Dresser Atlas

DRESSER

COMPENSATED DENSILOG®
COMPENSATED NEUTRON

FILE NO.

API NO.

5" = 100'

COMPANY OREGON NATURAL GAS COPR.

WELL OM 44A-3

FIELD MIST

COUNTY COLUMBIA STATE OR.

LOCATION:

1239' N & 267' W FR/SE CORNER.

SEC3 TWP6N RGE5W

OTHER SERVICES
DIFL/AC
DIPLOG

PERMANENT DATUM GL ELEV. 1171.7

LOGGING MEASURED FROM KB 12.5' FT. ABOVE P.D.

DRILLING MEASURED FROM KB

ELEVATIONS
KB 1184.23
DF
GL 1171.73

Confidential

DATE	12/12/86			
RUN	1			
SERVICE ORDER	22805			
DEPTH-DRILLER	3655'			
DEPTH-LOGGER	3650'			
BOTTOM LOGGED INTERVAL	3648'			
TOP LOGGED INTERVAL	428'			
CASING - DRILLER	8 5/8"	@ 432'	@	@	@
CASING - LOGGER	428'			
BIT SIZE	7.875			
TYPE FLUID IN HOLE	GEL/WATER/LCM			
DENSITY / VISCOSITY	8.7	43		
PH / FLUID LOSS	9.0	6.9		
SOURCE OF SAMPLE	FLOWLINE			
RM AT MEAS. TEMP.	2.65	@ 60 DEG. F	@	@	@
RMF AT MEAS. TEMP.	3.50	@ 60 DEG. F	@	@	@
RMC AT MEAS. TEMP.	2.90	@ 60 DEG. F	@	@	@
SOURCE OF RMF / RMC	M	M		
RM AT BHT	1.59	@ > 100 DEG.	@	@	@
TIME SINCE CIRCULATION	7 HRS			
MAX. REC. TEMP. DEG. F	> 100 DEG. F			
EQUIP. NO. / LOC.	6406	SACRAMENTO		
RECORDED BY	M. HINDS			
WITNESSED BY	MR. THOMAS			

FOLD HERE

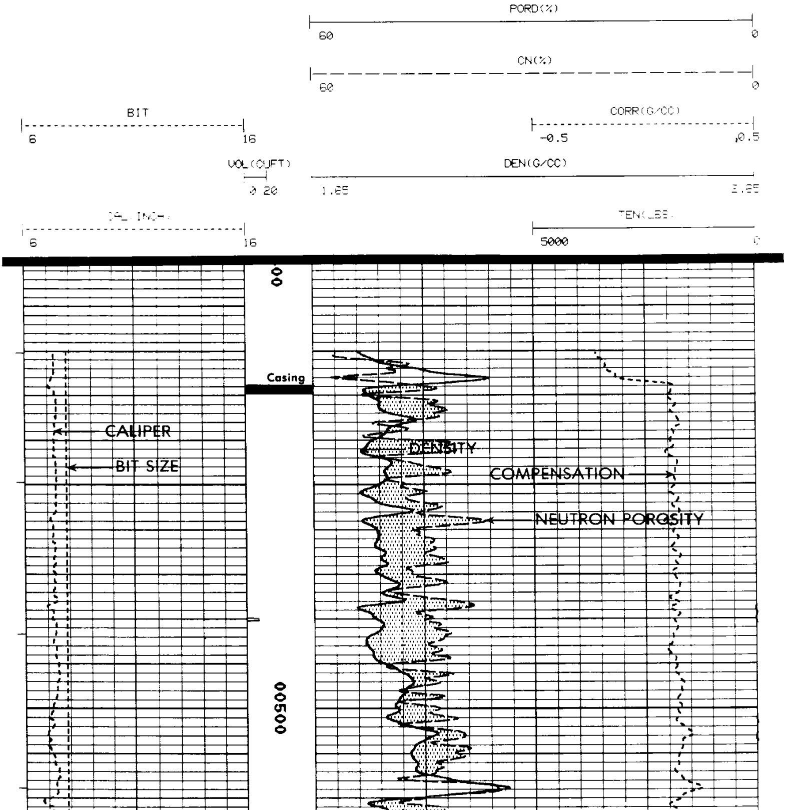
IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT, BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASURMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

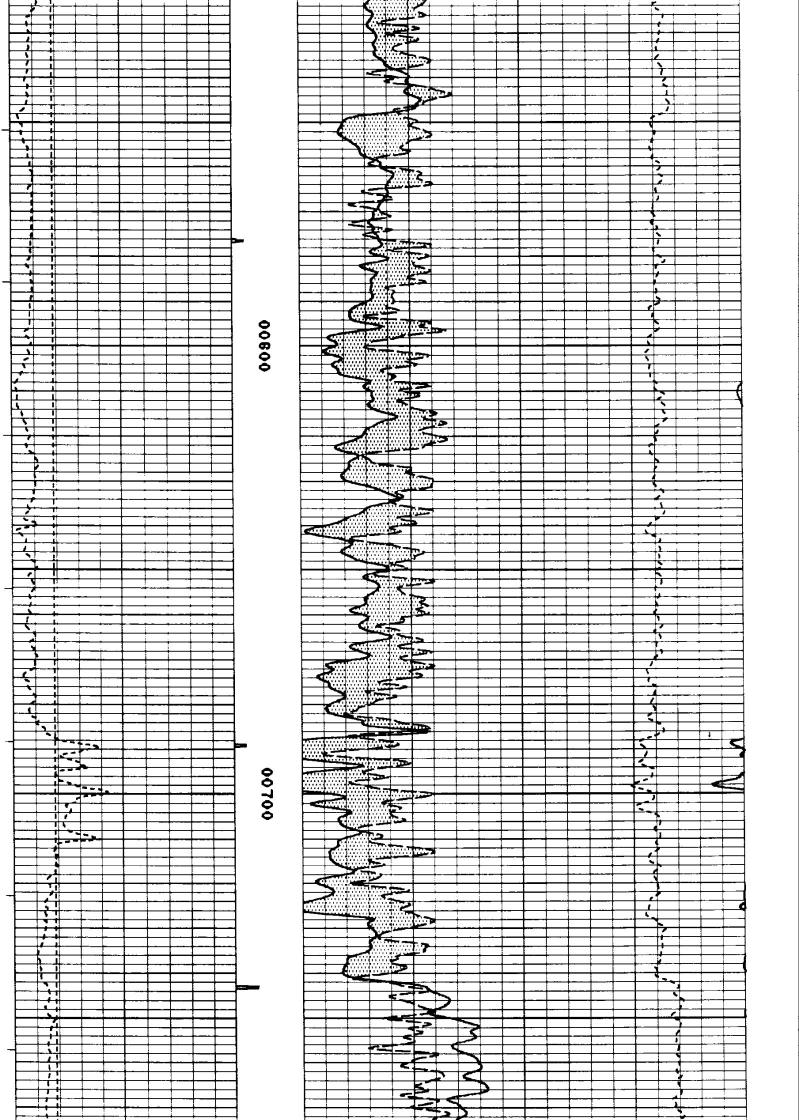
REMARKS RUN (1)

