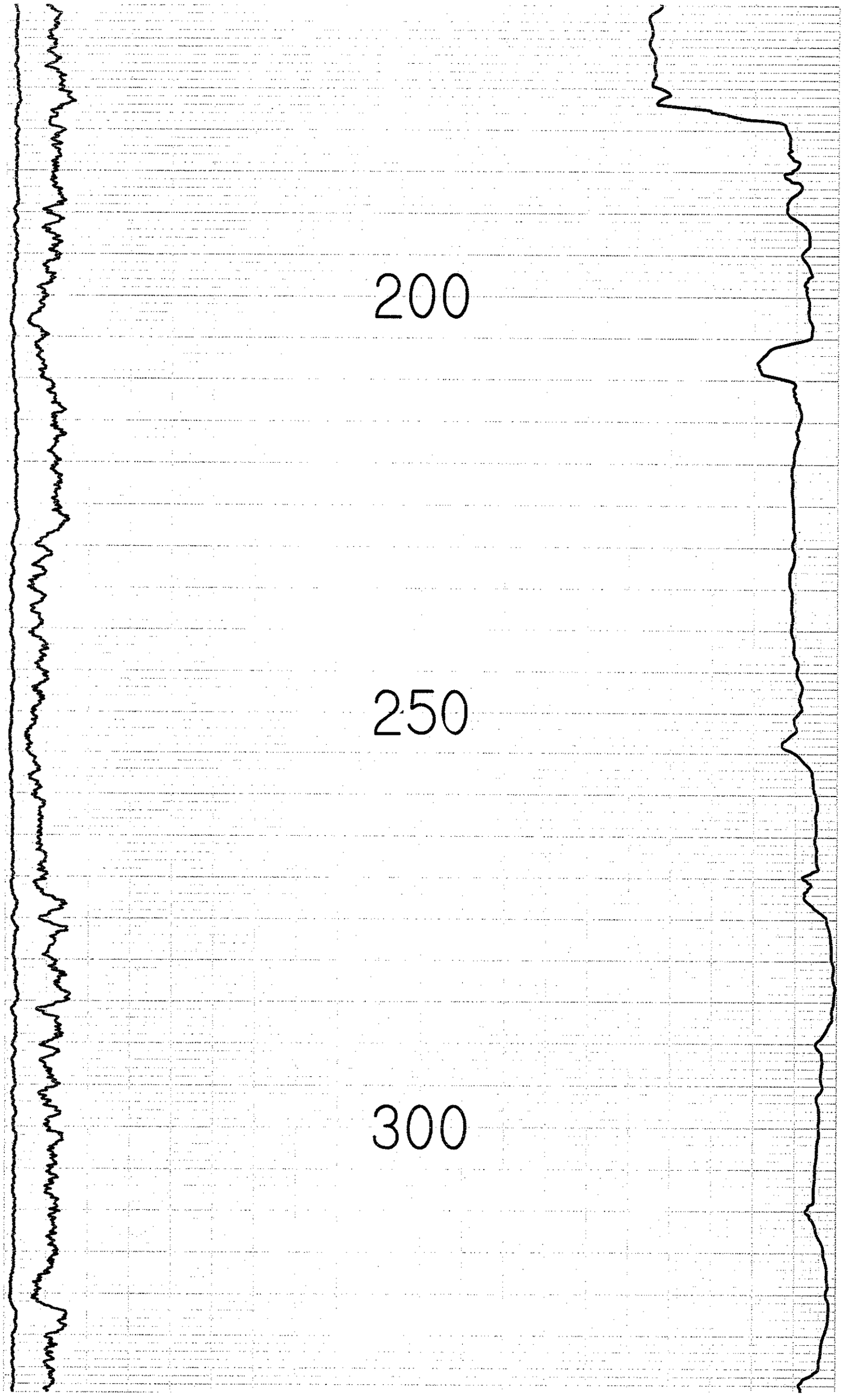
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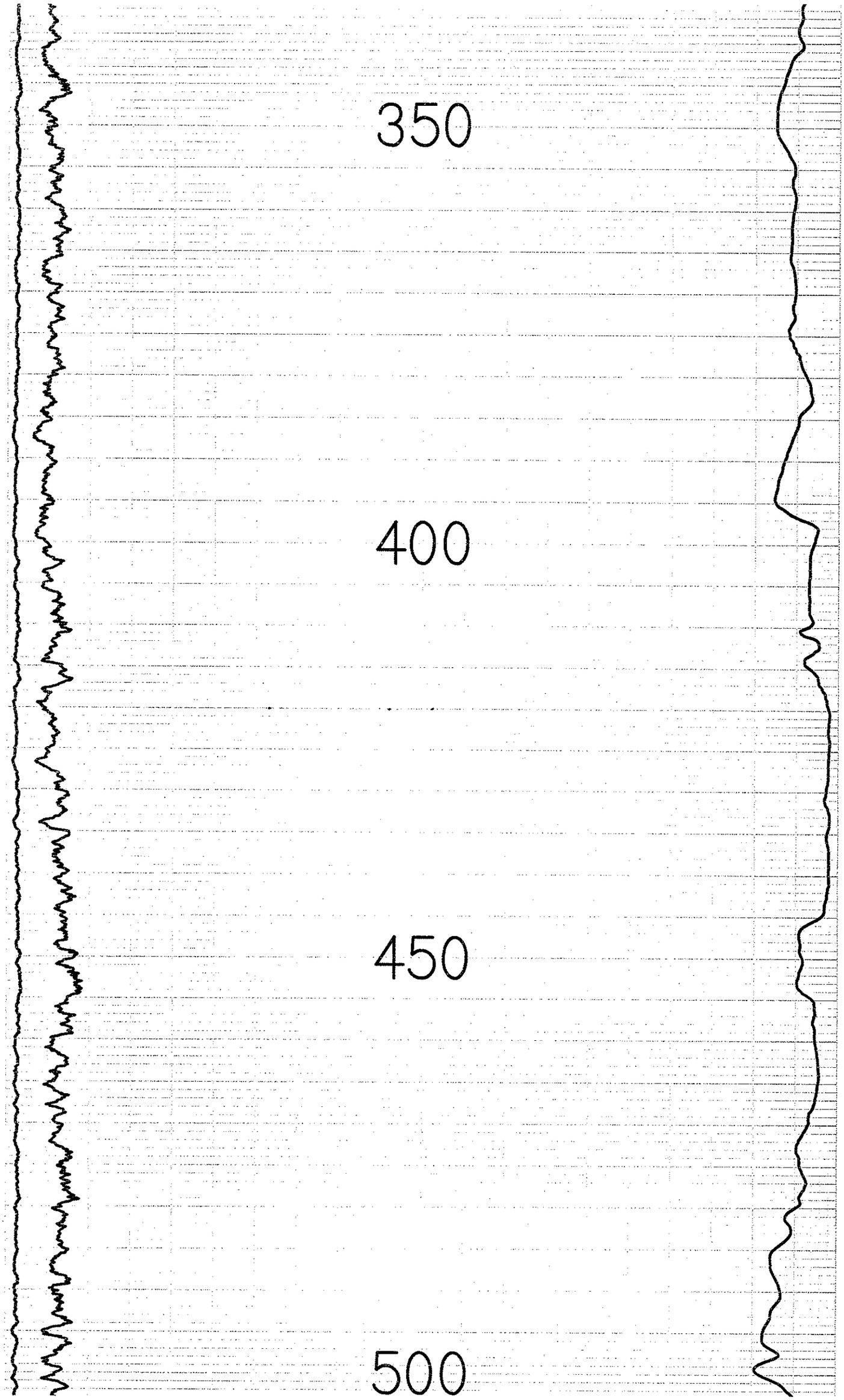
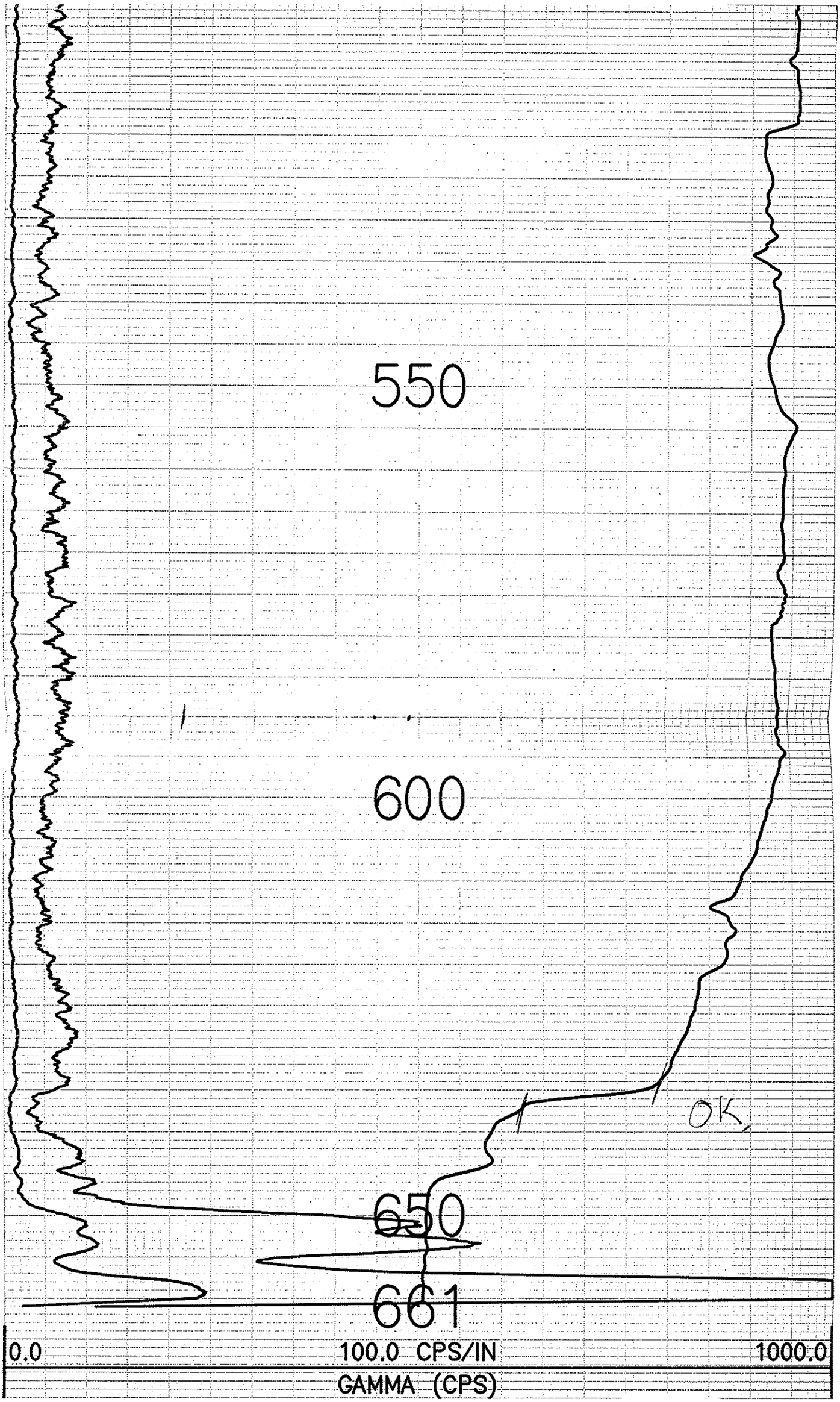


00844



00845

URI

HOLE NUMBER

BL3\9

KLEBERG COUNTY TEXAS

SEC: --- TWN: --- RNG: ---

KVD

TD DRILLED	– 720.0'	ELEVATION	– μ
TD LOGGED	– 719.8'	CASING TYPE	– NONE
LOGGING SPEED	– 60'/MIN.	HOLE FLUID	– H20
REFERENCE	– SURFACE	DRILLER	– RENAE S.
BIT SIZE	– 5 5/8"		

REMARKS:

URI
Corpus Christi, Texas
Telephone 512–279–3342

TALBOTT – UNIT: L–4
03–17–97 – 2030 HRS.

TOOL MODEL/SER. NO.: 2025–1

NATURAL GAMMA

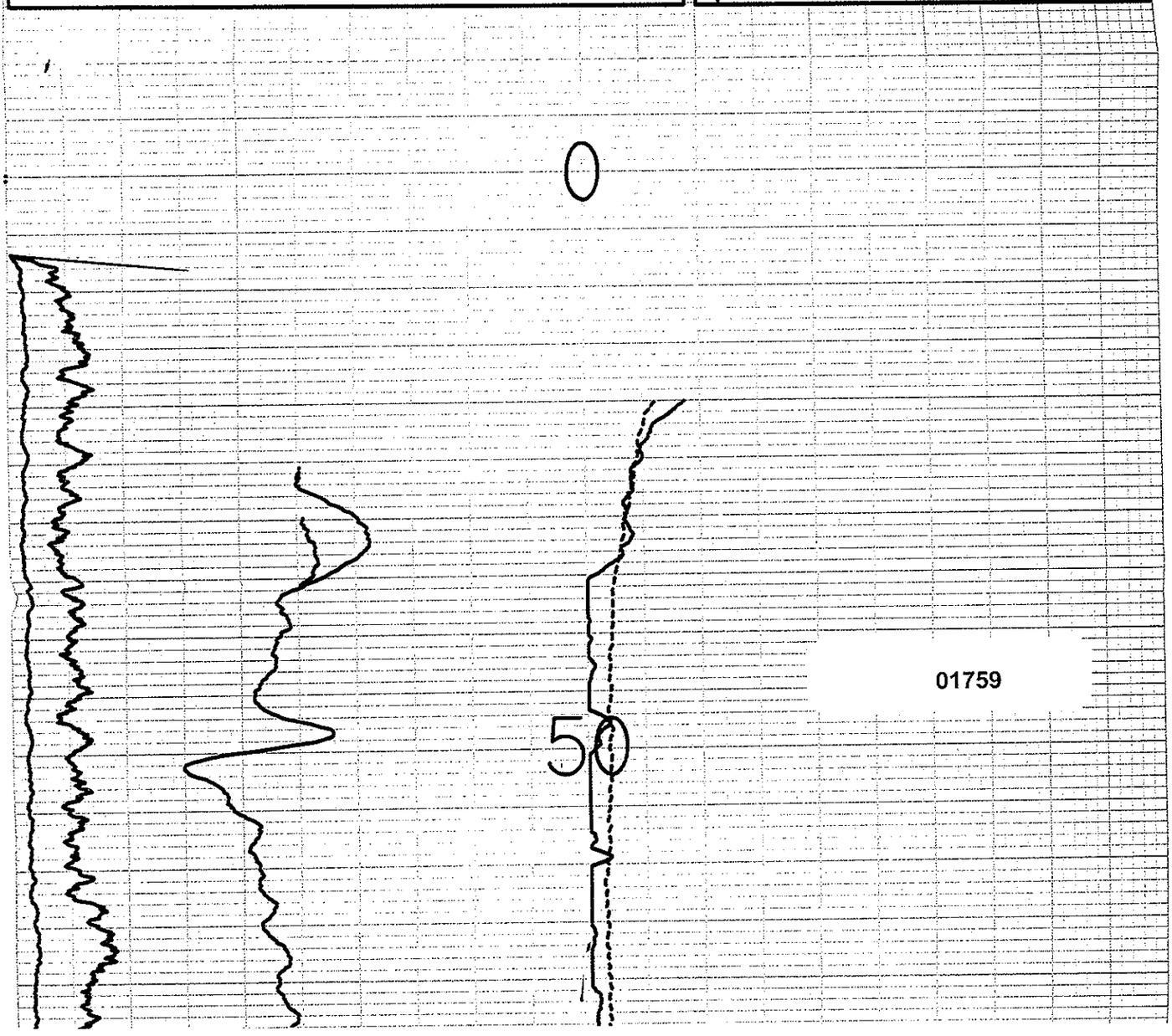
DETECTOR	– .875 X 4.0 NaI(T)
K–FACTOR	– .00000573
DEADTIME	– .00000023
TEST PIT	– G.W.
LAST CAL.	– 6–27–96
WATER FACTOR	– 1.142
CASING FACTOR	–

NEUTRON

DETECTOR	– 1 X 6 INCH HE3
SOURCE	– 1.5 Ci AmBe
SPACING	– 14 Inches

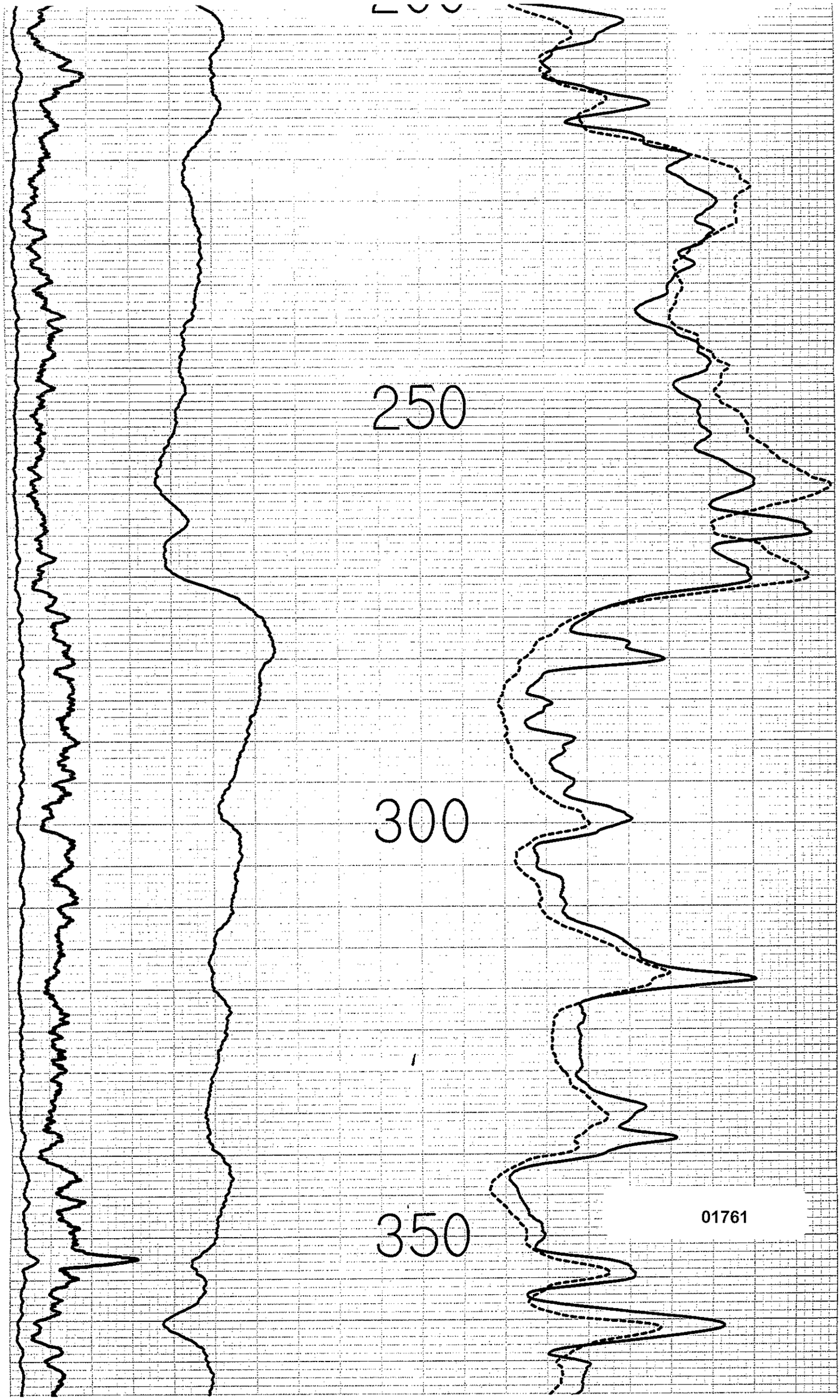
ELECTRIC LOGS

SINGLE POINT RESISTANCE
SP/16 INCH NORMAL
64 INCH NORMAL



01759

100
150
200
01760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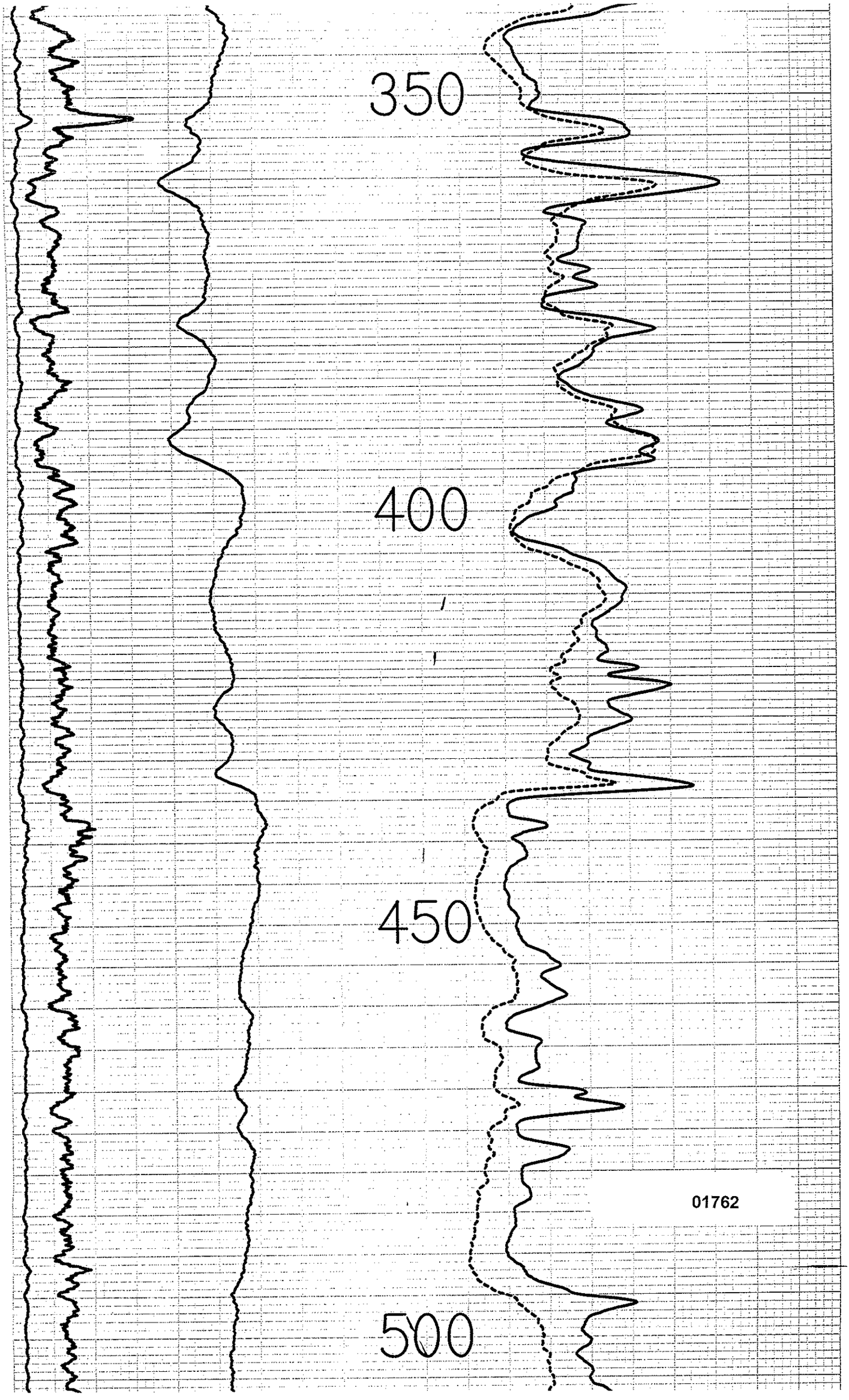
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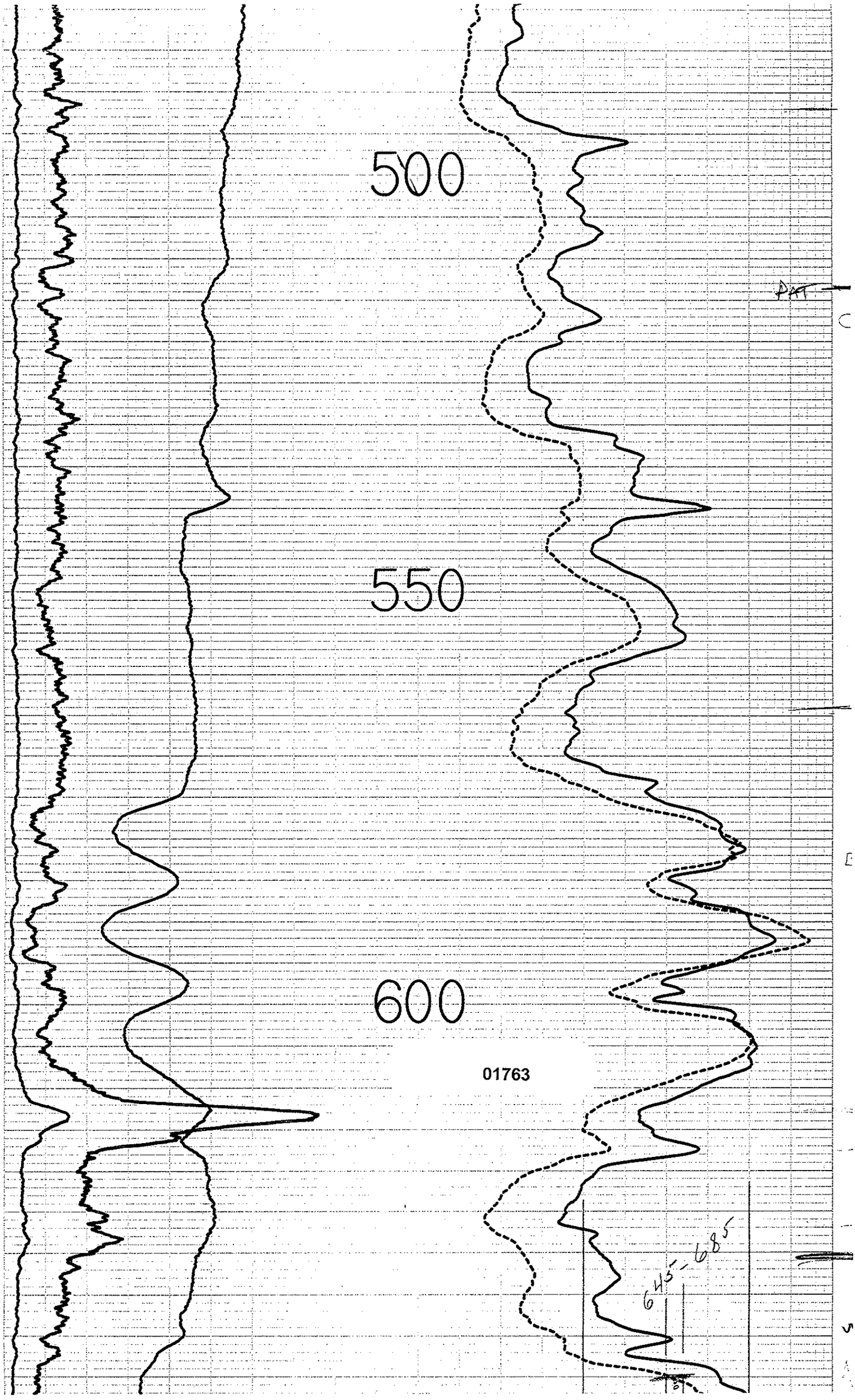
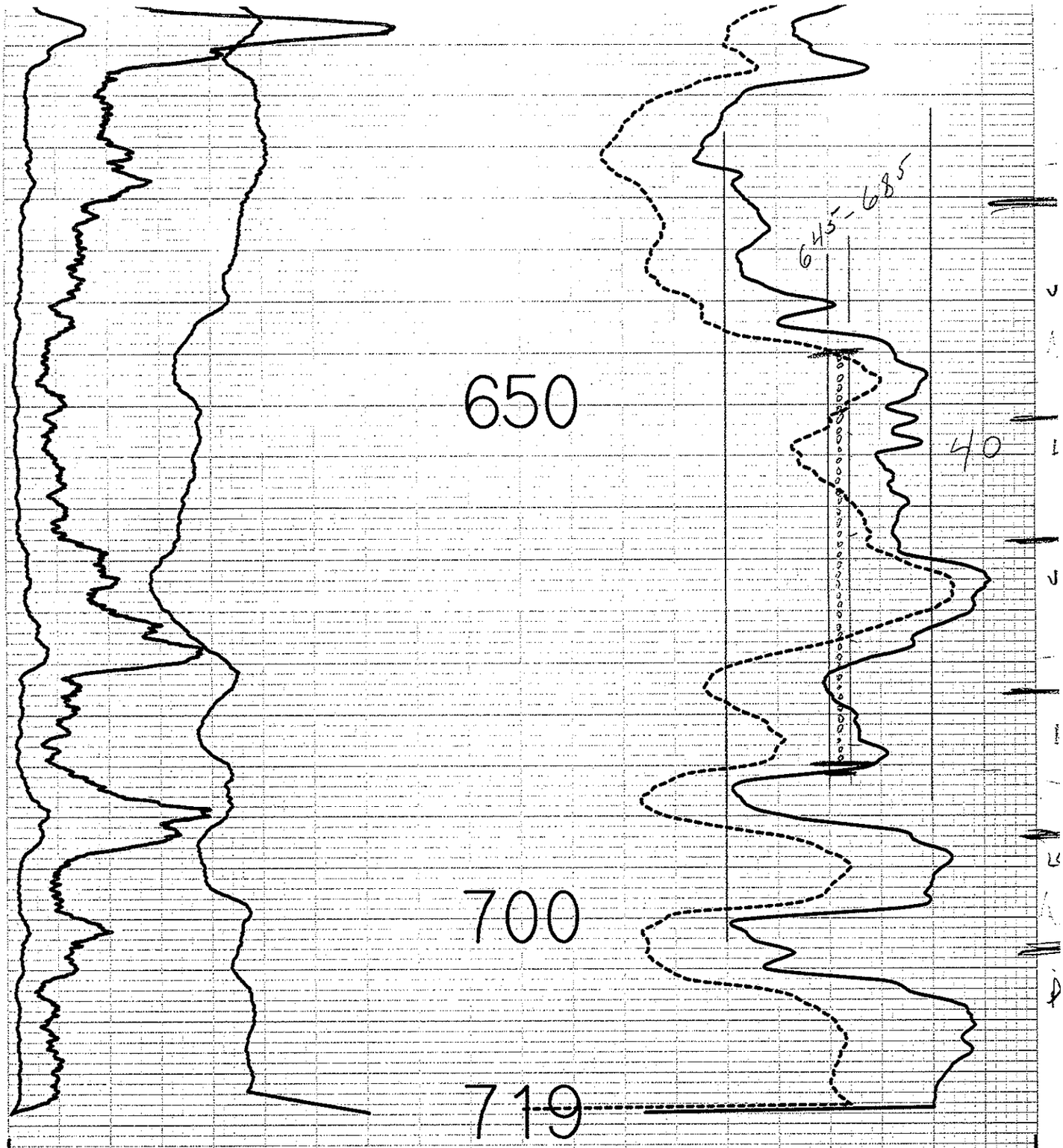
01762


