FORM 925322 REV. (8880)

DresserAtlas

DRESSER

Compensated Densilog®
Compensated Neutron®
Gamma Ray

FILE NO.

API NO.

5" 100'

COMPANY ORECON NATURAL GAS CORPORATION

WELL OM 41A-10

FIELD MIST

COUNTY COLUMBIA STATE OREGON

LOCATION 1069' S. & 335' W. FR. THE N.E. CORNER OF:

SEC 10 TWP 6N RGE 5W

Other Services
DIFL
BHC/AL
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'

Confidential

Date	12-16 86			
Run No.	ONE			
Service Order	22807			
Depth–Driller	3067'			
Depth–Logger	3066'			
Bottom Logged Interval	3064'			
Top Logged Interval	418'			
Casing–Driller	8 5/8" @ 422'	@	@	@
Casing–Logger	418'			
Bit Size	7 7/8"			
Type Fluid in Hole	GEL/LIGN.			
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 °F	THAN @ 100 °F	@ °F	@ °F
Time Since Circ.	6 HRS.			
Max. Rec. Temp. Deg. F	LESS THAN °F	100 °F	°F	°F
Equip. No. and Location	6406 SAC.			
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.

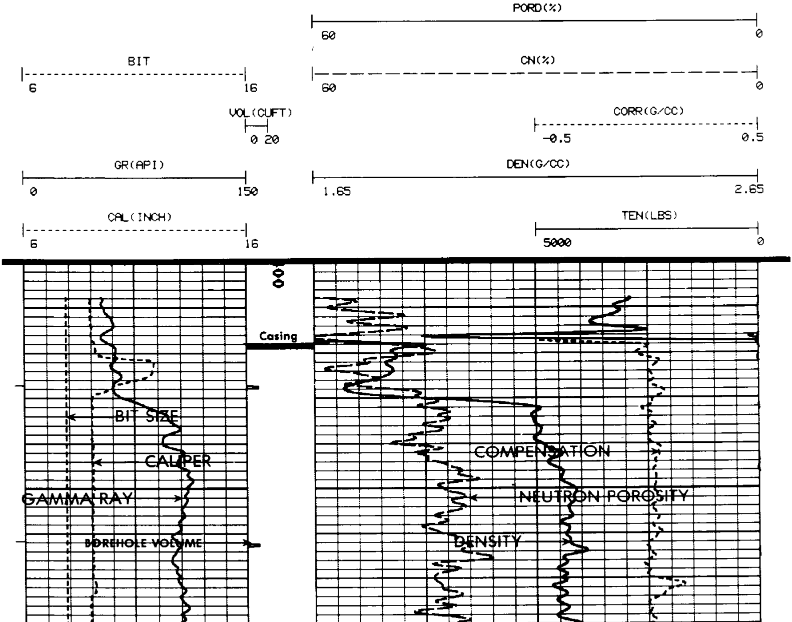
REMARKS RUN (1)

