



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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QUALITY DILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Home Office P.O. Box 32 Russell, KS 67665

No. 6626

Phone 785-483-2025

Cell 785-324-1041

Date: 3-15-13
 Sec. 15
 Typ. 16
 Range 10
 County Ellsworth
 State KS
 On Location
 Finish 10:15 AM

Lease: Katrina
 Well No. 2
 Location: Wilson, KS - 5 to Rd P, 3/8 E, 1/4 N

Contractor: A'inessah
 Type Job: Surface
 Hole Size: 1 1/4"
 Csg. 8 5/8"
 T.D. 572'
 Depth 570'

Charge To: Rowley oil
 Street
 City
 State

The above was done to satisfaction and supervision of owner agent or contractor.
 Cement Left in Csg. 30'
 Shoe Joint 30'
 Displace 3 1/4 BUS
 2% Gal

EQUIPMENT
 Cementer: Trois
 Helper: Trois
 Poz. Mix
 Gel. 5
 Calcium 10
 Common 250

JOB SERVICES & REMARKS
 Remarks: Cement did. Calculate.

Rat Hole
 Mouse Hole
 Centralizers
 Baskets
 DV or Port Collar

FLOWSEAL
 Flowseal
 Kol-Seal
 Mud CLR 48
 CFL-117 or CD110 CAF 38
 Sand
 Handling 265
 Mileage

Guide Shoe
 Centralizer
 Baskets
 AFU Inserts
 Float Shoe
 Latch Down

1 - Rubber Plug
 Pumptrk Charge Long Surface
 Mileage 37

Tax
 Discount
 Total Charge

Signature: [Handwritten Signature]

QUALITY DILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Home Office P.O. Box 32 Russell, KS 67665

No. 6633

Phone 785-483-2025

Cell 785-324-1041

Date: 3-19-13
 Sec. 15
 Twp. 16
 Range 10
 County Ellsworth
 State KS
 On Location
 Finish 1:45 pm

Lease Katina
 Well No. 2
 Location Wilber, KS - S to Rd, 3&E
 Owner Dilw

Contractor Ninessah #101
 Type Job Production
 Hole Size 7 7/8"
 Csg. 5" 15.5" New

T.D. 3600'
 Depth 3430.07'
 Charge To Pawley oil

Tbg. Size
 Depth
 City
 State

Tool
 Depth
 Cement Left in Csg. 21.16'
 Shoe Joint 21.16'

Meas Line
 Displace 81 BLS
 Cement Amount Ordered 1805x Common 10% Salt
 5% G/L bent - 500 gal mud Clear 48
 Common 180

EQUIPMENT
 Cementer
 No. 16
 Helper Travis
 Driver Doug
 Driver Rick
 Driver P.m.

JOB SERVICES & REMARKS
 Pumptrk 16
 Bulktrk 4
 Bulktrk 4
 Driver Doug
 Driver Rick
 Driver P.m.

Remarks:
 Salt 17
 Flowseal
 Kol-Seal 900#
 Mud CLR 48 500 gal
 CFL-117 or CD110 CAF 58

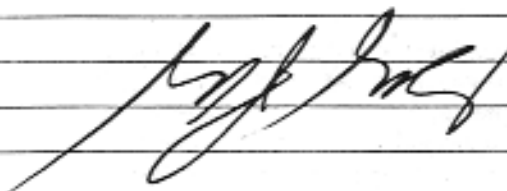
Mouse Hole
 Centralizers 1, 3, 5, 7, 9, 11, 13, 15, 17, 19
 Baskets 3

DV or Port Collar pipe on bottom, break
 Circulation, Pump Flush, Plug
 Rather w/ 305x, plug mouse hole w/ 125x
 Hook & casing mis 130 5x cement.
 Shut down, wash pump & lines, Released
 plug & displaced with 81 BLS
 Released & held

Guide Shoe 1
 Centralizer 10 tubos
 Baskets 1
 AFU Inserts 1
 Float Shoe
 Latch Down