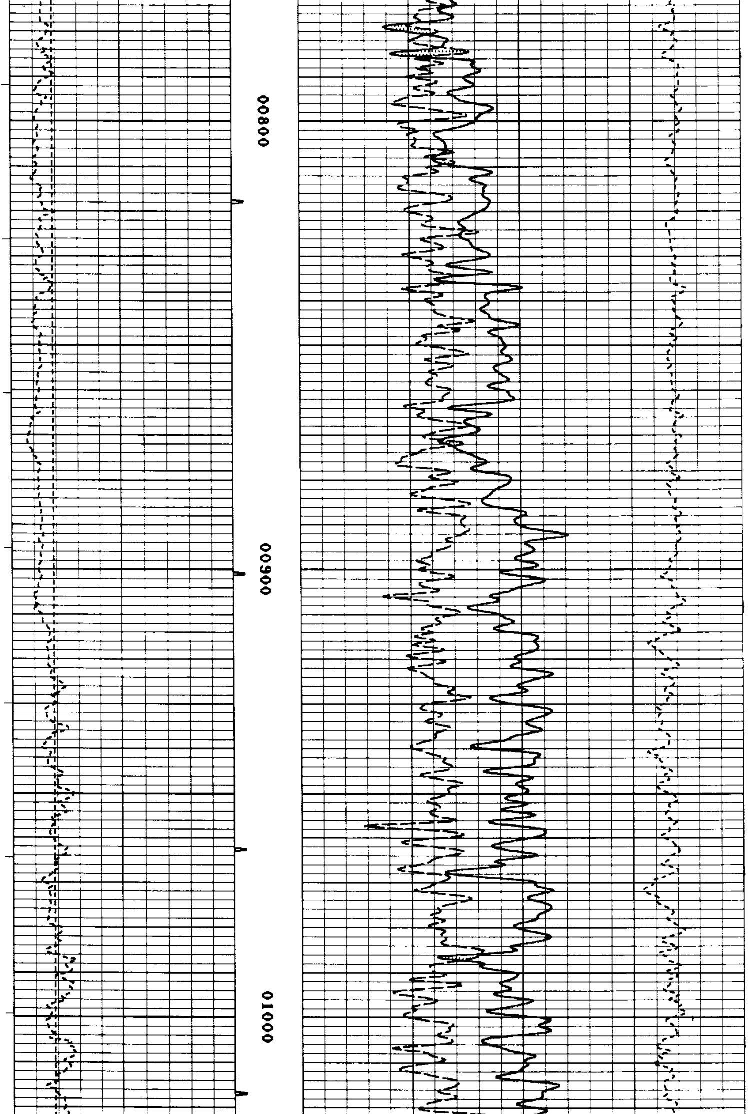
EQUIPMENT DATA

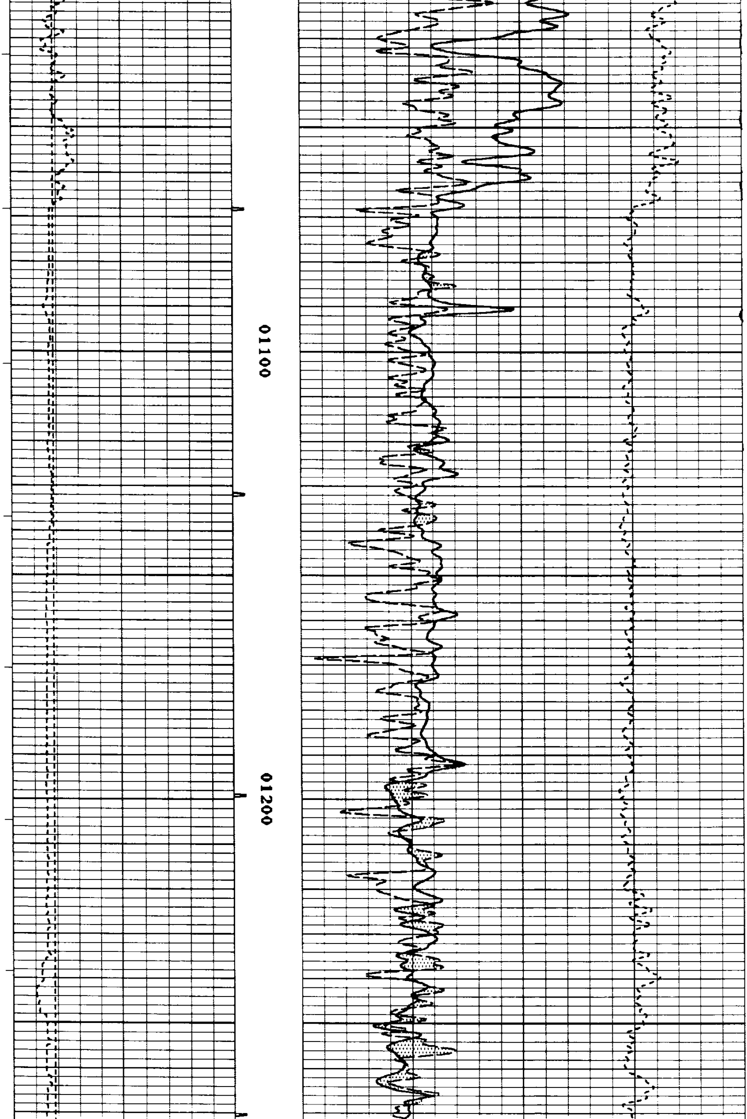
RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	CDL	60578	2212	DE-CENT
1	1	CAL	60578	2212	VARABLE
1	1	CN	73532	2420	DE-CENT
1	1	GR			