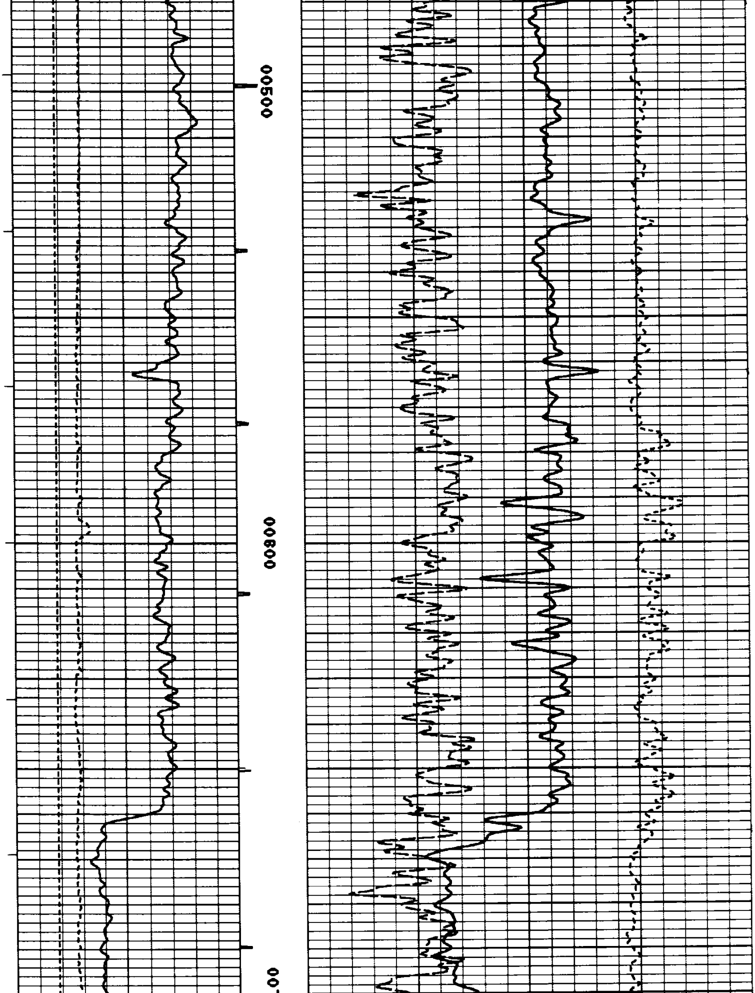
EQUIPMENT DATA

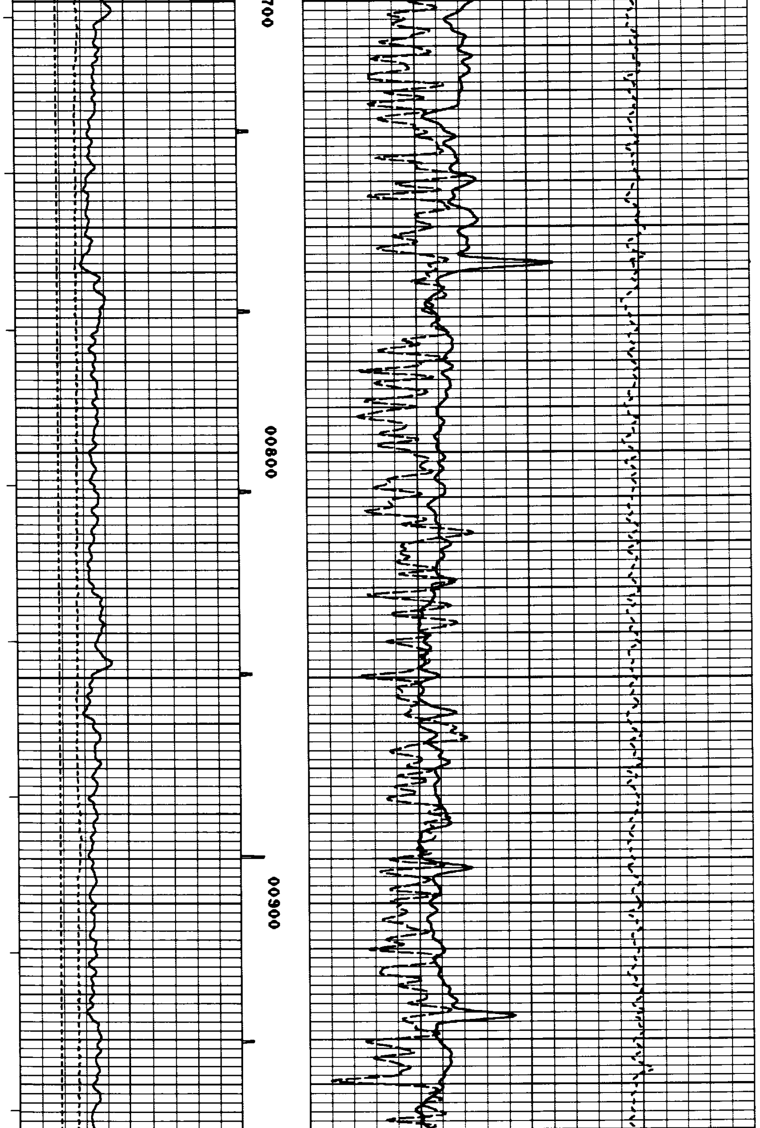
RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	CDL	42452	2212	DE-CENT
1	1	CAL	42452	2212	VARIABLE
1	1	CN	73532	2420	DE-CENT
1	1	GR	72564	1309	DE-CENT

