FORM 925317

Dresser Atlas

DRESSER

Dual Induction Focused Log

R

FILE NO

API NO

5" = 100'

COMPANY ORLGON NATURAL GAS CORPORATION

WELL OM 11A-10

FIELD MIST

COUNTY COLUMBIA STATE ORLGON

LOCATION 1069' S. & 355' W. FROM N.L. CORNER OF:

SEC 10 TWP 6N RGE 5W

Other Services BHC/AL/CAL CDLC/CN/GR DIP

Permanent Datum GL Elev 899.9'

Log Measured from KB , 11.5 Ft Above Permanent Datum

Drilling Measured from KB

Elev KB 911.4'

DF

GL 899.9'

Date	12-16-86			
Run No	ONE			
Service Order	22807			
Depth Driller	3067'			
Depth Logger	3070'			
Bottom Logged Interval	3068'			
Top Logged Interval	420'			
Casing Driller	8 5/8 @ 422'	@	@	@
Casing Logger	420'			
Bit Size	7 7/8"			
Type Fluid in Hole				
Density and Viscosity	10 48			
pH and Fluid Loss	9.0 5.8 cc	cc	cc	cc
Source of Sample	FLOWLINE			
Rm @ Meas Temp	2.15 @70 °F	@ °F	@ °F	@ °F
Rmf @ Meas Temp	3.05 @70 °F	@ °F	@ °F	@ °F
Rmc @ Meas Temp	1.67 @70 °F	@ °F	@ °F	@ °F
Source of Rmf and Rmc	M M			
Rm @ BHT	1.5 @LESS THAN 100 °F		@ °F	@ °F
Time Since Circ.	3 HRS.			
Max Rec Temp Deg F	LESS THAN 100 °F	°F	°F	°F
No and Location	6406 SAC.			
Recorded By	M. HINDS			
Witnessed By	MR. THOMAS			

Confidential

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	DIFL	72831	1503	1.5 SO
1	1	AC	72822	1609	CENT.
1	1	GR			
1	1	CAL	79089	4202	VARIABLE

COMPANY: OREGON NATURAL GAS COPR.