1-Rubber plug
 Land plug to 1200 #

Lift pressure 700 #

Signature


Pumptrk Charge
 Mileage
 Tax
 Discount
 Total Charge

137
 Prod Long String

James C. Musgrove
Petroleum Geologist
Office
212 Main St. • P.O. Box 215 • Channahon, IL 61515
(815) 587-3444

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY *Rauvey Oil*
LEASE *Katrina, #2*
FIELD _____
LOCATION *11W-11N-SE-SW (3100' Fwd)*
SEC 15 TWP 16S RGE 10W
COUNTY *Ellsworth State Kansas*
CONTRACTOR *Ninnescah Drilling*
SPUD *March 19, 2013*
RTD - *No Log* - LTD *3600*
MUD UP *2576* TYPE MUD *drillcut*
ELECTRICAL SURVEYS _____
PRODUCT _____
DATE _____
FROM _____

ELEVATIONS
KI 1880

DRILLING TIME KEPT FROM 2700

SAMPLES EXAMINED FROM 2800

GEOLOGICAL SUPERVISION FROM _____

GEOLOGIST ON WELL *Jim Musgrove*

LOG SAMPLES

FORMATION TOPS

Heider
Douglas
Brown Hills
Transo Kansas City
Complex
Sandstone
Arbuskie
R.T.D.

NO LOG - 1215

NO LOG - 1150

NO LOG - 1100

NO LOG - 1050

NO LOG - 1000

NO LOG - 950

NO LOG - 900

NO LOG - 850

NO LOG - 800

NO LOG - 750

NO LOG - 700

NO LOG - 650

NO LOG - 600

NO LOG - 550

NO LOG - 500

NO LOG - 450

NO LOG - 400

NO LOG - 350

NO LOG - 300

NO LOG - 300

NO LOG - 300

NO LOG - 300

NO LOG - 300

3600	3550	3500	3450	3400	3350	3300	3250	3200	3150	3100	3050	3000	2950	2900	2850	2800	2750	2700	2650	2600	2550	2500	2450	2400	2350	2300	2250	2200	2150	2100	2050	2000	1950	1900	1850	1800	1750	1700	1650	1600	1550	1500	1450	1400	1350	1300	1250	1200	1150	1100	1050	1000	950	900	850	800	750	700	650	600	550	500	450	400	350	300	250	200	150	100	50	0
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REMARKS
*5 1/2' production casing was
drilled in the laboratory
by James C. Musgrove
Petroleum Geologist*



