

Marc Downing

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GEOLOGIC REPORT LOG

COMPANY Downing-Nelson Oil Co, Inc.

WELL Saxton Family Unit #1-19

FIELD Steffen

LOCATION 1540' FSL & 1645' FEL

SEC. 19 TWP. 20s RGE. 20w

COUNTY Pawnee

STATE Kansas

PRODUCTION D+A

ELEVATION KB 2179

DF _____

GL 2171

Drilling Measured From: KB

Samples Saved From 4250 To: TD

Drilling Time From 3600 To: TD

Samples Examined From: 4250 To: TD

Geological Supervision From 3600 To Total Depth

Wellsite Geologist Marc Downing

Electrical Surveys None

OPERATOR DNOCI

CONTRACTOR Discovery Drilling Rig #4

COMM: 7-9-11 COMP: 7-46-11

CASING RECORD

SURF: 8 5/8" @ 1160' PROD: None

TOTAL DEPTH DRILLERS: 4340

TOTAL DEPTH LOG _____

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION
<u>Top Anhydrite</u>	<u>1364</u>		<u>+115</u>	<u>-2</u>
<u>Base Anhydrite</u>	<u>1392</u>		<u>+187</u>	<u>-2</u>
<u>KEARNER</u>	<u>3697</u>		<u>-1518</u>	<u>+2</u>
<u>LKC</u>	<u>3749</u>		<u>-1570</u>	<u>+3</u>
<u>RK</u>	<u>4057</u>		<u>-1878</u>	<u>+2</u>
<u>Frost Scott</u>	<u>4244</u>		<u>-2065</u>	<u>+2</u>
<u>CHERRYBEE SH.</u>	<u>4262</u>		<u>-2093</u>	<u>+2</u>
<u>Miss</u>	<u>4328</u>		<u>-2149</u>	<u>-16</u>
<u>Dsage</u>	<u>4335</u>		<u>-2156</u>	<u>NR</u>

REFERENCE WELL FOR STRUCTURE Credeessa Corp.

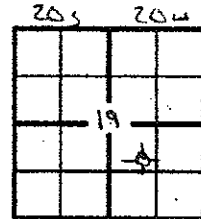
Saxton "A" #4

E/2-SW-SE

Sec 19-20s-20w

DAILY PENETRATION		BIT RECORD						
DATE	DEPTH	NO	SIZE	MAKE	TYPE	DEPTH OUT	FEET	HOURS

FORMATION	INTERVAL	DESCRIPTION OF SHOW	LOG ANALYSIS	
			S	W



DRILL STEM TESTS

No.	Interval	IFP/Time	ISIP/Time	FFP/Time	FSIP/Time	IHH-FHH	RECOVERY

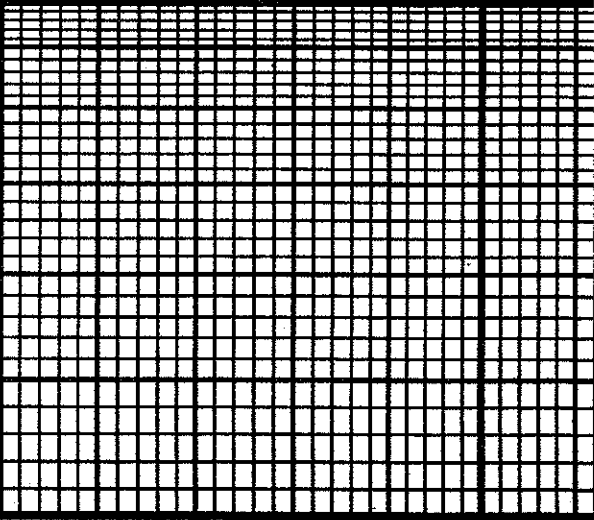
REMARKS AND RECOMMENDATIONS Miss low, lost productive and at
Detail section.

LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Carb sh
- Limestone
- Ool. Lime
- Chert
- Dolomite

DRILLING TIME IN MINUTES
PER FOOT
Rate of Penetration Decreases

5" 10" 15" 20" 25"

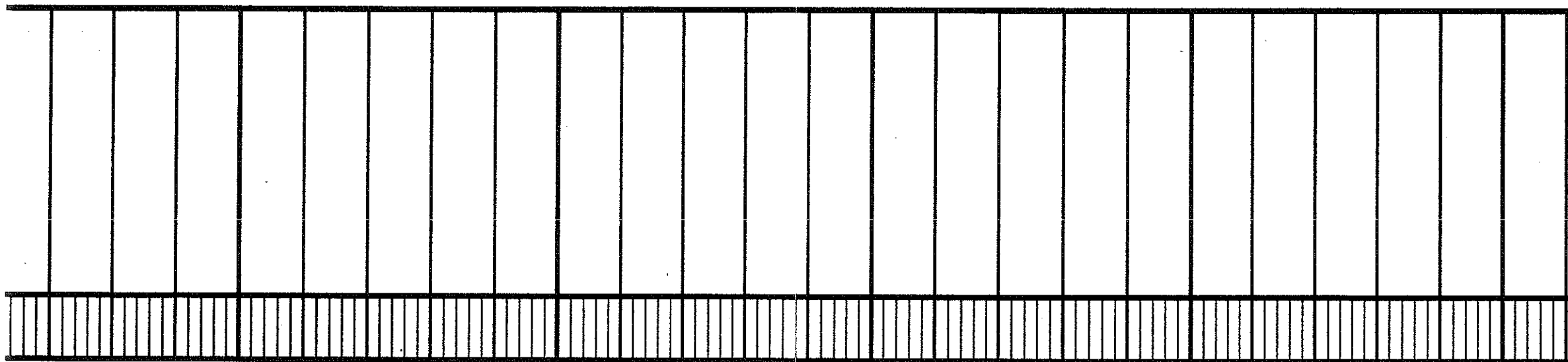


LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

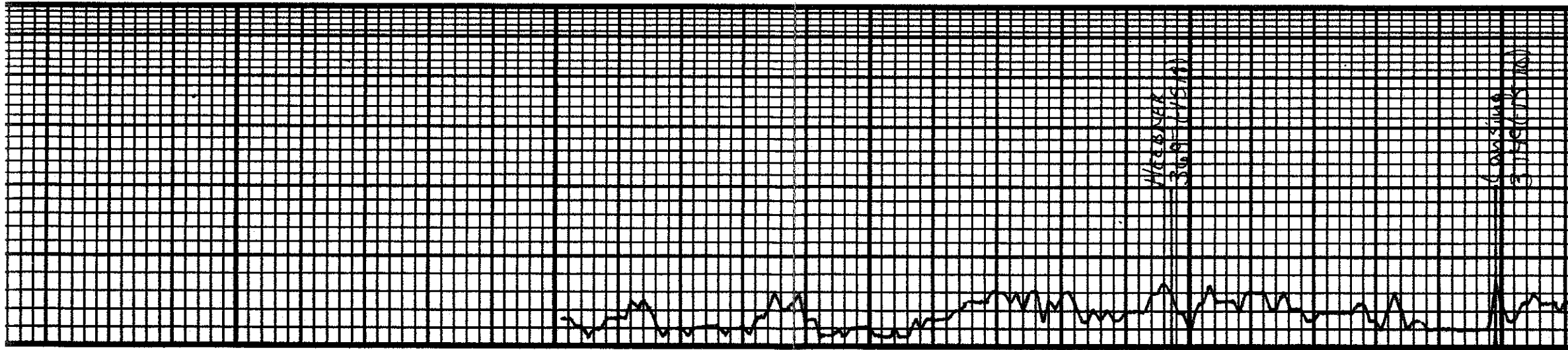


3600

50

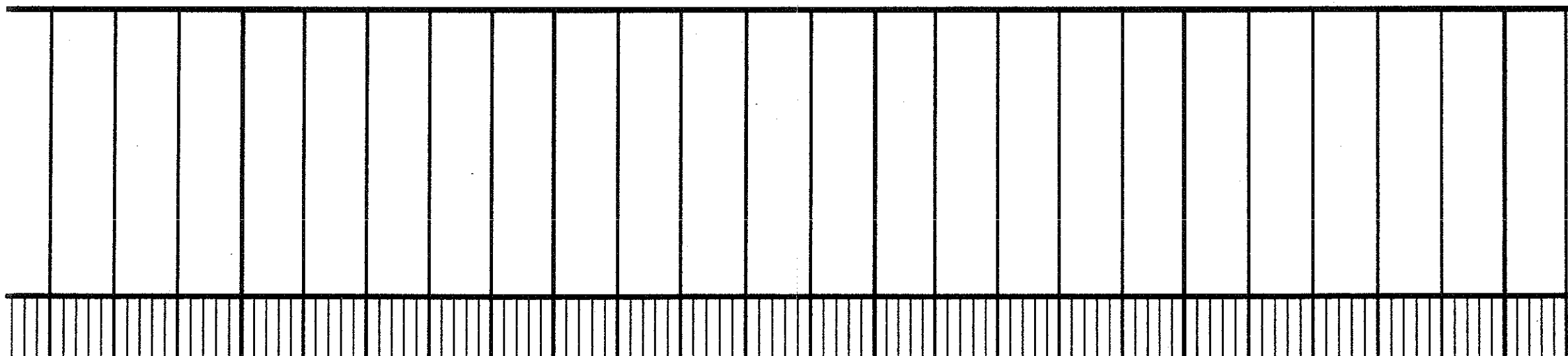
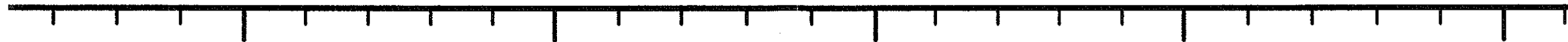
3700

