LANE WELLS COMPANY

Radioactivity Log

COMPANY: LINN COUNTY OIL DEVELOPMNT CORP.
WELL: BARR #1
FIELD: LEBANON
LOCATION: SEC. 32-RIW-TIIS
COUNTY: LINN
STATE: OREGON

COMPANY: LINN COUNTY OIL DEVELOPMENT CORPORATION
WELL: BARR #1
FIELD: LEBANON
LOCATION: SEC. 32-RIW-TIIS
COUNTY: LINN STATE OREGON

Well Location

LOG ZERO KELLY BUSHING ELEV.
DRLG. ZERO KELLY BUSHING ELEV.
PERM. DATUM KELLY BUSHING ELEV.

TYPE OF LOG	GammaRay	Neutron	Cemoton	
RUN NO.	1	1	1	
DATE	12-11-58	12-11-58	12-11-58	
TOTAL DEPTH (DRILLER)	4418	4413	4418	
EFFECTIVE DEPTH (DRILLER)	4412	4412	4412	
TOP OF LOGGED INTERVAL	388	400	1100	
BOTTOM OF LOGGED INTERVAL	3999	4111	4111	
TYPE OF FLUID IN HOLE	Mud	Mud	Mud	
FLUID LEVEL	Full	Full	Full	
MAXIMUM RECORDED TEMP.	97°	97°	97°	
SOURCE STRENGTH & TYPE		S10A3	S10A3	
SOURCE SPACING — IN.		13.5"	13.5"	
DETECTOR CLASS	Scint	Scint	Scint	
DETECTOR TYPE	D4G1	D6N1	D6P2	
LENGTH OF MEAS. DEVICE— IN.	4	4	4	
O.D. OF INSTRUMENT—IN.	3⅝	3⅝	3⅝	
TIME CONSTANT — SECONDS	2	2	.9	
LOGGING SPEED FT./MIN.	50	50	100	
STATISTICAL VARIATION — IN.	Recorded	Recorded		
SENSITIVITY REFERENCE	C933	D368		
RECORDED BY	Fisher	Fisher	Fisher	
WITNESSED BY	Sills	Sills	Sills	