500
550
600
01763
PAT
64.5-68.5



0.0 100.0 CPS/IN 1000.0

GAMMA (CPS)

20.0 −12.0 12.0 28.0

SP (MVOLTS) RES (OHMS)

25.5 82.5

SN (OHM−M)

0.0 500.0 CPS/IN 5000.0

GAMMA HI

01764

HOLE: BL3\9

DATE: Mon Mar 17 20:34:50 1997

DEVIATION SURVEY 4

20.0 −12.0 12.0 28.0

SP (MVOLTS) RES (OHMS)

25.5 82.5

SN (OHM−M)

0.0 500.0 CPS/IN 5000.0

GAMMA HI

HOLE: BL3\9

DATE: Mon Mar 17 20:34:50 1997

DEVIATION SURVEY

NORTH

HOLE: BL3\9
DATE: MAR 17, 1997
TRUE DEPTH : 719.8
DEVIATION : 1.3
BEARING : 229.1
SCALE FT/IN: 2.0

01765

25.5 82.5

SN (OHM-M)

0.0 500.0 CPS/IN 5000.0

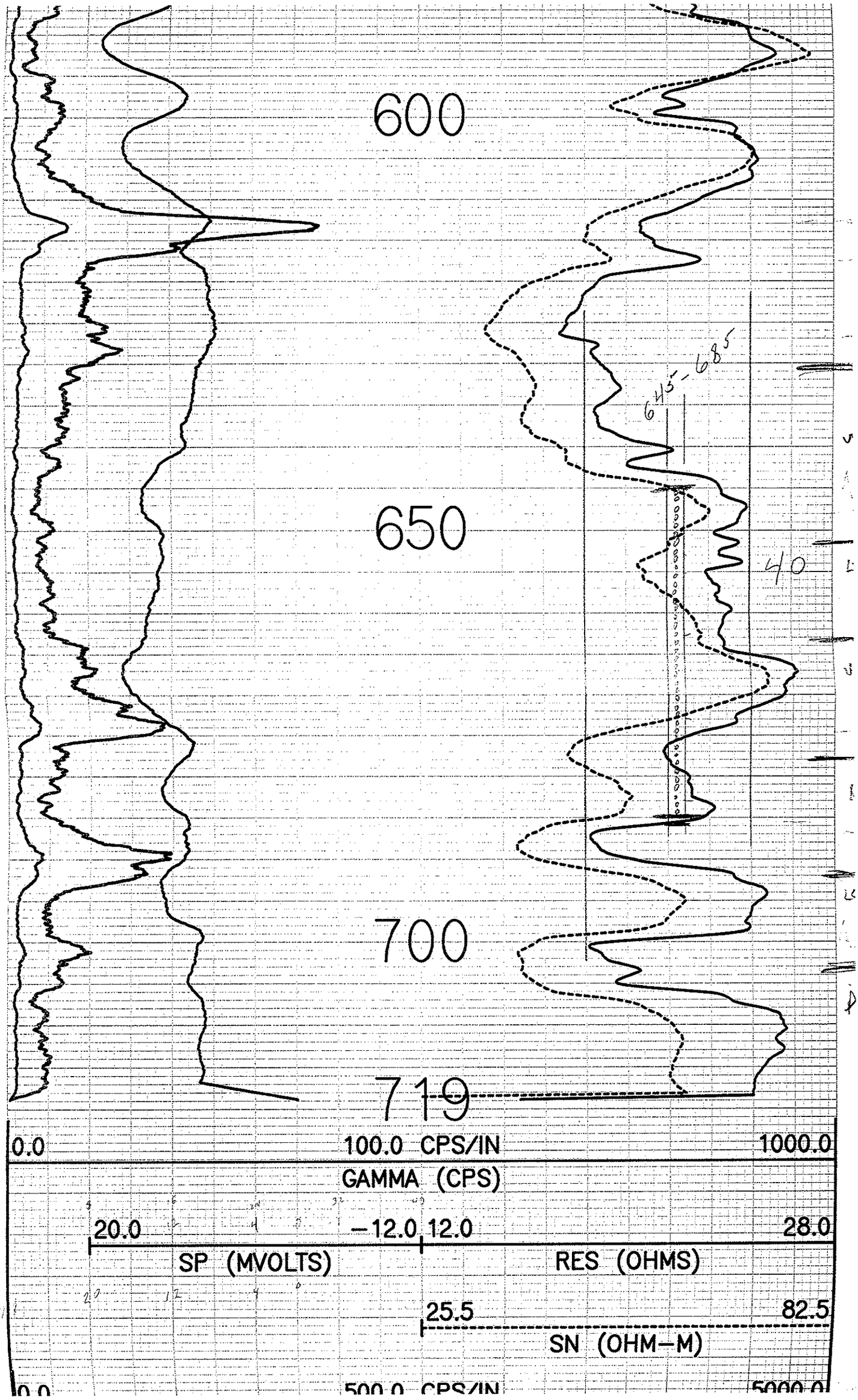
GAMMA HI

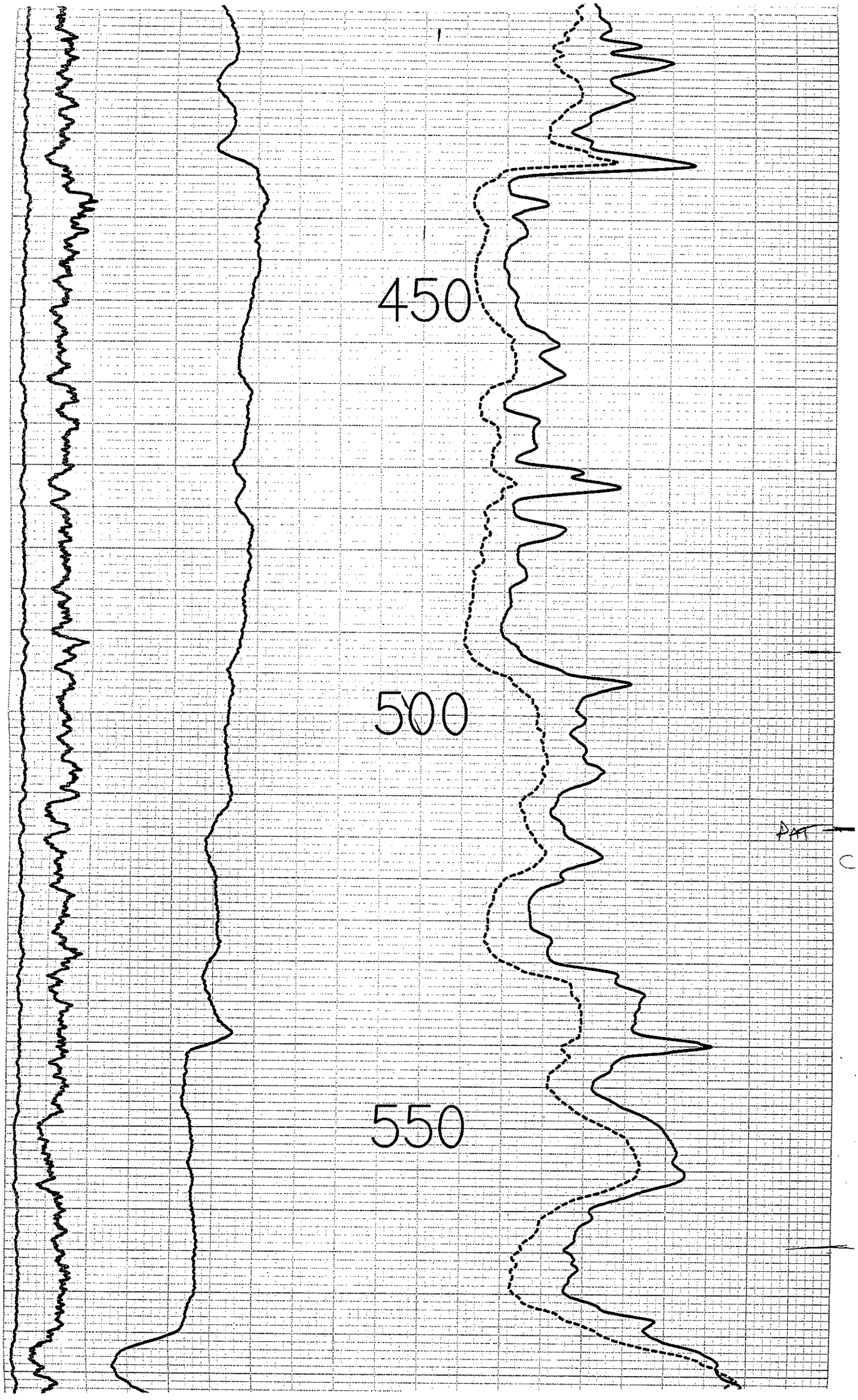
HOLE: BL3\9
DATE: Mon Mar 17 20:34:50 1997

DEVIATION SURVEY

NORTH

HOLE: BL3\9
DATE: MAR 17, 1997
TRUE DEPTH : 719.8
DEVIATION : 1.3
BEARING : 229.1
SCALE FT/IN: 2.0


600
650
700
719
6H5-68.5
40
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
20.0
-12.0
12.0
28.0
SP (MVOLTS)
RES (OHMS)
25.5
82.5
SN (OHM-M)
0.0
500.0 CPS/IN
5000.0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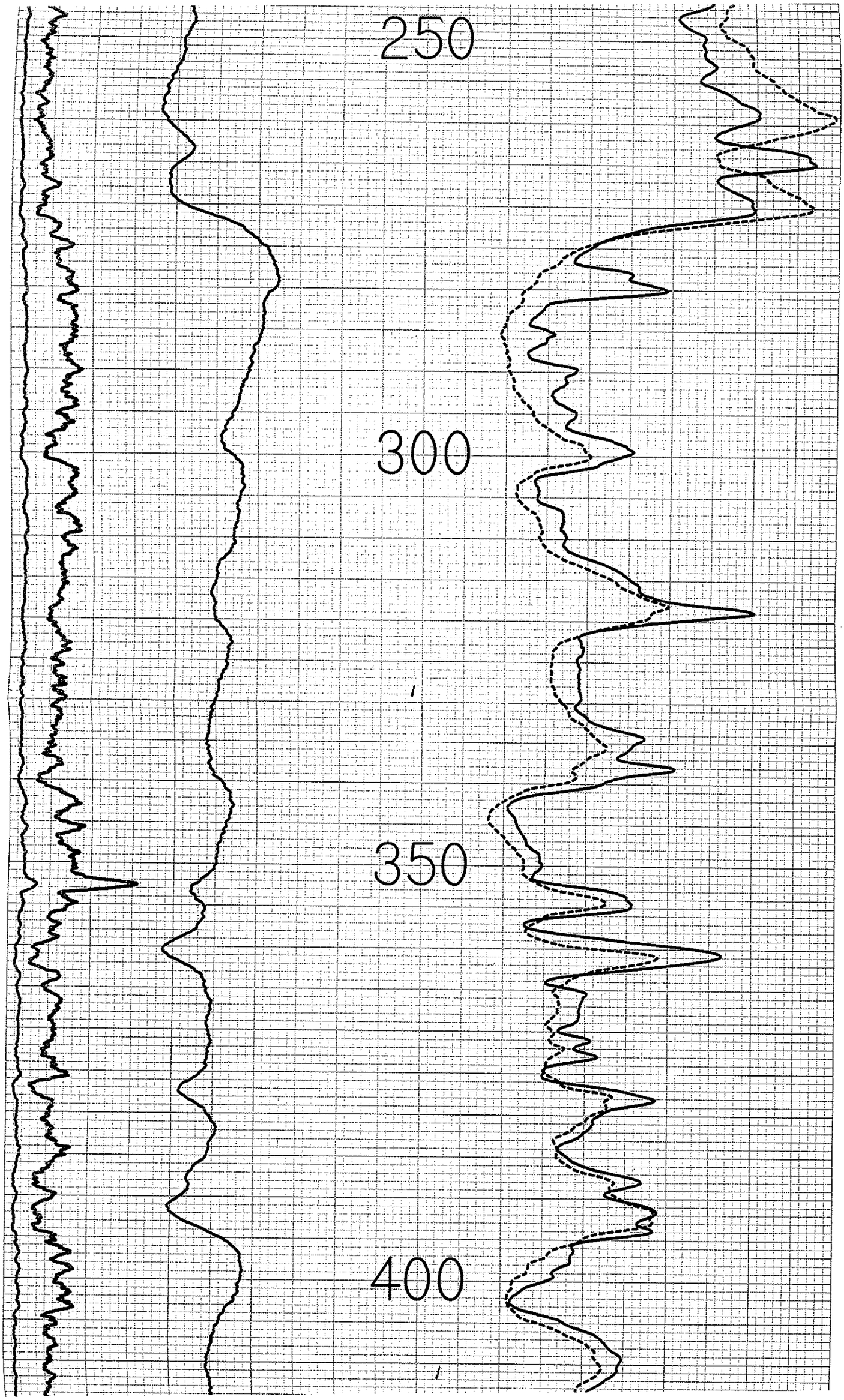
500
550


250
300
350
400

100
150
200

URI

HOLE NUMBER

BL3\9

KLEBERG COUNTY TEXAS

SEC: --- TWN: --- RNG: ---

KVD

~~TD DRILLED~~	~~– 720.0'~~	ELEVATION	– μ
TD LOGGED	– 719.8'	CASING TYPE	– NONE
LOGGING SPEED	– 60'/MIN.	HOLE FLUID	– H2O
REFERENCE	– SURFACE	DRILLER	– RENAE S.
BIT SIZE	– 5 5/8"		

REMARKS:

URI
Corpus Christi, Texas
Telephone 512-279-3342

TALBOTT – UNIT: L-4
03-17-97 – 2030 HRS.

TOOL MODEL/SER. NO.: 2025-1

NATURAL GAMMA

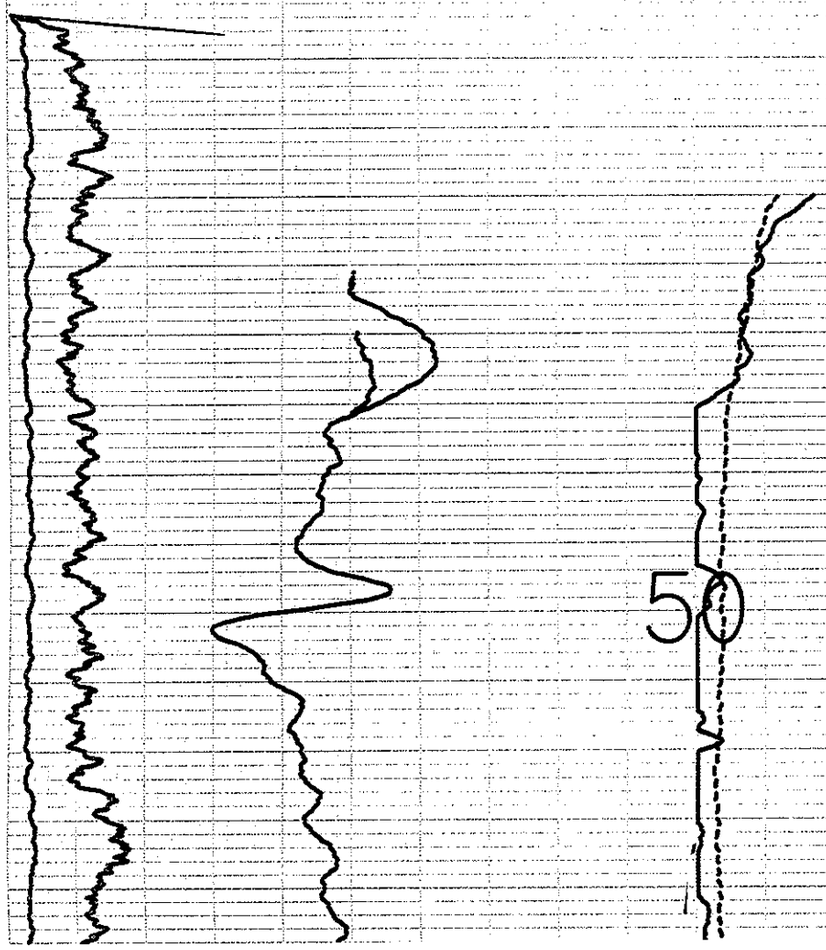
DETECTOR	– .875 X 4.0 NaI(T)
K-FACTOR	– .00000573
DEADTIME	– .00000023
TEST PIT	– G.W.
LAST CAL.	– 6-27-96
WATER FACTOR	– 1.142
CASING FACTOR	–

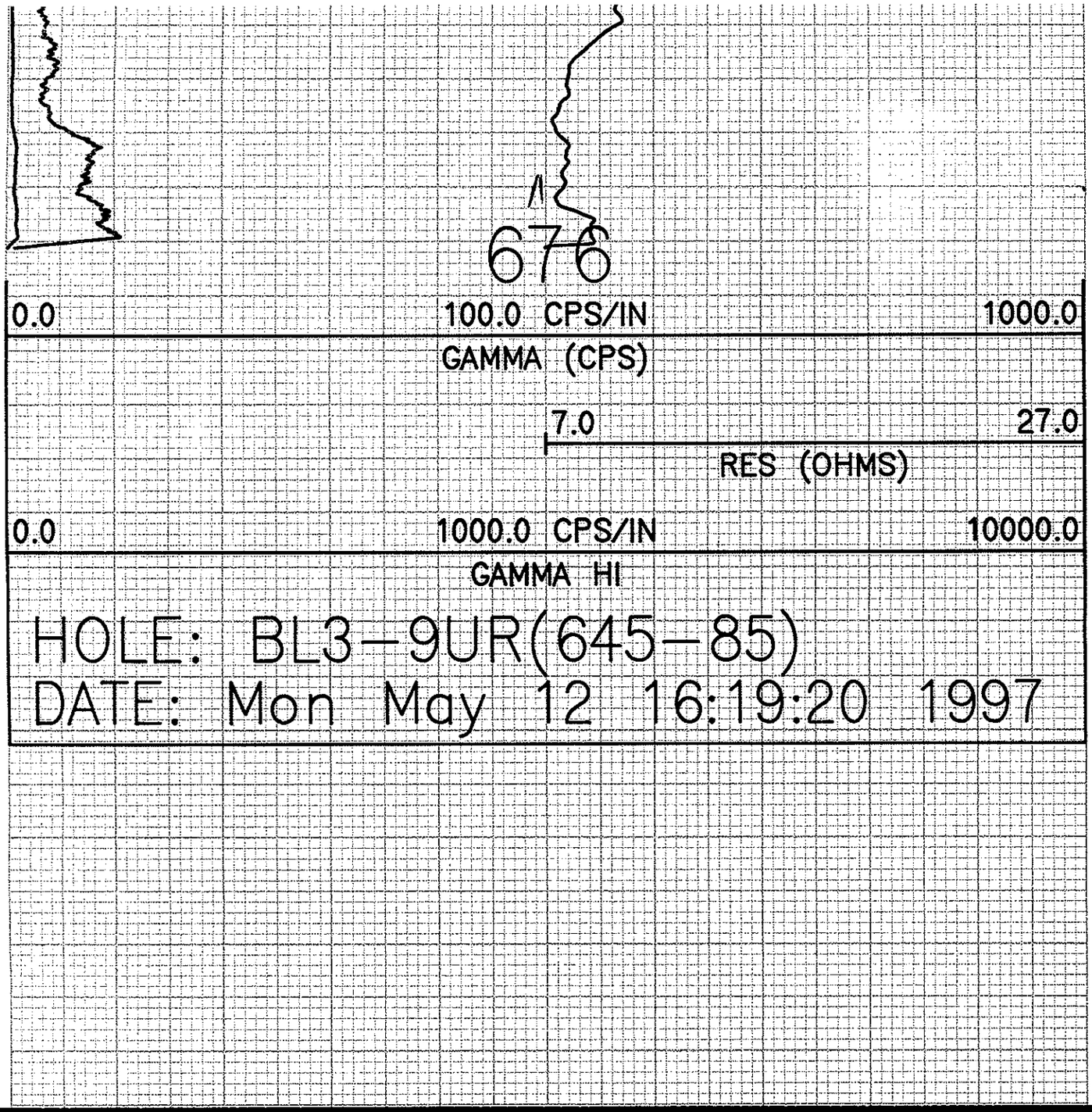
NEUTRON

DETECTOR	– 1 X 6 INCH HE3
SOURCE	– 1.5 Ci AmBe
SPACING	– 14 Inches

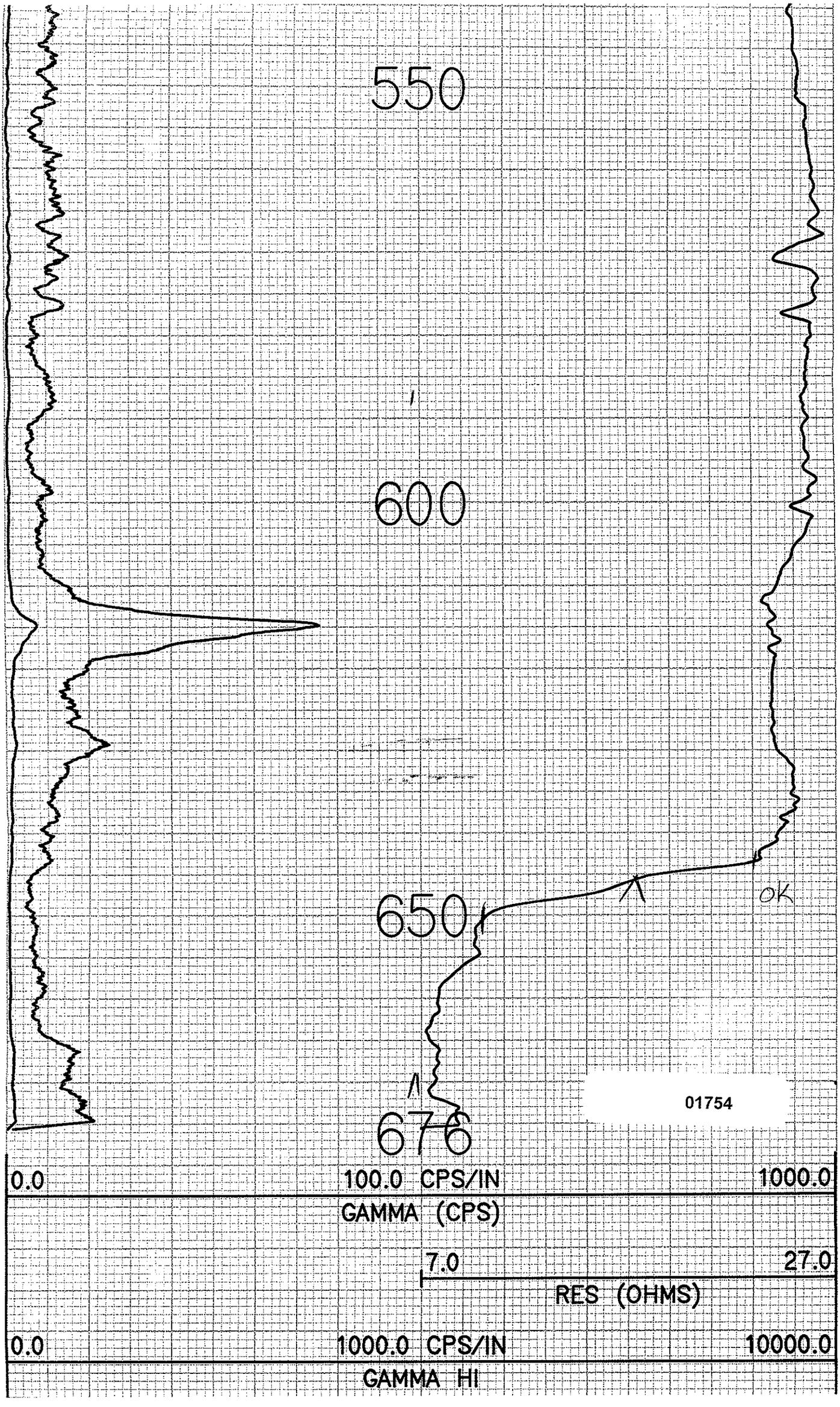
ELECTRIC LOGS

SINGLE POINT RESISTANCE
SP/16 INCH NORMAL
64 INCH NORMAL

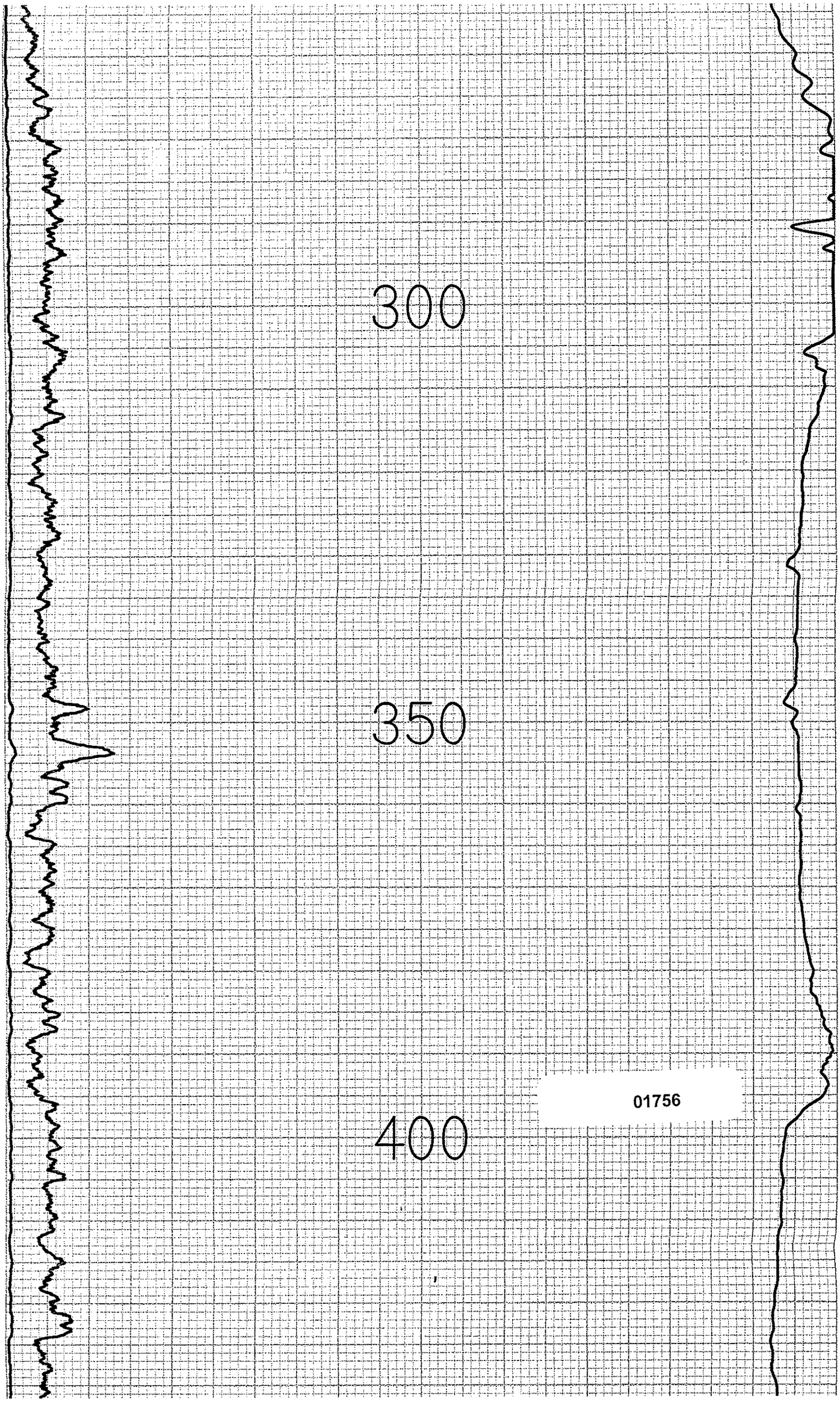



676
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
7.0
27.0
RES (OHMS)
0.0
1000.0 CPS/IN
10000.0
GAMMA HI
HOLE: BL3-9UR(645-85)
DATE: Mon May 12 16:19:20 1997