50



WATERBURY
309-119570

WATERBURY
309-119570



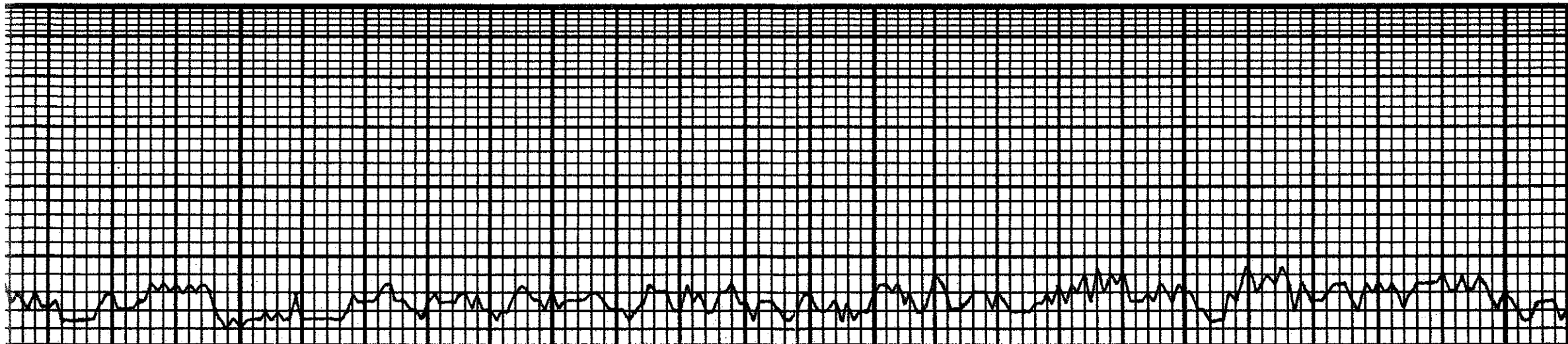
3900

50

3900

50

4000



50

4100

50

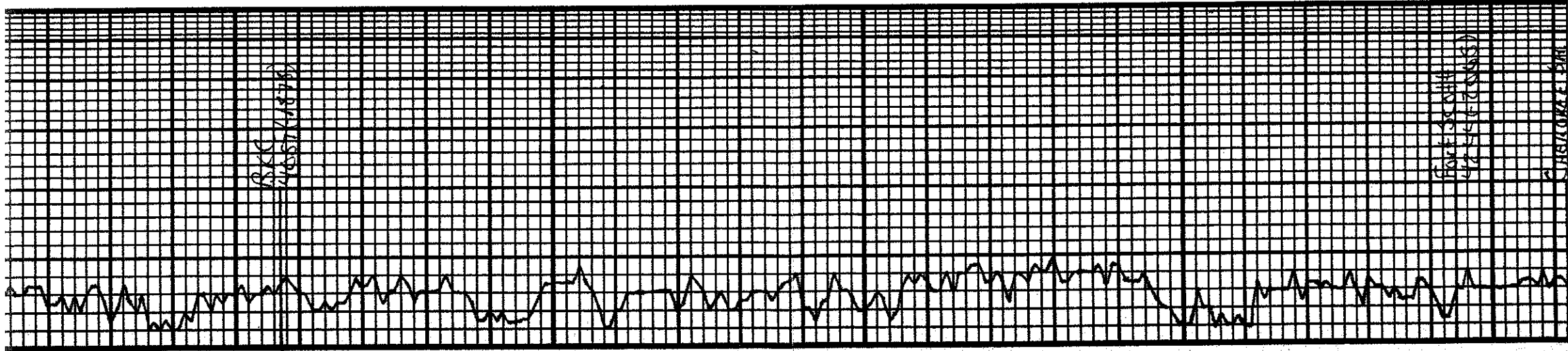
4200

50

RSC
4285-4333

RSC
4285-4333