WELL NAME: OM 41A-10

SERVICE: KC214N FILE: 3 DATE: 12/16/86

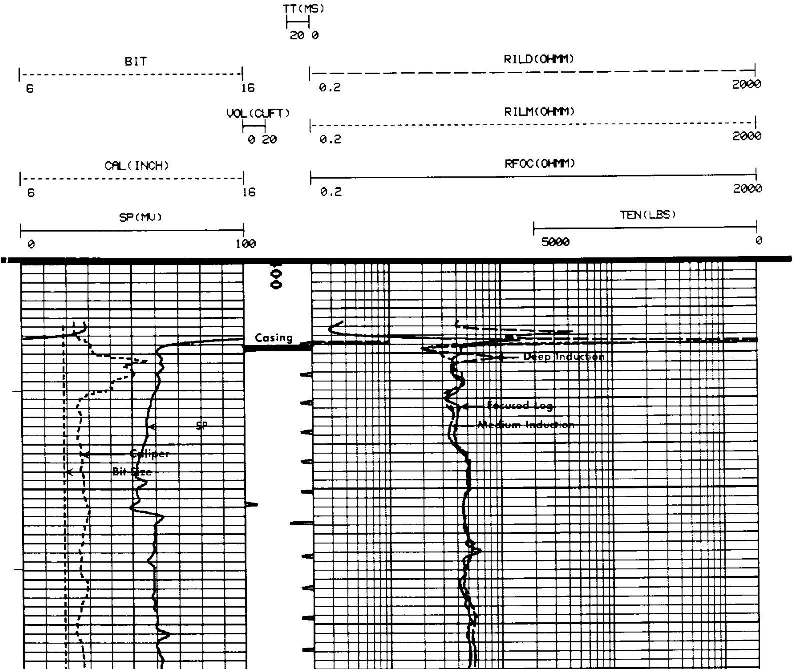
REVISION: FSYSAL OV3 D007 VER 7

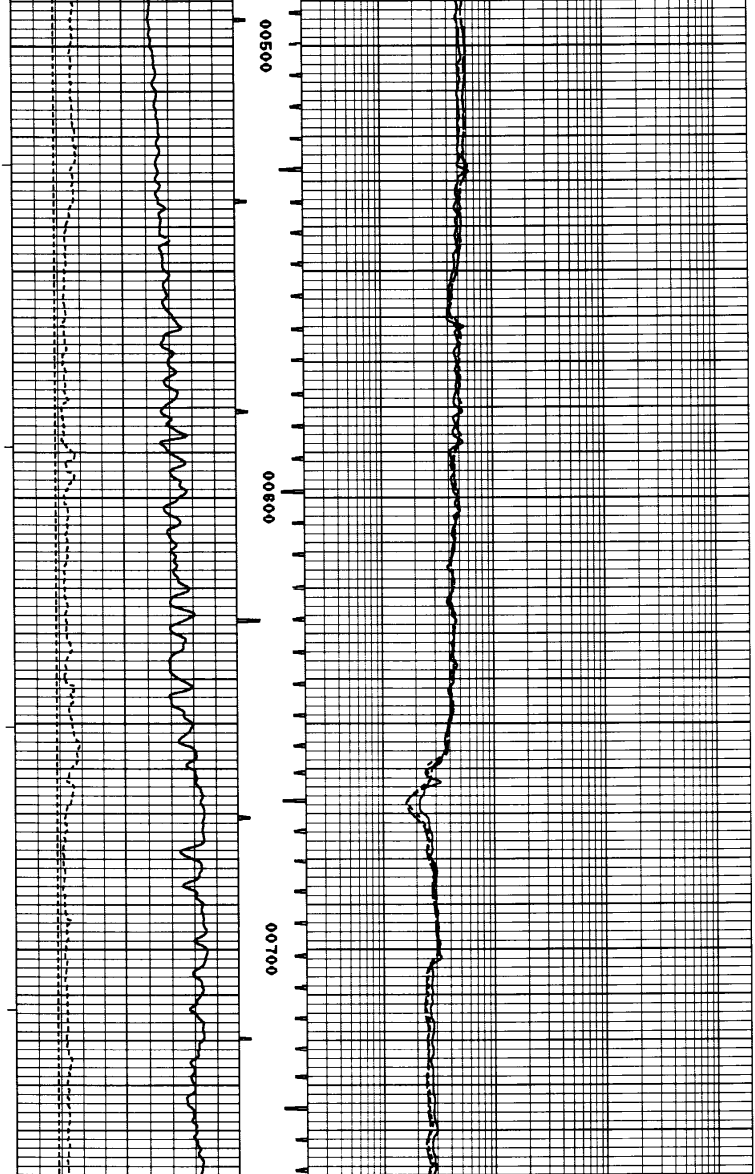