01753


550
600
650
676
OK
01754
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
7.0
27.0
RES (OHMS)
0.0
1000.0 CPS/IN
10000.0
GAMMA HI

400
450
500
550
01755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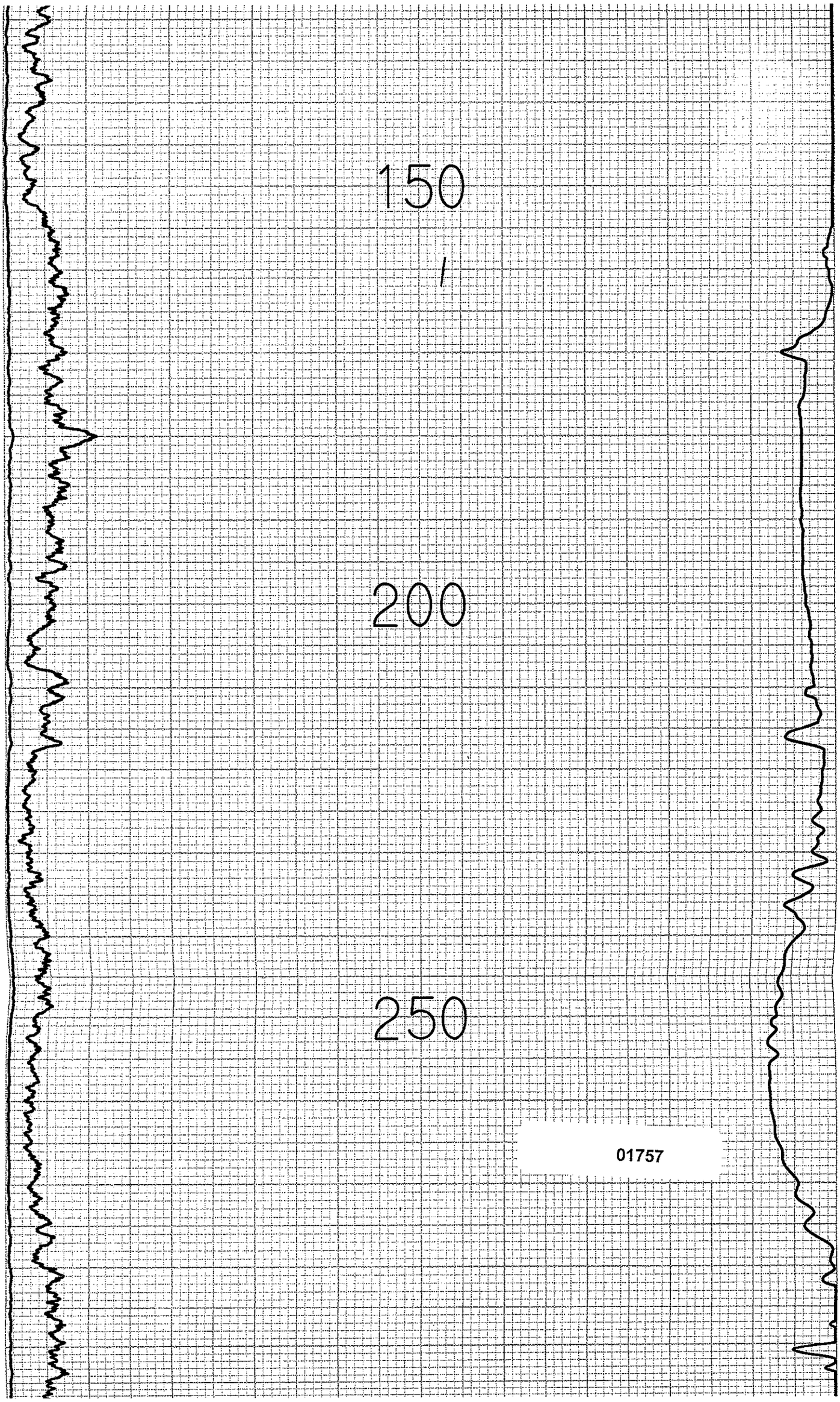
400
01756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200
250
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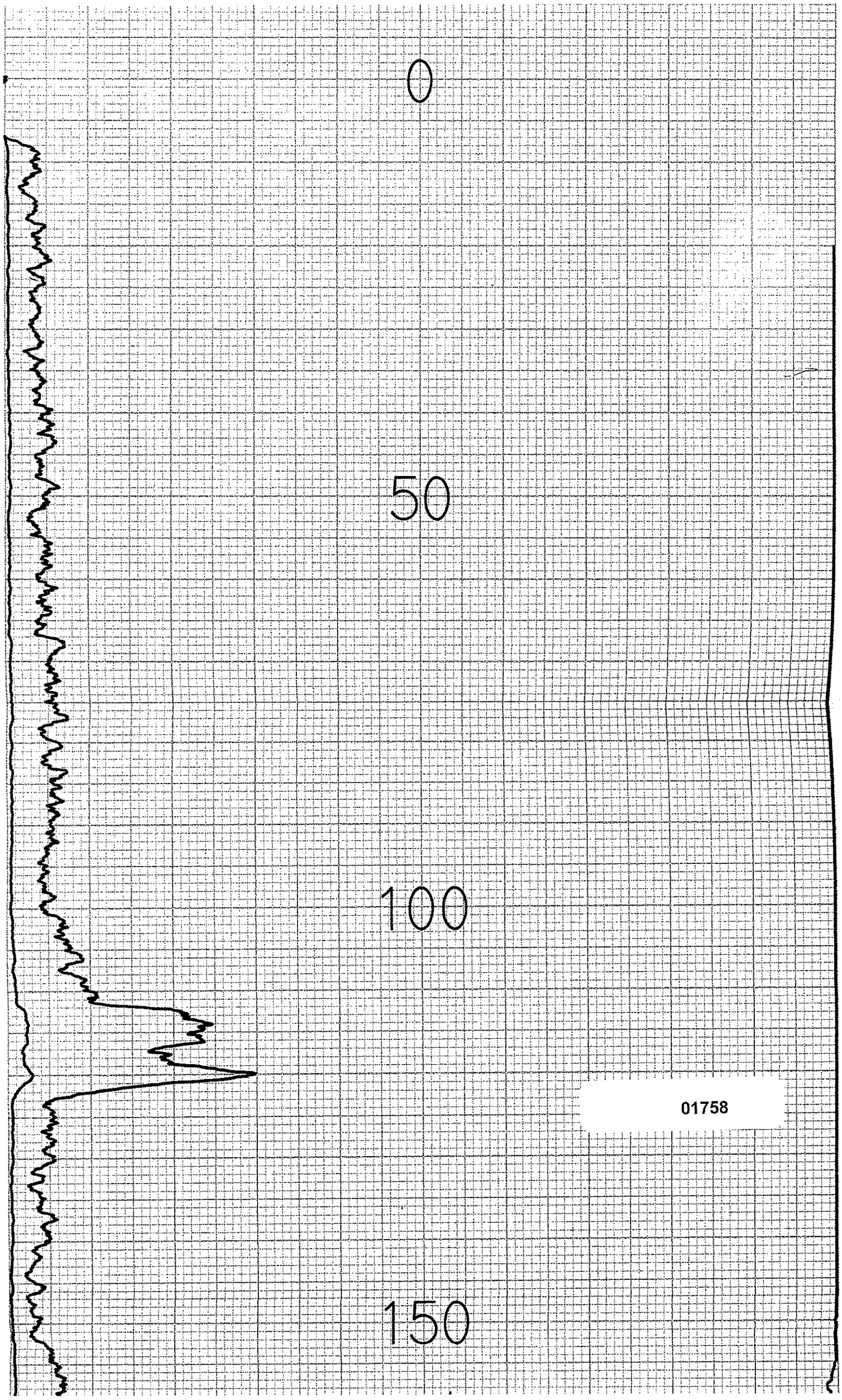

0
50
100
150
01758

URANIUM RESOURCES, INC.

8509
BL3-9

DRILLED WITH: AIR ☐ WATER ☒ HOLE NO. BL3/9

T.D. 720' LOCATION: Rene S.

BIT SIZE 6 1/8"

SAMPLE LOG BY MA LEASE: (PROJECT) KVD

DATE 3-18-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
								Sd; tarnish brn; vf-f; mod srt; sub rd; mod φ; mod K; Sox
								clay; tarnish brn; Sox
10								
20								
30								clay; lt bl gry; rd
40								
50								
60								Sd; lt bl gry; vf-f; mod srt; sub rd; mod φ; mod K; rd
70								Sd; lt gry; vf-f; mod srt; sub rd; mod φ; mod K; rd.
80								clay; lt bl gry rd
90								
200								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00931

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. B-13A

T.D. _____ LOCATION: Zone 2

BIT SIZE _____

SAMPLE LOG BY _____ LEASE: (PROJECT) KID

DATE _____ COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
								Clay; lt bl gry, vf-f; mod srt; sub rd; mod f; mod K; rd
10								
								Clay; lt bl gry; rd.
20								
30								Sd; lt gry, vf-f; mod srt; sub rd; mod f; mod K; rd.
								Clay; lt bl gry; rd.
40								Sd; lt bl gry; vf-f; mod srt; sub rd; mod f; mod K; rd.
								Clay; lt bl gry.
50								
60								
70								
80								Sd; lt bl gry; vf-f; mod srt; sub rd; mod f; mod K; rd.
								Clay; lt bl gry; rd.
90								Sd; lt gry; vf-f; mod srt; sub rd; mod f; mod K; rd.
								Clay; lt bl gry; rd.
100								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00932

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL 3/9

T.D. 72' LOCATION: Rene S.

BIT SIZE 5 1/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 3-18-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
								Clay: lt gy/rd
10								Sd: v gy/lt-f; mod srt/sub rd, mod ft, mod hd.
								Clay: lt bl gy/rd.
20								
30								
40								
								Sd: lt bl gy/lt-f, C/rd sm, 20 bl rd, mod ft, mod hd.
50								
60								
70								
80								
90								
00								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

PAGE 1 OF 1

00933

URANIUM RESOURCES, INC.

DRILLED WITH: AIR ☐ WATER ☐ HOLE NO. _____

T.D. _____ LOCATION: _____

BIT SIZE _____

SAMPLE LOG BY _____ LEASE: (PROJECT) _____

DATE _____ COUNTY _____ STATE _____

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
10								
20								
30								
40								
50								
60								
70								
80								
90								
100								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

PAGE 1 OF 6

00934

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. [illegible]

T.D. [illegible] LOCATION: Rene [illegible]

BIT SIZE [illegible]

SAMPLE LOG BY [illegible] LEASE: (PROJECT) KVD

DATE [illegible] COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
								Sd, reddish brn, f-(c-r), mdgrn, subang, ex ⌀, ex Kl, Bx
10								
20								Clay: [illegible] bl gry, sd
30								
40								Sd, [illegible] gry, f-m, [illegible]
50								
60								
70								
80								
90								
100								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

PAGE [illegible] OF [illegible]

00935

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL-19

T.D. 72' LOCATION: Rose C.

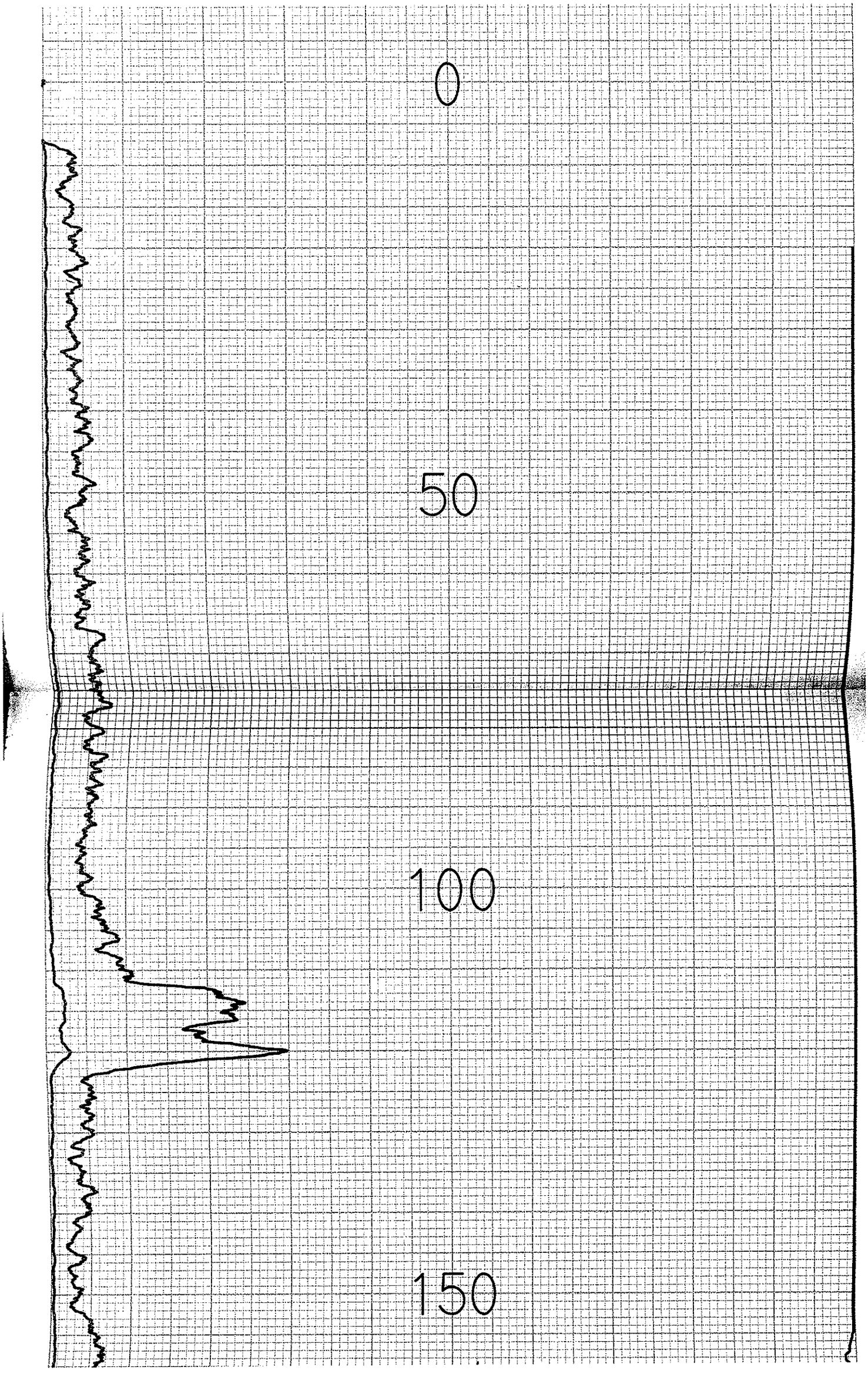
BIT SIZE 6 1/8"

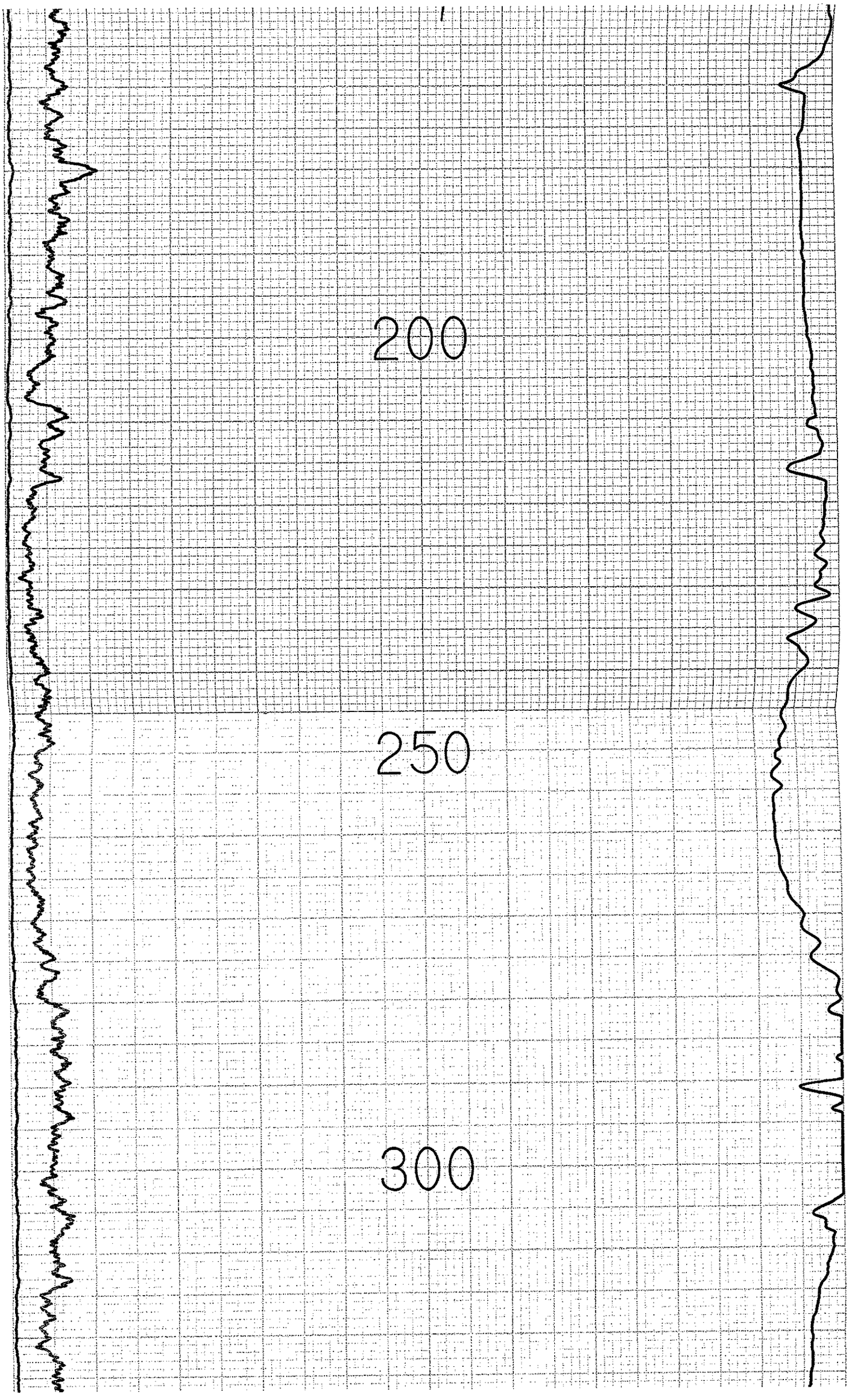
SAMPLE LOG BY MP LEASE: (PROJECT) KLB

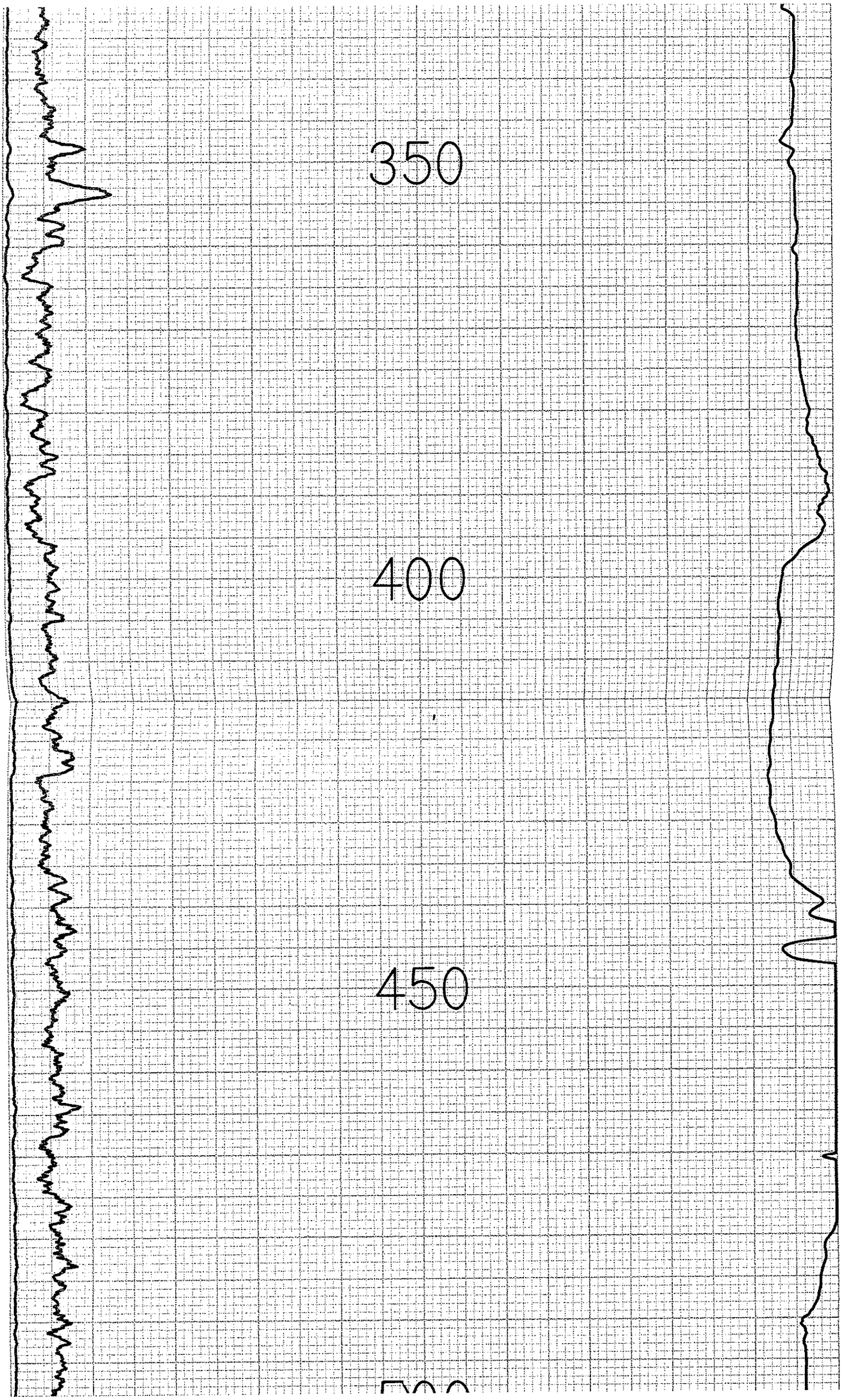
DATE 3-18-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
								L = Limonite (Lmn) SOX Surf. Oxidation Rd. Reduced Rdt. Reduction P = Pyrite (Pyr) P_T = Pyrite Tarnish POX = Primary Oxid. BSOX = Base of Surf. Oxid. 2OX = Secondary Oxid. Tn = Transition Zone fld = Feldspar T = Trace 1 = Minor 2 = Moderate 3 = Abundant C = Carbon K = Kaolin B = Bleached Cht = Chert
								clay in Elgin'd.
10								
20	TD							TD
30								
40								
50								
60								
70								
80								
90								
00								

00936


0
50
100
150


200
250
300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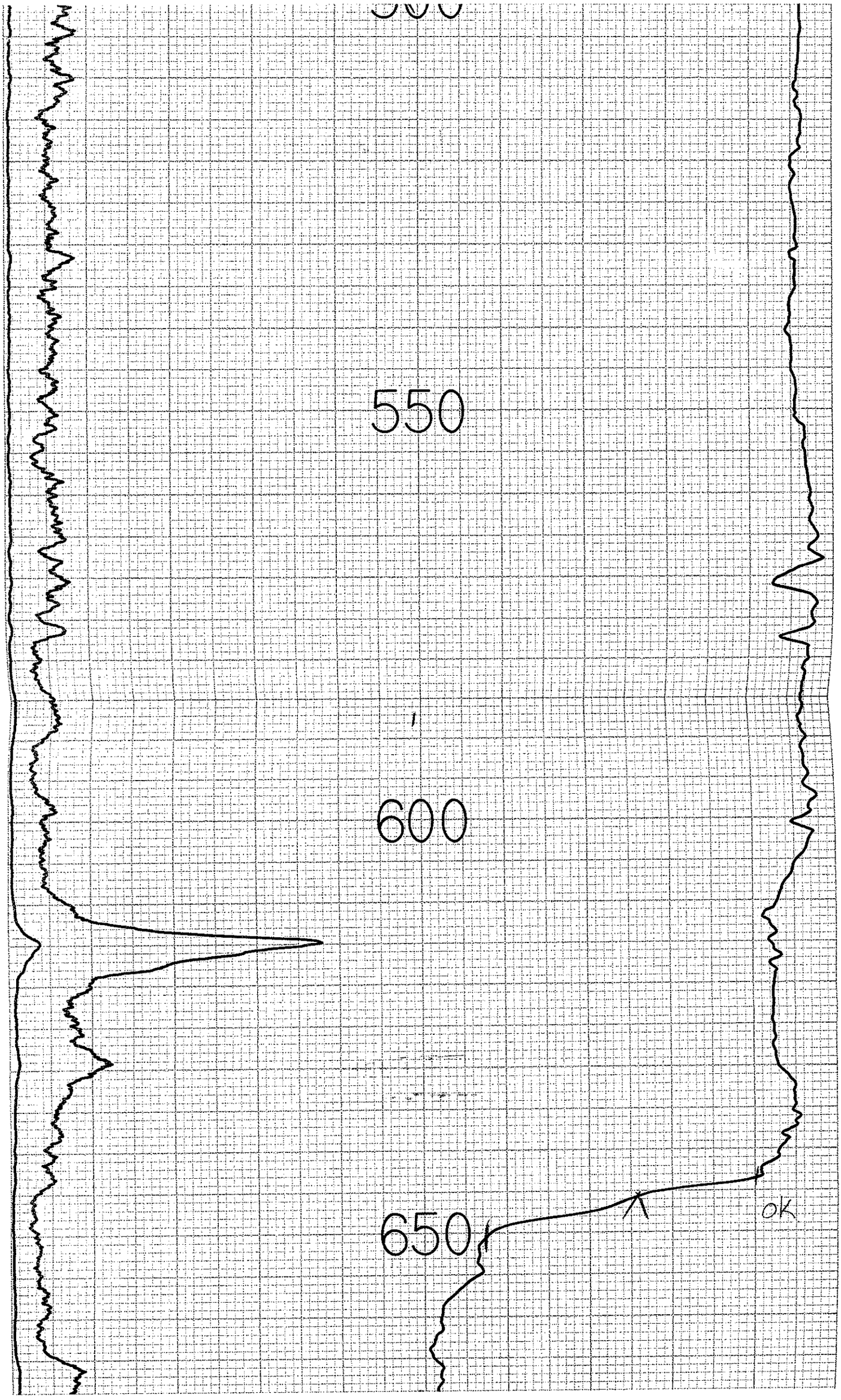
400
450


550
600
650
OK

676

0.0 100.0 CPS/IN 1000.0

GAMMA (CPS)

7.0 27.0

RES (OHMS)

0.0 1000.0 CPS/IN 10000.0

GAMMA HI

HOLE: BL3-9UR(645-85)

DATE: Mon May 12 16:19:20 1997

[redacted]

URI REPLACED BY BL3-10A

HOLE NUMBER BL3-10(705)

KLEBERG COUNTY TEXAS

SEC: ---- TWN: ---- RNG: ----

KVD

TD DRILLED	- 705.0'	ELEVATION	- μ
TD LOGGED	- 638.2'	CASING TYPE	- NONE
LOGGING SPEED	- 60'/MIN.	HOLE FLUID	- H2O
REFERENCE	- SURFACE	DRILLER	- MARIO
BIT SIZE	- 8 3\4"		

REMARKS:

URI
Corpus Christi, Texas
Telephone 512-279-3342

TALBOTT - UNIT: L-4
04-24-97 - 1645 HRS.