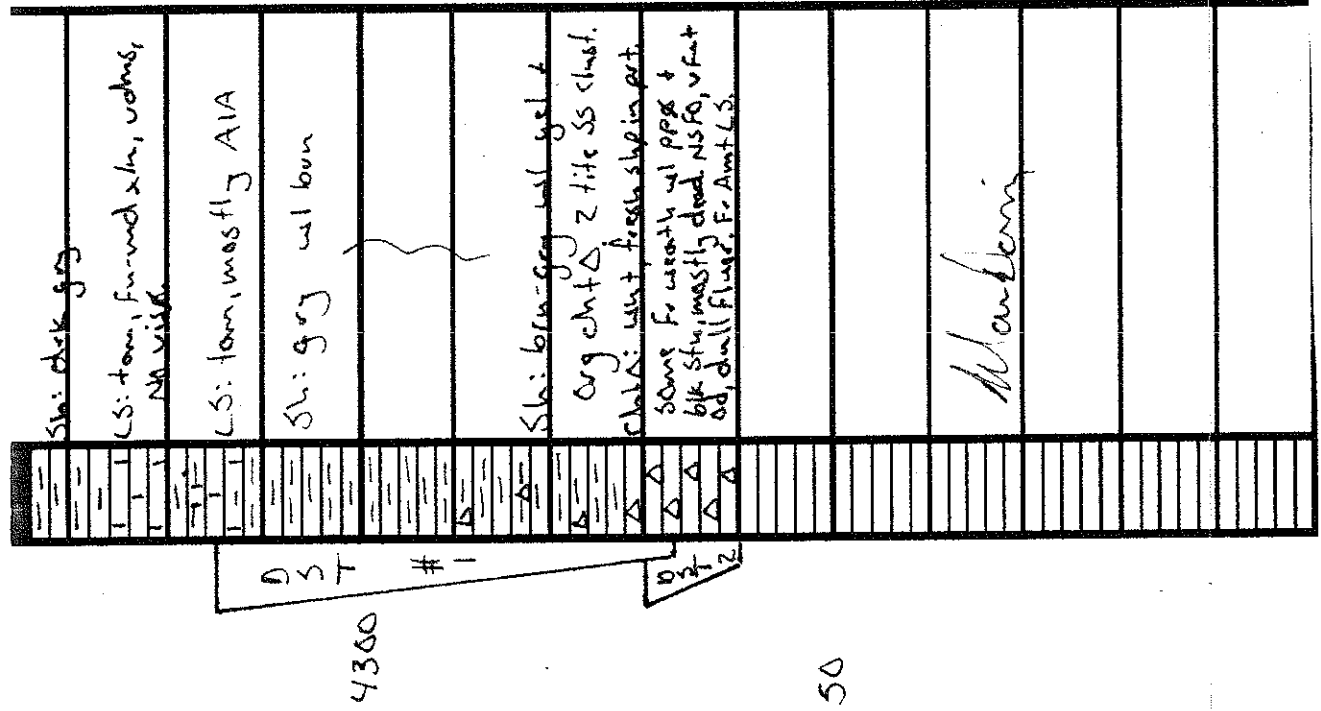
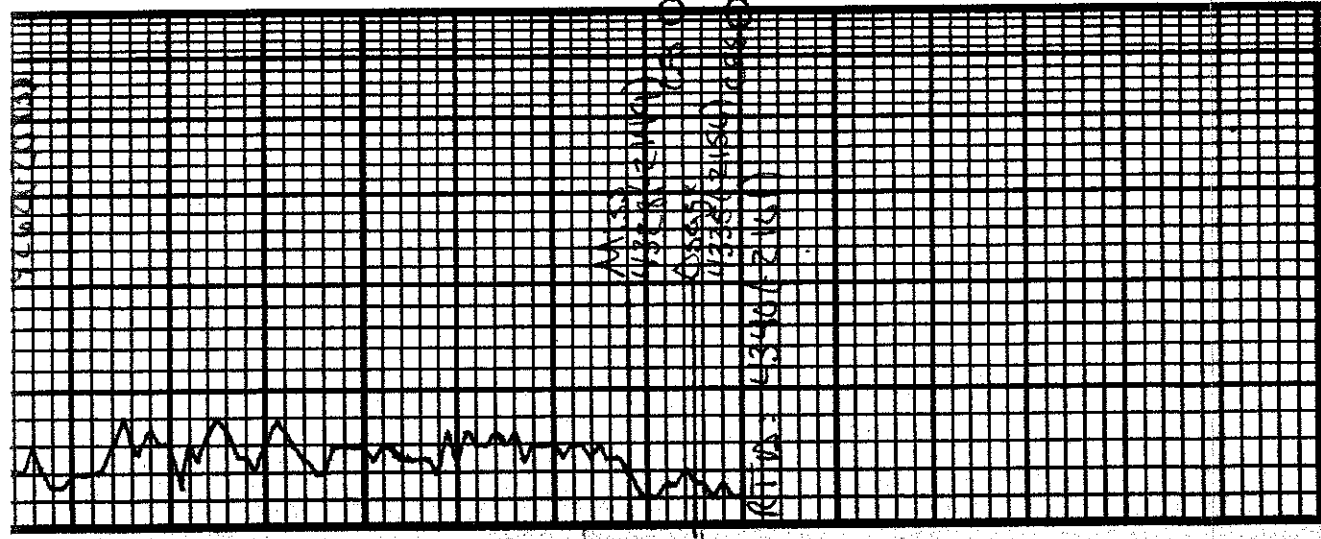
RSC
4285-4333



Sh: Black Carb
frng drk grey

LS: Whit. fm - v. fine grained
No visq. Rx tang torn,
mdx la ul depth. All NS.

Vis: 6.2 Lst: 9.0
OST # 1
4285-4333
30-30-30-30



IFP: 25-28
 FFP: 28-34
 SIP: 102-93
 HP: 2116-2069

Rec: 5' mud
 BHT: 115°F

DST # 2
 4330-4340
 30-30-30-30
 IFP: 31-40
 FFP: 41-51
 SIP: 1313-1301
 HP: 2126-2070

Rec: 70' mud 55%
 BHT: 122° Chlor: 24K