WELL RECORD

RUN	BIT SIZE	CASING	WT.—LB.	FROM WELL RECORD	FROM LOG
1		5½"	15.5#	0 TO 4418	TO
				TO	TO
				TO	TO
				TO	TO
				TO	TO

REMARKS OR OTHER DATA

COLLAR LOG

NEUTRON

RADIATION INTENSITY INCREASES

LOGGING SENSITIVITY
SENSITIVITY READING -- DD 258
MULTIPLIER X1
ZERO SUPPRESSION ---- -10

800EU 80 2400EU

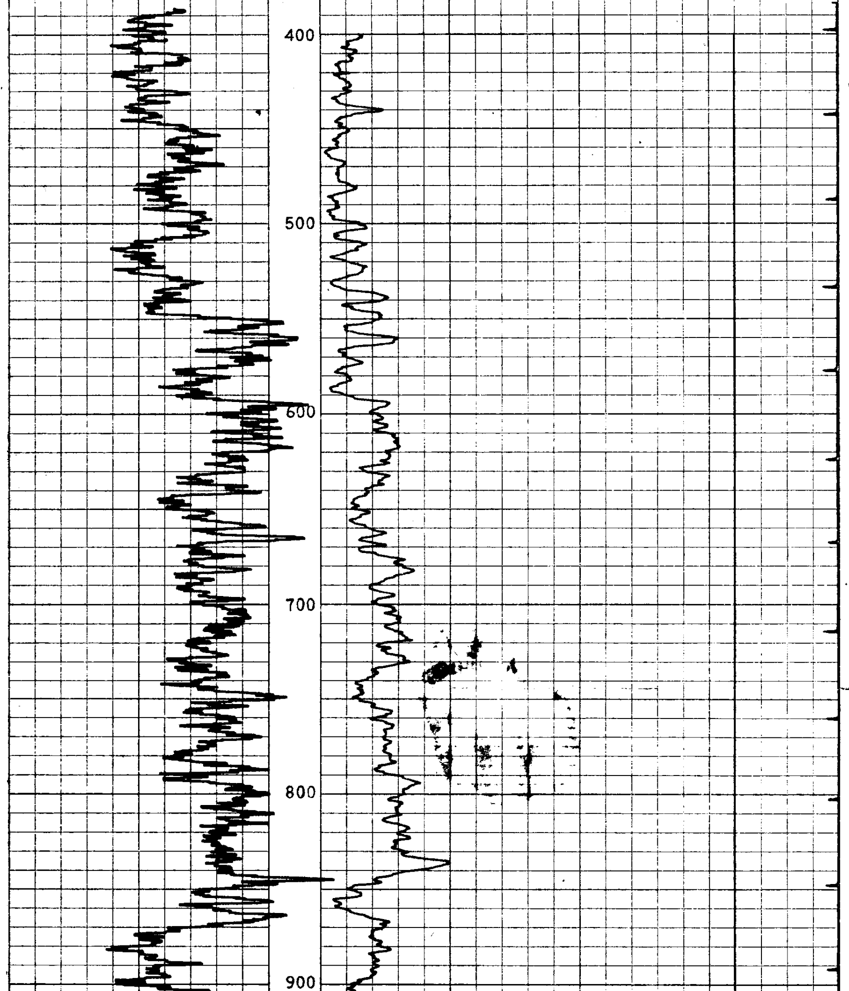
DEPTH

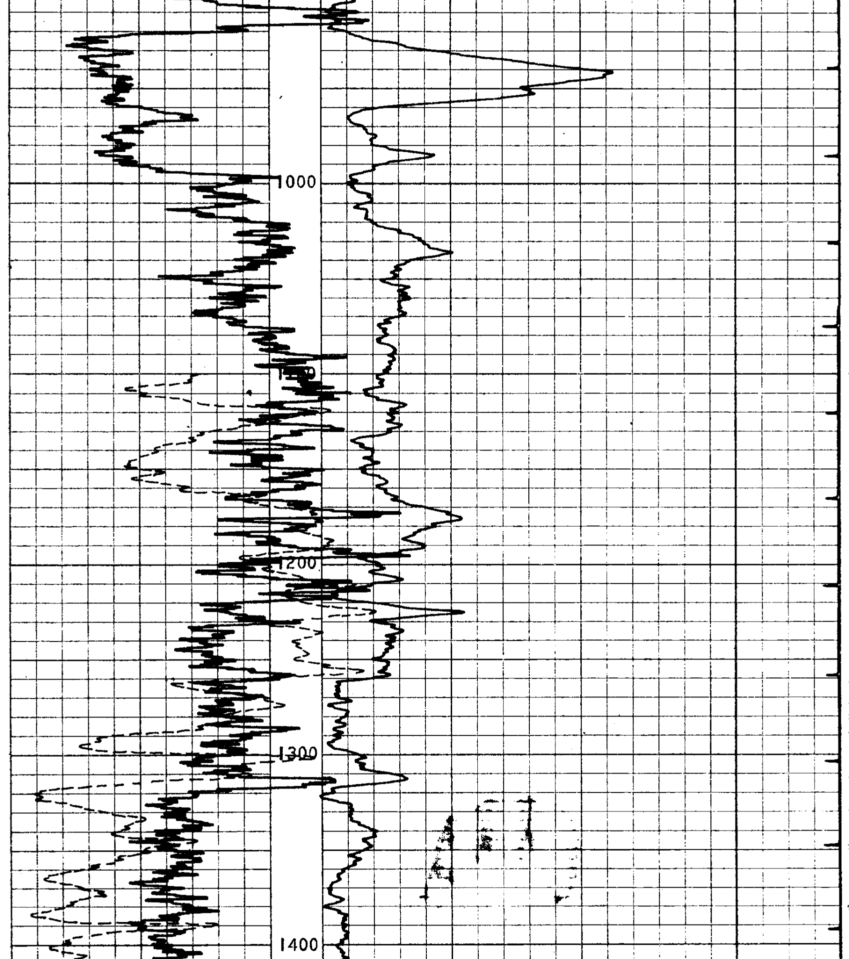
GAMMA RAY