TOOL MODEL/SER. NO.: 2025-2

NATURAL GAMMA

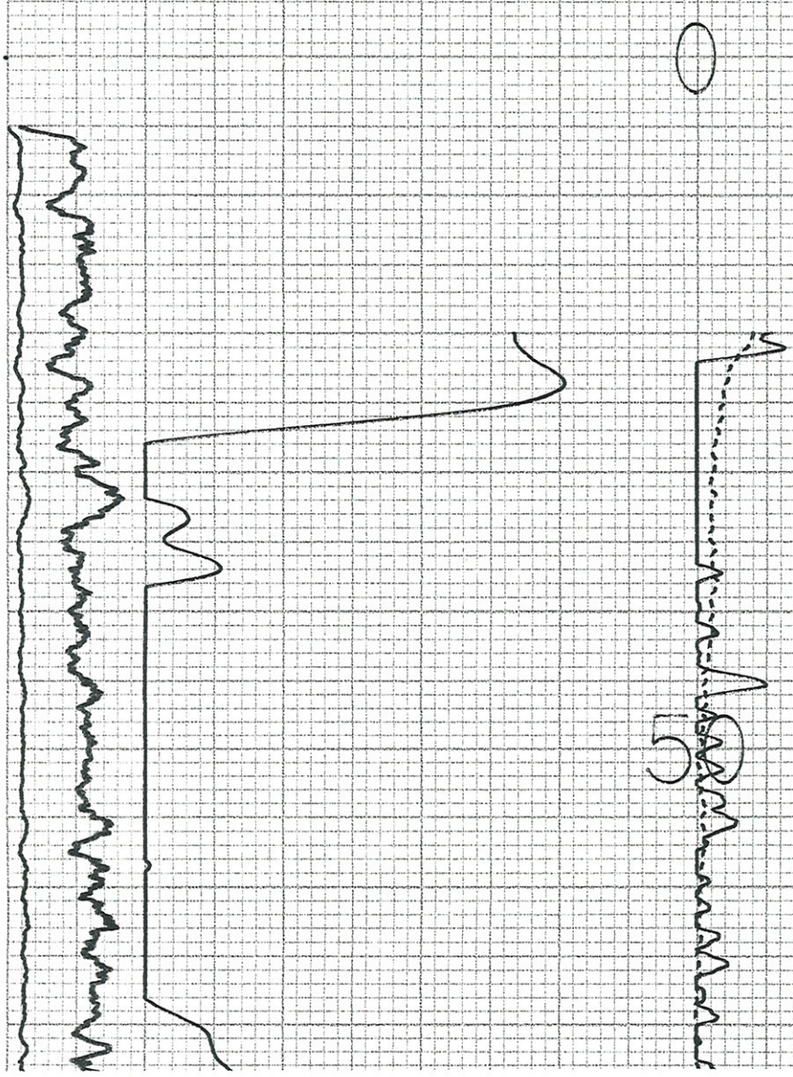
DETECTOR - .875 X 4.0 NaI(T)
K-FACTOR - .00000602
DEADTIME - .00000245
TEST PIT - G.W.
LAST CAL. - 6-27-96
WATER FACTOR - ????
CASING FACTOR-

NEUTRON

DETECTOR - 1 X 6 INCH HE3
SOURCE - 1.5 Ci AmBe
SPACING - 14 Inches

ELECTRIC LOGS

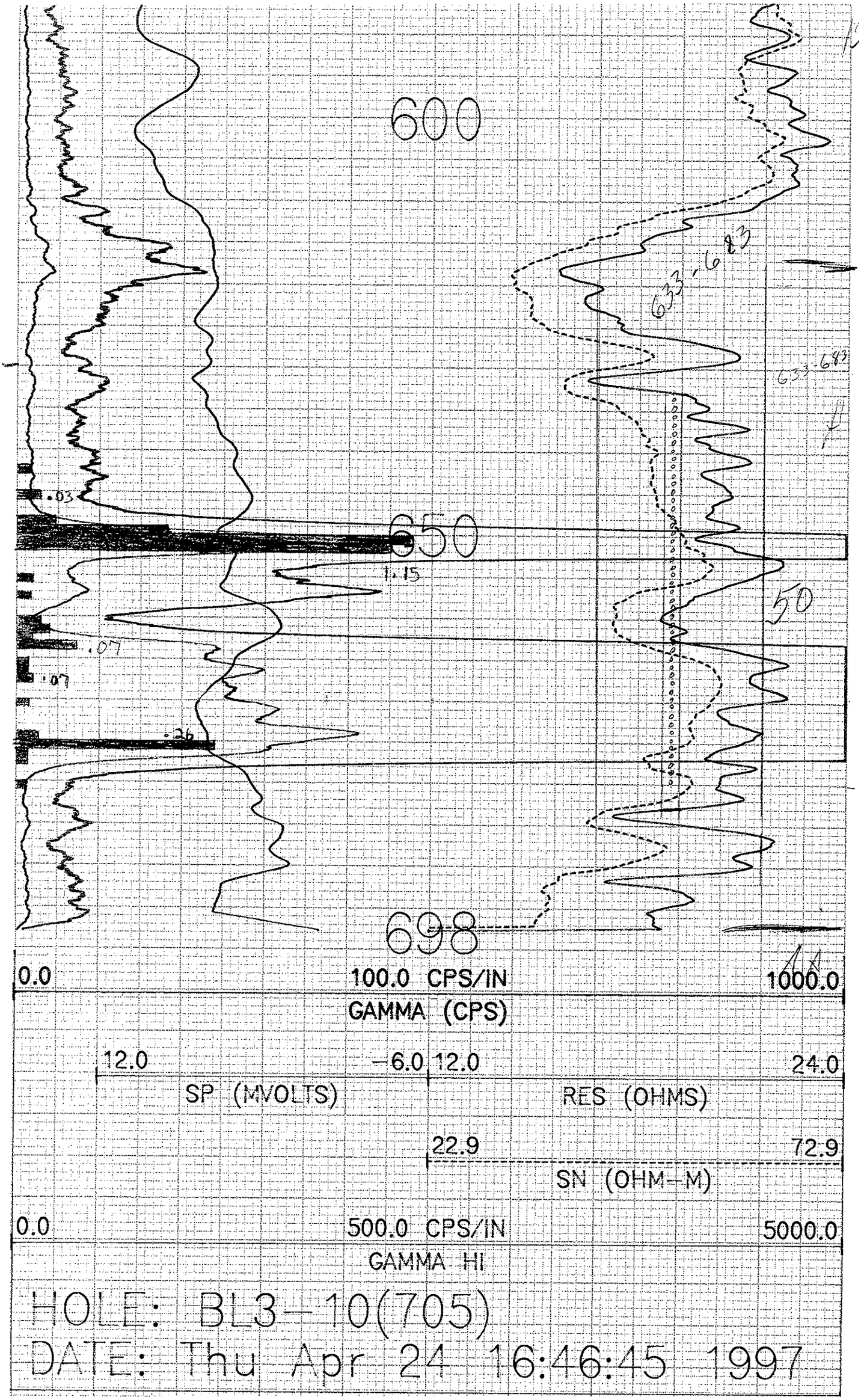
SINGLE POINT RESISTANCE
SP/16 INCH NORMAL
64 INCH NORMAL



00906

00907

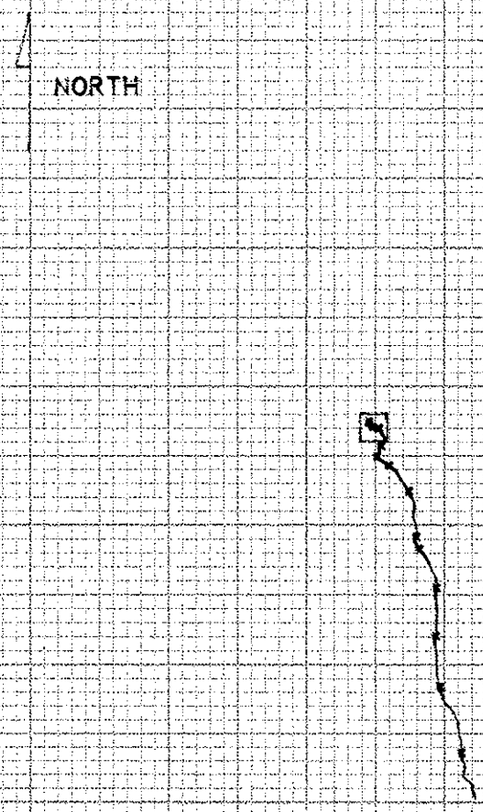
00908


600
650
698
.03
1.15
.07
.07
.26
633-683
633-683
50
0.0
100.0 CPS/IN
GAMMA (CPS)
1000.0
12.0
-6.0
12.0
24.0
SP (MVOLTS)
RES (OHMS)
22.9
72.9
SN (OHM-M)
0.0
500.0 CPS/IN
GAMMA HI
5000.0
HOLE: BL3-10(705)
DATE: Thu Apr 24 16:46:45 1997

DATE: Thu Apr 24 16:46:45 1997

DEVIATION SURVEY

HOLE: BL3-10(705)
DATE: APR 24, 1997
TRUE DEPTH : 698.3
DEVIATION : 16.6
BEARING : 164.5
SCALE FT/IN: 6.0



HOLE NUMBER

URI BL3-10

DO NOT USE

URI
Corpus Christi, Texas
Telephone 512-279-3342

KLEBERG COUNTY TEXAS

TALBOTT - UNIT: L-4
04-23-97 - 1630 HRS.

SEC: --- TWN: --- RNG: ---

TOOL MODEL/SER. NO.: 2025-1

KVD

TD DRILLED	- 630.0'	ELEVATION	- μ
TD LOGGED	- 631.8'	CASING TYPE	- NONE
LOGGING SPEED	- 60'/MIN.	HOLE FLUID	- H2O
REFERENCE	- SURFACE	DRILLER	- MARIO
BIT SIZE	- 5 5/8"		

REMARKS:

NATURAL GAMMA

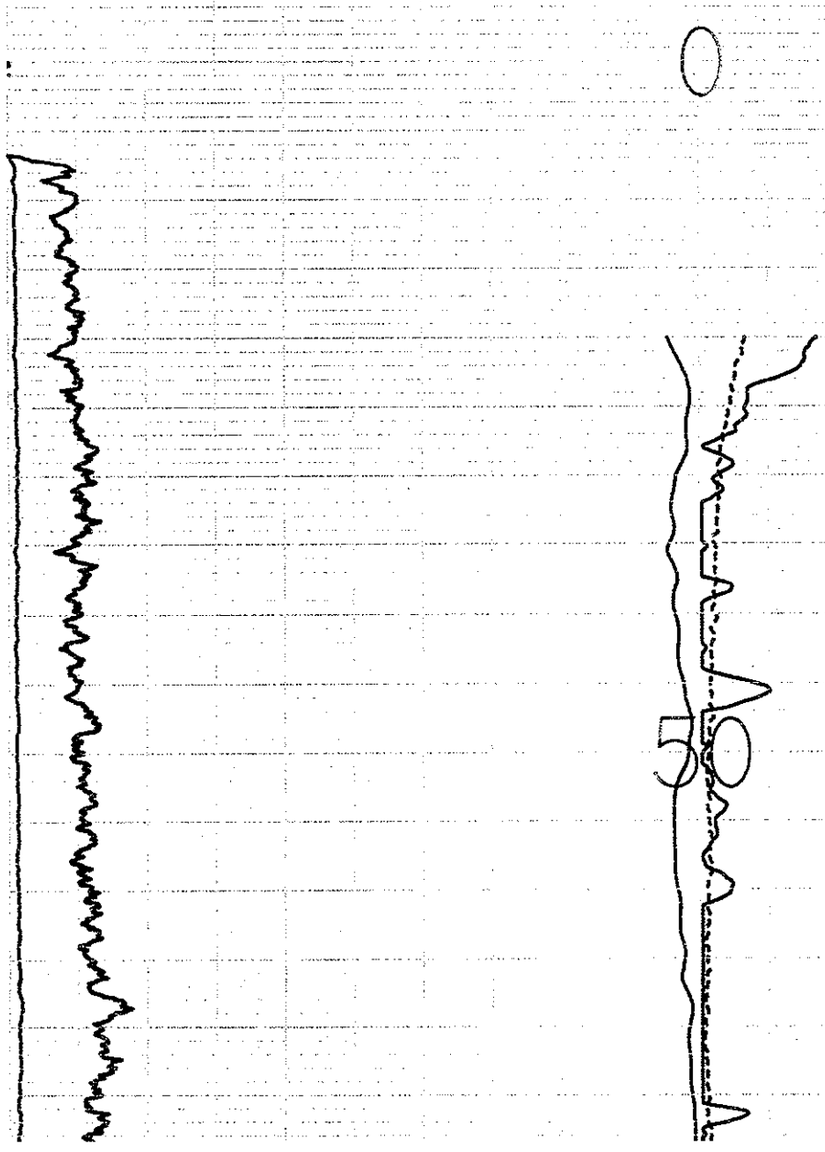
DETECTOR - .875 X 4.0 NaI(T)
K-FACTOR - .00000573
DEADTIME - .00000235
TEST PIT - G.W.
LAST CAL. - 6-27-96
WATER FACTOR - 1.142
CASING FACTOR -

NEUTRON

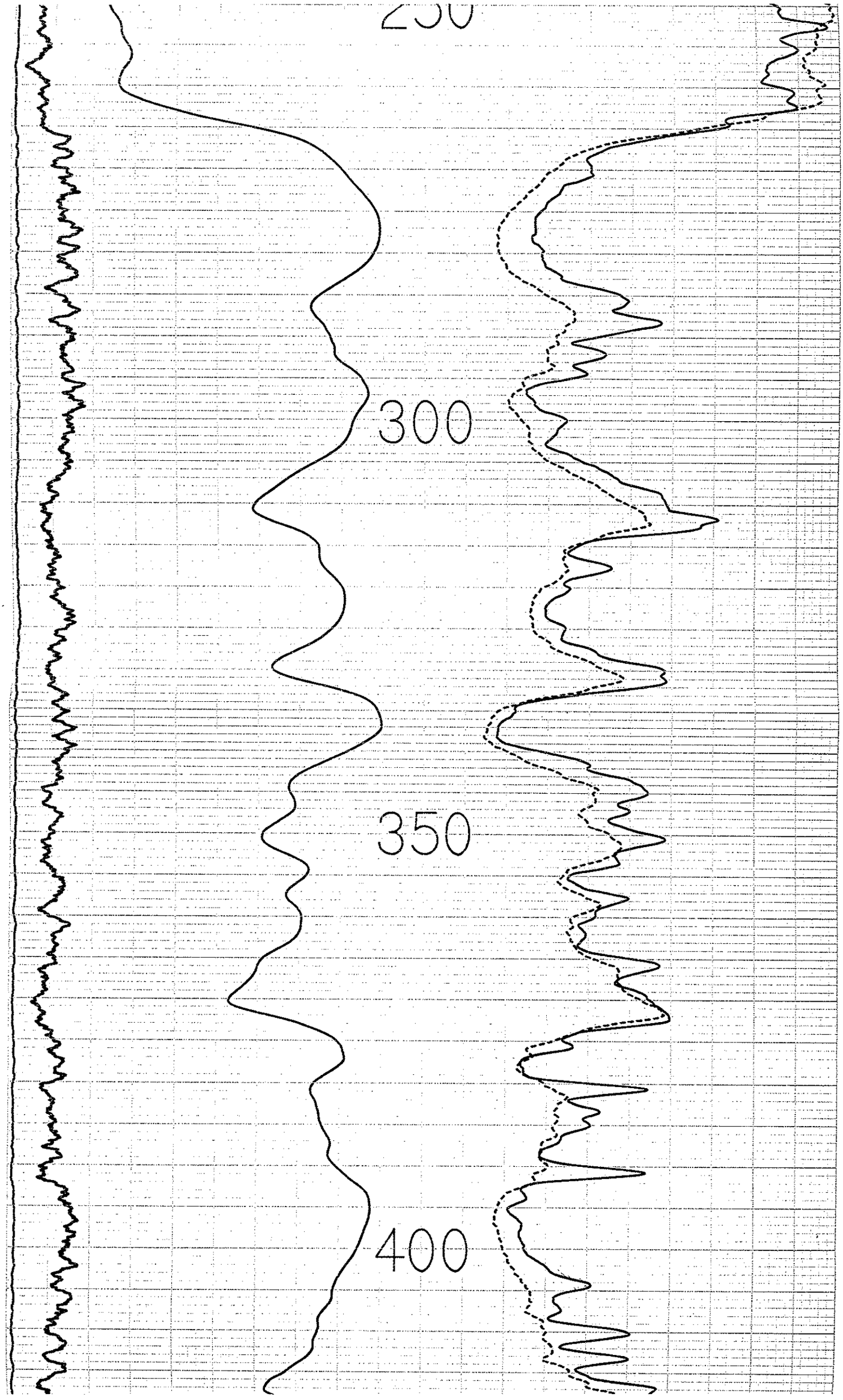
DETECTOR - 1 X 6 INCH HE3
SOURCE - 1.5 Ci AmBe
SPACING - 14 inches

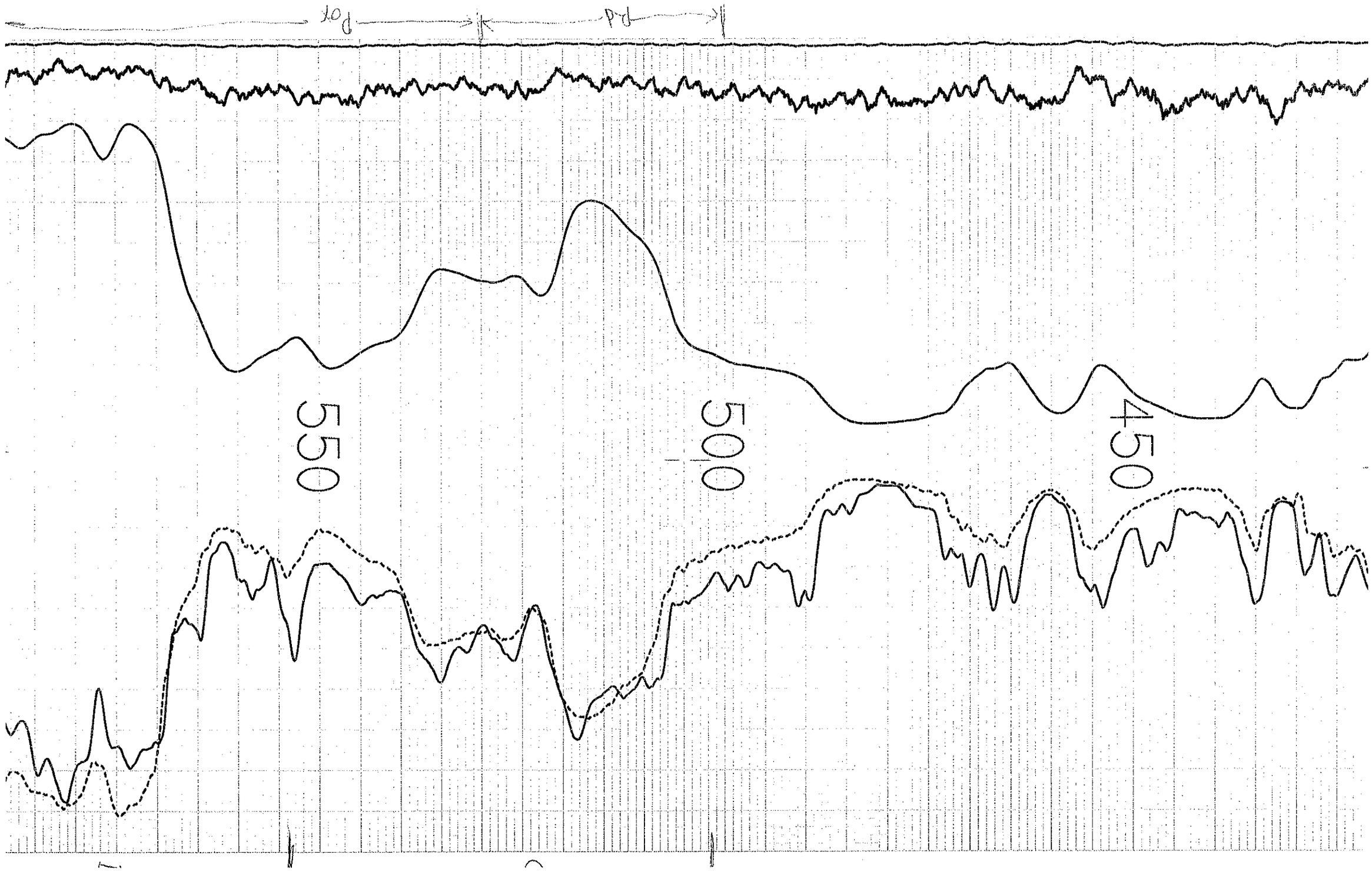
ELECTRIC LOGS

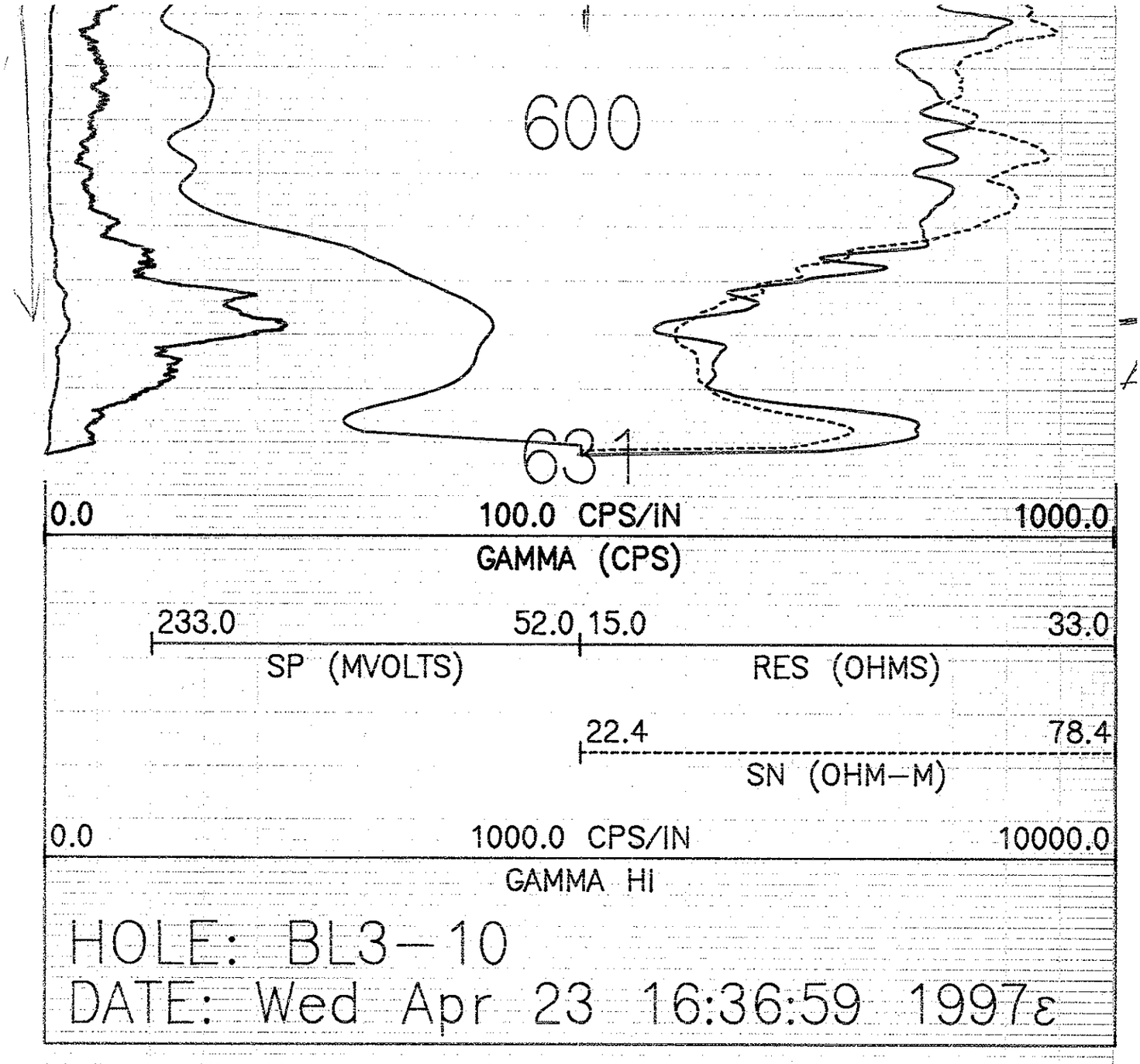
SINGLE POINT RESISTANCE
SP/16 INCH NORMAL
64 INCH NORMAL