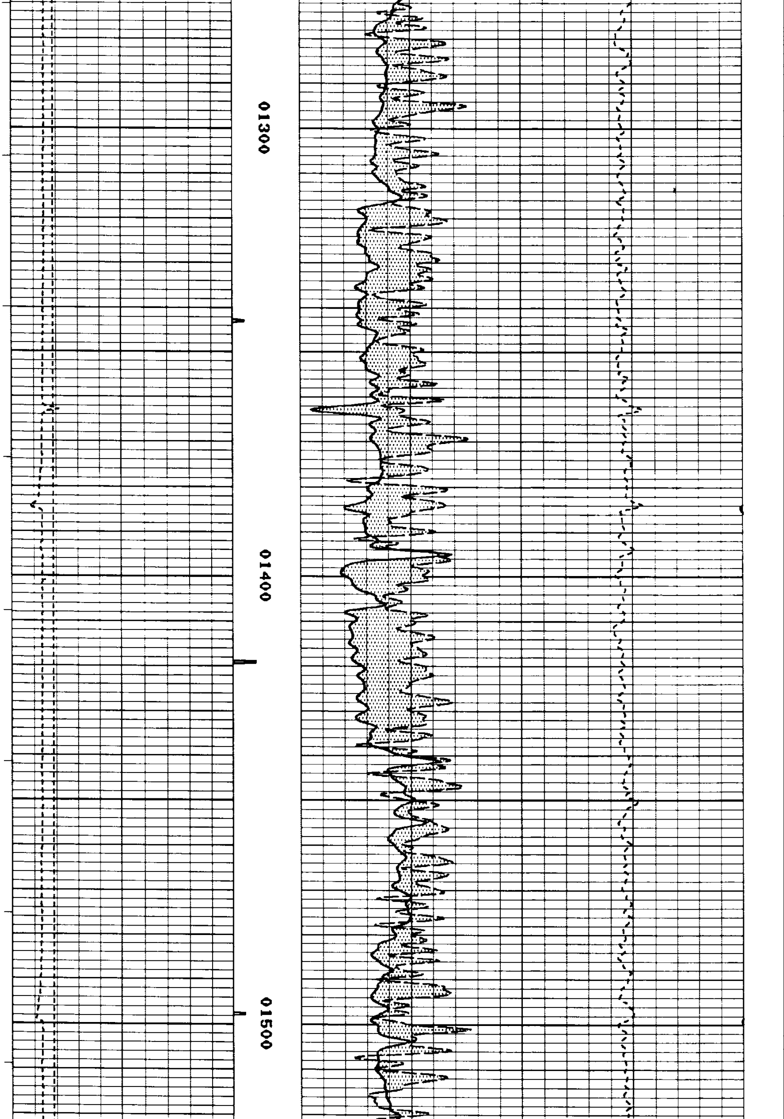
COMPANY:	OREGON NATURAL GAS COPR.			RUN:	1
WELL NAME:	OM 44A-3			TRIP:	1
SERVICE:	KC227F	FILE: 2	DATE: 12/13/86	TIME:	03:07:43
REVISION:	FSYSAL REV D007 VER 7			MODE:	RECORD