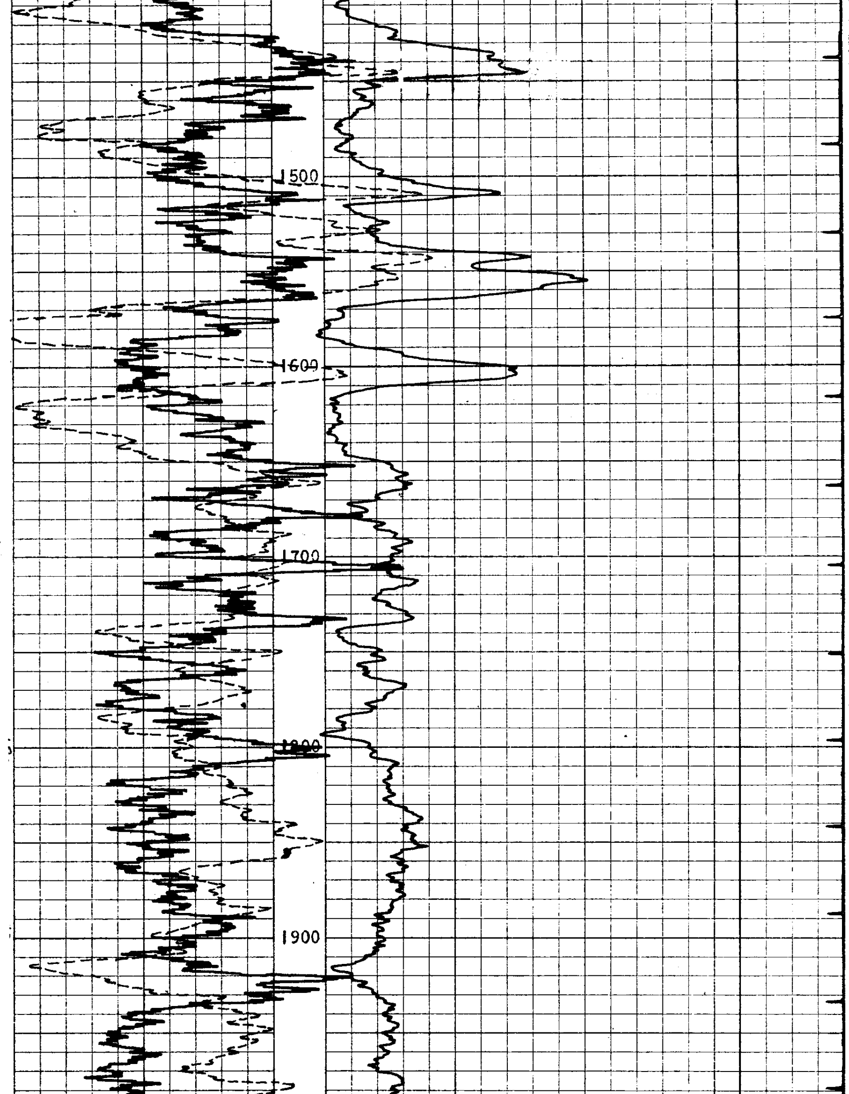
RADIATION INTENSITY INCREASES

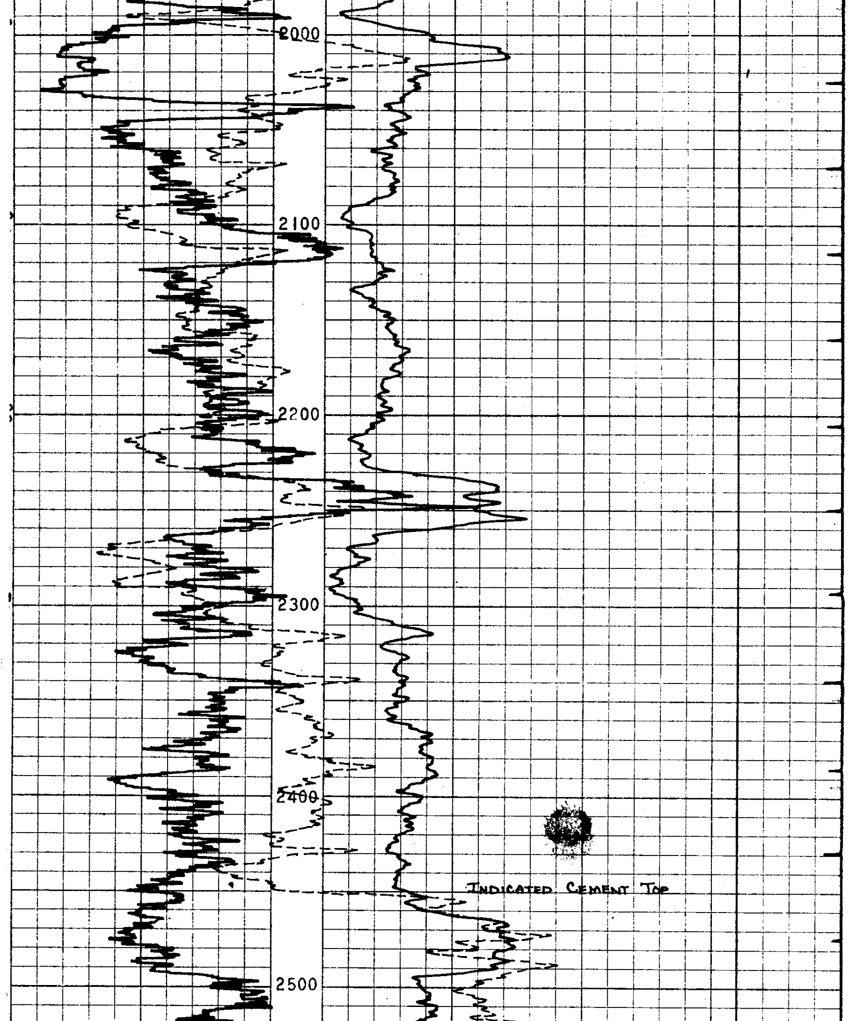
LOGGING SENSITIVITY
SENSITIVITY READING -- 240
MULTIPLIER X10
ZERO SUPPRESSION ---- -3