100
150
200

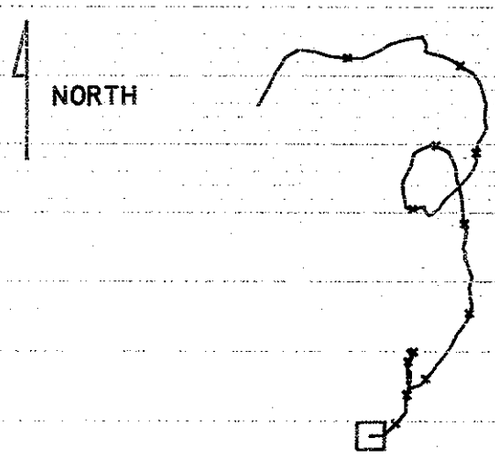

250
300
350
400

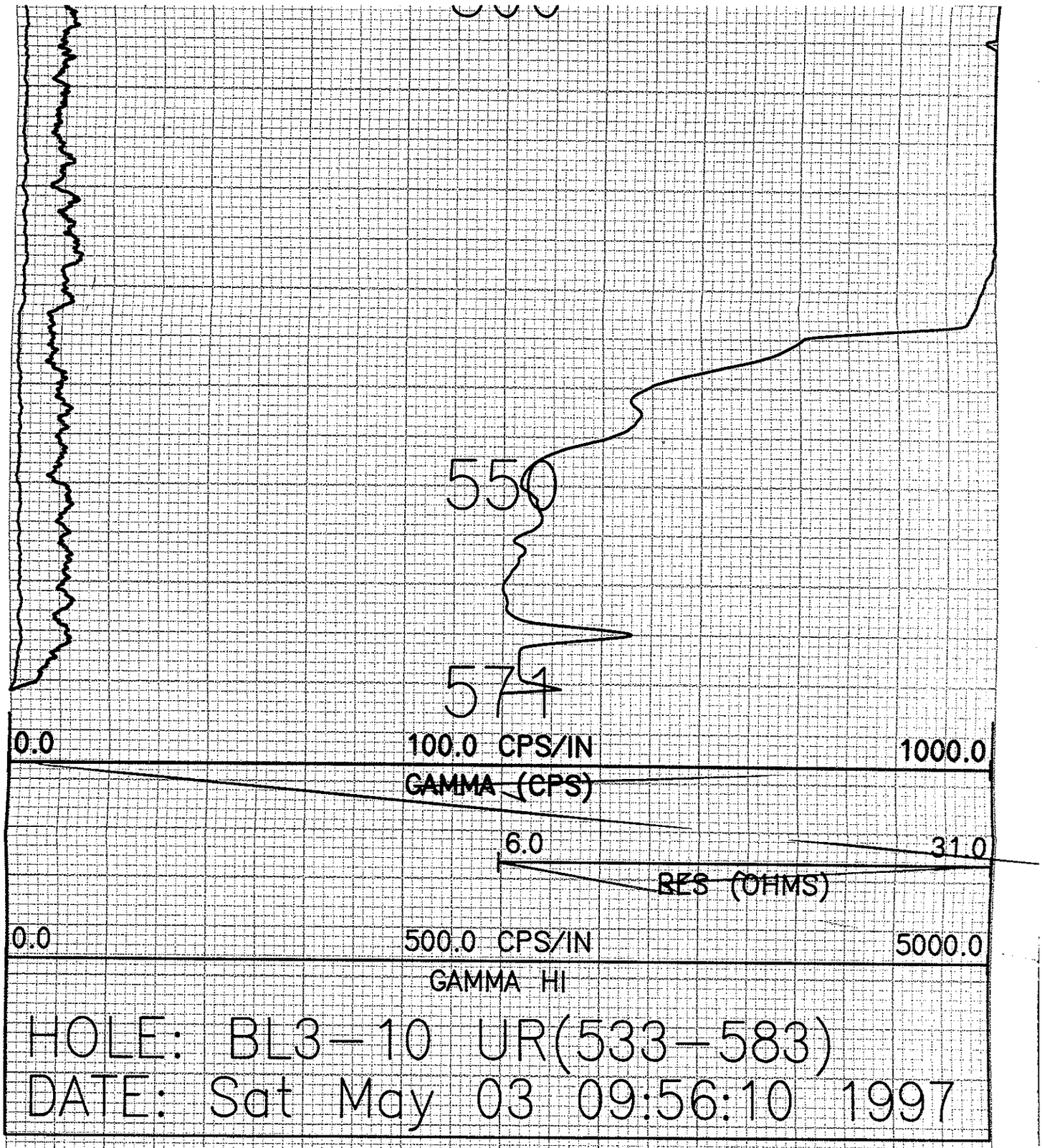

550
500
450

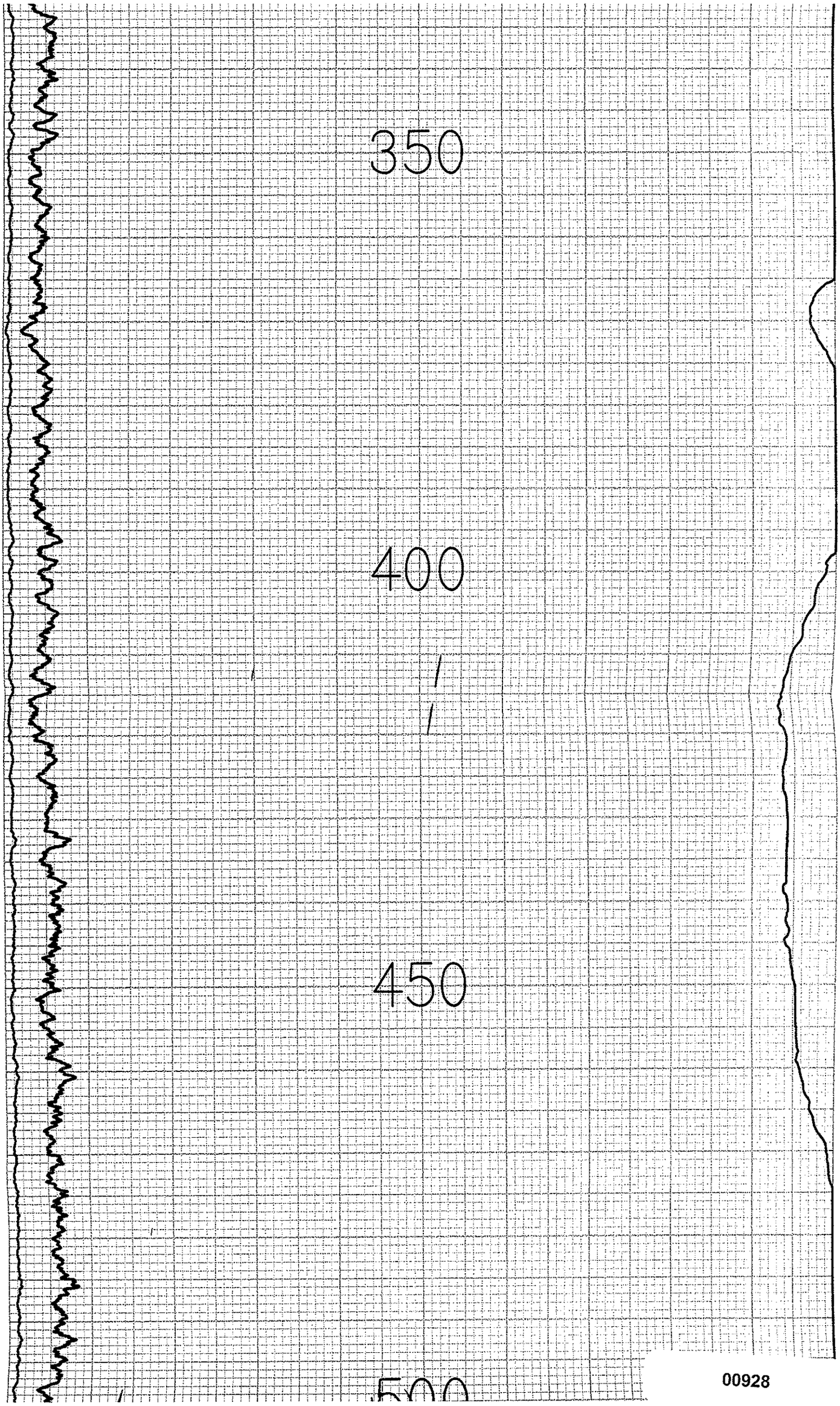


DEVIATION SURVEY

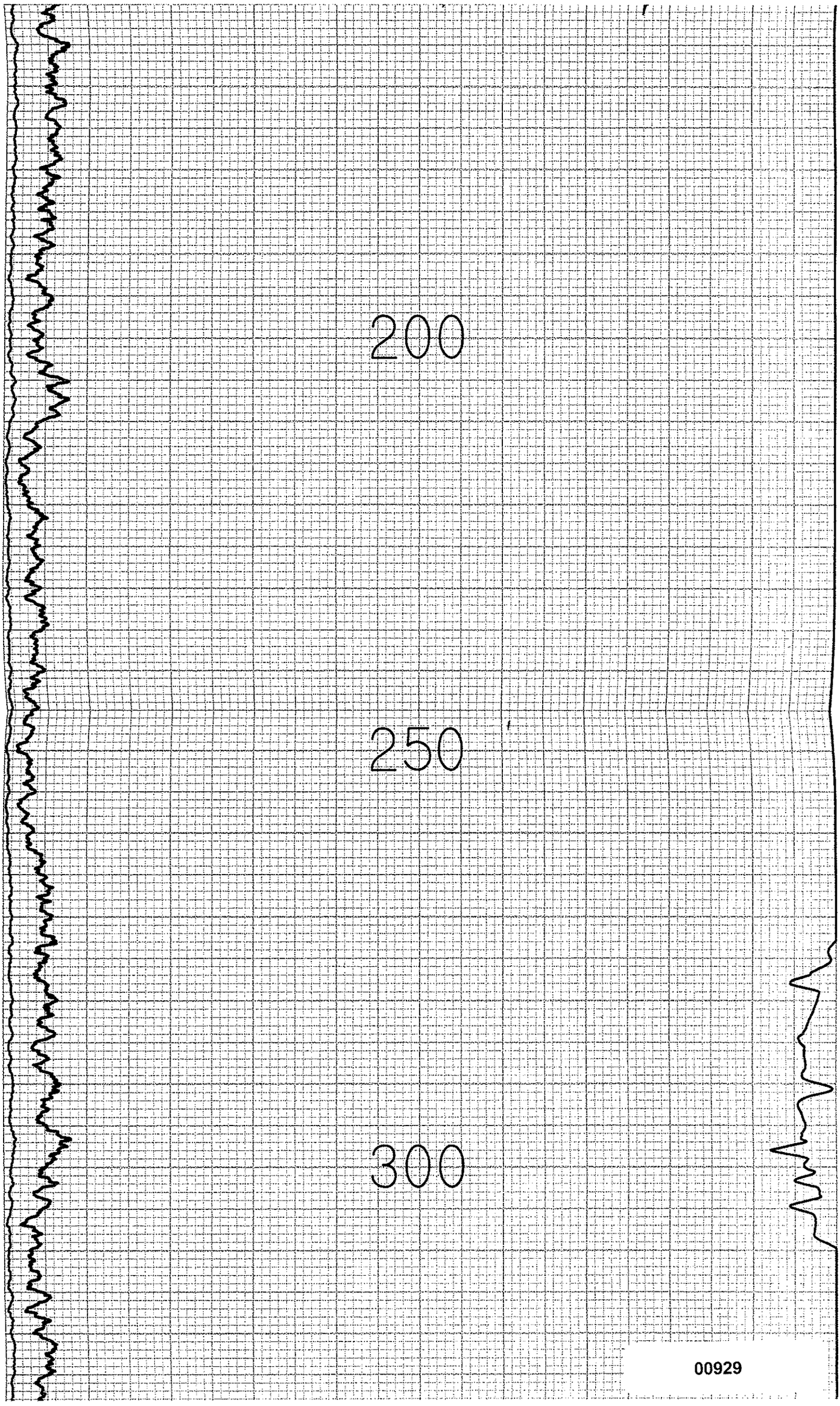
HOLE: BL3-10
DATE: APR 23, 1997
TRUE DEPTH : 631.5
DEVIATION : 5.1
BEARING : 340.9
SCALE FT/IN: 2.0

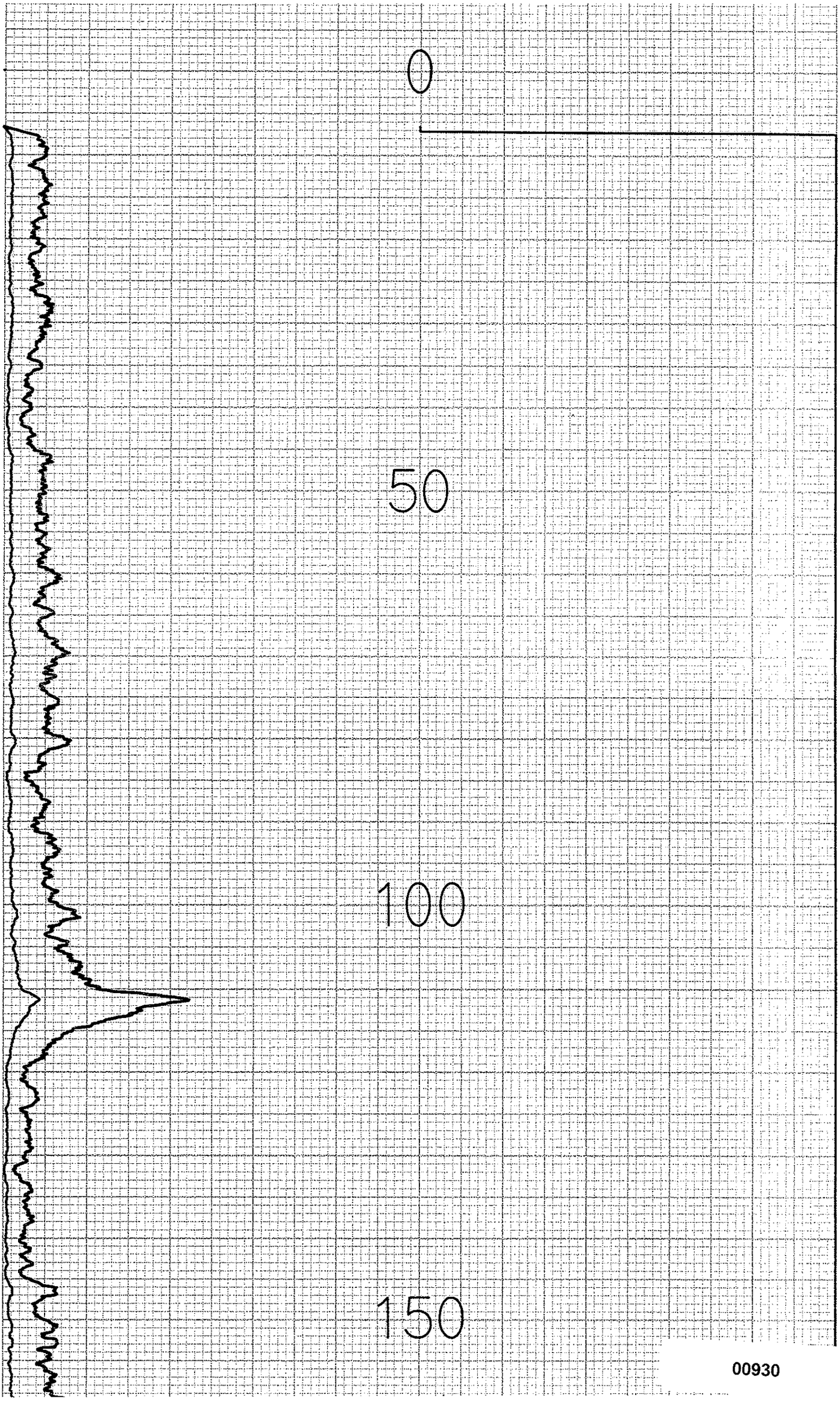



550
571
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
6.0
31.0
RES (OHMS)
0.0
500.0 CPS/IN
5000.0
GAMMA HI
HOLE: BL3-10 UR(533-583)
DATE: Sat May 03 09:56:10 1997

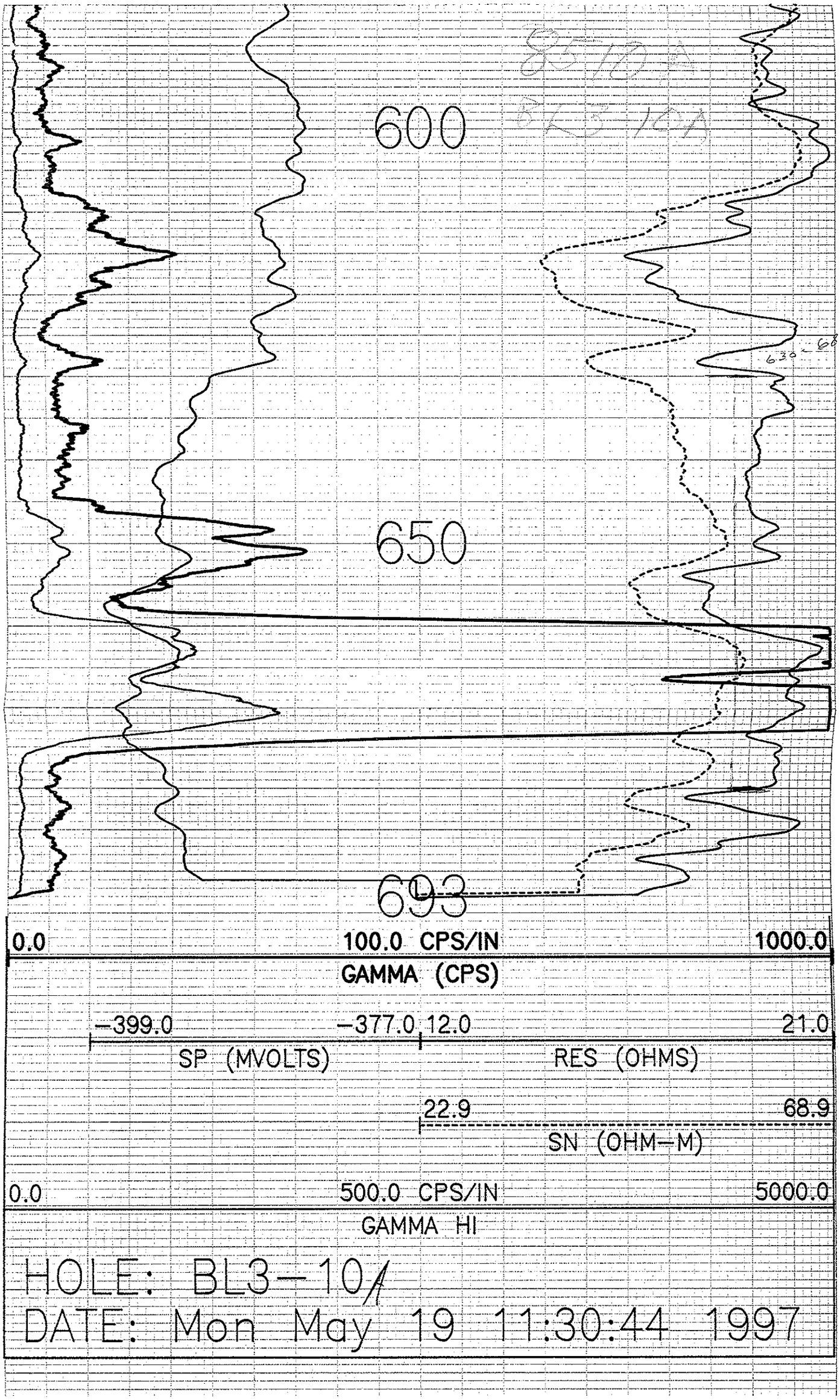


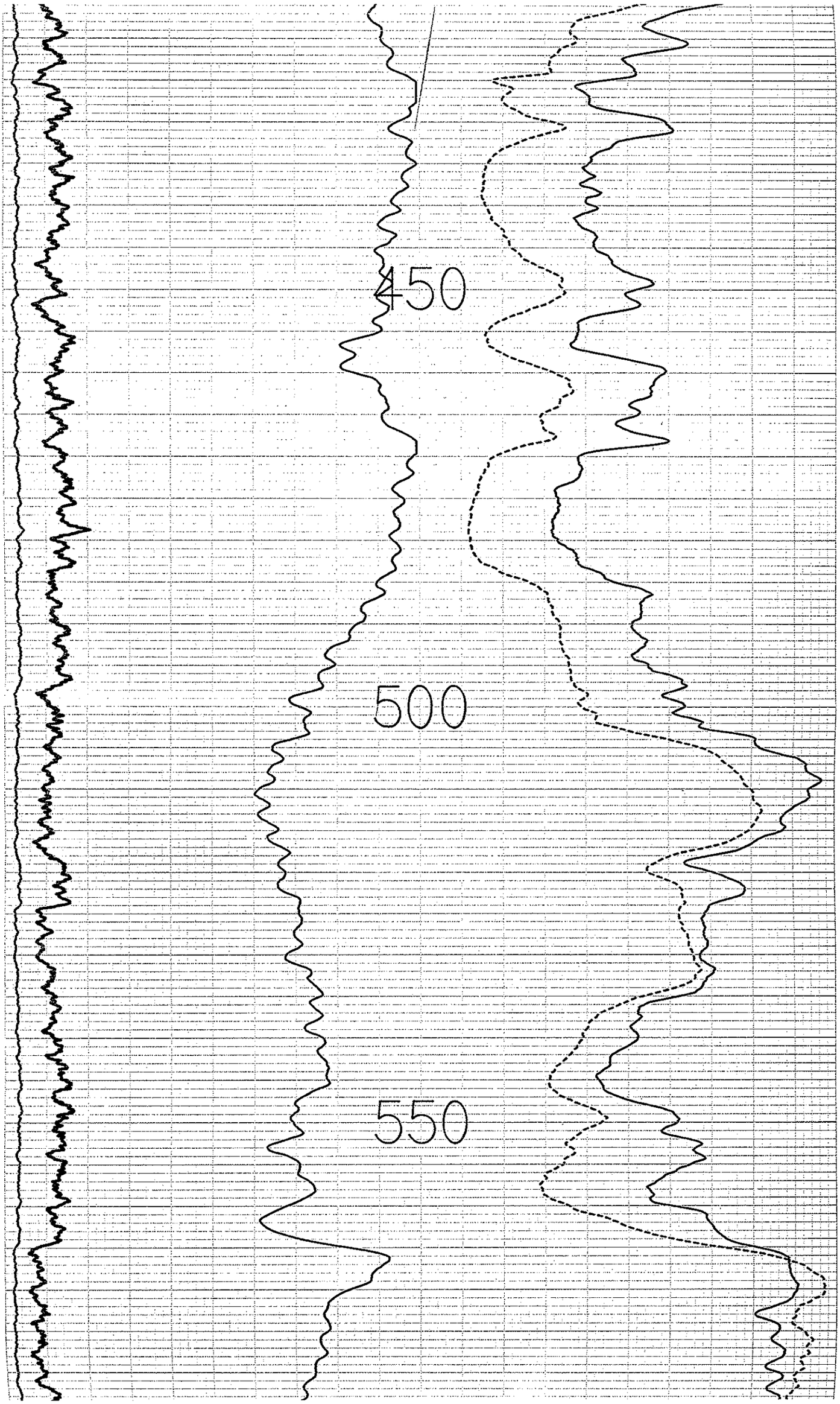
00928

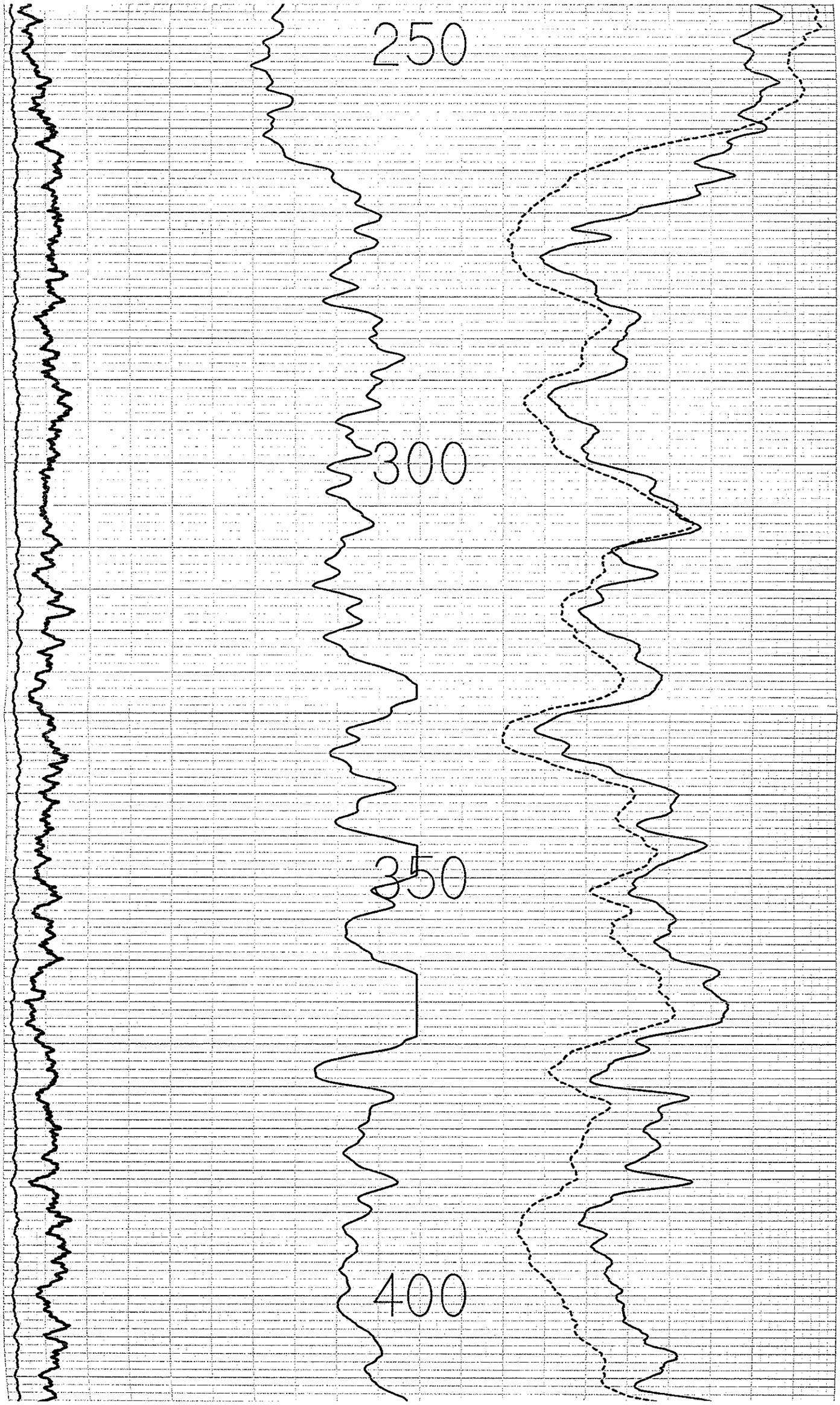

200
250
300
00929



00930


600
650
693
630-680
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
-399.0
-377.0
12.0
21.0
SP (MVOLTS)
RES (OHMS)
22.9
68.9
SN (OHM-M)
0.0
500.0 CPS/IN
5000.0
GAMMA HI
HOLE: BL3-10A
DATE: Mon May 19 11:30:44 1997


450
500
550


250
300
350
400

100
150
200

T510 A

HOLE NUMBER

URI
BL3-10A

KLEBERG COUNTY TEXAS

SEC: --- TWN: --- RNG: ---

KINGSVILLE DOME

TD DRILLED	– 710.0'	ELEVATION	– μ
TD LOGGED	– 694.1'	CASING TYPE	– NONE
LOGGING SPEED	– 60'/MIN.	HOLE FLUID	– H20
REFERENCE	– SURFACE	DRILLER	– J.R
BIT SIZE	– 8 3/4"		

REMARKS:

URI
Corpus Christi, Texas
Telephone 512-279-3342

Henage Magill Jr. – UNIT: L-2
05-19-97 – 1110HRS

TOOL MODEL/SER. NO.: 2025-1

NATURAL GAMMA

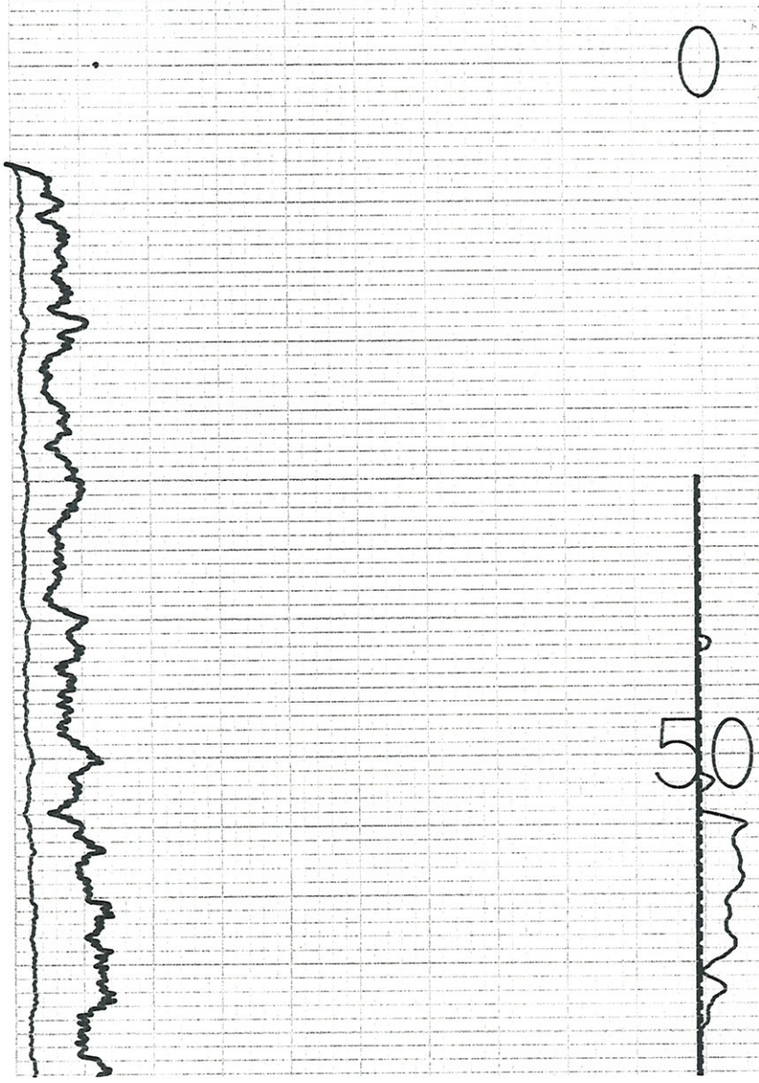
DETECTOR	– .875 X 4.0 NaI(T)
K-FACTOR	– .00000573
DEADTIME	– .0000023
TEST PIT	– G.W.
LAST CAL.	– 4-10-96
WATER FACTOR	– 1.26
CASING FACTOR	–

NEUTRON

DETECTOR	– 1 X 6 INCH HE3
SOURCE	– 1.5 Ci AmBe
SPACING	– 14 Inches

ELECTRIC LOGS

SINGLE POINT RESISTANCE
SP/16 INCH NORMAL
64 INCH NORMAL



URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. RL3/10

T.D. 630' LOCATION: Marg

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 4-23-97 COUNTY KVD STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
0								Clay; tannish brn; Sox.
10								
20								Sd; vf-c; tannish brn; mod cem; sub rd; mod sr; mod Sox
20								Clay; tannish brn; Sox
30								
40								
50								Clay; lt bl gry; rd.
60								
60								Sd; vf-f; lt gry; mod cem; sub rd; mod sr; mod K; rd
70								Clay; lt bl gry; rd
80								
90								
200								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00922

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL 3/n

T.D. 630' LOCATION: Nria

BIT SIZE 5 5/8"

SAMPLE LOG BY MA LEASE: (PROJECT) KVD

DATE 4-23-97 COUNTY Kleberg STATE Tx

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
200								Sd; vf-f; lt gry; mod sw; subrd; ex φ; ex K; rd.
10								Clay; lt bl gry; rd.
20								
30								Sd; vf-f; lt gry; mod sw; subrd; mod φ; mod K; rd
40								Clay; lt bl gry; rd
50								Sd; vf-f; lt gry; mod sw; subrd; mod φ; mod K; rd.
60								Clay; lt bl gry; rd.
70								
80								Sd; vf-f; lt gry; mod sw; subrd; mod φ; mod K; rd
90								
400								Clay; lt bl gry; rd

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00923

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. RL-3/10

T.D. 620' LOCATION: Marin

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 4-22-97 COUNTY Kleberg STATE Tx

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
400								Clay, lt bl gry, rd.
10								
								Sd, vf-f, lt gry, mod srt, sbrd, mod cpt, mod xln
20								Clay, lt bl gry, rd
30								
40								
50								
60								
70								
80								
90								
00								

00924

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL 3/10

T.D. 630' LOCATION: Marin

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 4-23-97 COUNTY Karnes STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Alteration % Reduction	Alteration % Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
SOX								Clay; lt bl gry, rd
10								
RD								
20								
30								Clay; reddish brn; Pox.
40								
50								Sd; vf-f; reddish brn; mod srt; sbrd; Mrdt, mod ft; Pox
60								Clay; reddish brn; Pox.
RD								
70								
80								
90								Sd; vf-f; reddish brn; mod srt; sbrd; mod ft; mod ft; Pox
100								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00925

URANIUM RESOURCES, INC.