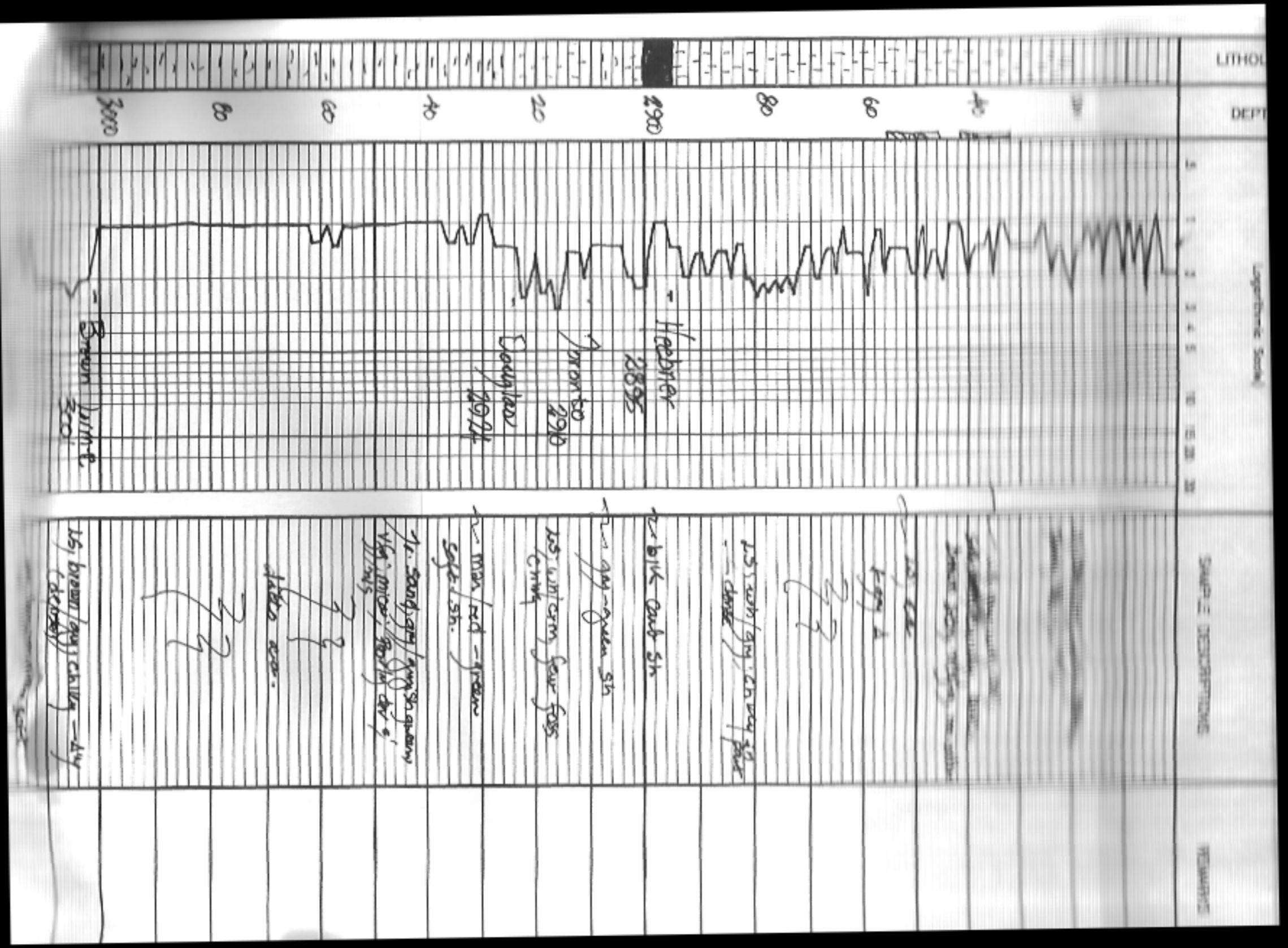
LOG 7702 7505

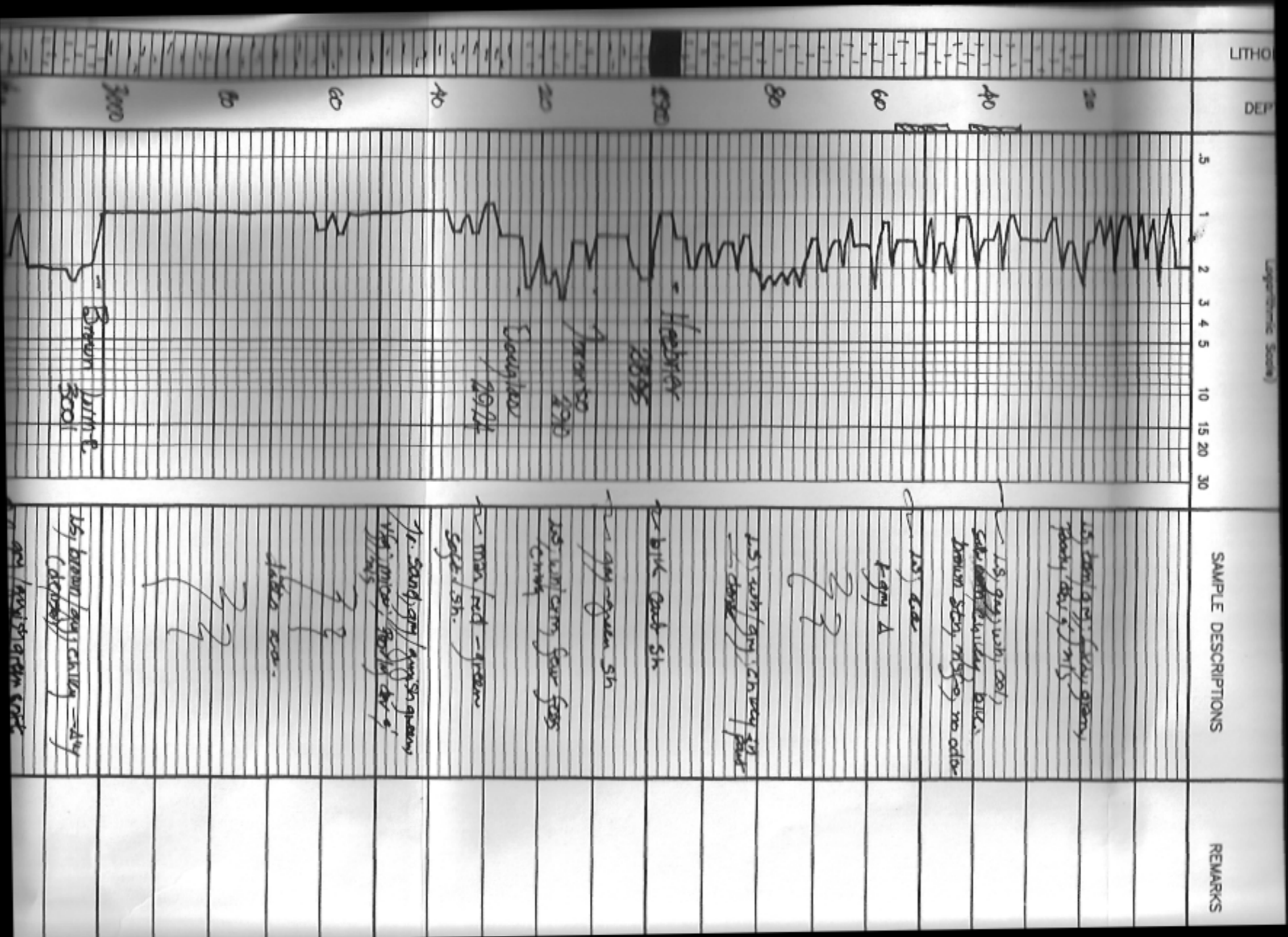
LEGEND

Amphibole	Silt	Sandstone	Shale	Coal sh	Unstone	Oil/Um	Chert	Carbonate
[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]