RUN: 1

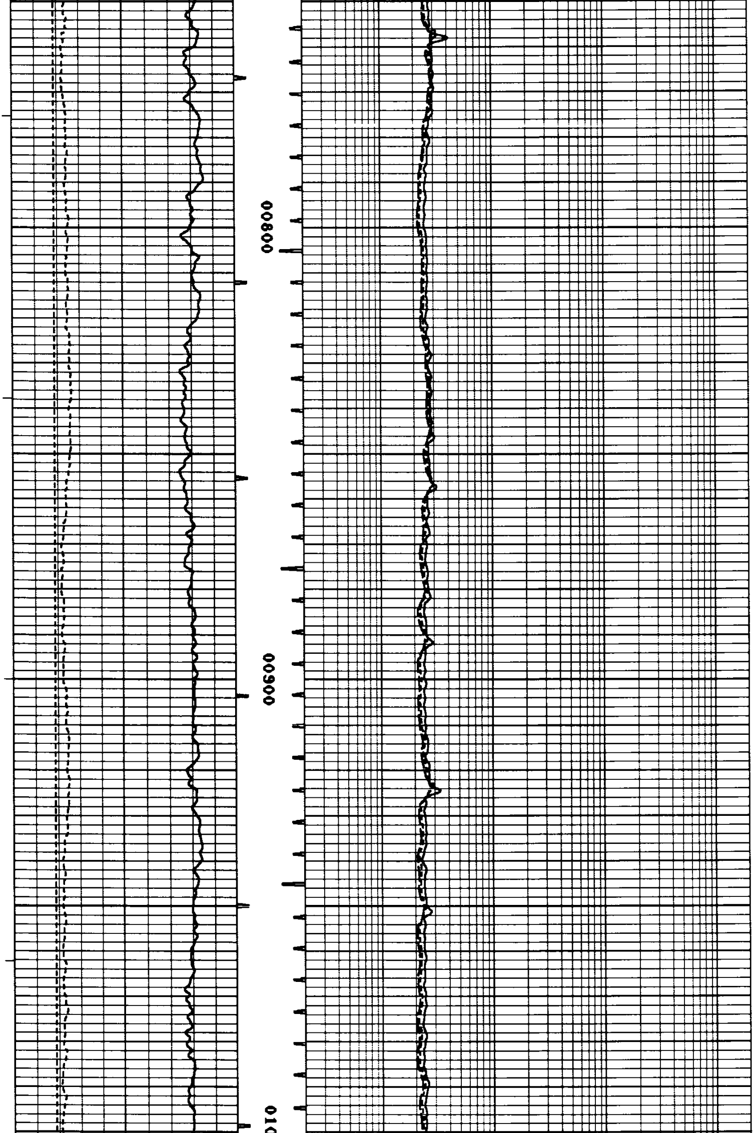
TRIP: 1

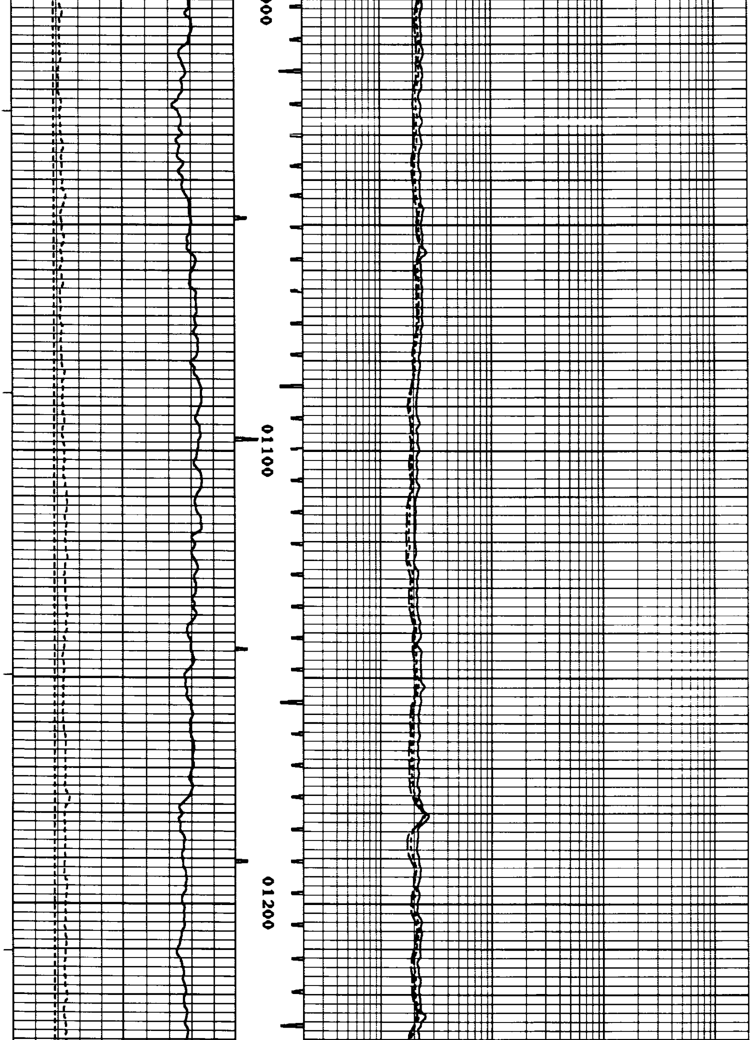
TIME: 04:22:02

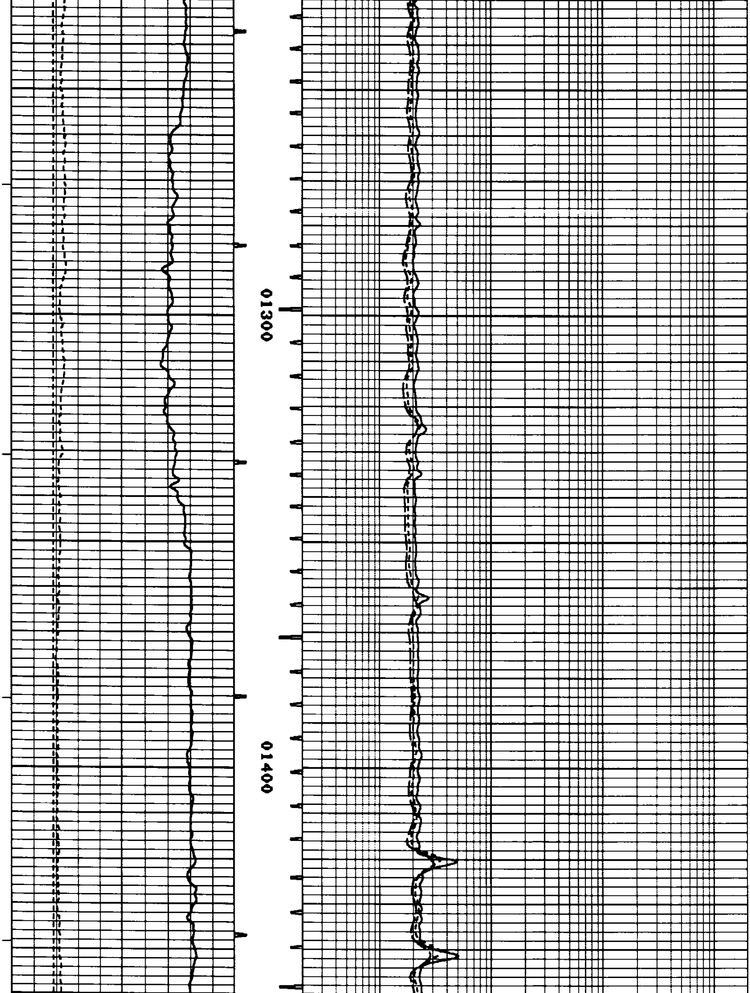
MODE: RECORD.