DRILLED WITH: AIR ☐ WATER ☒ HOLE NO. BL3/6

T.D. 630' LOCATION: Mave

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 4-23-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
600								Clay; reddish brn; Pox
10								
8								Sd; f-m; reddish brn; mass; sub-rd; ex q, or, lt, bx
20								
30	TD							TD
40								
50								
60								
70								
80								
90								
00								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

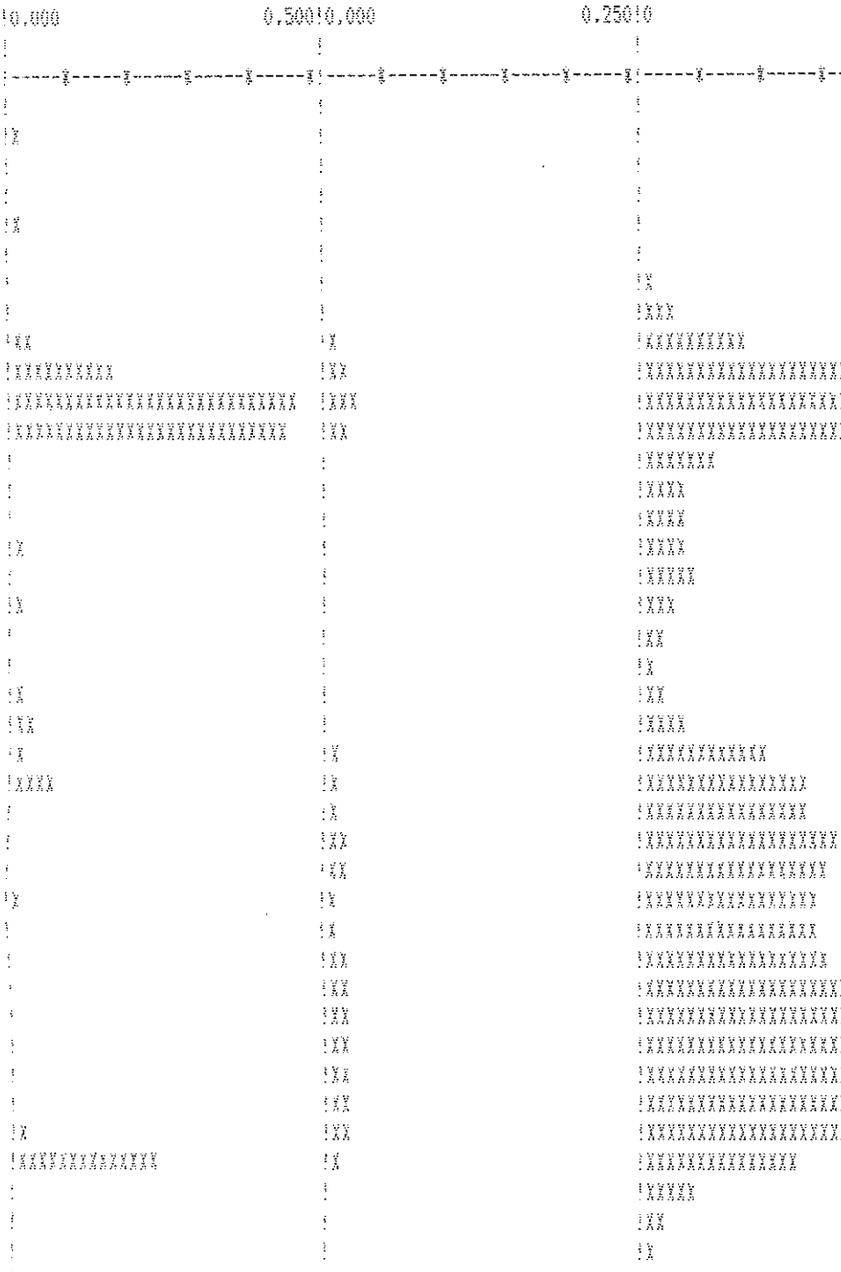
00926

URI, Inc.
5656 South Staples, Suite 250, LB8
Corpus Christi, Texas 78411

Uranium Assay

HOLE IDENTIFICATION	PFN TOOLDATA	GAMMA TOOL DATA
Client : URI	PFN Tool Serial No.: PFN-2	Gamma ID : PFN-2
Hole Number: b13-10 otn	Interval : 643 - 686	K-Factor : 3.540E-05
Project : KVD	Slope : 8.117E+00	Deadtime : 7.140E-06
Bit Size : 8 3/4"	Em/Tn at Zero Grade: 2.940E-03	Calibration Date : PFN CAL 03-25-97
Hole Fluid : drlg.mud	Lbs to Percent Fact: 9.170E-01	Water Factor : 1.000E+00
Time/Date : Fri Apr 25 09:48:39 1997	Hole Size Factor : 2.205E+00	Hole Size Factor : 1.000E+00
	Grade Cutoffs: 0.010, 0.020, 0.030, 0.050	
	Barren Grade Correction in %u3o8: 0.000E+00	

PFN URANIUM ASSAY %U3O8 | GROSS GAMMA EQUIVALENT %U3O8 | GROSS GAMMA (CPS) (DEADTIME CORRECTED)



DEPTH (FEET)	PFN %U3O8 ASSAY	EQUIV. %U3O8 GROSS GAMMA	DEF
643	0.000	0.001	0.000
644	0.018	0.001	19.898
645	0.000	0.001	0.000
646	0.000	0.001	0.000
647	0.029	0.001	33.368
648	0.000	0.001	0.000
649	0.001	0.001	0.679
650	0.000	0.003	0.000
651	0.047	0.010	4.755
652	0.181	0.023	7.962
653	0.478	0.028	17.293
654	0.431	0.019	23.278
655	0.006	0.007	0.814
656	0.000	0.004	0.000
657	0.000	0.004	0.000
658	0.019	0.005	4.130
659	0.000	0.005	0.000
660	0.018	0.004	5.159
661	0.000	0.002	0.000
662	0.000	0.002	0.000
663	0.030	0.002	15.032
664	0.040	0.004	9.320
665	0.019	0.012	1.598
666	0.072	0.015	4.651
667	0.000	0.015	0.000
668	0.014	0.018	0.760
669	0.014	0.018	0.772
670	0.020	0.016	1.235
671	0.000	0.016	0.000
672	0.000	0.017	0.000
673	0.015	0.021	0.712
674	0.000	0.020	0.000
675	0.000	0.024	0.000
676	0.000	0.025	0.000
677	0.000	0.022	0.000
678	0.027	0.020	1.362
679	0.239	0.014	16.843
680	0.013	0.005	2.563
681	0.013	0.002	6.434
682	0.000	0.001	0.000
683	0.000	0.001	0.000
684	0.011	0.001	14.967
685	0.009	0.000	23.967

```
!X           !XX           .AAAAAAAAAAAAAAAAAAA      .
!XXXXXXXXXXXXXX !X         !XXXXXXXXXXXXXXX          !   679   0.239   0.014 16.843
!            !             !XXXXX                    !   680   0.013   0.005  2.563
!            !             !XX                       !   681   0.013   0.002  6.434
!            !             !X                        !   682   0.000   0.001  0.000
!            !             !                         !   683   0.000   0.001  0.000
!            !             !                         !   684   0.011   0.001 14.967
!            !             !                         !   685   0.009   0.000 23.967
!-----X-----X-----X-----X-----X!-----X-----X-----X-----X-----X!-----X-----X-----X-----X-----X!
```

SUMMARY AT CUTOFF NUMBER 1 (0.010%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U308)	GRADE THICKNESS
644 - 645	1	0.018	0.018
647 - 648	1	0.029	0.029
651 - 655	4	0.289	1.157
658 - 659	1	0.019	0.019
660 - 661	1	0.018	0.018
663 - 667	4	0.040	0.162
668 - 671	3	0.016	0.047
673 - 674	1	0.015	0.015
678 - 682	4	0.073	0.292
684 - 685	1	0.011	0.011

Zone Total: 21 Feet of 0.084 Average Grade

SUMMARY AT CUTOFF NUMBER 2 (0.020%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U308)	GRADE THICKNESS
647 - 648	1	0.029	0.029
651 - 655	4	0.289	1.157
663 - 665	2	0.035	0.070
666 - 667	1	0.072	0.072
678 - 680	2	0.133	0.266

Zone Total: 10 Feet of 0.159 Average Grade

SUMMARY AT CUTOFF NUMBER 3 (0.030%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U308)	GRADE THICKNESS
651 - 655	4	0.289	1.157
663 - 665	2	0.035	0.070
666 - 667	1	0.072	0.072
679 - 680	1	0.239	0.239

Zone Total: 8 Feet of 0.192 Average Grade

SUMMARY AT CUTOFF NUMBER 4 (0.050%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U308)	GRADE THICKNESS
652 - 655	3	0.370	1.110
666 - 667	1	0.072	0.072
679 - 680	1	0.239	0.239

Zone Total: 5 Feet of 0.284 Average Grade

00921

JRI, Inc.
5656 South Staples, Suite 250, LB8
Corpus Christi, Texas 78411

ORE GRADE CALCULATION

Hole Number : SL3-10
Date Logged : Mon May 19 11:30:44 1997
Tool ID / SN : 2028-1
K-Factor : 5.730E-06
Counline : 0.300E-06
Calibration Date: 4-27-96
Water Factor : 1.240
Casing Factor : 1.000

Depth	Raw Gamma	Corr. Gamma	Grade	Grade >= 0.010	Grade >= 0.020	Grade >= 0.030	Grade >= 0.050
640.0	74	74	0.001				
640.5	79	79	0.001				
641.0	74	74	0.001				
641.5	67	67	0.001				
642.0	73	73	0.001				
642.5	76	77	0.001				
643.0	73	73	0.001				
643.5	70	70	0.001				
644.0	67	67	0.001				
644.5	68	68	0.001				
645.0	107	107	0.002				
645.5	115	115	0.002				
646.0	118	118	0.002				
646.5	155	155	0.002				
647.0	219	219	0.003				
647.5	262	262	0.004				
648.0	300	300	0.004				
648.5	323	321	0.005				
649.0	297	297	0.004				
649.5	262	262	0.004				
650.0	286	286	0.004				
650.5	337	335	0.005				
651.0	365	365	0.005				
651.5	370	378	0.005				
652.0	301	301	0.004				
652.5	178	178	0.004				
653.0	265	267	0.004				
653.5	237	238	0.003				
654.0	214	214	0.003				
654.5	172	173	0.003				
655.0	177	177	0.003				
655.5	170	170	0.003				
656.0	161	161	0.002				
656.5	155	155	0.002				
657.0	156	156	0.002				
657.5	142	142	0.002				
658.0	166	166	0.002				
658.5	239	240	0.003				
659.0	372	372	0.006				
659.5	659	660	0.010				
660.0	899	900	0.013	0.013			
660.5	1021	1022	0.015	0.015			
661.0	1013	1014	0.015	0.015			
661.5	971	973	0.014	0.014			
662.0	1066	1067	0.015	0.015			
662.5	1110	1113	0.016	0.016			
663.0	1129	1127	0.016	0.016			
663.5	1077	1100	0.016	0.016			
664.0	1037	1040	0.015	0.015			
664.5	1001	1003	0.014	0.014			
665.0	1002	1005	0.015	0.015			
665.5	935	937	0.014	0.014			

577.0	[illegible]	[illegible]	0.004		
577.5	188	188	0.002		
578.0	237	237	0.003		
578.5	272	275	0.004		
579.0	557	565	0.010		
579.5	879	900	0.012	0.012	
580.0	1021	1032	0.013	0.013	
580.5	1012	1014	0.015	0.015	
581.0	971	977	0.014	0.014	
581.5	1060	1067	0.015	0.015	
582.0	1110	1117	0.016	0.016	
582.5	1124	1129	0.016	0.016	
583.0	1097	1102	0.016	0.016	
583.5	1037	1040	0.015	0.015	
584.0	1001	1003	0.014	0.014	
584.5	1002	1005	0.015	0.015	
585.0	935	937	0.014	0.014	
585.5	531	532	0.013	0.013	
586.0	896	897	0.012	0.012	
586.5	893	895	0.013	0.013	
587.0	1033	1037	0.015	0.015	
587.5	1212	1216	0.018	0.018	
588.0	1352	1356	0.020	0.020	
588.5	1410	1414	0.020	0.020	0.020
589.0	1493	1498	0.021	0.021	0.021
589.5	1571	1577	0.022	0.023	0.023
590.0	1629	1635	0.024	0.024	0.024
590.5	1560	1566	0.023	0.023	0.023
591.0	1420	1425	0.021	0.021	0.021
591.5	1237	1241	0.018	0.018	
592.0	1091	1093	0.016	0.016	
592.5	918	920	0.013	0.013	
593.0	665	666	0.010		
593.5	432	433	0.006		
594.0	302	302	0.004		
594.5	216	216	0.003		
595.0	132	132	0.002		
595.5	91	91	0.001		
596.0	76	76	0.001		
596.5	67	67	0.001		
597.0	58	58	0.001		
597.5	56	56	0.001		
598.0	62	62	0.001		
598.5	64	64	0.001		
599.0	61	61	0.001		

CUTOFF NUMBER 1

NUMBER OF HALF FOOT INTERVALS = 27
AVERAGE GRADE = 0.017
GRADE-THICKNESS PRODUCT = 0.233

CUTOFF NUMBER 2

NUMBER OF HALF FOOT INTERVALS = 1
AVERAGE GRADE = 0.033
GRADE-THICKNESS PRODUCT = 0.066

****
********** END OF ZONE **********
****

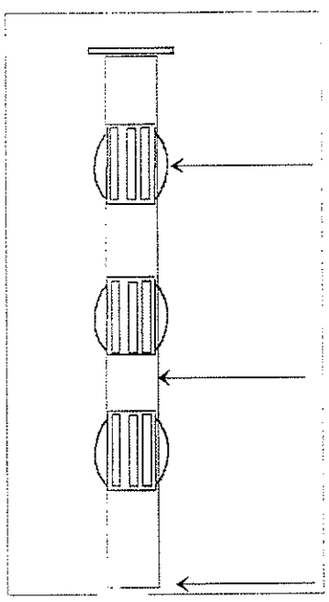
Well Name: BL-8510

Date: 24-Apr-97

Driller:

Project: Kingsville Dome

Completion Type: Casing through the interval for a underreamed completion with a gravel pack.



Joints of 6 in Casing Required: 35.0 Jts.

Length of Short 6 in Casing 20 **ft.** **To be run as Last Jt. in hole**

Run Centralizers at: 1st, 4th, 15th & 22nd joints from bottom of casing

Cement Displaced to: 660 ft. inside of casing.

Pipe Size: 6.53 in. (6" Casing)

Hole Reamed to: 703 ft.

35.9 (bbls) Volume of Cement Slurry Volume Required

Cement Designed 23.8 (bbls) Mixing Water Required = 997.9 Gals.

to be: 13.5 ppg 121.0 Sacks of Cement Required

Cement Yield: 1.67 cuft sx 2.3 Sacks of Gel Required = ******lbs of Gel Required

937 gallons Displacement Volume Required

or

22.3 bbls Displacement Volume Required

50 % Excess Cement

129.5 Annular Volume (cuft.)

Final Weight of Cement _____

BBls Returns _____

Witnessed by: _____

Well Name: BL-3-10 Plug Well

Date: 5-14-97

Driller: David

Project: KVD

For Plugged Holes
"Not" Near Producing Wells

Hole Size 5.875 Inches

620'
700

Well Depth 600 ft.

Cement in Hole 300 ft.

30.0 ~~36.0~~ ~~12.1~~ Total Volume of Cement Slurry (bbls)

Cement Designed 20.0 ~~24.0~~ ~~8.4~~ BBls of Mixing Water Required 351.9 Gallons of Mixing Water Required

to be: 13.0 ppg 36.6 Sacks of Cement Required

Cement Yield: 1.85 cuft/ sx 0.7 Sacks of Gel Required 34.4 lbs of Gel Required

20 Percent Excess Cement Required

Place 2/3rds of the cement at btm for a cement plug 8.0 bbls
and 1/3rd of the cement at the shallowest sand selected by Geology 4.0 bbls

Final Weight of Cement 13.1

BBls Returns

Witnessed by: Rudy G.

SN (OHM-M)

0.0 500.0 CPS/IN 5000.0

GAMMA HI

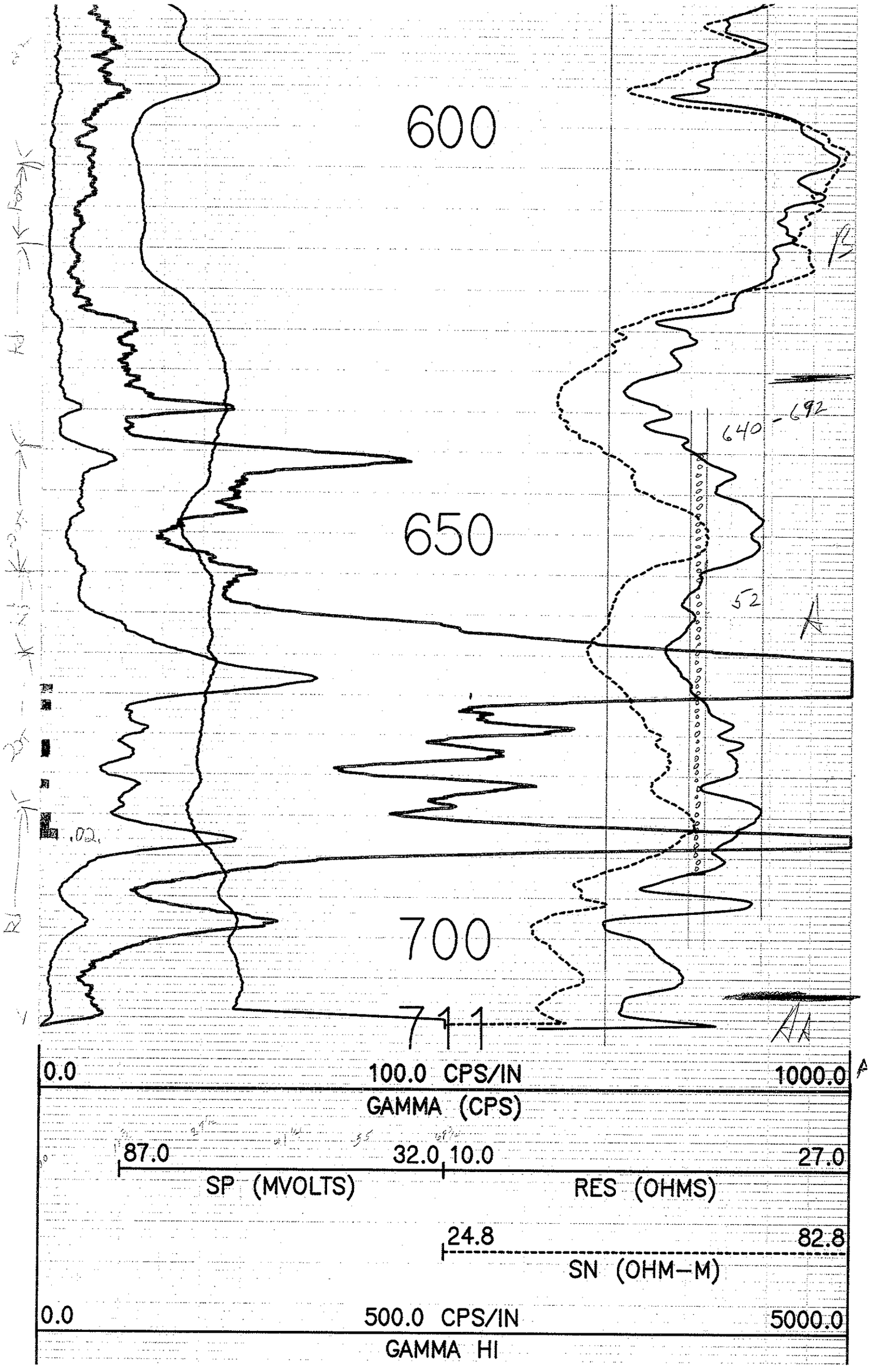
HOLE: BL3\11

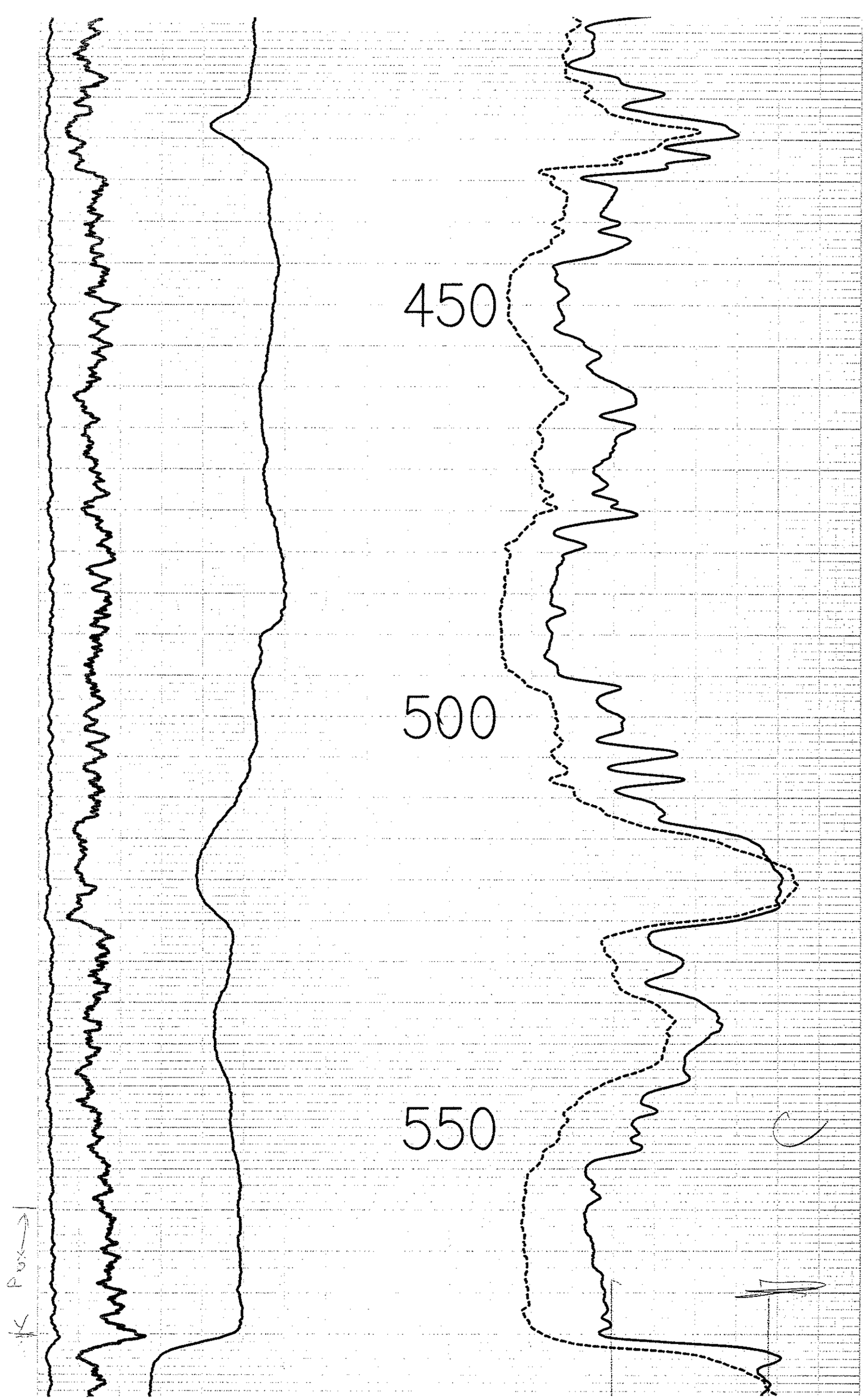
DATE: Thu Mar 13 17:36:03 1997

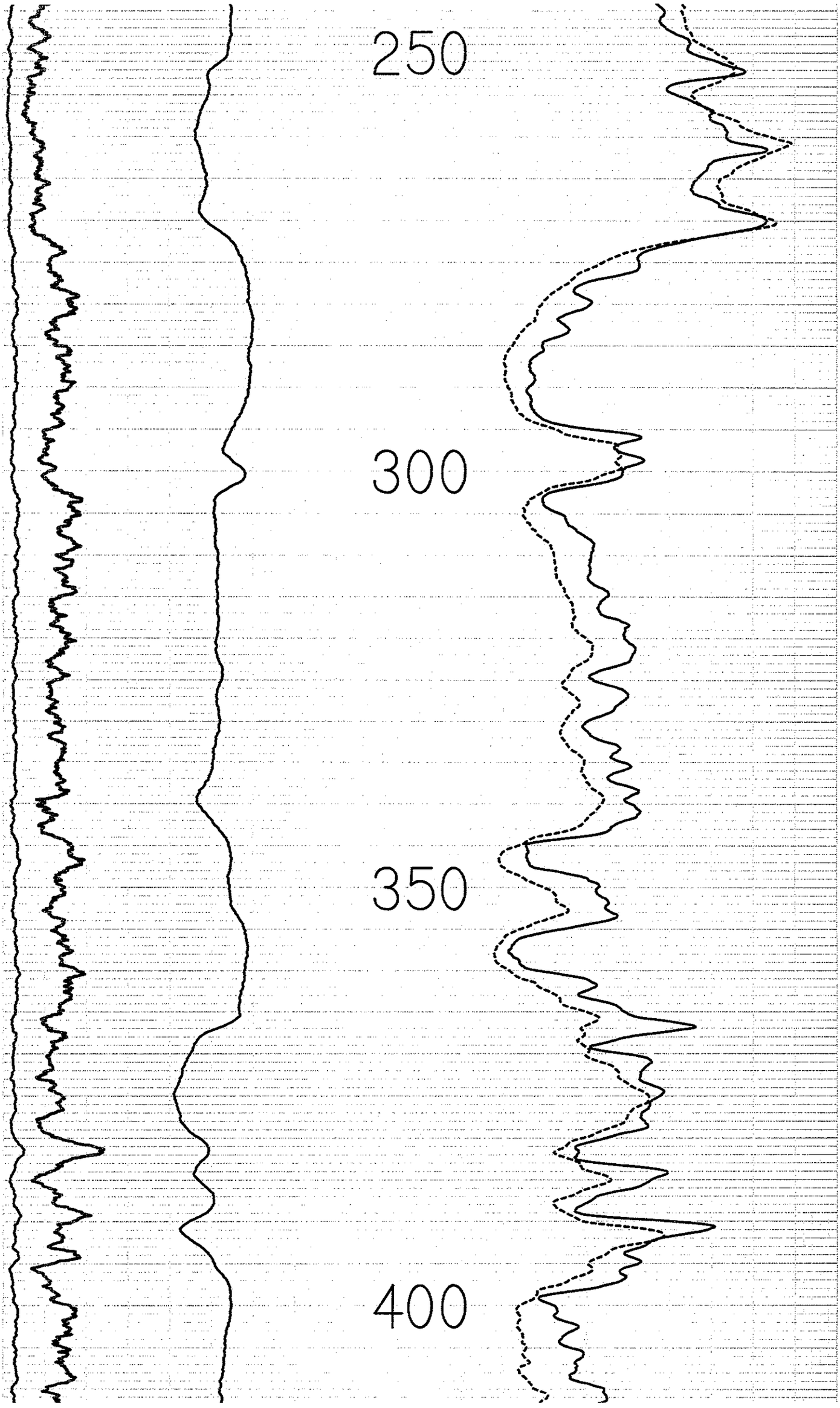
DEVIATION SURVEY

HOLE: BL3\11
DATE: MAR 13, 1997
TRUE DEPTH : 711.6
DEVIATION : 16.7
BEARING : 192.9
SCALE FT/IN: 6.0

NORTH


600
650
700
711
640-692
52
.02
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
87.0
32.0
10.0
27.0
SP (MVOLTS)
RES (OHMS)
24.8
82.8
SN (OHM-M)
0.0
500.0 CPS/IN
5000.0
GAMMA HI


450
500
550



00787

00788

URI

HOLE NUMBER

BL3\11

KLEBERG COUNTY TEXAS

SEC: --- TWN: --- RNG: ---

KVD

TD DRILLED	– 710.0'	ELEVATION	– μ
TD LOGGED	– 711.9'	CASING TYPE	– NONE
LOGGING SPEED	– 60'/MIN.	HOLE FLUID	– H2O
REFERENCE	– SURFACE	DRILLER	– AMADOR
BIT SIZE	– 5 5/8"		

REMARKS:

URI

Corpus Christi, Texas

Telephone 512–279–3342

TALBOTT – UNIT: L–4

03–13–97 – 1730 HRS.