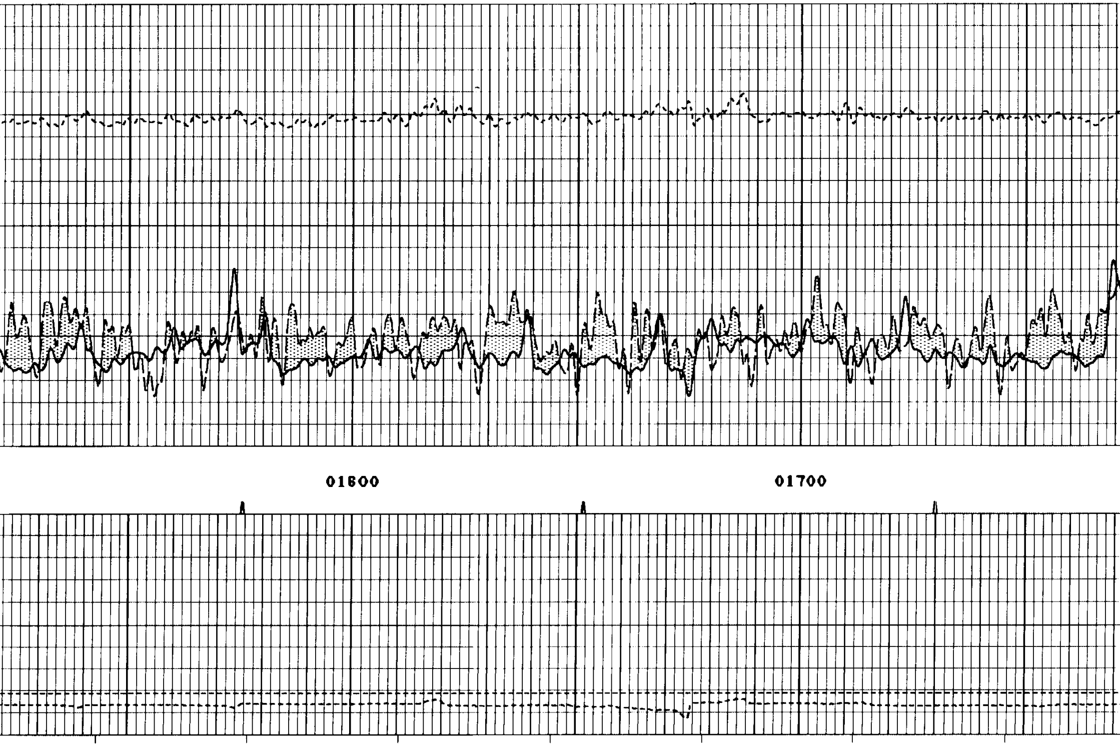


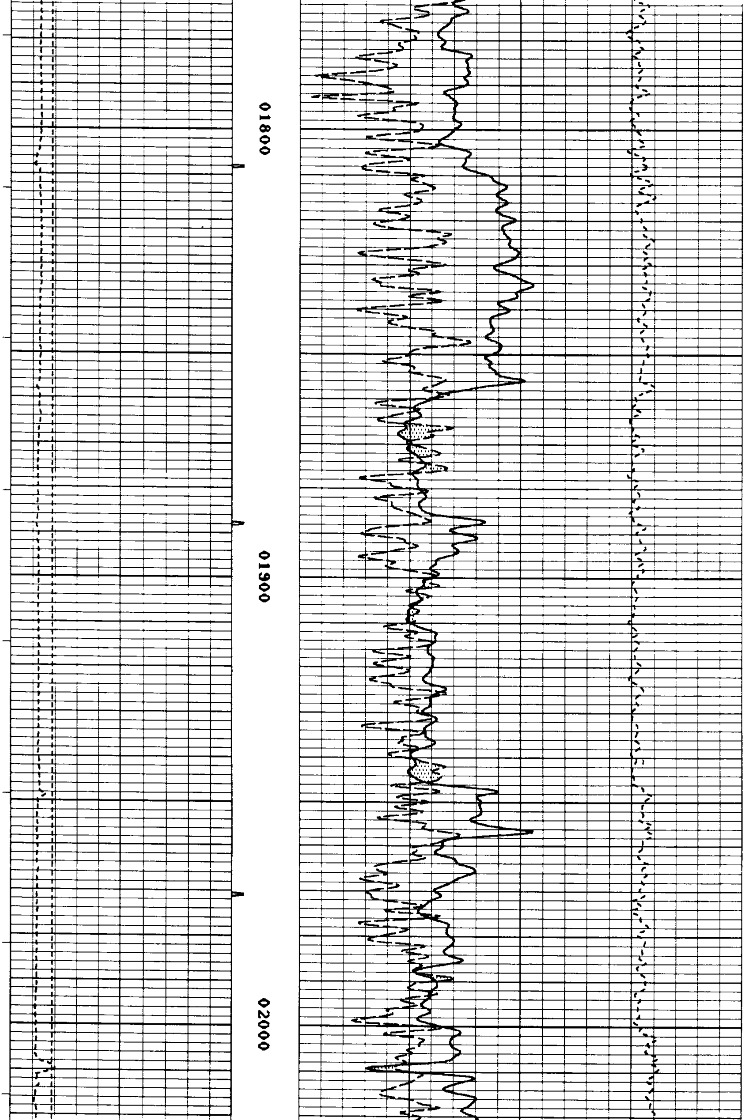


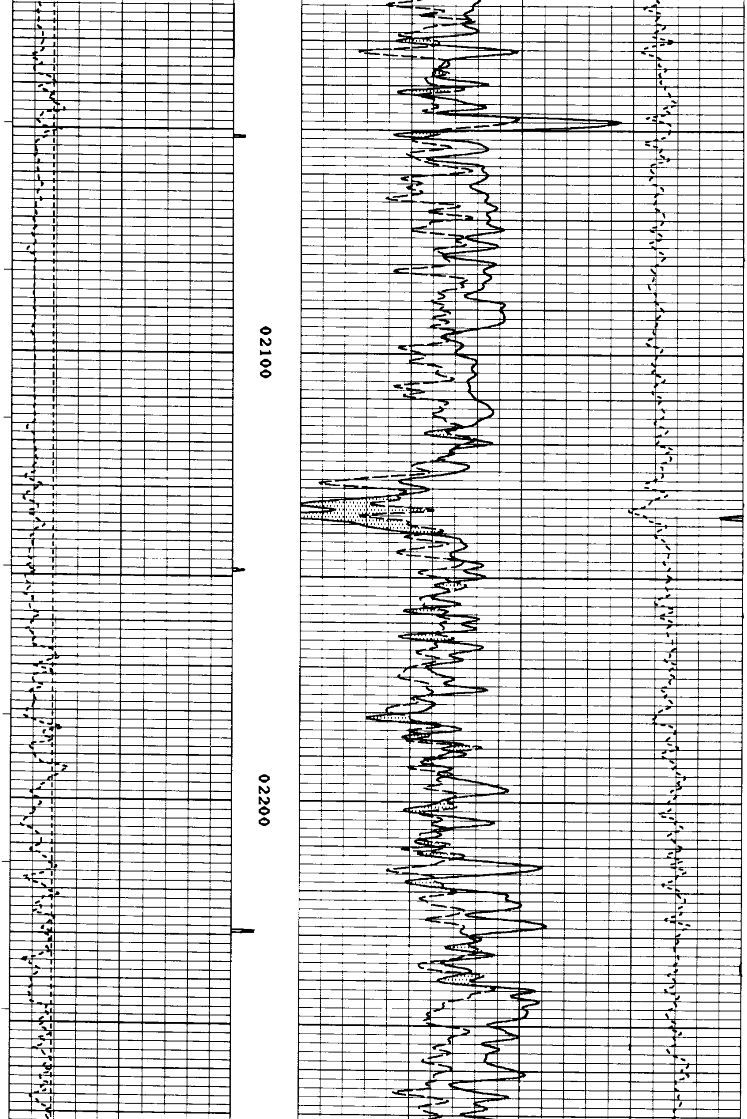


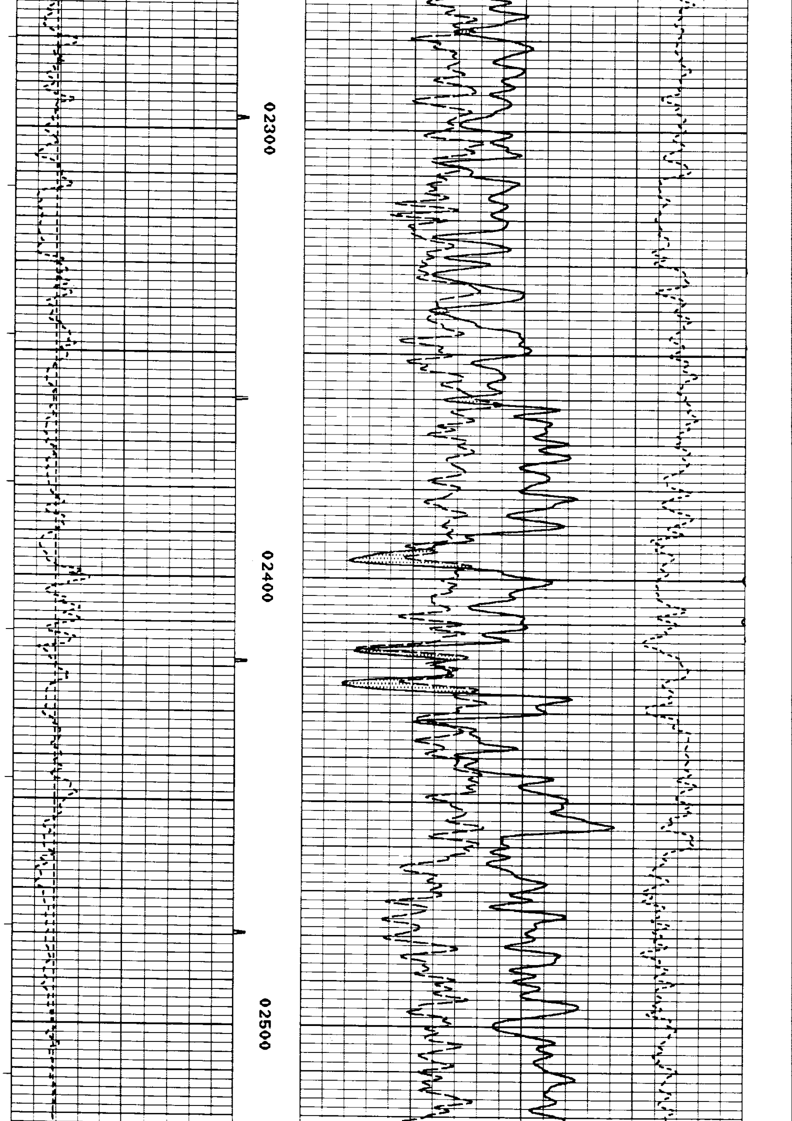


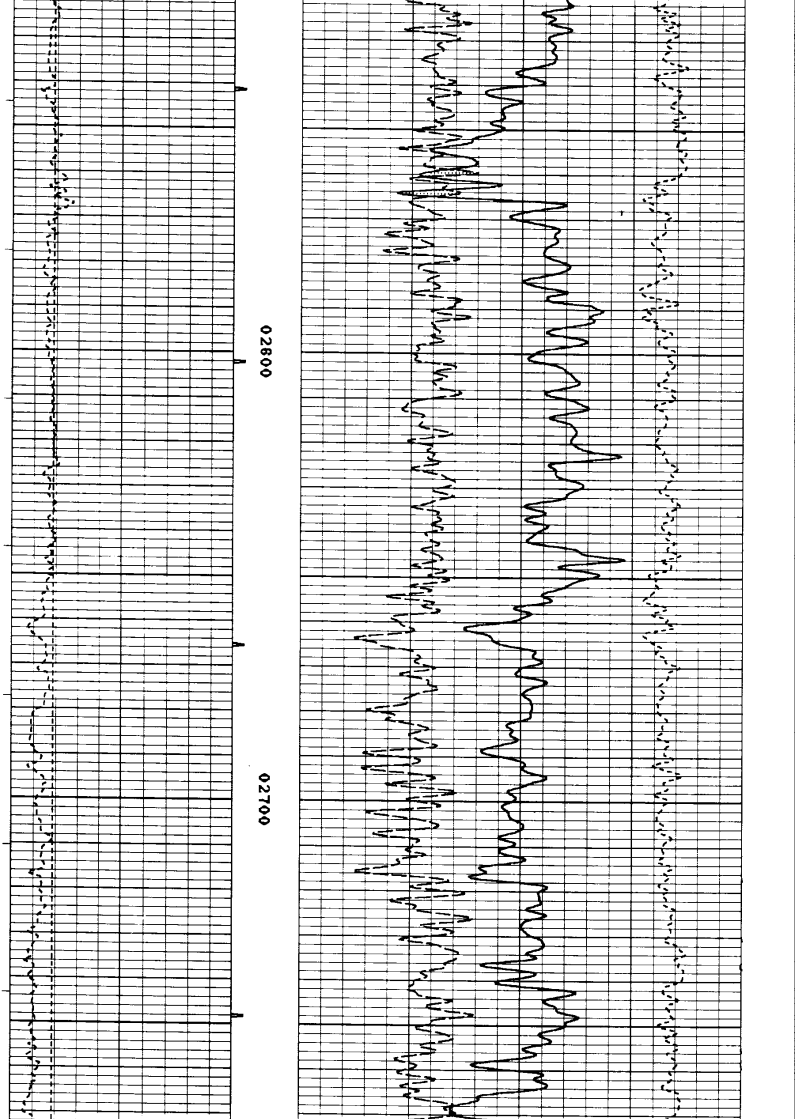


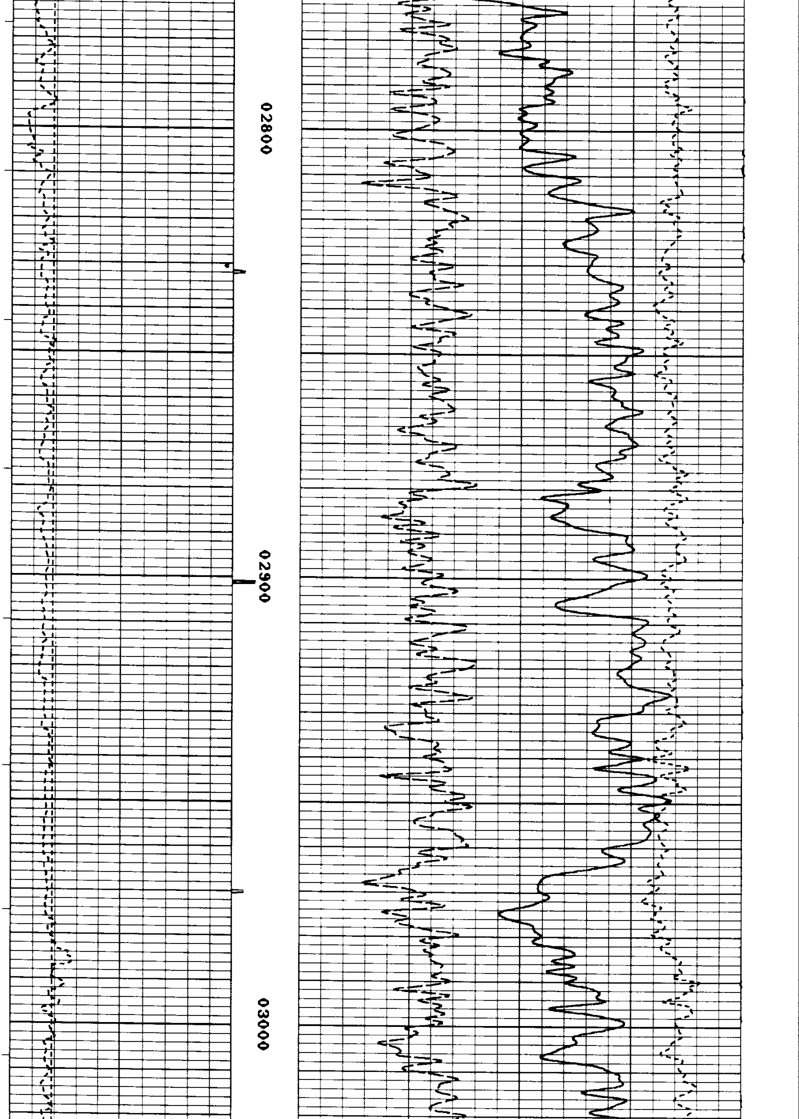


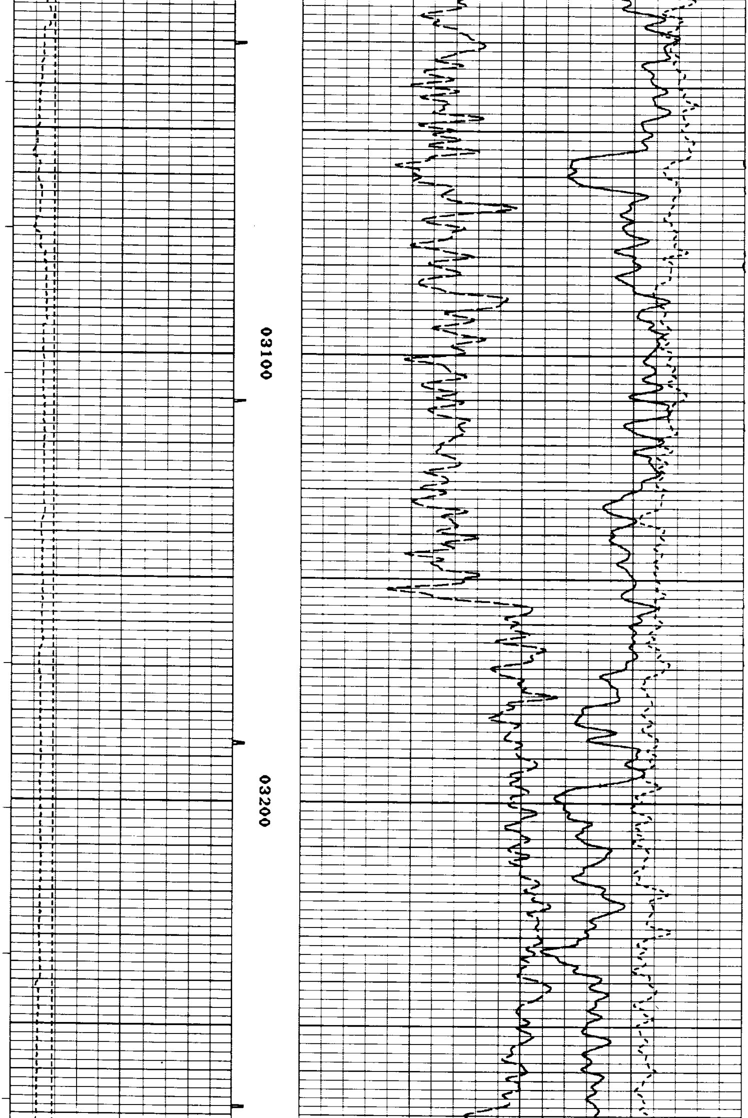


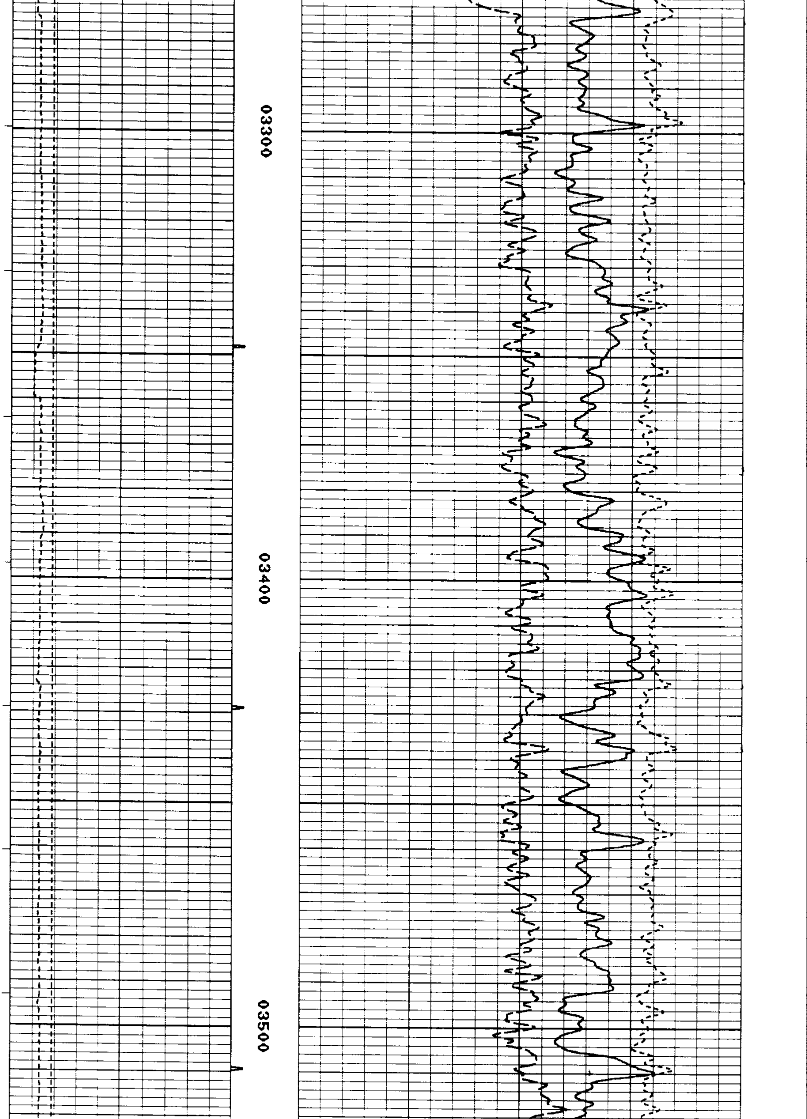


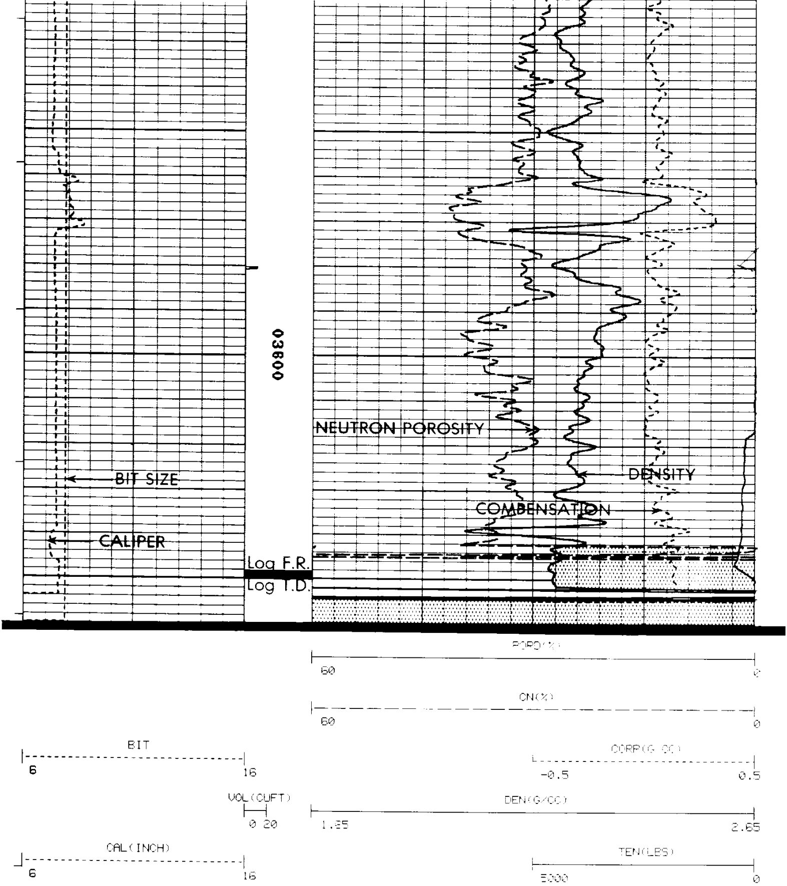


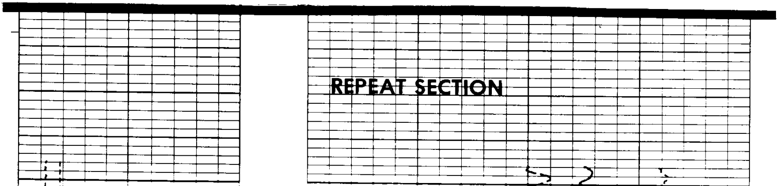


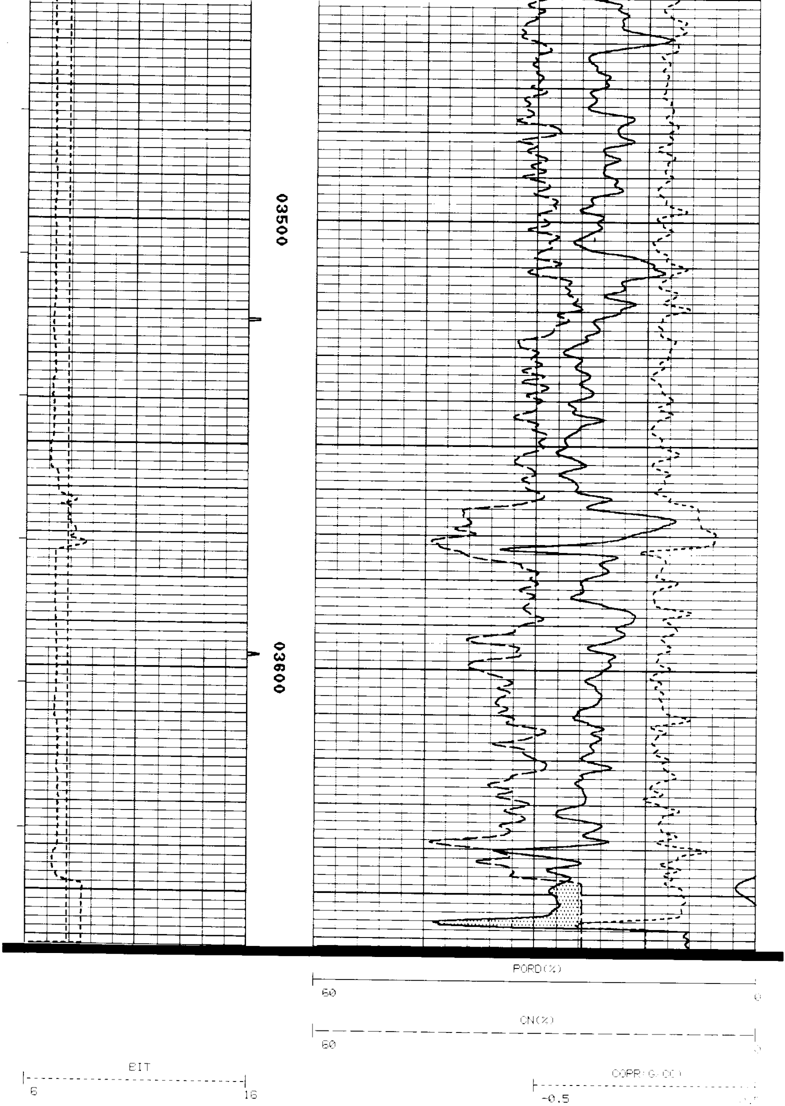


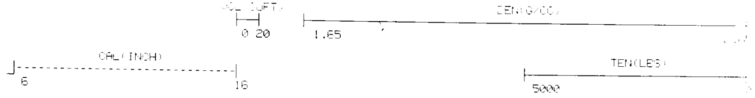












```
*                                       *
*  CALIBRATION/VERIFICATION SUMMARIES   *
*  DATE 12/13/86          TIME 05:11:32 *
*  RUN  1                 TRIP 1        *
*                                       *
*****************************************


      LOG NAME CDL     ASSET NO. 42452     UNIT NO. 6406
  CALIBRATION ENTERED ON 12/13/86 AT 02:03:36         LARGE TOOL
                       SOURCE NUMBER 767