DRILLING TIME

LOG	DEPTH	DRILLING TIME





Barren with c. soil

100/100

100/100

100/100

100/100

100/100

100/100

100/100

100/100

100/100

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100/100

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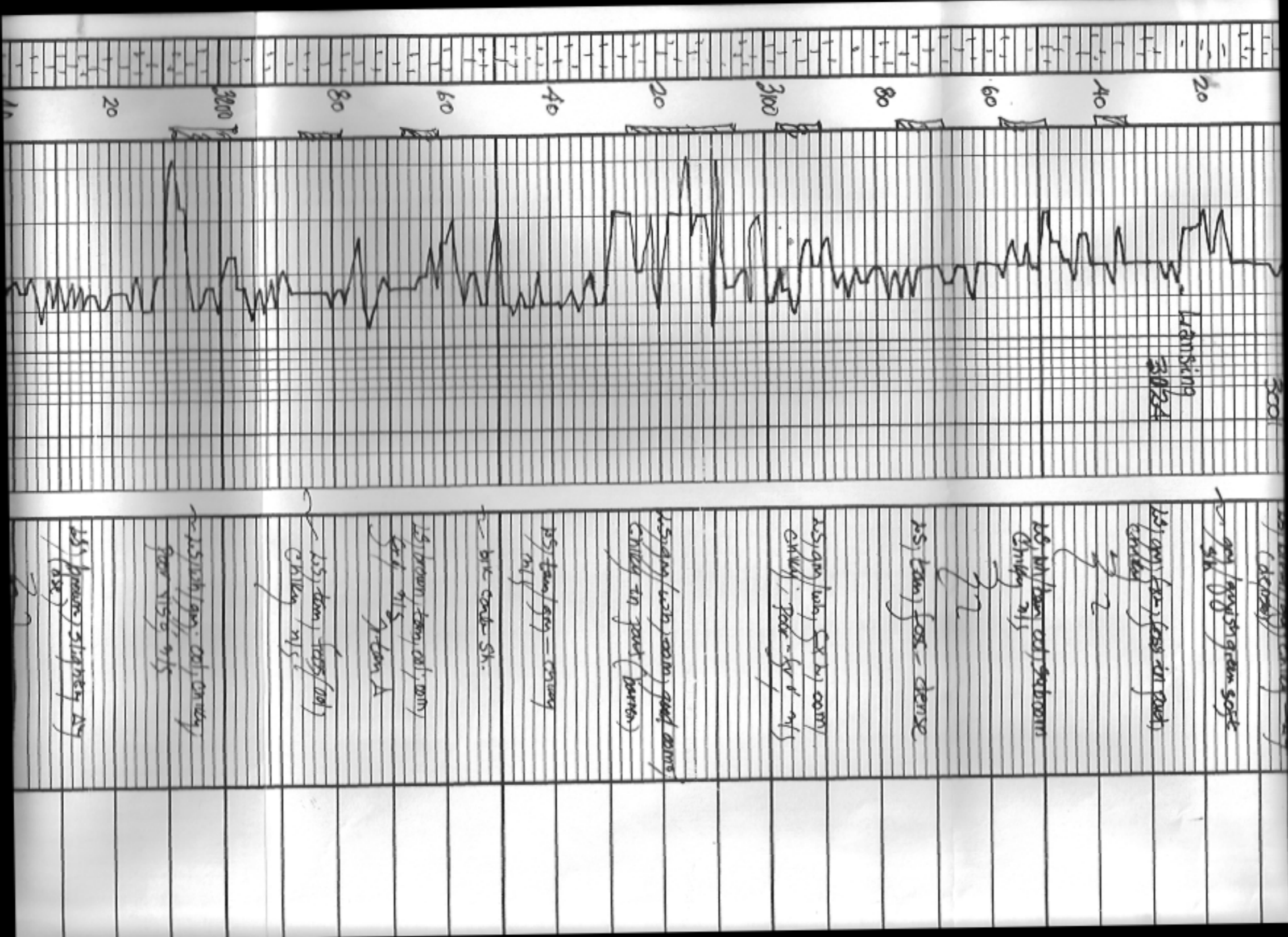
100/100

100/100

100/100

100/100

100/100



300
Lithology

200
grey, highly granular, soft

180
fine, fine-grained, in part, cherty

160
2

140
2

120
lg. in lower part, subconglomeratic

100
2

80
fine, fine-grained, dense

60
2

40
2

20
2

0
2

150
fine, fine-grained, good, dense, cherty in part (barren)

130
fine, fine-grained, coarse

110
fine, coarse, sh.

90
100
120
150
180
200
250
300

100
fine, fine-grained, all, coarse, cherty, sh.

80
100
120
150
180
200
250
300

100
fine, fine-grained, all, coarse, cherty, sh.

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fine, fine-grained, all, coarse, cherty, sh.

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fine, fine-grained, all, coarse, cherty, sh.

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fine, fine-grained, all, coarse, cherty, sh.

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fine, fine-grained, all, coarse, cherty, sh.

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fine, fine-grained, all, coarse, cherty, sh.

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300

100
fine, fine-grained, all, coarse, cherty, sh.