TOOL MODEL/SER. NO.: 2025–1

NATURAL GAMMA

DETECTOR	– .875 X 4.0 NaI(T)
K–FACTOR	– .00000573
DEADTIME	– .00000023
TEST PIT	– G.W.
LAST CAL.	– 6–27–96
WATER FACTOR	– 1.142
CASING FACTOR	–

NEUTRON

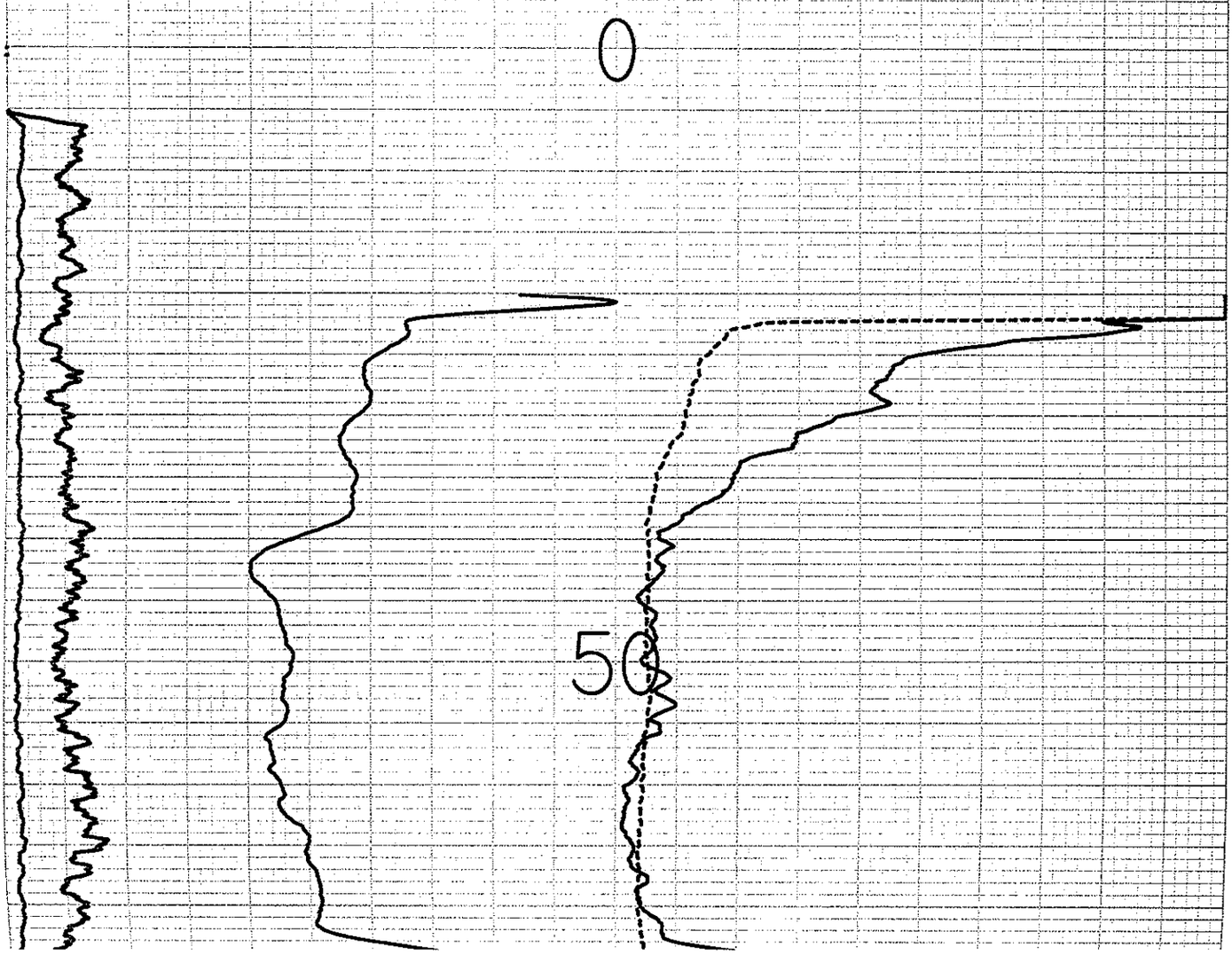
DETECTOR	– 1 X 6 INCH HE3
SOURCE	– 1.5 Ci AmBe
SPACING	– 14 Inches

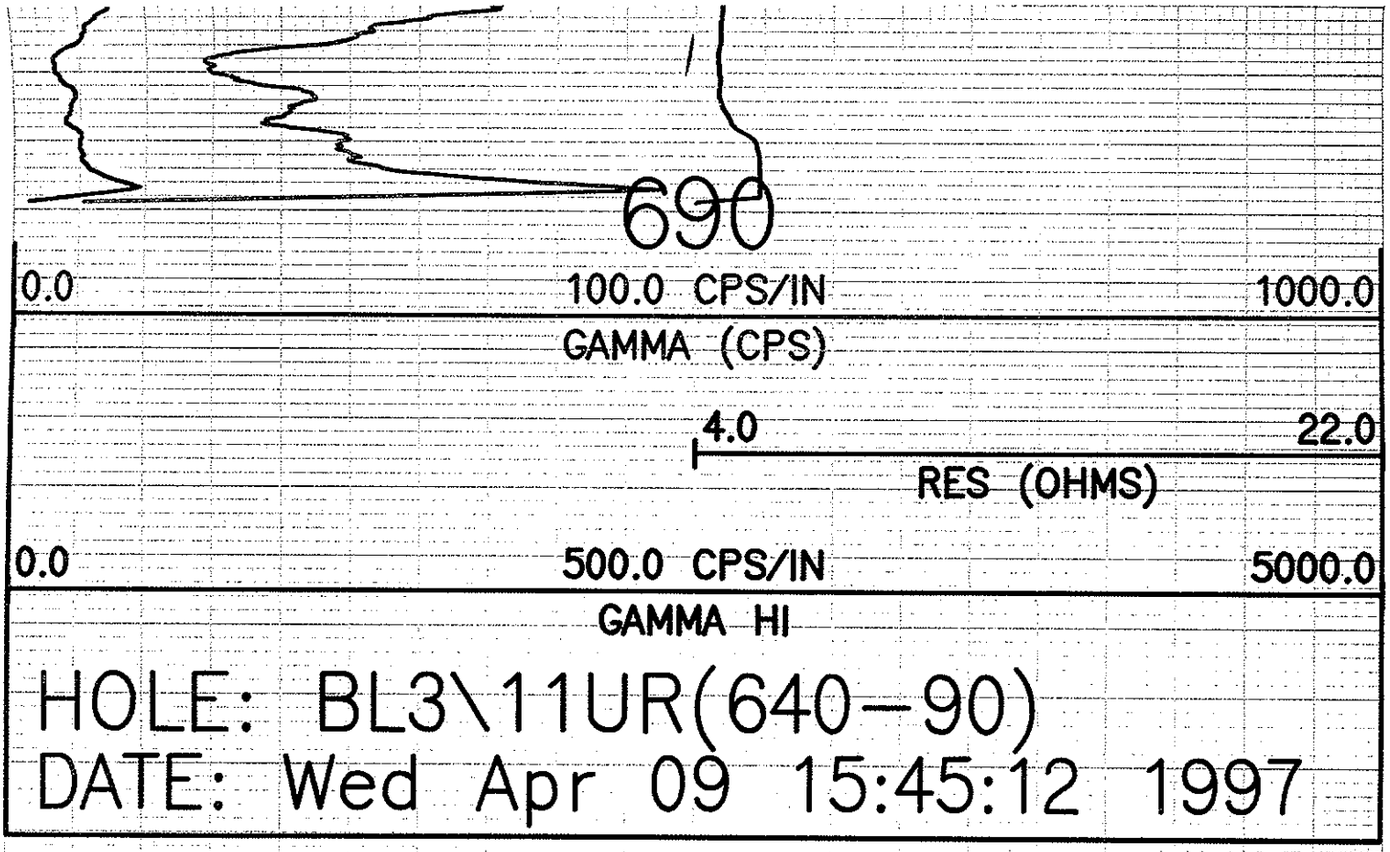
ELECTRIC LOGS

SINGLE POINT RESISTANCE

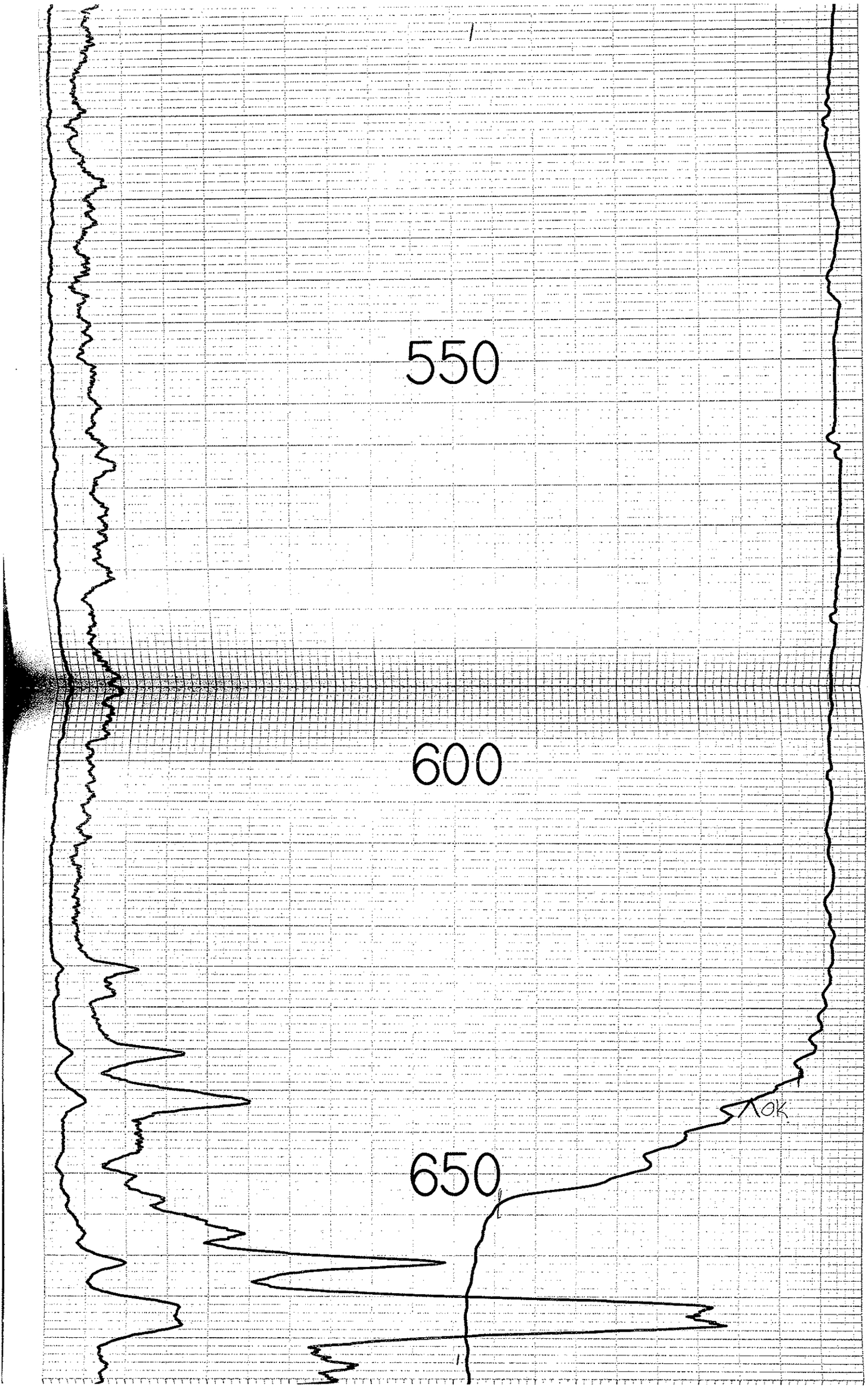
SP/16 INCH NORMAL

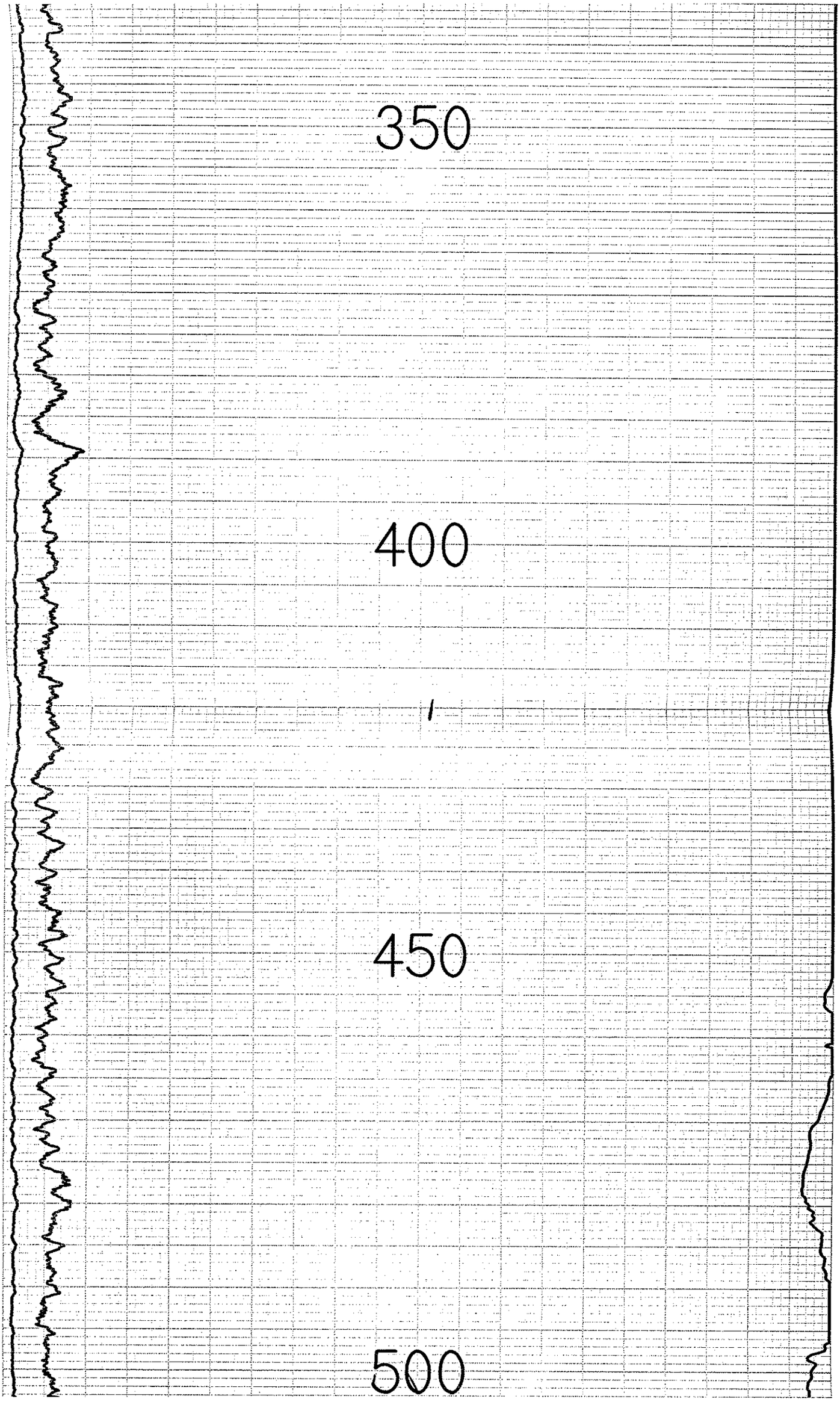
64 INCH NORMAL




690
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
4.0
22.0
RES (OHMS)
0.0
500.0 CPS/IN
5000.0
GAMMA HI
HOLE: BL3\11UR(640-90)
DATE: Wed Apr 09 15:45:12 1997

[redacted]


550
600
650
OK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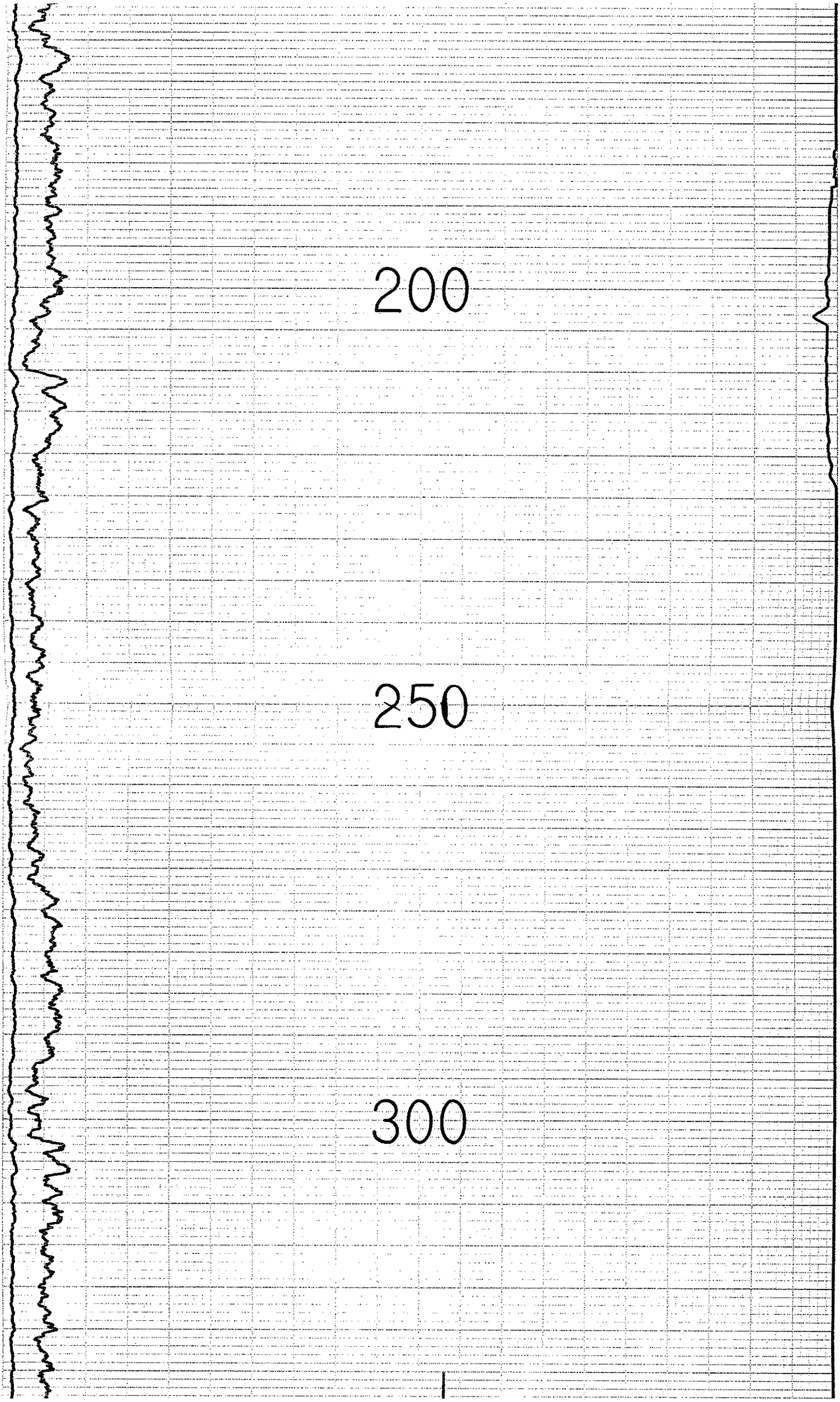
400
450
500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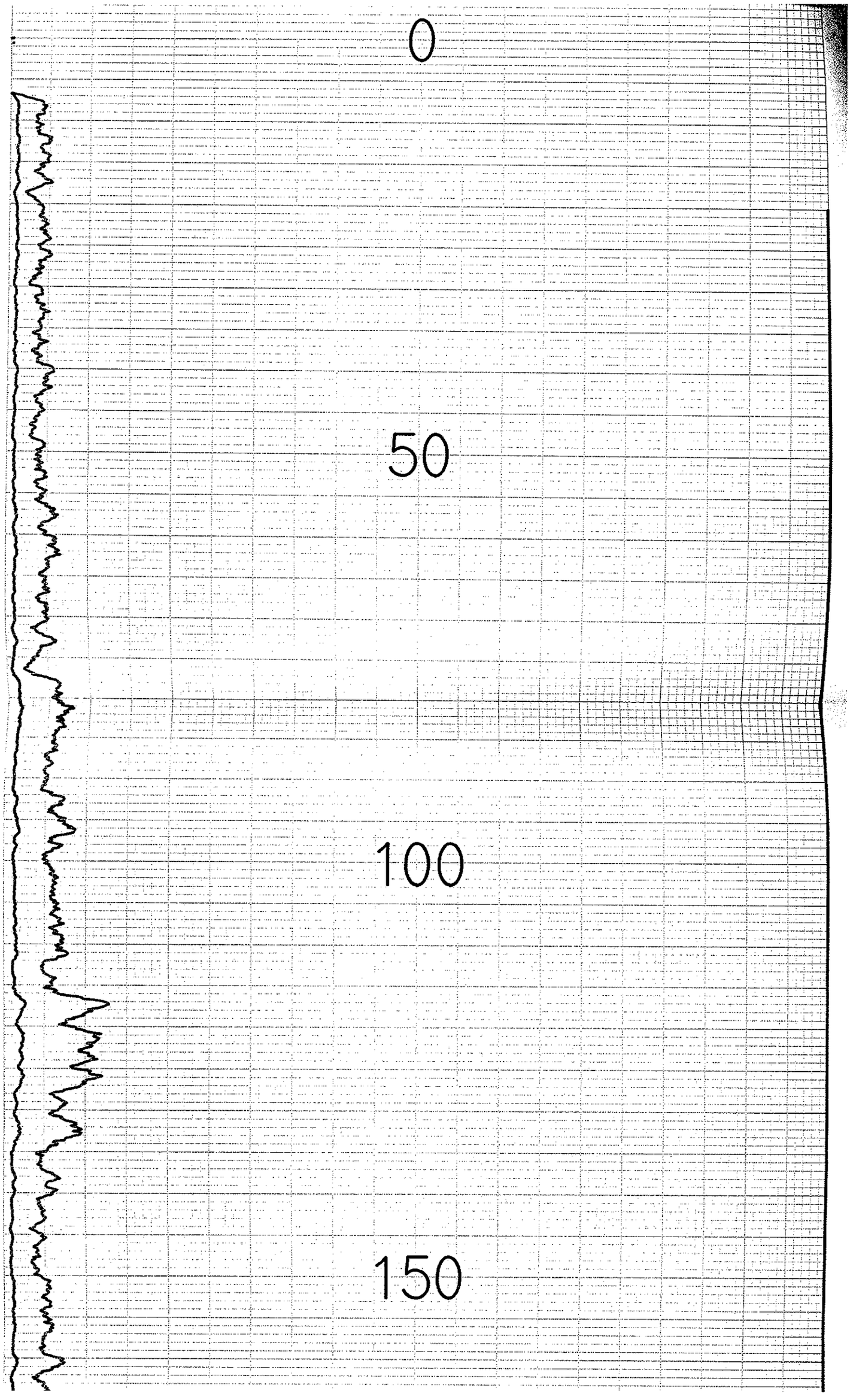
250
300


0
50
100
150

URI

HOLE NUMBER

BL3\11

KLEBERG COUNTY TEXAS

SEC: --- TWN: --- RNG: ---

KVD

TD DRILLED	– 710.0'	ELEVATION	– μ
TD LOGGED	– 711.9'	CASING TYPE	– NONE
LOGGING SPEED	– 60'/MIN.	HOLE FLUID	– H20
REFERENCE	– SURFACE	DRILLER	– AMADOR
BIT SIZE	– 5 5/8"		

REMARKS:

URI
Corpus Christi, Texas
Telephone 512–279–3342

TALBOTT – UNIT: L–4
03–13–97 – 1730 HRS.

TOOL MODEL/SER. NO.: 2025–1

NATURAL GAMMA

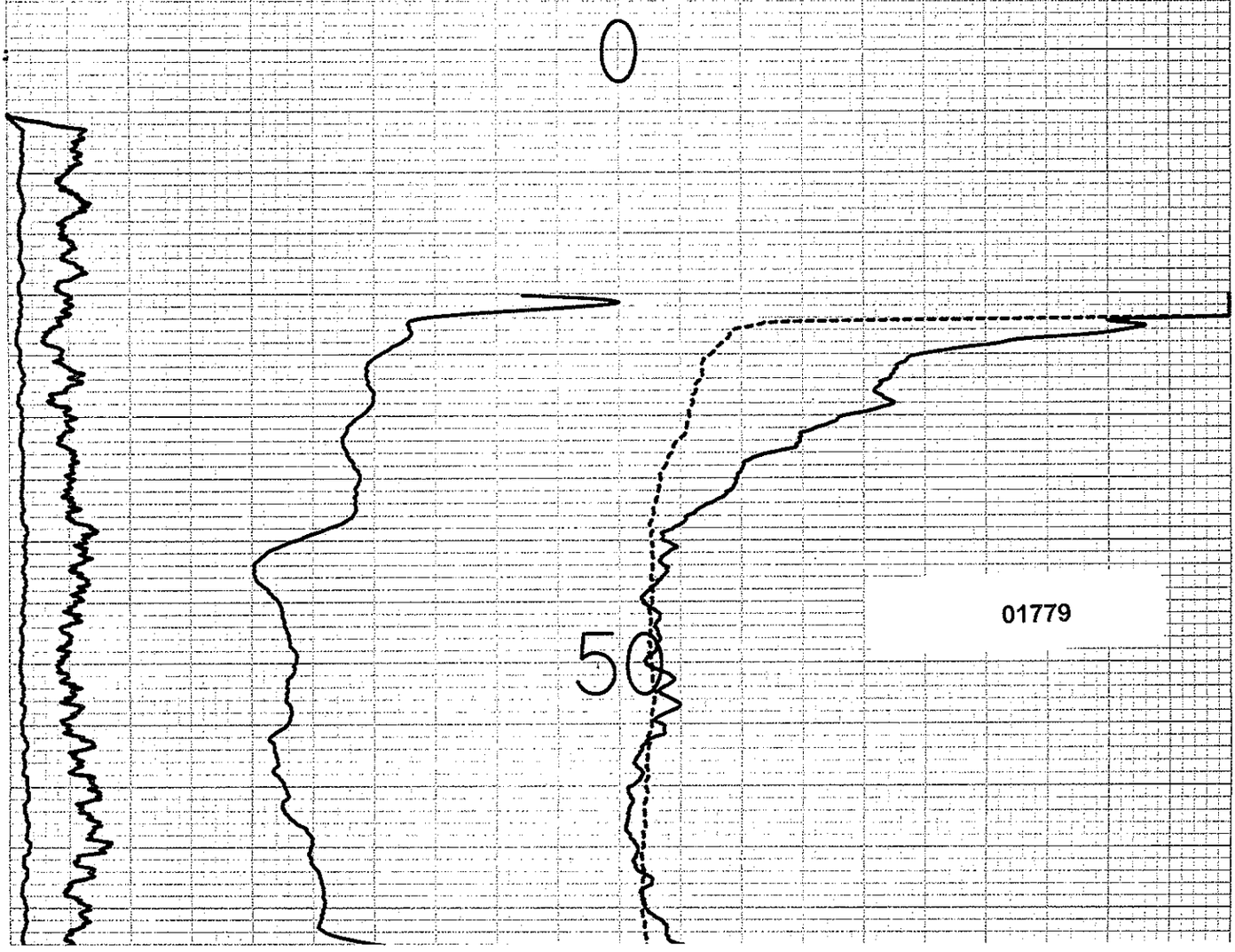
DETECTOR	– .875 X 4.0 NaI(T)
K–FACTOR	– .00000573
DEADTIME	– .00000023
TEST PIT	– G.W.
LAST CAL.	– 6–27–96
WATER FACTOR	– 1.142
CASING FACTOR	–