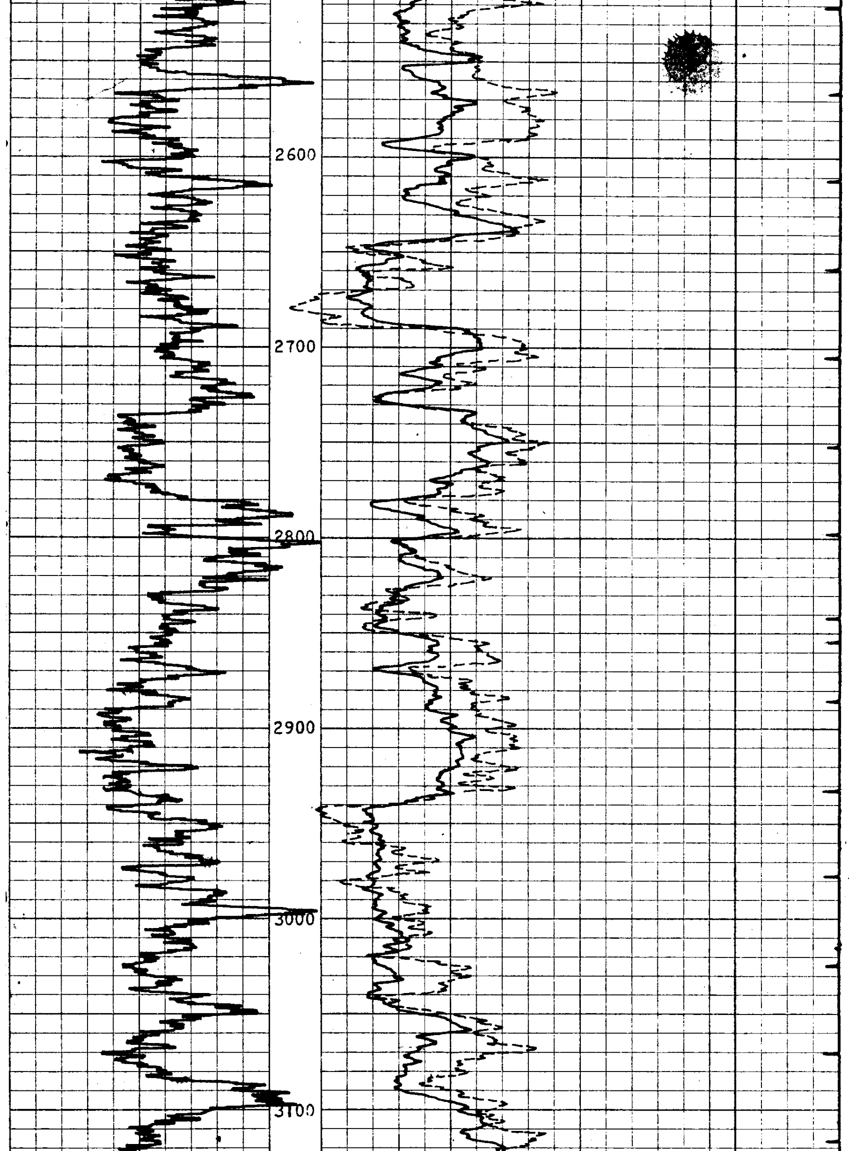
3RU 1 13RU

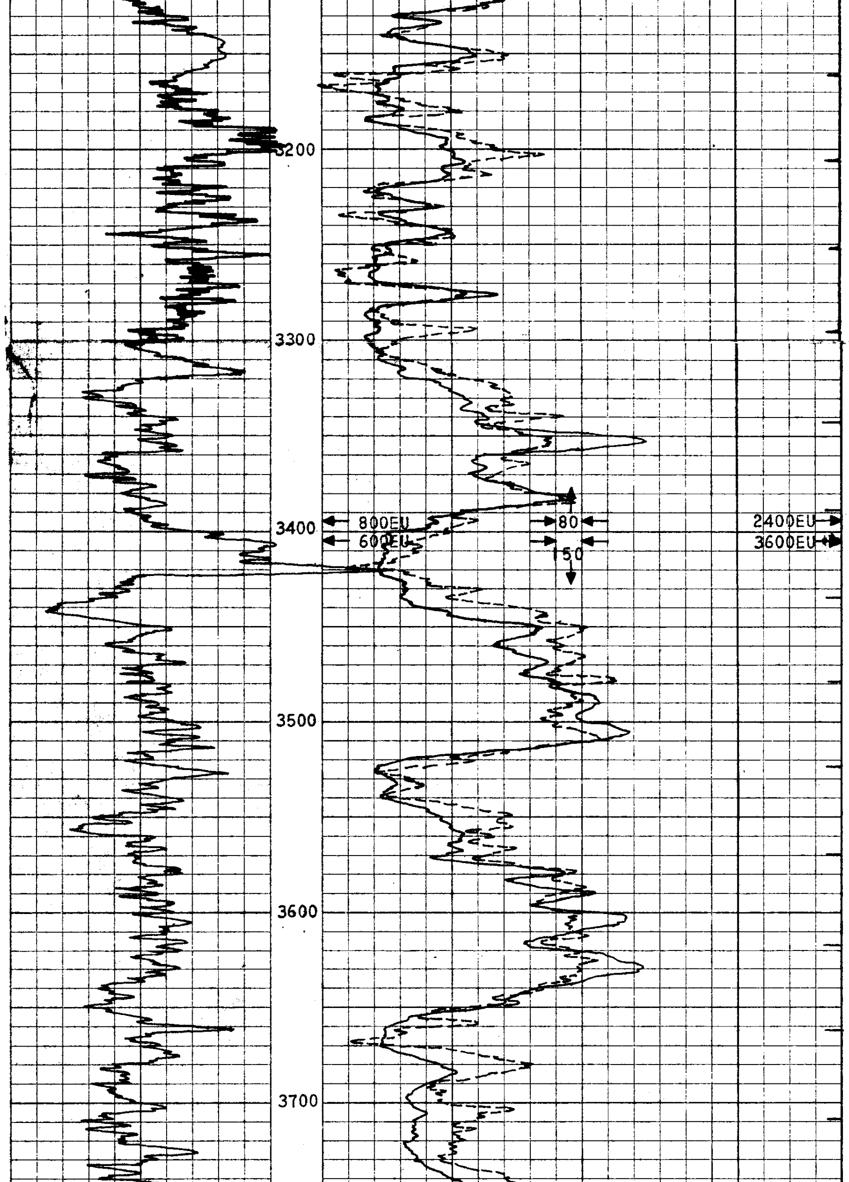


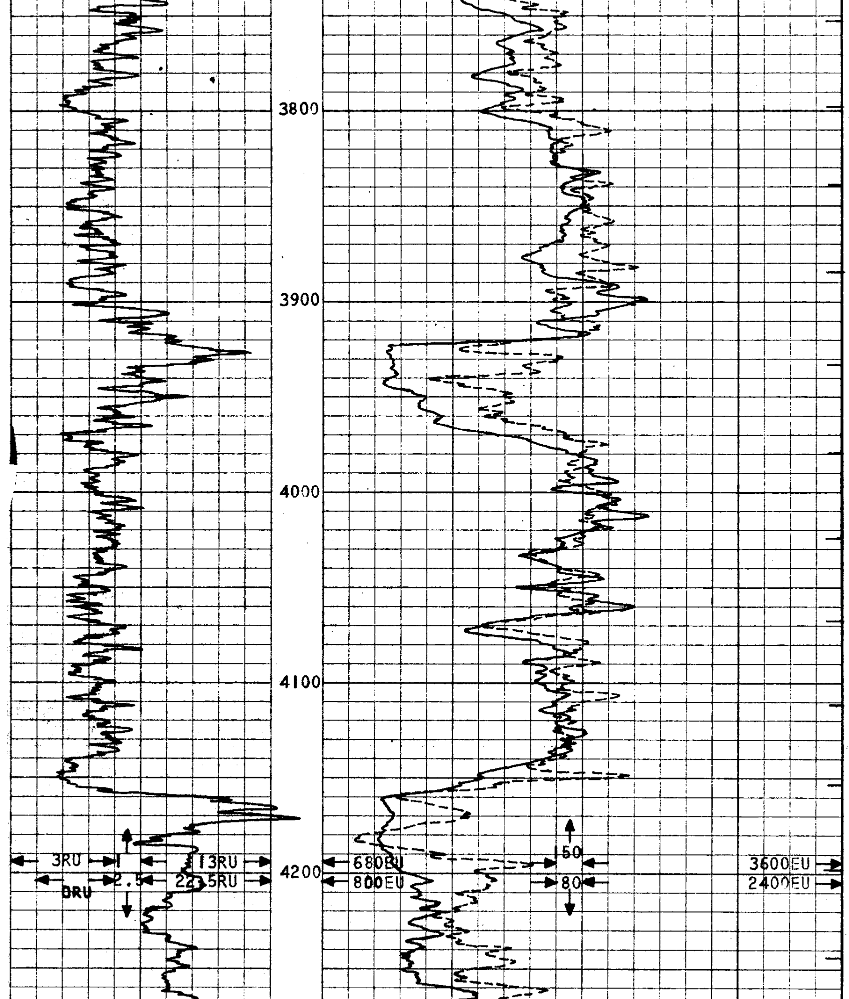


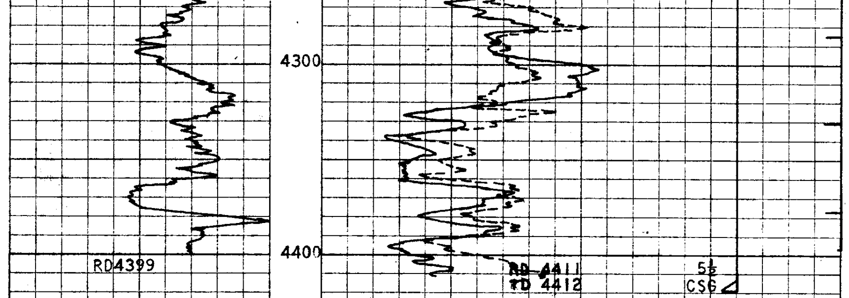












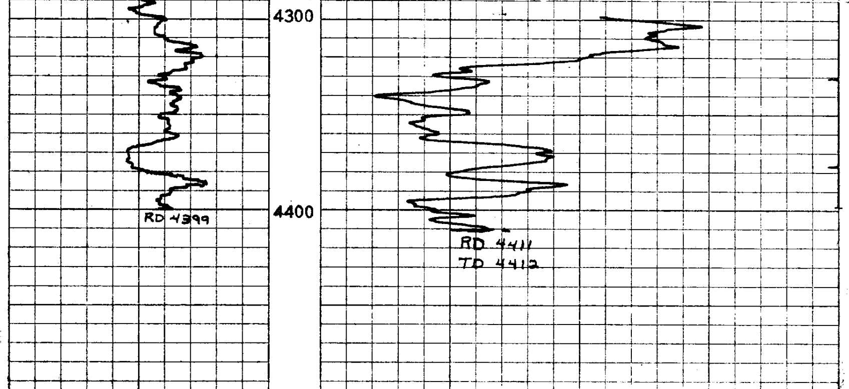
LINN COUNTY OIL
DEVELOPMENT CORPORATION
BARR #1
LEBANON

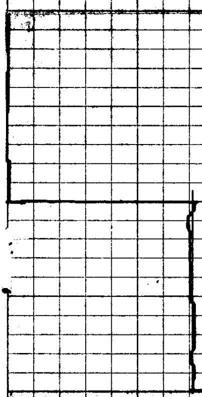
LOGGING SENSITIVITY
SENSITIVITY READING - - 600
MULTIPLIER - - - - - - - - X1
ZERO SUPPRESSION - - - +2

LOGGING SENSITIVITY
SENSITIVITY READING - - 345
MULTIPLIER - - - - - - - - X1
ZERO SUPPRESSION - - - - -14

←-8 RU —4 ←32 RU→ ←840 EU →60← 2040 EU→

REPEAT SECTION





NEUTRON LOG CALIBRATION BEFORE LOG

ENVIRONMENTAL UNITS OF CALIB. STD.	1000
SENSITIVITY READING	400
MULTIPLIER	X1
ZERO SUPPRESSION	-12
TIME CONSTANT	6
MEASURED CHART DIVISIONS	19.5