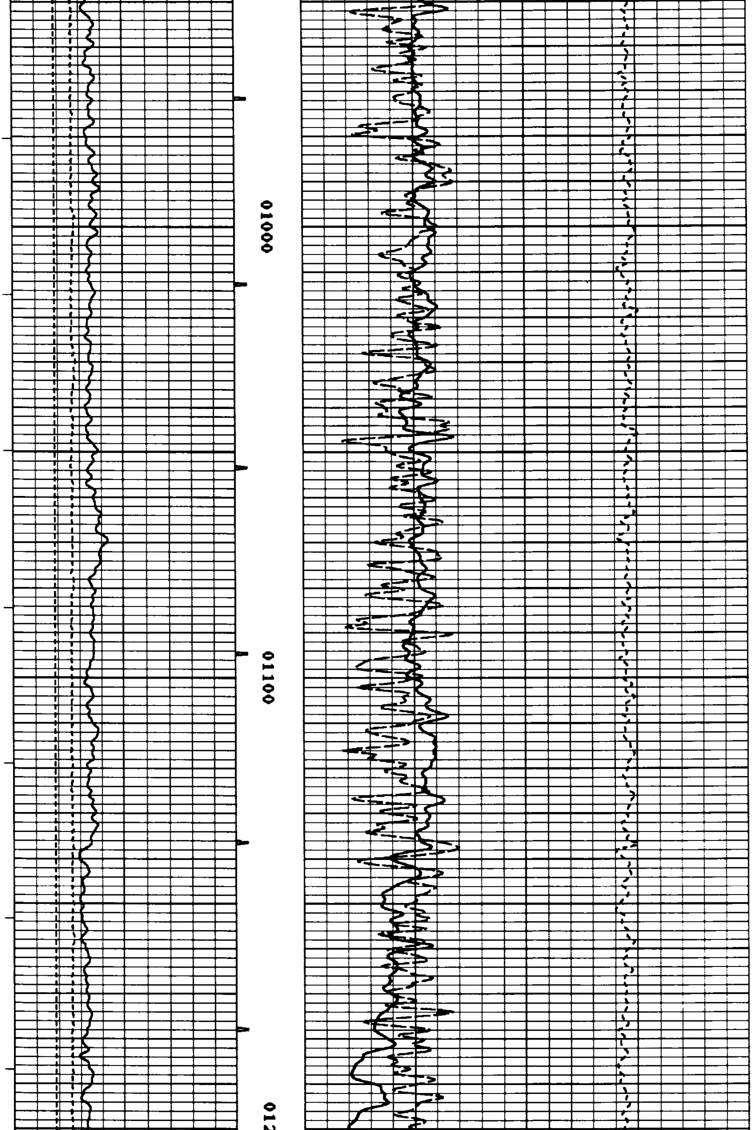
COMPANY: OREGON NATURAL GAS COPR.
WELL NAME: OM 41A-10
SERVICE: KC227F FILE: 2 DATE: 12/16/86
REVISION: FSYSAL REV D007 VER 7

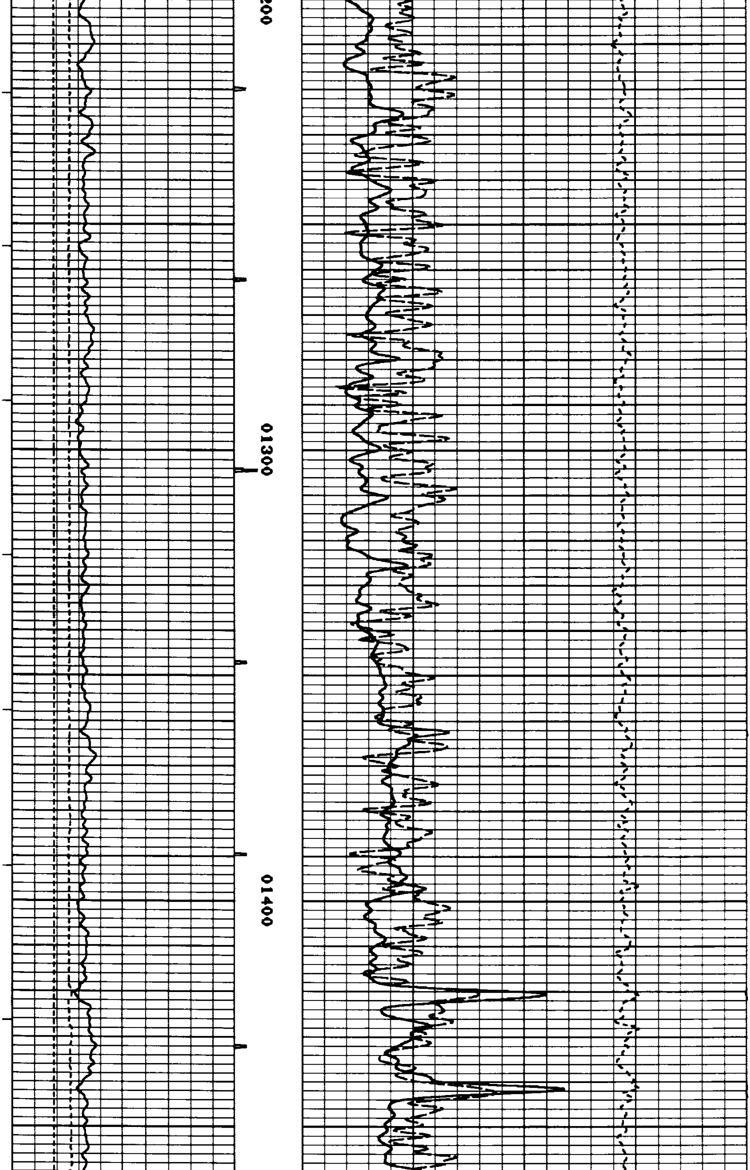
RUN: 1
TRIP: 1
TIME: 06:48:58
MODE: RECORD