NEUTRON

DETECTOR	– 1 X 6 INCH HE3
SOURCE	– 1.5 Ci AmBe
SPACING	– 14 Inches

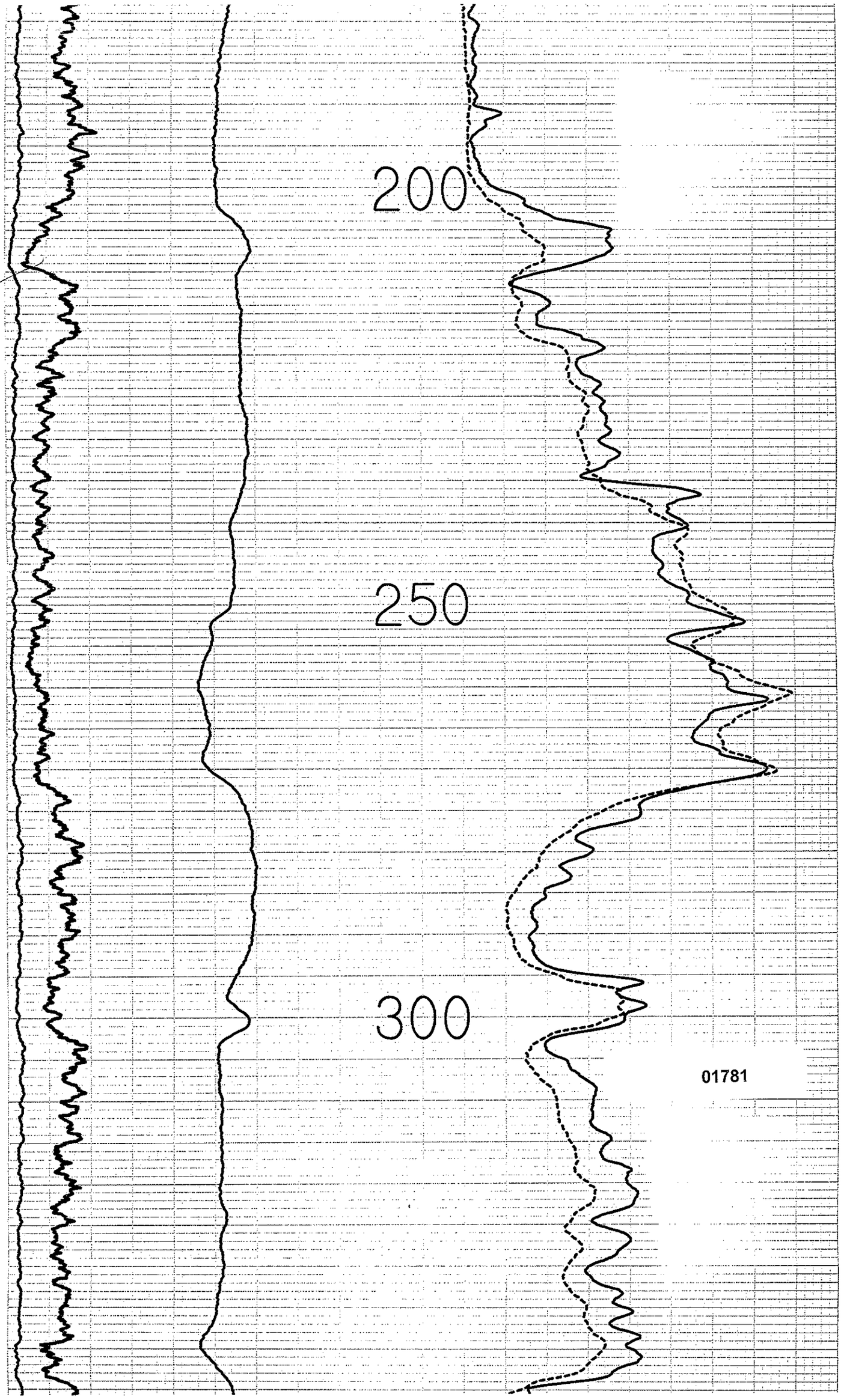
ELECTRIC LOGS

SINGLE POINT RESISTANCE
SP/16 INCH NORMAL
64 INCH NORMAL



01779

100
150
200
01780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250
300
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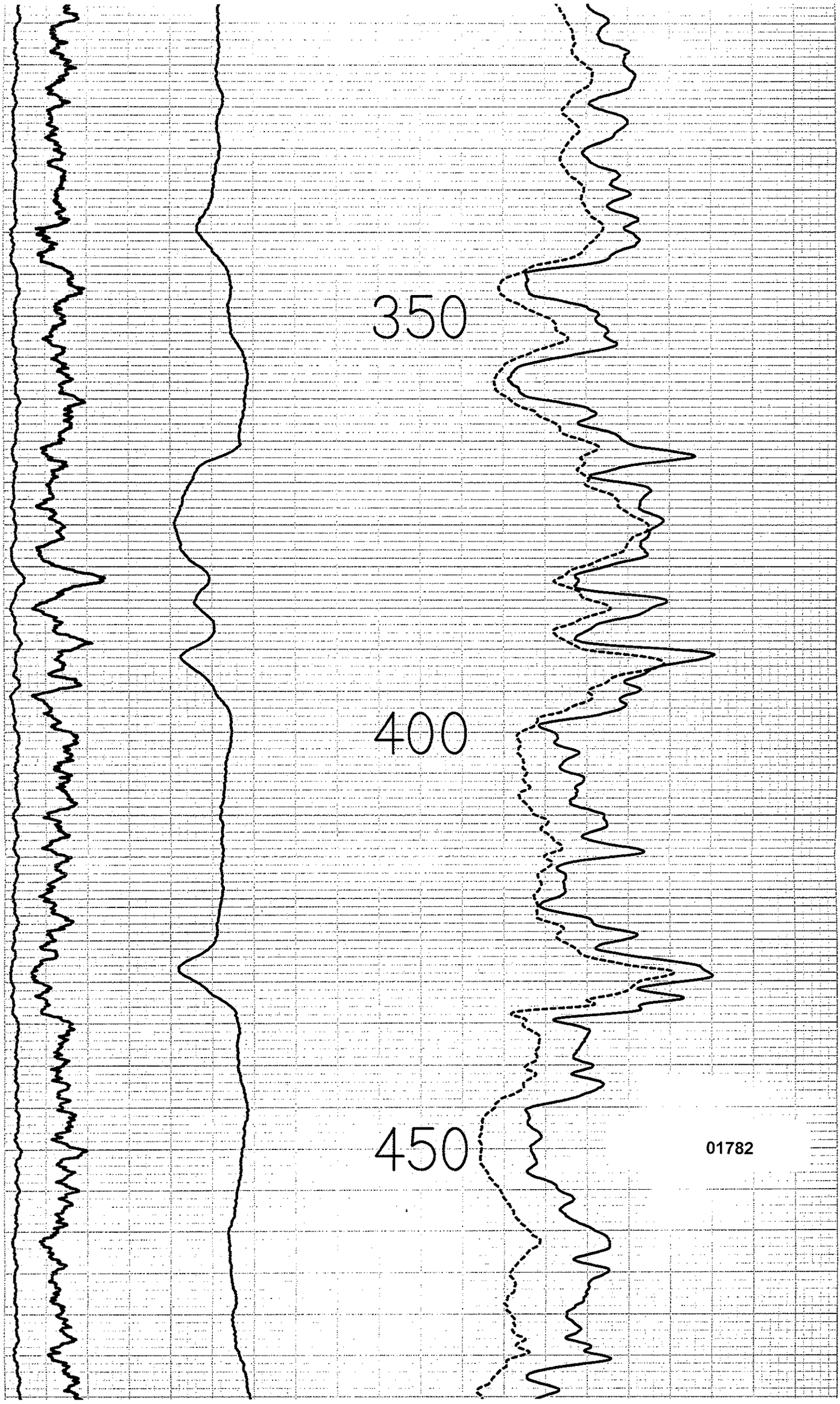
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400
450
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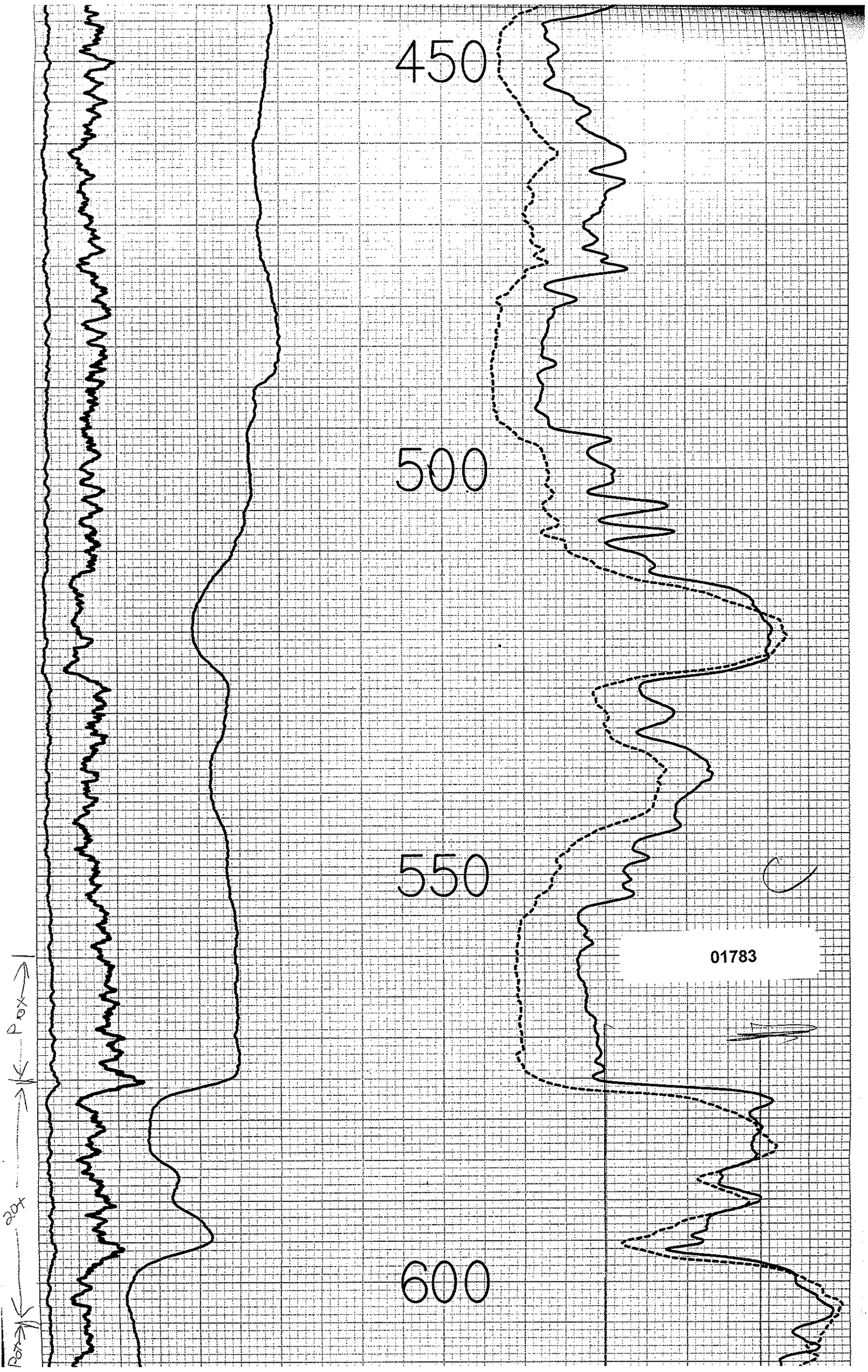
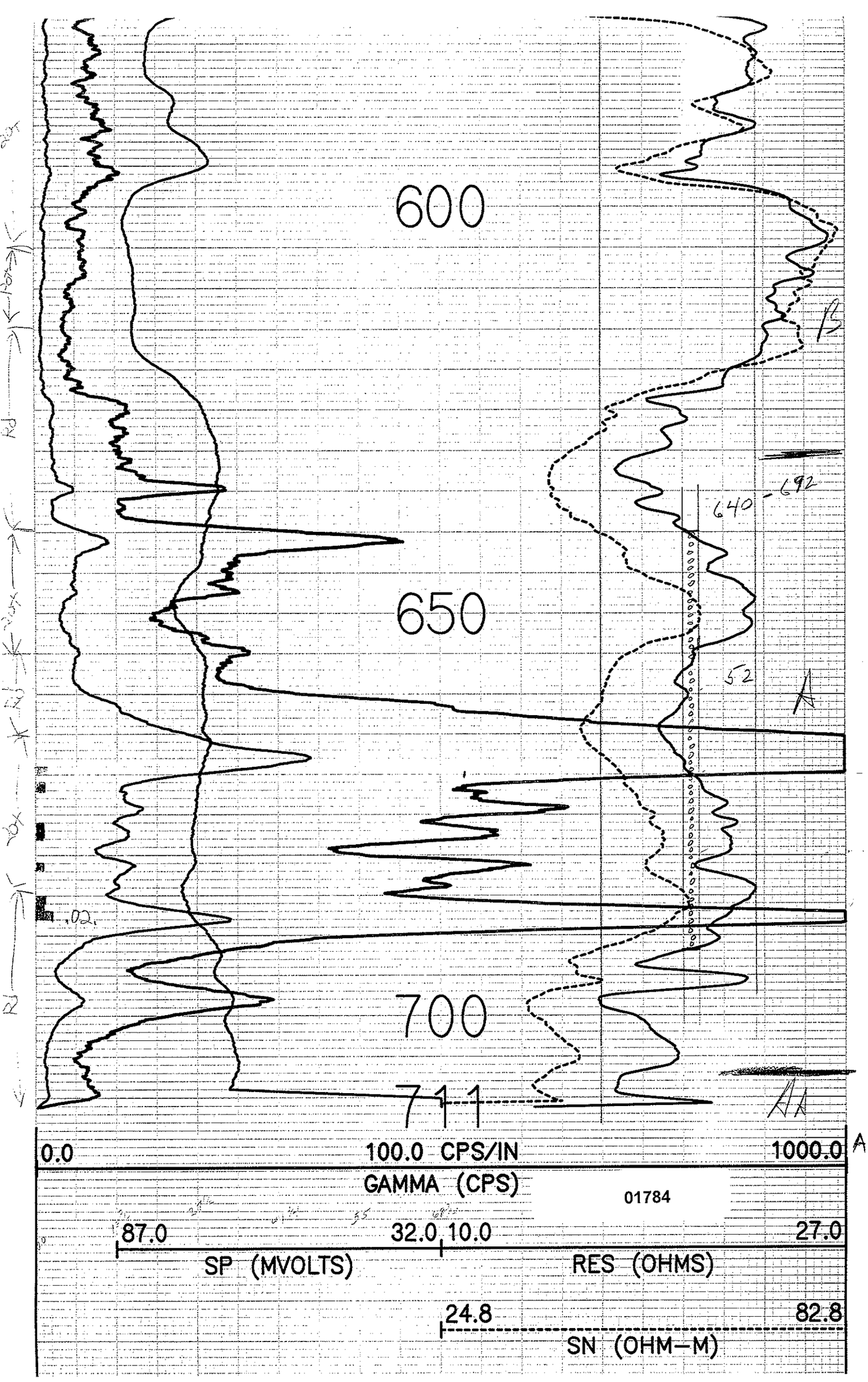

450
500
550
600
01783
Rox
20x
Rot


600
650
700
711
640
692
52
B
A
AA
.02.
0.0
100.0 CPS/IN
1000.0
GAMMA (CPS)
01784
87.0
32.0
10.0
27.0
SP (MVOLTS)
RES (OHMS)
24.8
82.8
SN (OHM-M)

711

0.0 100.0 CPS/IN 1000.0

GAMMA (CPS)

87.0 32.0 10.0 27.0

SP (MVOLTS) RES (OHMS)

24.8 82.8

SN (OHM-M)

0.0 500.0 CPS/IN 5000.0

GAMMA HI

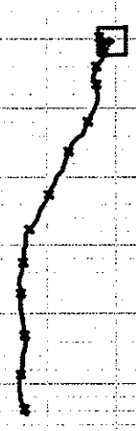
HOLE: BL3\11

DATE: Thu Mar 13 17:36:03 1997

DEVIATION SURVEY

HOLE: BL3\11
DATE: MAR 13, 1997
TRUE DEPTH : 711.6
DEVIATION : 16.7
BEARING : 192.9
SCALE FT/IN: 6.0

NORTH



01785

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL3/11

T.D. 710 LOCATION: Arnador

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 2-12-97 COUNTY Kleberg STATE Tx

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Alteration % Reduction	Alteration % Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
200								Sd; lt gry; Vf-f; mod srt; sub rd; mod Φ; mod K; rd
								Clay; lt bl gry; rd
10								
20								
								Sd; lt bl gry; Vf-f; mod srt; sub rd; mod Φ; mod K; rd.
30								
								Clay; lt bl gry; rd
40								
								Sd; lt gry; Vf-f; mod srt; sub rd; mod Φ; mod K; rd
50								
								Clay; lt bl gry; rd
60								
								Sd; lt bl gry; Vf-f; mod srt; sub rd; mod Φ; mod K; rd.
70								
								Clay; lt bl gry; rd
80								
								Sd; lt gry; Vf-f; mod srt; sub rd; mod Φ; mod K; rd
90								
								Clay; lt bl gry; rd
100								

00774

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL3/11

T.D. 110 LOCATION: Amador

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 3-12-97 COUNTY Kleberg STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
400								Clay; lt bl gry; id
10								Sd; lt bl gry; vf-f; mod srt; subrd; mod ⌀; mod K; id.
								↓
20								Clay; lt bl gry; id
30								
40								
500 50								
60								
70								
80								
90								
00								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00775

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL3 /11

T.D. 110' LOCATION: Amador

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KUD

DATE 3-12-97 COUNTY Kleberg STATE Tx

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
500								Clay, lt bl gry, rd
10								
20								
30								
40								
50								
60								Clay, redd brn, Pox
70								
80								Sd, duck yellow, rd, rd, gy, Lj-ox.
90								
100								

L=Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P= Pyrite (Pyr)
P_T = Pyrite Tarnish

POX= Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C=Carbon B=Bleached
K=Kaolin Cht=Chert

00776

URANIUM RESOURCES, INC.

DRILLED WITH: AIR ☐ WATER ☒ HOLE NO. P13/11

T.D. 710' LOCATION: Arnold

BIT SIZE 5 1/2

SAMPLE LOG BY [illegible] LEASE: (PROJECT) KVD

DATE 3-10-99 COUNTY Kleberg STATE TX

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Alteration % Reduction	Alteration % Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
600								
20X								Sd; dusky yllw; f-m; mod srt; sub rd; ex Φ; ex K; 2ox
								Sd; wnish brn; f-m; mod srt; sub rd; ex Φ; ex K; 2ox.
10								
20								
								Clay; lt bl gry; sd
30								
								Sd; lt gry; vf-f; mod srt; sub rd; mod Φ; mod K; 2ox.
40								Sd; dusky yllw; f-m; mod srt; sub rd; ex Φ; ex K; 2ox
50								
								Clay; lt bl gry; sd
60								
								Sd; dusky yllw; f-m; mod srt; sub rd; ex Φ; ex K; 2ox.
70								
80								
								Sd; mod gry; f-m; mod srt; sub rd; ex Φ; ex K; sd
90								
								Clay; lt bl gry; sd
100								

00777

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL 3/11

T.D. 710 LOCATION: Arrabe

BIT SIZE 8 3/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KUD

DATE 1-12-92 COUNTY Yoakum STATE TX

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
								Clay, Hbl gray
10	TD							TD
20								
30								
40								
50								
60								
70								
80								
90								
00								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish

POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant

C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

00778

#.85 11
Baseline BL 3-11

#2 MW.

URI, Inc.
5656 South Staples, Suite 250, LB8
Corpus Christi, Texas 78411

Uranium Assay

HOLE IDENTIFICATION

Client : URI
Hole Number: BL 3-11 PFN
Project : KVD
Bit Size : 5 5/8"
Hole Fluid : drlg.mud
Time/Date : Thu Mar 13 19:33:00 1997

PFN TOOLDATA

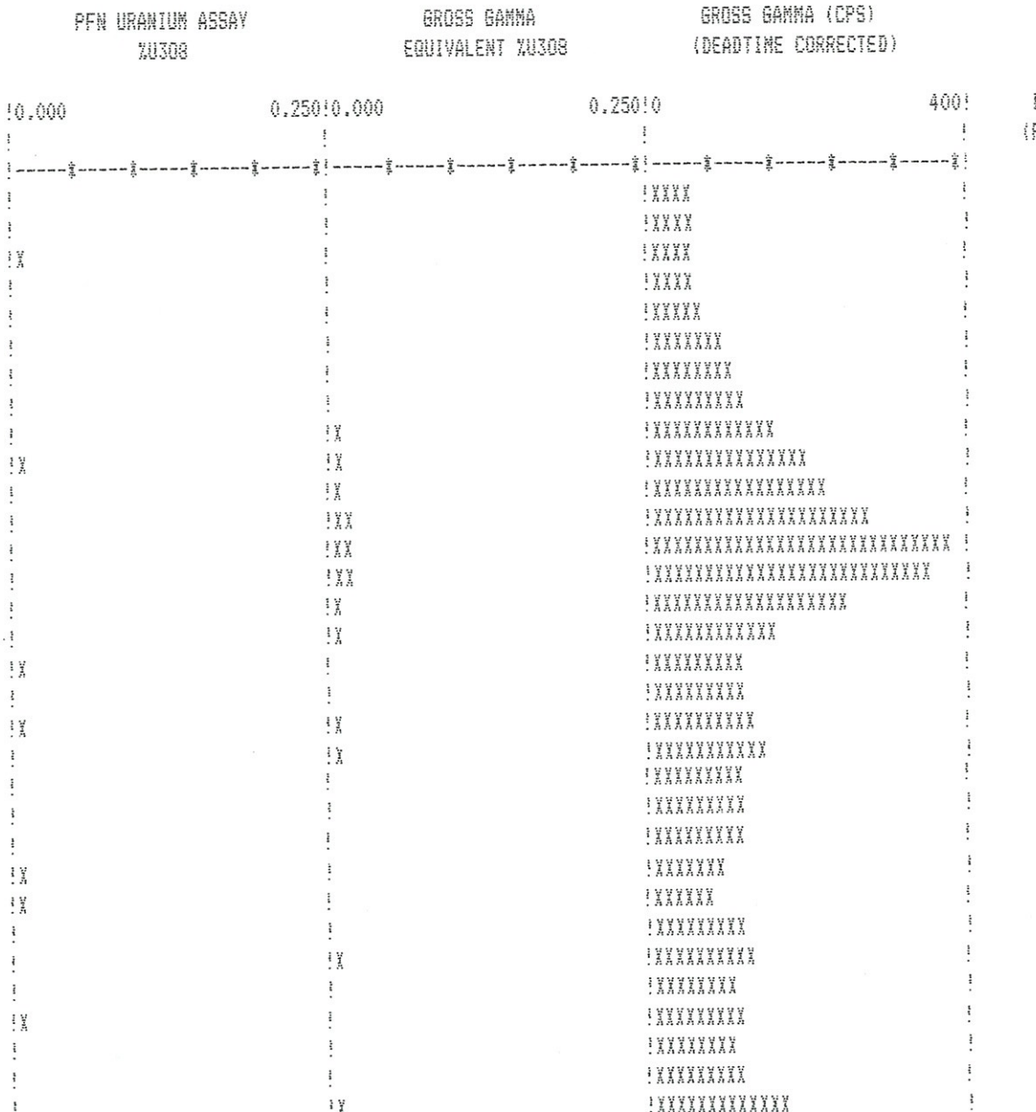
PFN Tool Serial No.: PFN-1
Interval : 658 - 695
Slope : 5.088E+00
En/Tn at Zero Grade: 3.940E-03
Lbs to Percent Fact: 9.170E-01
Hole Size Factor : 9.240E-01
Grade Cutoffs: 0.010, 0.020, 0.030, 0.050
Barren Grade Correction in %u3o8: 0.000E+00

GAMMA TOOL DATA

Gamma ID : PFN-1
K-Factor : 3.030E-05
Deadtime : 1.170E-05
Calibration Date : PFN CAL 02-10-97
Water Factor : 1.000E+00
Hole Size Factor : 1.000E+00

00769

PFN URANIUM ASSAY %U3O8 | GROSS GAMMA EQUIVALENT %U3O8 | GROSS GAMMA (CPS) (DEADTIME CORRECTED)



DEPTH (FEET)	PFN %U3O8 ASSAY	EQUIV. %U3O8 GROSS GAMMA	DEF
658	0.000	0.004	0.000
659	0.000	0.004	0.000
660	0.009	0.003	2.699
661	0.004	0.004	1.084
662	0.000	0.004	0.000
663	0.006	0.006	1.001
664	0.006	0.007	0.824
665	0.000	0.008	0.000
666	0.003	0.010	0.355
667	0.011	0.012	0.853
668	0.007	0.014	0.459
669	0.000	0.017	0.000
670	0.000	0.024	0.000
671	0.000	0.022	0.000
672	0.000	0.016	0.000
673	0.006	0.010	0.624
674	0.013	0.008	1.686
675	0.001	0.008	0.158
676	0.011	0.009	1.234
677	0.000	0.009	0.000
678	0.000	0.007	0.000
679	0.000	0.008	0.000
680	0.001	0.008	0.177
681	0.011	0.006	1.721
682	0.011	0.006	1.907
683	0.000	0.007	0.000
684	0.005	0.009	0.575
685	0.001	0.007	0.195
686	0.011	0.007	1.560
687	0.000	0.007	0.000
688	0.000	0.007	0.032
689	0.000	0.011	0.000

```
!XX                        !X                          !XXXXXXXXXX                 !      692      0.021      0.009  2.469
!                          !                           !XXXXXX                     !      693      0.003      0.005  0.620
!                          !                           !XXXX                       !      694      0.000      0.004  0.000
!-----%-----%-----%-----%-----%!-----%-----%-----%-----%-----%!-----%-----%-----%-----%-----%!
```

%%%

SUMMARY AT CUTOFF NUMBER 1 (0.010%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U308)	GRADE THICKNESS
667 - 668	1	0.011	0.011
674 - 675	1	0.013	0.013
676 - 677	1	0.011	0.011
681 - 683	2	0.011	0.021
686 - 687	1	0.011	0.011
690 - 693	3	0.015	0.044

Zone Total: 9 Feet of 0.012 Average Grade

SUMMARY AT CUTOFF NUMBER 2 (0.020%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U308)	GRADE THICKNESS
692 - 693	1	0.021	0.021

Zone Total: 1 Feet of 0.021 Average Grade

SUMMARY AT CUTOFF NUMBER 3 (0.030%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U308)	GRADE THICKNESS

SUMMARY AT CUTOFF NUMBER 4 (0.050%)

ZONE	THICKNESS (FT)	AVERAGE GRADE) (%U308)	GRADE THICKNESS

URI, Inc.
5656 South Staples, Suite 250, LB8
Corpus Christi, Texas 78411

ORE GRADE CALCULATION

Hole Number : bl3\11
Date Logged : Thu Mar 13 17:36:03 1997
Tool ID / SN : 2025-1
K-Factor : 5.730E-06
Deadtime : 2.300E-06
Calibration Date: 6-27-96
Water Factor : 1.142
Casing Factor : 1.000

Depth	Raw Gamma	Corr. Gamma	Grade	Grade >= 0.010	Grade >= 0.020	Grade >= 0.030	Grade >= 0.050
655.0	258	258	0.003				
655.5	238	239	0.003				
656.0	236	236	0.003				
656.5	230	230	0.003				
657.0	226	226	0.003				
657.5	224	224	0.003				
658.0	227	228	0.003				
658.5	241	241	0.003				
659.0	265	265	0.003				
659.5	298	299	0.004				
660.0	348	349	0.005				
660.5	420	420	0.006				
661.0	485	485	0.006				
661.5	511	512	0.007				
662.0	527	527	0.007				
662.5	589	589	0.008				
663.0	651	652	0.009				
663.5	702	703	0.009				
664.0	784	785	0.010	0.010			
664.5	876	878	0.011	0.011			
665.0	972	975	0.013	0.013			
665.5	1047	1050	0.014	0.014			
666.0	1119	1122	0.015	0.015			
666.5	1261	1264	0.017	0.017			
667.0	1488	1493	0.020	0.020			
667.5	1660	1666	0.022	0.022	0.022		
668.0	1669	1675	0.022	0.022	0.022		
668.5	1518	1523	0.020	0.020			
669.0	1340	1344	0.018	0.018			
669.5	1100	1103	0.014	0.014			
670.0	854	856	0.011	0.011			
670.5	687	688	0.009				
671.0	572	572	0.007				
671.5	526	527	0.007				
672.0	543	543	0.007				
672.5	542	543	0.007				
673.0	548	549	0.007				
673.5	597	597	0.008				
674.0	651	652	0.009				
674.5	620	621	0.008				
675.0	534	535	0.007				
675.5	491	492	0.006				
676.0	497	497	0.007				
676.5	540	541	0.007				
677.0	566	567	0.007				
677.5	561	562	0.007				
678.0	504	505	0.007				
678.5	422	422	0.006				
679.0	371	371	0.005				
679.5	379	380	0.005				
680.0	435	436	0.006				
680.5	539	540	0.007				
681.0	598	598	0.008				
681.5	572	572	0.007				
682.0	534	535	0.007				
682.5	500	501	0.007				
683.0	483	483	0.006				
683.5	506	506	0.007				
684.0	482	483	0.006				
684.5	443	443	0.006				
685.0	468	469	0.006				
685.5	549	550	0.007				
686.0	668	669	0.009				
686.5	829	830	0.011	0.011			
687.0	1006	1009	0.013	0.013			
687.5	1164	1168	0.015	0.015			
688.0	1166	1169	0.015	0.015			
688.5	955	957	0.013	0.013			
689.0	713	714	0.009				
689.5	533	534	0.007				
690.0	386	387	0.005				

685.5	549	550	0.007	
686.0	668	669	0.009	
686.5	829	830	0.011	0.011
687.0	1006	1009	0.013	0.013
687.5	1164	1168	0.015	0.015
688.0	1166	1169	0.015	0.015
688.5	955	957	0.013	0.013
689.0	713	714	0.009	
689.5	533	534	0.007	
690.0	386	387	0.005	
690.5	318	318	0.004	
691.0	285	285	0.004	
691.5	245	245	0.003	
692.0	215	215	0.003	
692.5	188	188	0.002	
693.0	160	160	0.002	
693.5	132	132	0.002	
694.0	117	117	0.002	
694.5	119	119	0.002	

CUTOFF NUMBER 1

NUMBER OF HALF FOOT INTERVALS = 18
AVERAGE GRADE = 0.015
GRADE-THICKNESS PRODUCT = 0.137

CUTOFF NUMBER 2

NUMBER OF HALF FOOT INTERVALS = 2
AVERAGE GRADE = 0.022
GRADE-THICKNESS PRODUCT = 0.022

****
********** END OF ZONE **********
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DEVIATION : 16.7 FEET AT 192.9 DEGREES

LINE DEPTH	TRUE DEPTH	DEVIATION DISTANCE(FT)	DEVIATION BEARING(DEG)
27	27	0.0	309
51	51	0.3	265
80	79	0.5	273
103	103	0.6	288
127	127	0.4	277
150	150	0.5	220
178	178	1.0	209
201	201	1.3	212
228	228	1.7	208
251	251	2.0	200
275	275	2.6	194
304	304	3.6	197
327	327	4.4	200
350	350	5.1	202
378	377	6.2	202
401	401	7.2	202
428	427	8.2	203
455	454	9.0	204
477	477	9.6	203
503	502	10.4	202
528	528	11.2	201
550	550	11.7	200
576	576	12.4	199
602	601	13.4	197
627	627	14.2	196
652	652	15.0	195
676	676	15.7	195
700	700	16.5	193
712	712	16.7	193

URANIUM RESOURCES, INC.

DRILLED WITH: AIR [ ] WATER [X] HOLE NO. BL3/11

T.D. 710' LOCATION: Amador

BIT SIZE 5 5/8"

SAMPLE LOG BY MM LEASE: (PROJECT) KVD

DATE 3-12-97 COUNTY Kleberg STATE Tx

DEPTH	LITHOLOGY	CARBON	PYRITE	OTHER Alteration	Alteration % Primary Oxidation	Reduction	Secondary Oxidation	SAMPLE DESCRIPTION (Amounts in Percent, %)
0								Clay; tannish brn; Sox
10								
20								
30								
40								Sd; tannish brn; Vf-f; mod srt; sub rd; Mod Φ; mod K; Sox
50								Clay; tannish brn; Sox
60								Clay; lt bl gry; rd
70								Sd; lt gry; Vf-f; mod srt; sub rd; mod Φ; mod K; rd.
80								Clay; lt bl gry; rd
90								
200								

L = Limonite (Lmn)
SOX Surf. Oxidation
Rd. Reduced
Rdt. Reduction
P = Pyrite (Pyr)
P_T = Pyrite Tarnish
POX = Primary Oxid.
BSOX = Base of Surf. Oxid.
2OX = Secondary Oxid.
Tn = Transition Zone
fld = Feldspar

T = Trace
1 = Minor
2 = Moderate
3 = Abundant
C = Carbon
K = Kaolin
B = Bleached
Cht = Chert

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