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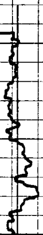
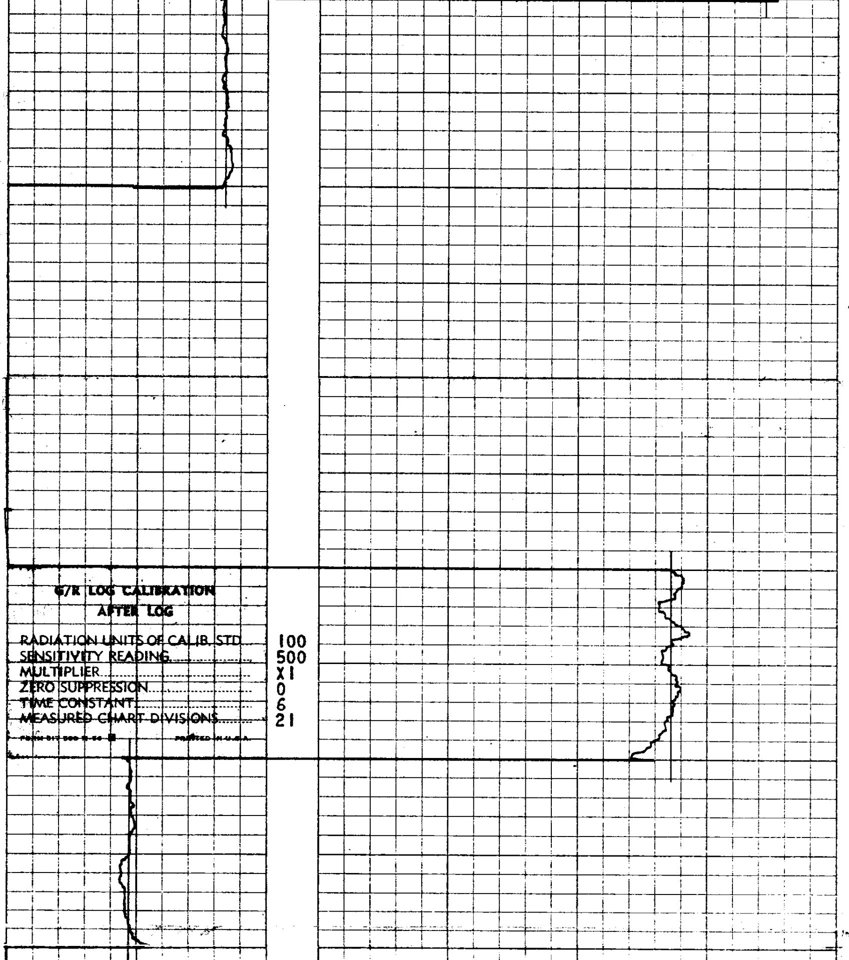
G/R LOG CALIBRATION BEFORE LOG

RADIATION UNITS OF CALIB. STD.	100
SENSITIVITY READING	500
MULTIPLIER	X1
ZERO SUPPRESSION	0
TIME CONSTANT	6
MEASURED CHART DIVISIONS	20.8

FORM 317 300 11-56 PRINTED IN U.S.A.





G/R LOG CALIBRATION

AFTER LOG

RADIATION UNITS OF CALIB. STD.	100
SENSITIVITY READING	500
MULTIPLIER	X1
ZERO SUPPRESSION	0
TIME CONSTANT	6
MEASURED CHART DIVISIONS	21

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NEUTRON LOG CALIBRATION
AFTER LOG

ENVIRONMENTAL UNITS OF CALIB. STD.	1000
SENSITIVITY READING	258
MULTIPLIER	X 1
ZERO SUPPRESSION	-12
TIME CONSTANT	2
MEASURED CHART DIVISIONS	12.4

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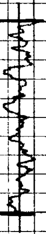

LINN COUNTY OIL
DEVELOPMENT CORPORATION
BARR # 1
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