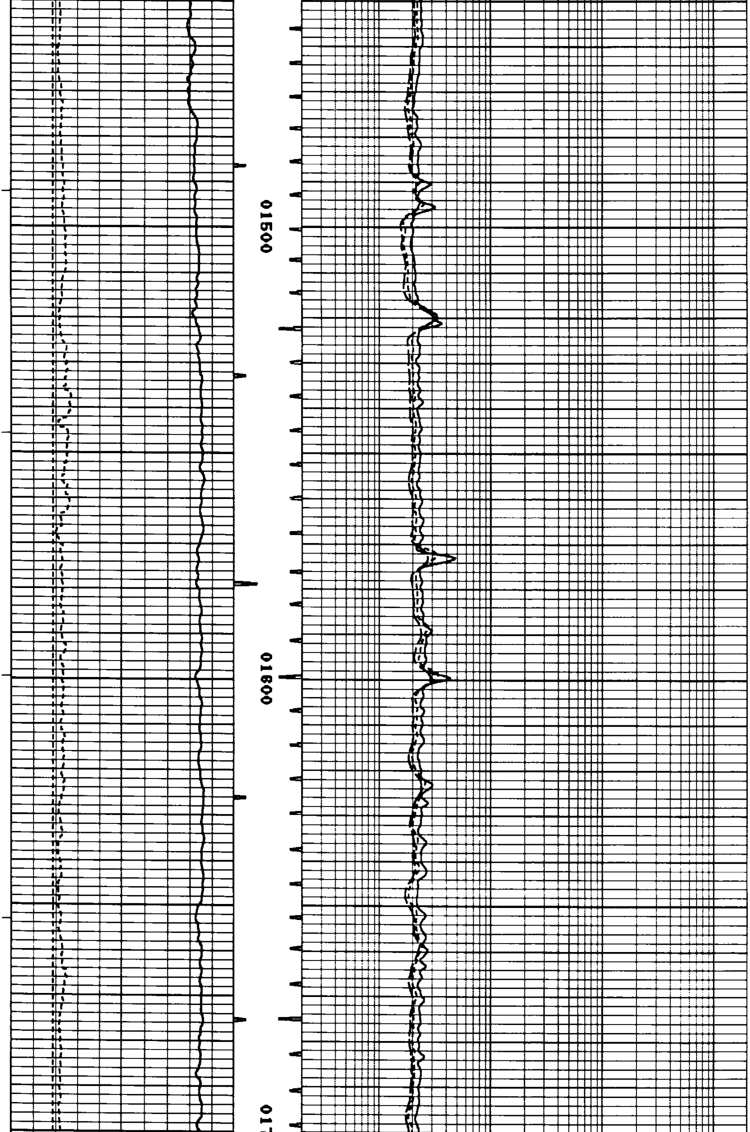


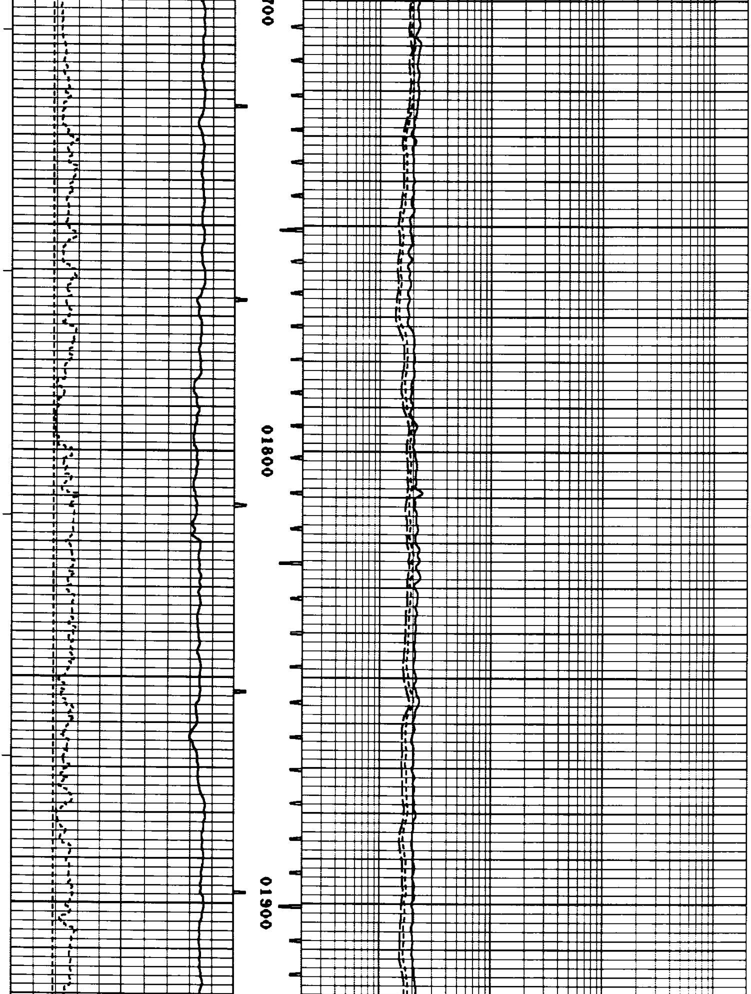


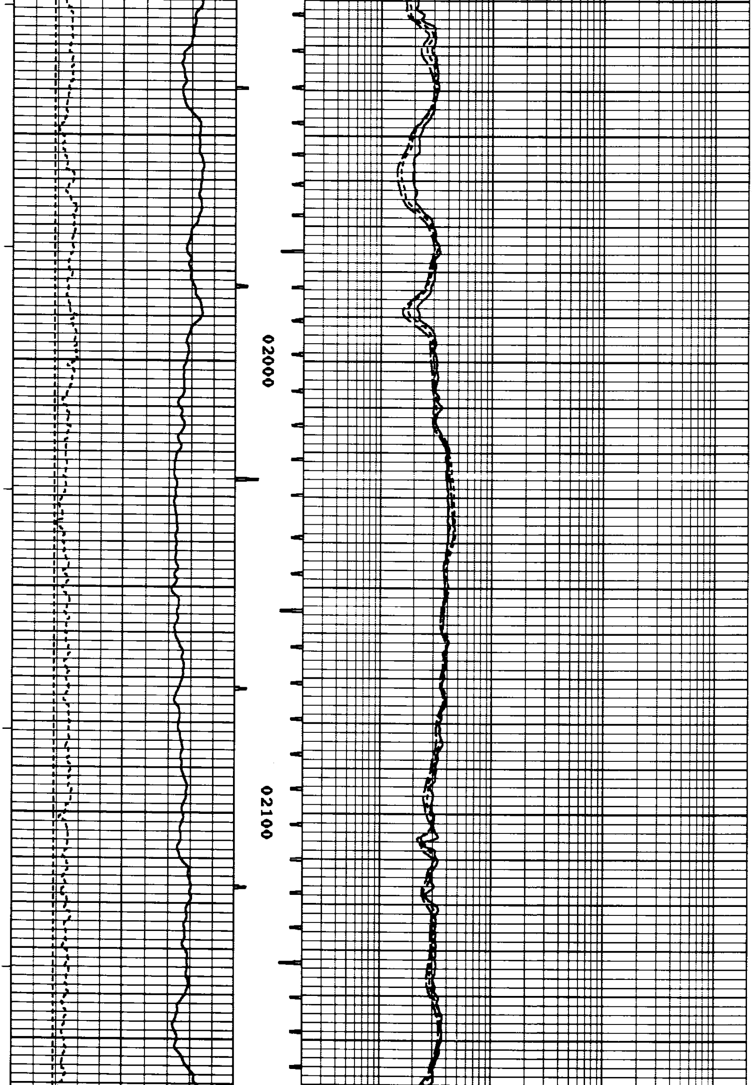


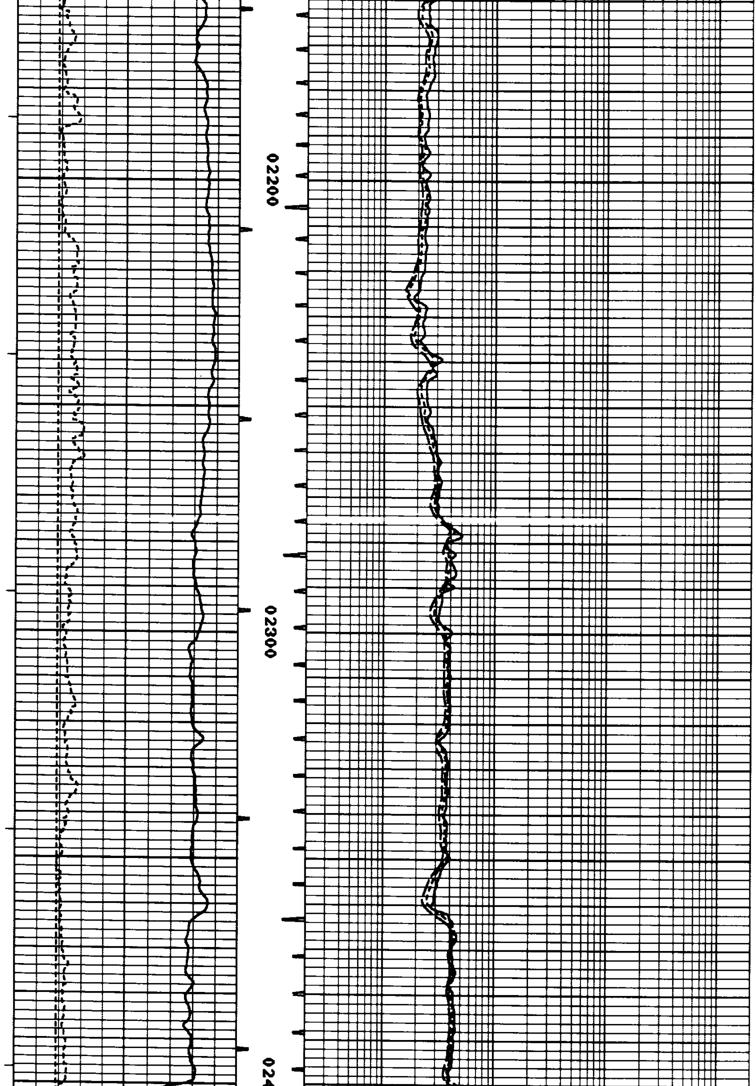


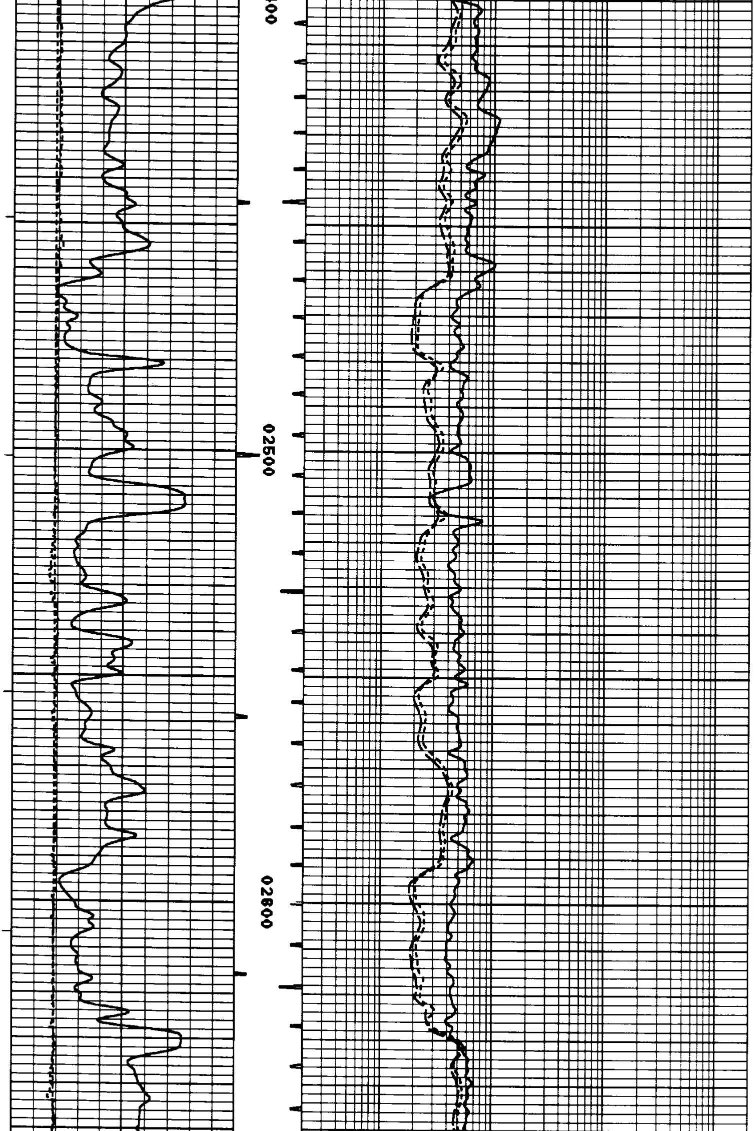


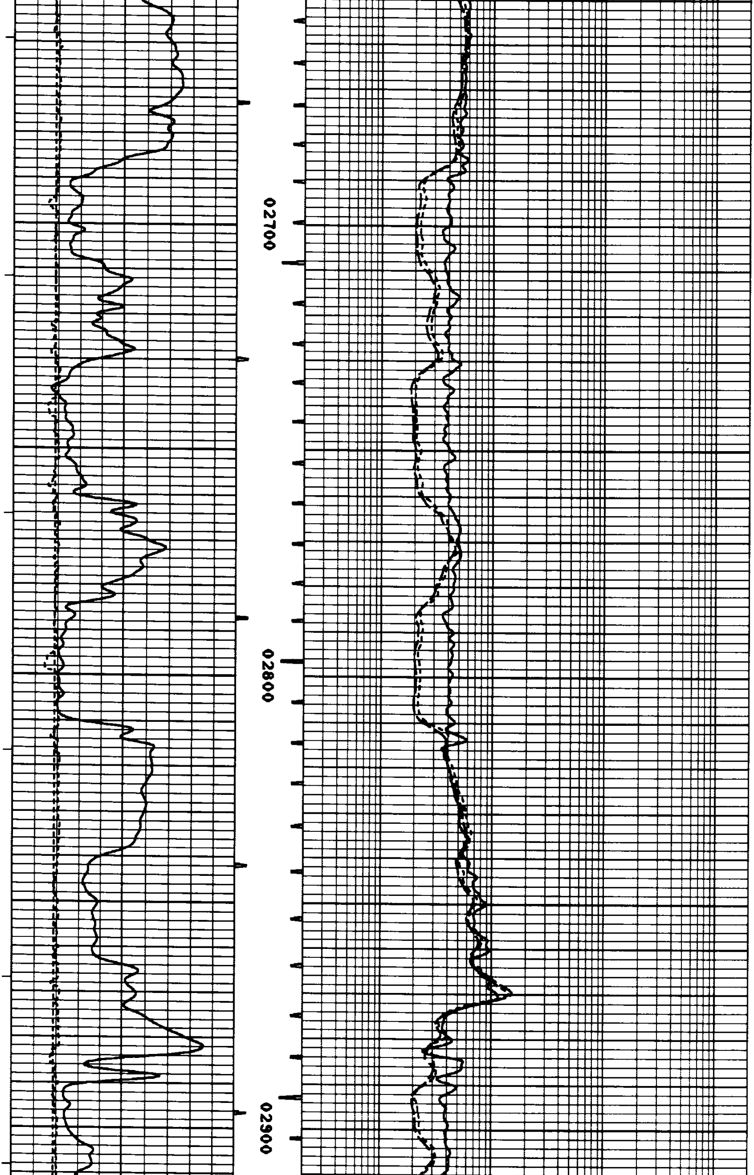


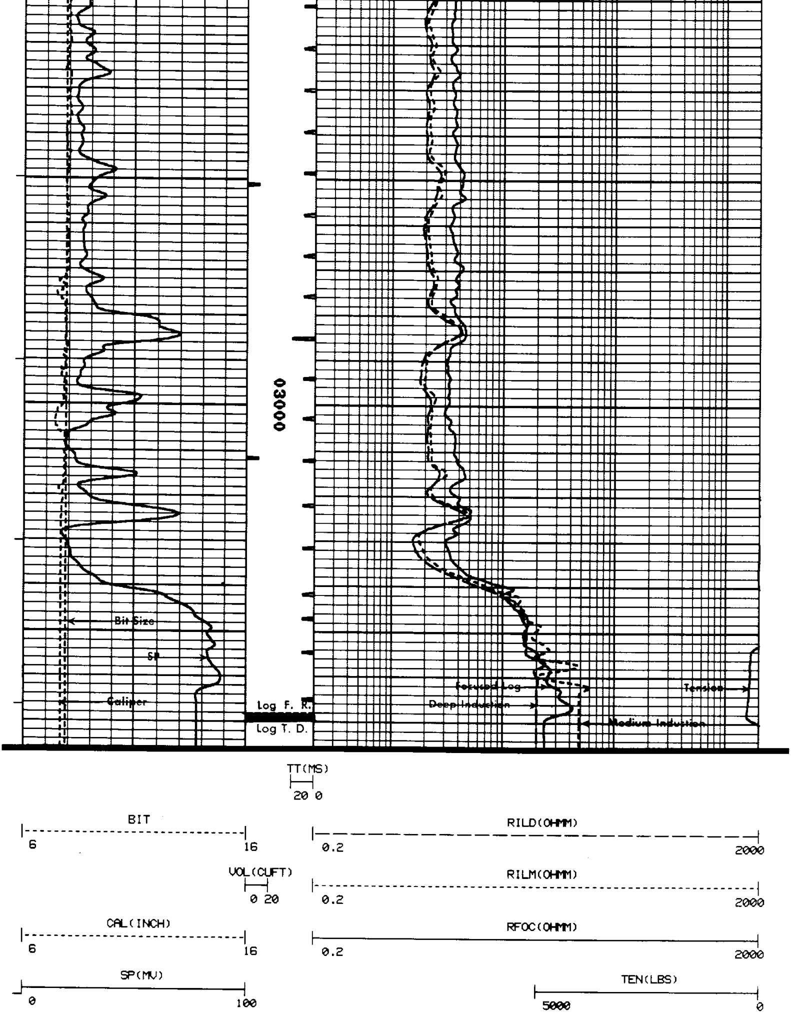


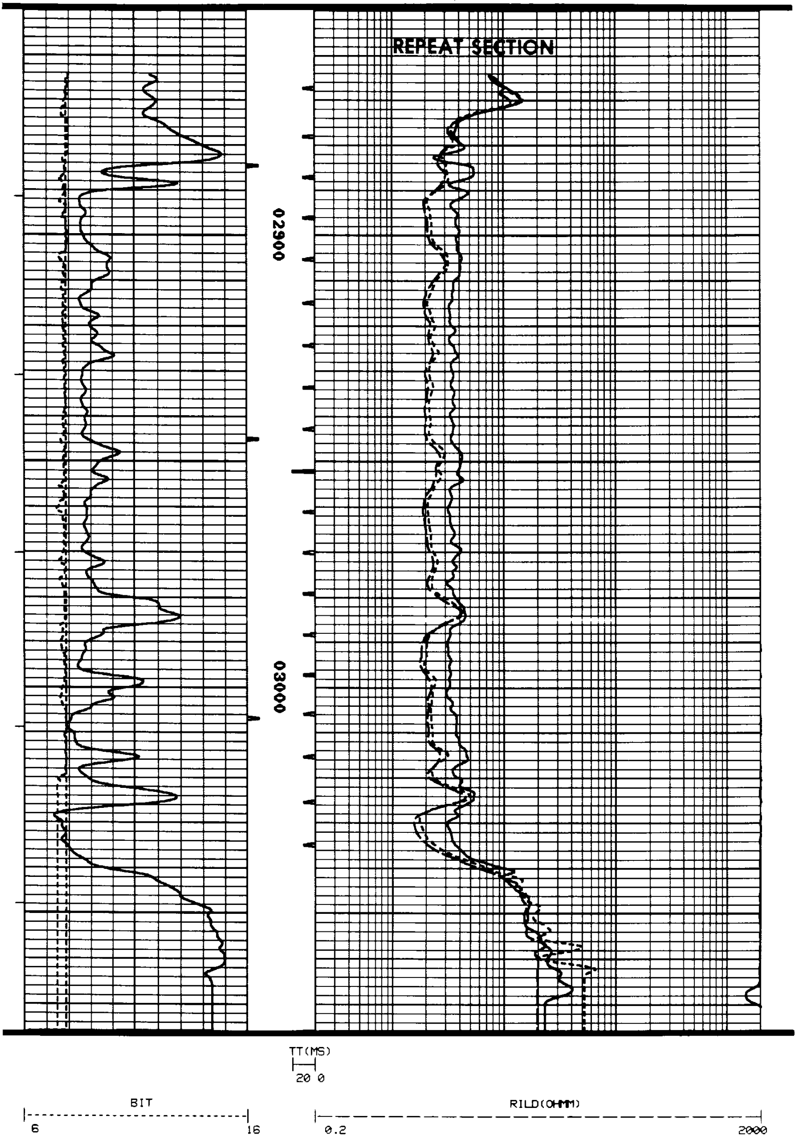


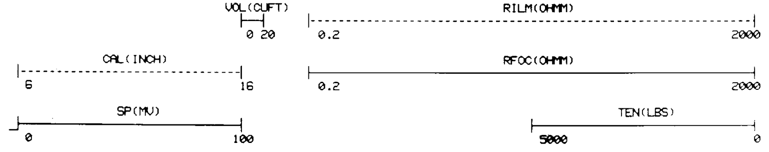












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****************************************
*                                      *
*  CALIBRATION/VERIFICATION SUMMARIES  *
*  DATE 12/16/86          TIME 05:15:22 *