CURVE    COUNTS/SEC.     SCALING FACTORS     RATIO    ENG. VALUE  UNITS
         BLOCK  VALUE    ADD.     MULT.      MG/AL
----     --------       ------------------ --------  ----------  ----

     DATE 12/06/86          CALIBRATION          TIME 13:09:35

LSD      MG      268.8
SSD              563.4
DEN                                                        2.200  G/CC
CORR                                                       0.000  G/CC
LSD      AL       92.4    0.000    1.0000    2.9093
SSD              383.6    0.000    1.0000    1.4627
DEN                                                        2.800  G/CC
CORR                                                       0.000  G/CC
LSD      MGRU    247.7
SSD              610.7
DEN                                                        2.480  G/CC
CORR                                                       0.234  G/CC

     DATE 12/06/86     PRIMARY VERIFICATION      TIME 13:23:35

LSD      AL       90.3    0.000    1.0000
SSD              381.3    0.000    1.0000
DEN                                                        2.818  G/CC
CORR                                                       0.005  G/CC

     DATE 12/13/86    BEFORE LOG VERIFICATION    TIME 04:59:09

LSD      AL       92.5    0.000    1.0000
SSD              383.4    0.000    1.0000
DEN                                                        2.798  G/CC
CORR                                                      -0.002  G/CC

     DATE 12/13/86     AFTER LOG VERIFICATION    TIME 05:07:11

LSD      AL       90.8    0.000    1.0000
SSD              382.0    0.000    1.0000
DEN                                                        2.814  G/CC
CORR                                                       0.004  G/CC


      LOG NAME CAL     ASSET NO. 42542     UNIT NO. 6406
  CALIBRATION ENTERED ON 12/13/86 AT 02:17:45

CURVE   MILLIVOLTS       SCALING FACTORS     ENGINEERING VALUES    UNITS