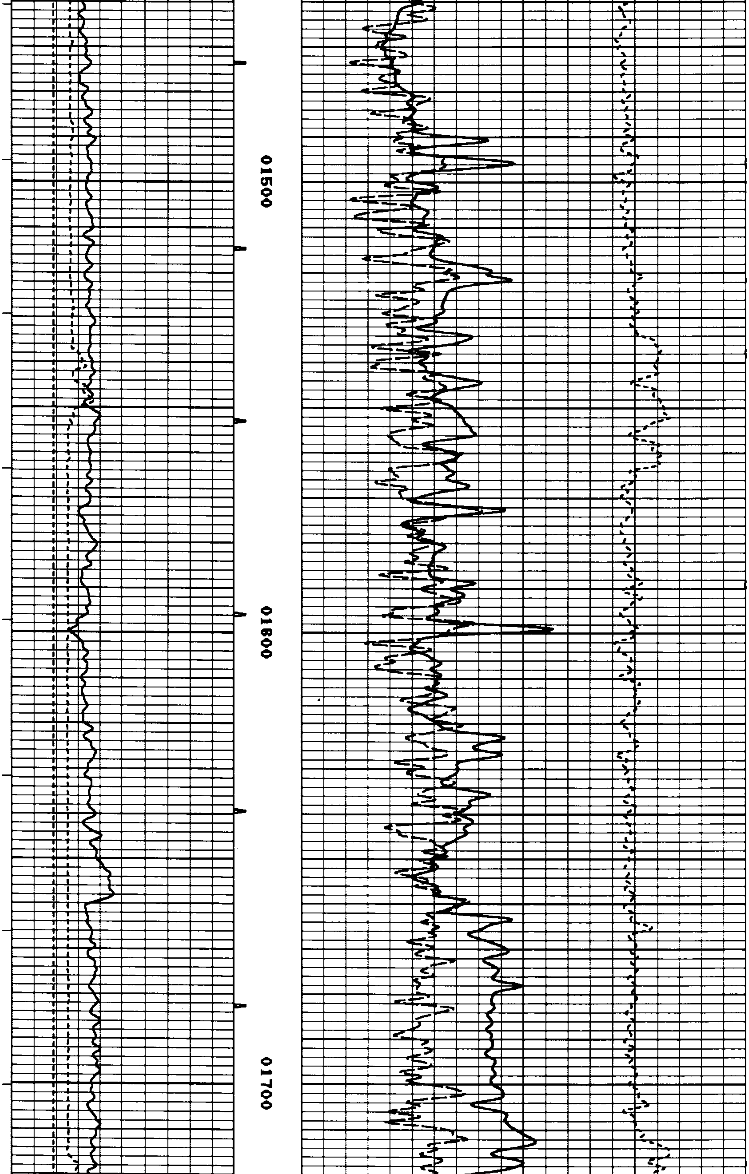


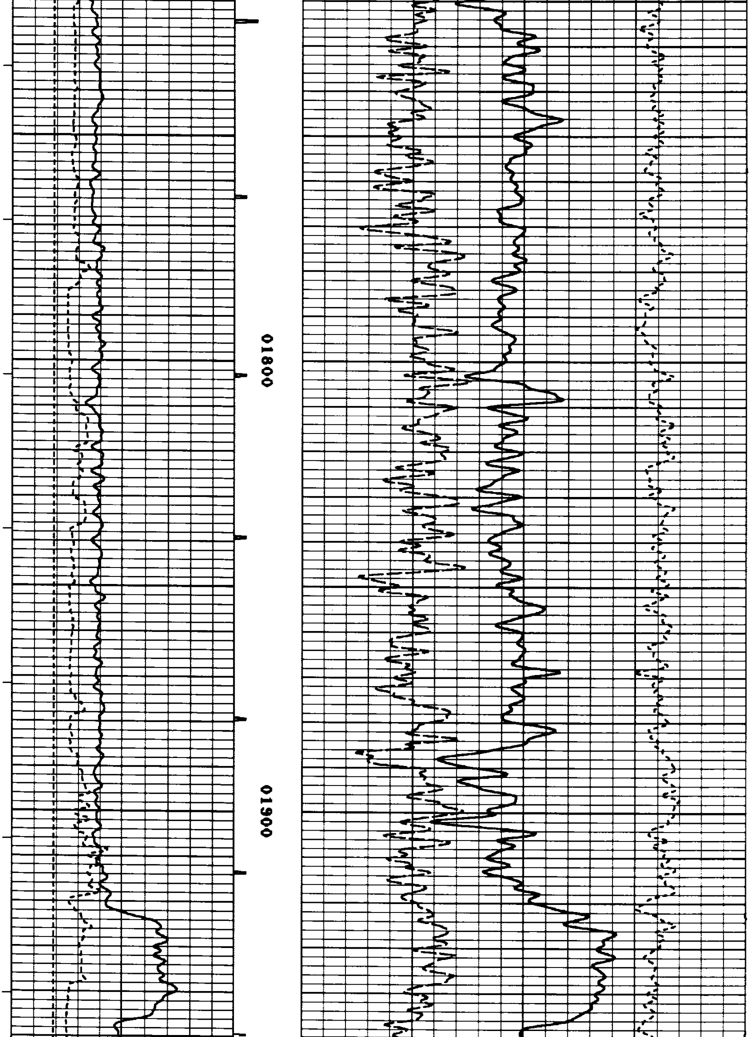


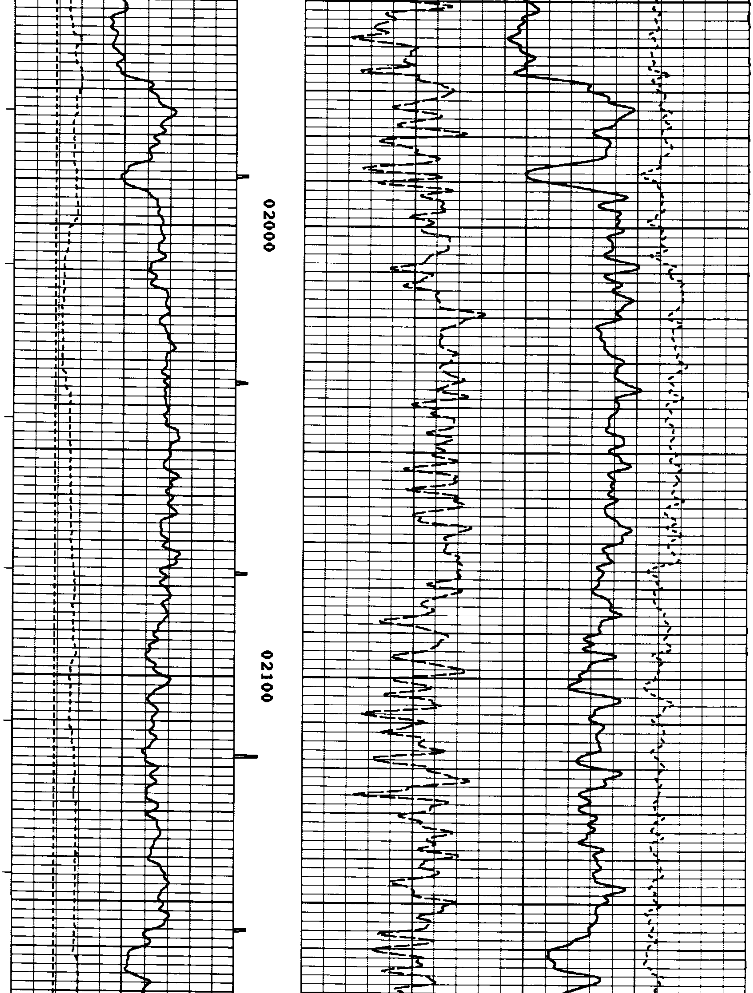


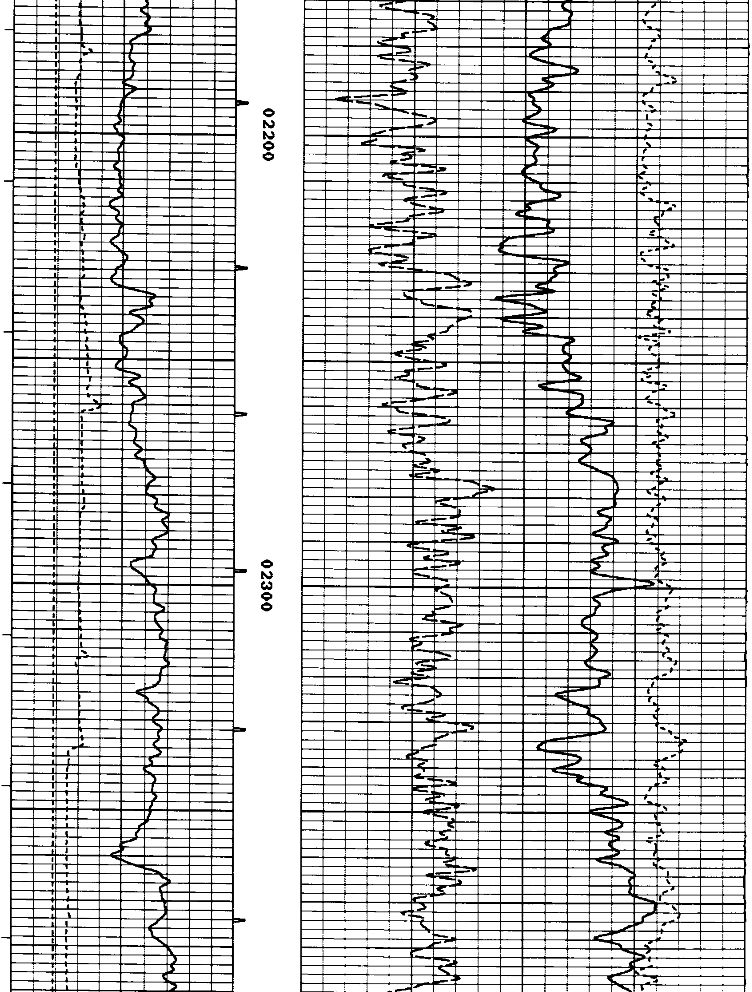


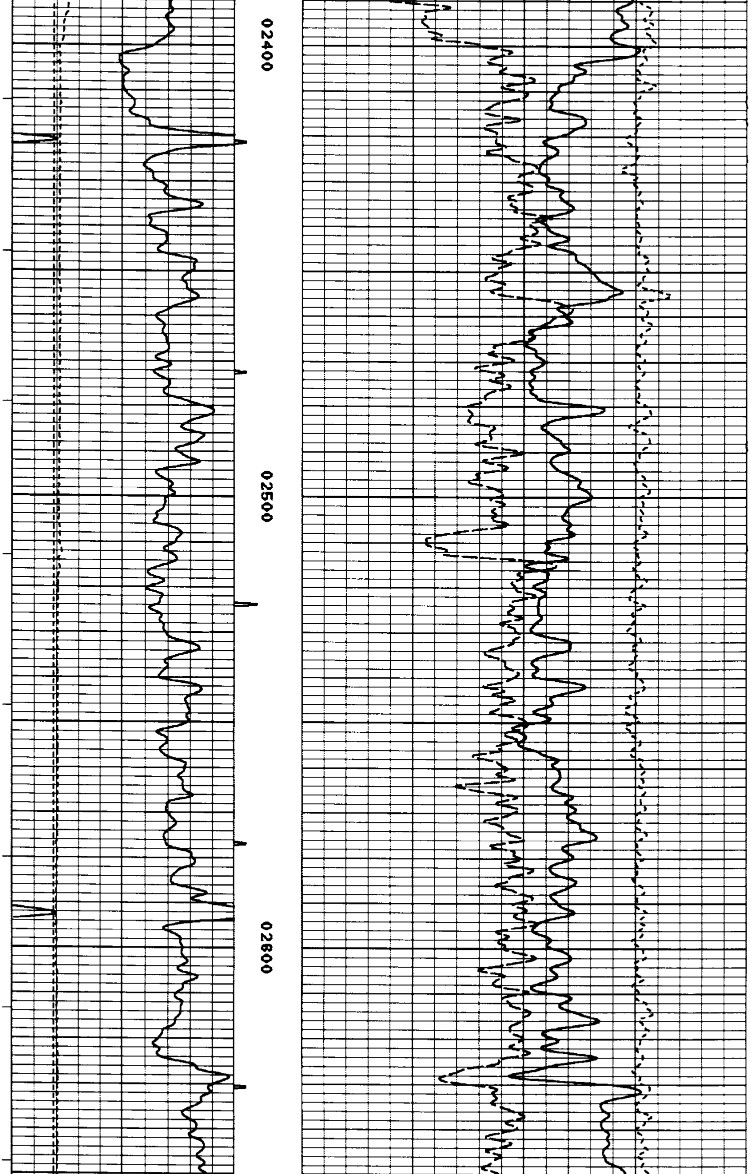


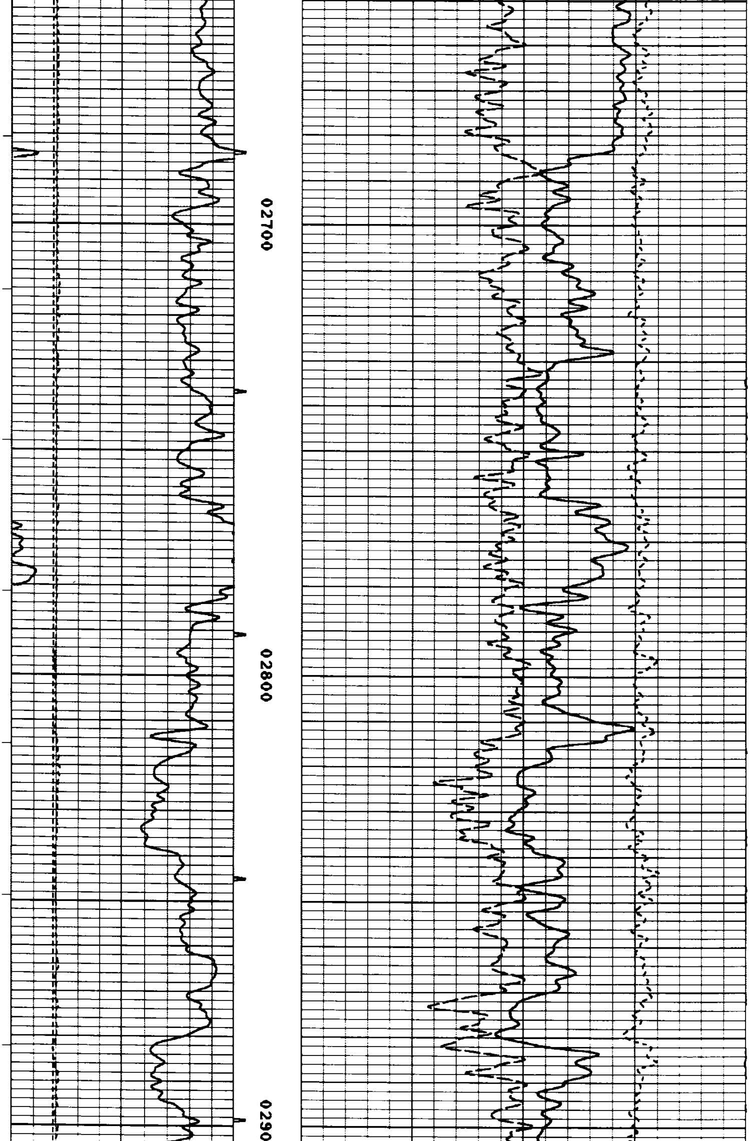


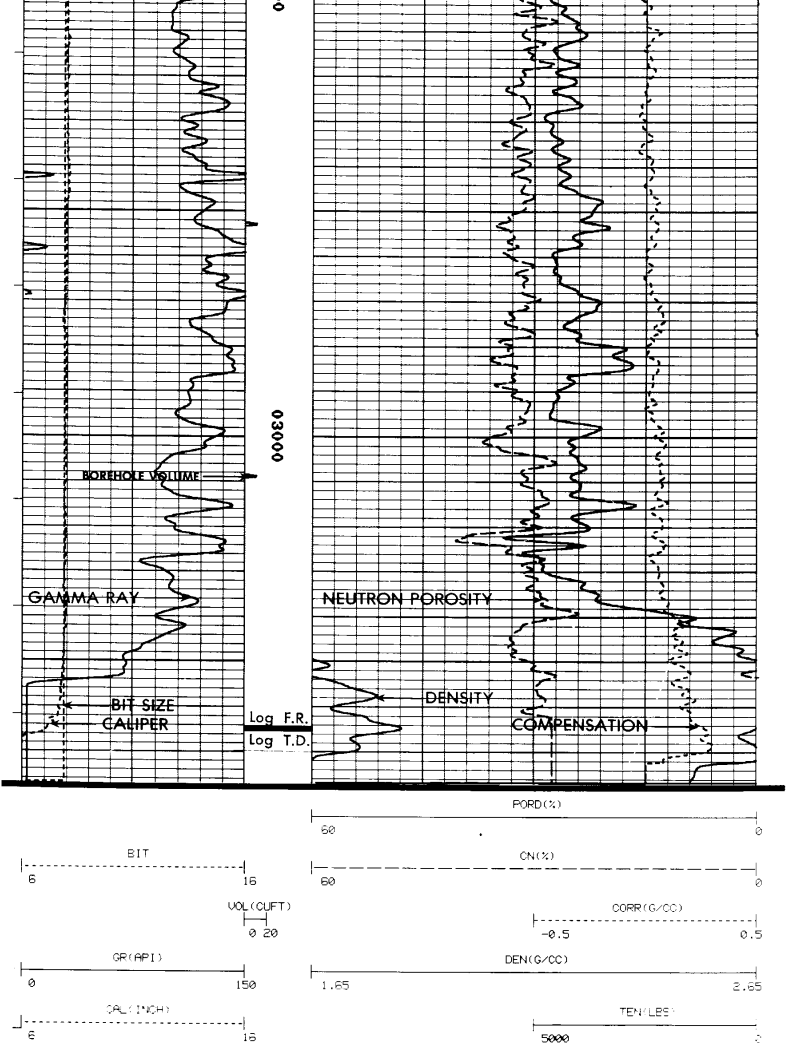


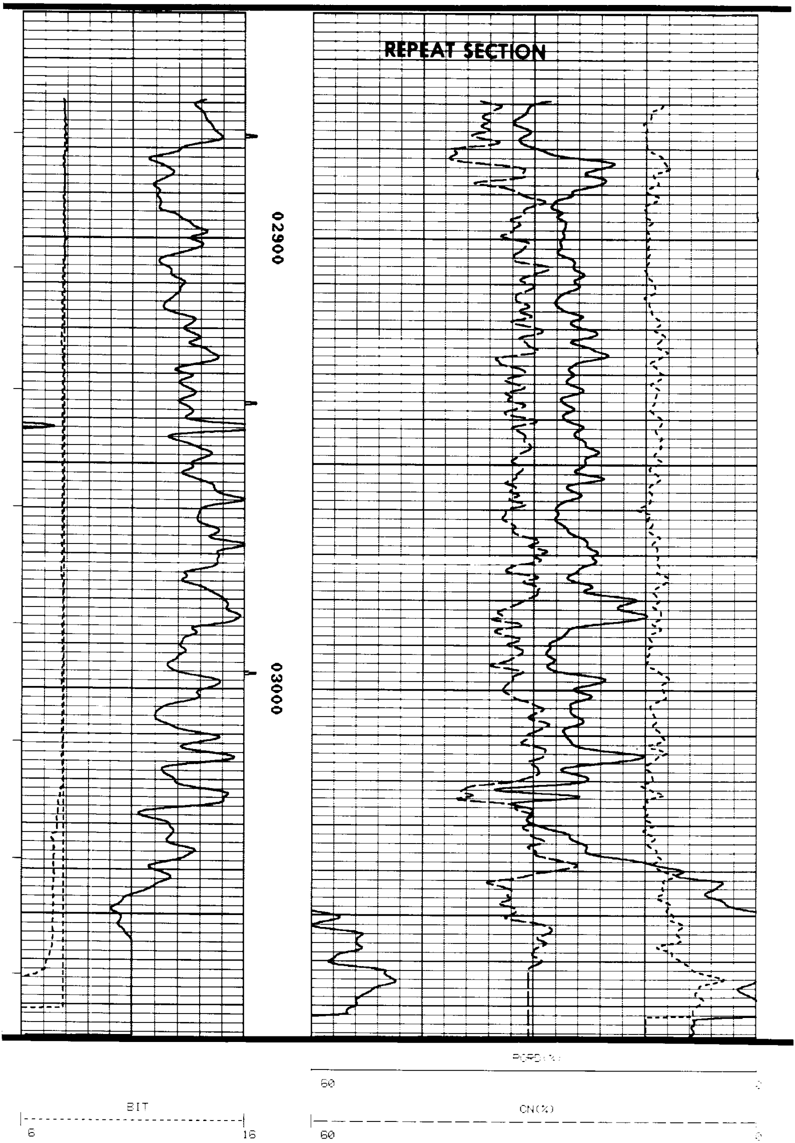












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                         VOL(CUFT)                                        CORR(G/CC)
                         |-                                 |- - - - - - - - - - - - - - - - - -
                          0 20                               -0.5                            0.5

       GR(API)                                               DEN(G/CC)
|---------------------------|       |-----------------------------------------------------------|
 0                         150        1.65                                                   2.65