*  RUN  1                 TRIP 1       *
*                                      *
****************************************


      LOG NAME DIFL    ASSET NO. 72831     UNIT NO. 6406
   CALIBRATION ENTERED ON 12/16/86 AT 02:32:13

 CURVE   MILLIVOLTS     SCALING FACTORS    ENGINEERING VALUES    UNITS
          LOW    HIGH    ADD.     MULT.       LOW        HIGH
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     DATE 12/10/86         CALIBRATION          TIME 11:06:36

 CILD      3.5   486.3   -1.873    2.0164       1.000     500.000 MMHO
 CILM     -1.4   536.9    2.167    2.0926       1.000     500.000 MMHO
 CFOC      5.3   517.3   -4.154    2.3781       1.000     500.000 MMHO

     DATE 12/10/86    PRIMARY VERIFICATION      TIME 11:07:38

 CILD     -0.5   489.5   -1.873    2.0164      -2.296     503.190 MMHO
 CILM     -0.7   545.8    2.167    2.0926       1.578     508.934 MMHO
 CFOC      6.0   523.4   -4.154    2.3781       1.669     505.946 MMHO

     DATE 12/16/86   BEFORE LOG VERIFICATION    TIME 03:59:25

 CILD     -0.3   492.3   -1.873    2.0164      -2.094     506.679 MMHO
 CILM     -0.4   547.8    2.167    2.0926       1.836     510.940 MMHO