         LOW    HIGH     ADD.     MULT.        LOW         HIGH
----   ---------------  ------------------  ---------------------  ----

     DATE 12/13/86          CALIBRATION          TIME 02:17:45

CAL     2280.5  5741.3   2.046    0.0133       6.000      12.000  INCH

                      PRIMARY VERIFICATION             NOT DONE

     DATE 12/13/86    BEFORE LOG VERIFICATION    TIME 04:46:36

CAL       E     2663.7   3.446    0.0133       E           8.064  INCH

     DATE 12/13/86     AFTER LOG VERIFICATION    TIME 04:47:14

CAL       E     2663.7   3.246    0.0133       E           7.864  INCH
```

```
       LOG NAME CN      ASSET NO. 73532     UNIT NO. 6406
    CALIBRATION ENTERED ON 12/12/86 AT 21:05:31          LARGE TOOL
                          SOURCE NUMBER S17S20

CURVE    COUNTS/SEC.      SCALING FACTORS      RATIO     ENG. VALUE  UNITS
                           ADD.      MULT.  LSN/(SSN*8)
----     --------       ------------------ --------   ----------   ----

       DATE 12/06/86          CALIBRATION          TIME 10:35:54

LSN          106.0         0.000     1.0000
SSN          150.2         0.000     1.0000
CN                                           0.0882        15.000   %

       DATE 12/06/86     PRIMARY VERIFICATION      TIME 10:40:45

LSN          103.3         0.000     1.0000
SSN          151.7         0.000     1.0000
CN                                           0.0852        16.271   %

       DATE 12/13/86    BEFORE LOG VERIFICATION    TIME 04:52:15

LSN          102.0         0.000     1.0000
SSN          151.0         0.000     1.0000
CN                                           0.0845        16.574   %

       DATE 12/13/86     AFTER LOG VERIFICATION    TIME 05:03:12

LSN          101.3         0.000     1.0000
SSN          150.7         0.000     1.0000
CN                                           0.0840        16.778   %
```

Dresser Atlas DRESSER

FORM 925349 (09/80)