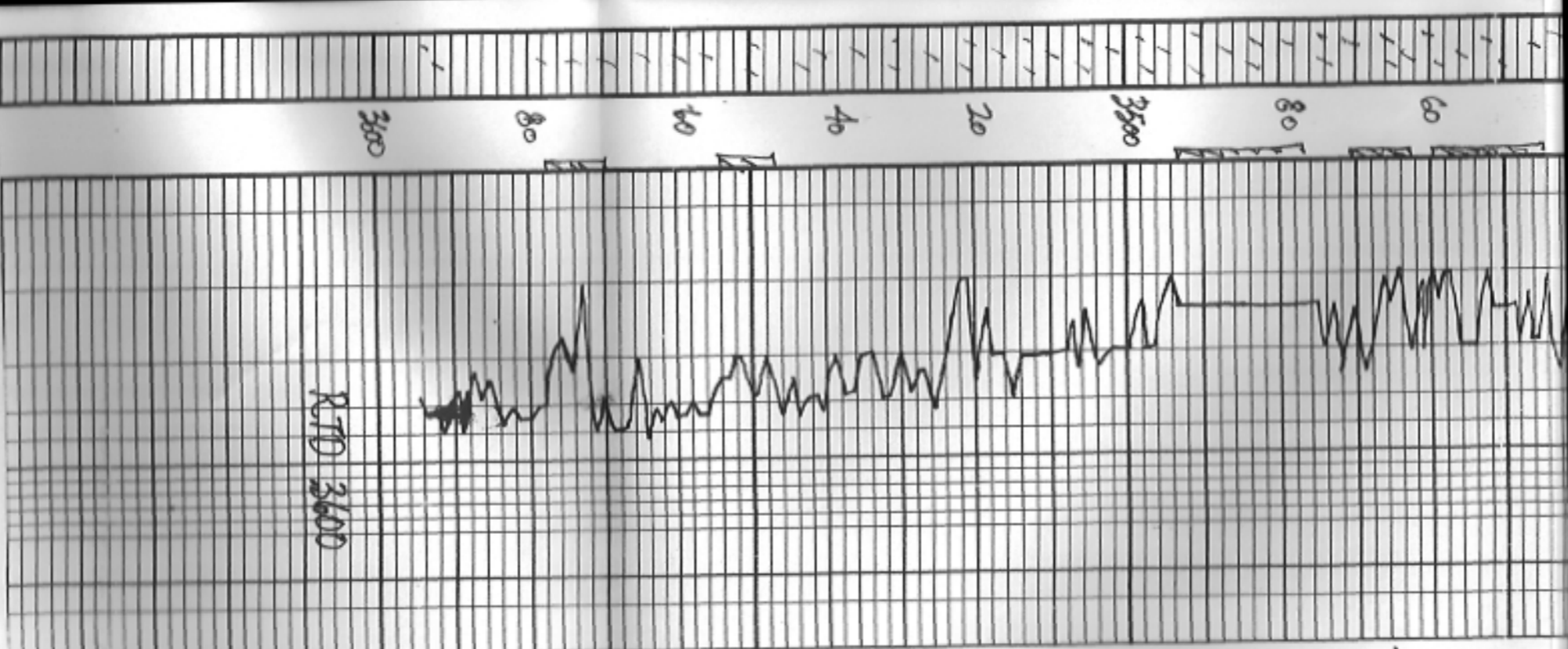
80
100
120
150
180
200
250
300

100
fine, fine-grained, all, coarse, cherty, sh.

80
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120
150
180
200
250
300

100
fine, fine-grained, all, coarse, cherty, sh.

80
100
120
150
180
200
250
300



del. from 1st lead (lead I)
 2nd & 3rd leads

are:
 2nd lead V1

are:

del. from 1st lead (lead I)
 2nd & 3rd leads
 4th lead - unrecorded & 21

del. from 1st lead (lead I)
 2nd & 3rd leads
 X-11 standard

del. from 1st lead (lead I)
 2nd & 3rd leads
 lead to case

del. from 1st lead (lead I)
 2nd & 3rd leads
 del. from 1st lead (lead I)

del. from 1st lead (lead I)
 2nd & 3rd leads
 del. from 1st lead (lead I)