 CFOC      6.0   504.2   -4.237    2.4256       1.714     497.023 MMHO

     DATE 12/16/86    AFTER LOG VERIFICATION    TIME 05:14:47

 CILD     -0.1   496.5   -1.873    2.0164      -1.990     511.988 MMHO
 CILM     -0.3   551.6    2.167    2.0926       1.961     514.647 MMHO
 CFOC      6.0   501.9   -4.237    2.4256       1.767     494.719 MMHO

              *** GR    NOT CALIBRATED ***


      LOG NAME CAL     ASSET NO. 79089     UNIT NO. 6406
   CALIBRATION ENTERED ON 12/16/86 AT 02:35:35

 CURVE   MILLIVOLTS     SCALING FACTORS    ENGINEERING VALUES    UNITS
          LOW    HIGH    ADD.     MULT.       LOW        HIGH
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     DATE 10/01/86         CALIBRATION          TIME 14:10:19

 CAL     3686.5  8275.0   1.179    0.0100       6.000      12.000 INCH

                      PRIMARY VERIFICATION            NOT DONE

     DATE 12/16/86   BEFORE LOG VERIFICATION    TIME 03:54:16

 CAL        E    4886.1   1.679    0.0100       E           8.069 INCH

     DATE 12/16/86    AFTER LOG VERIFICATION    TIME 05:12:57

 CAL        E    4918.2   1.679    0.0100       E           8.111 INCH
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Dresser Atlas DRESSER