       CAL(INCH)                                                      TEN(LBS)
_|- - - - - - - - - - - - - |                                |--------------------------------|
  6                         16                                5000                              0
=============================================================================================
                  ******************************************
                  *                                        *
                  *  CALIBRATION/VERIFICATION SUMMARIES    *
                  *  DATE 12/16/86        TIME 08:41:12    *
                  *  RUN  1               TRIP 1           *
                  *                                        *
                  ******************************************


          LOG NAME CDL     ASSET NO. 42452    UNIT NO. 6406
       CALIBRATION ENTERED ON 12/16/86 AT 01:53:18         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    1.4687
     DEN                                                      2.800   G/CC
     CORR                                                     0.000   G/CC
     LSD     MGRV    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 12/16/86   BEFORE LOG VERIFICATION     TIME 02:14:17

     LSD     AL       91.7    0.000     1.0000
     SSD             382.7    0.000     1.0000
     DEN                                                      2.806   G/CC
     CORR                                                     0.001   G/CC

          DATE 12/16/86    AFTER LOG VERIFICATION     TIME 08:14:49

     LSD     AL       91.6    0.000     1.0000
     SSD             382.6    0.000     1.0000
     DEN                                                      2.807   G/CC
     CORR                                                     0.001   G/CC


          LOG NAME CAL     ASSET NO. 42542    UNIT NO. 6406
       CALIBRATION ENTERED ON 12/16/86 AT 01:52:32

     CURVE   MILLIVOLTS      SCALING FACTORS    ENGINEERING VALUES    UNITS
             LOW    HIGH     ADD.     MULT.        LOW        HIGH
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          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 12/16/86   BEFORE LOG VERIFICATION     TIME 06:14:38

     CAL        E    3252.0    2.346    0.0133      E           7.984 INCH

          DATE 12/16/86    AFTER LOG VERIFICATION     TIME 08:10:50

     CAL        E    3490.7   -2.554    0.0133      E           3.498 INCH
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         LOG NAME CN      ASSET NO. 73532    UNIT NO. 6406
     CALIBRATION ENTERED ON 12/16/86 AT 01:52:50        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 12/16/86    BEFORE LOG VERIFICATION  TIME 02:10:27

 LSN          101.6        0.000     1.0000
 SSN          150.5        0.000     1.0000
 CN                                           0.0844       16.611  %

       DATE 12/16/86     AFTER LOG VERIFICATION  TIME 08:19:23

 LSN          101.1        0.000     1.0000
 SSN          150.0        0.000     1.0000
 CN                                           0.0843       16.656  %


         LOG NAME GR      ASSET NO. 72564D   UNIT NO. 6406
     CALIBRATION ENTERED ON 12/16/86 AT 01:56:34

 CURVE   MILLIVOLTS       SCALING FACTORS    ENGINEERING VALUES   UNITS
           LOW    HIGH     ADD.     MULT.       LOW        HIGH
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       DATE 12/16/86        CALIBRATION          TIME 01:56:34

 GR      1301.0  4704.9   0.000    0.1075      0.000     150.000 API

                         PRIMARY VERIFICATION          NOT DONE

                        BEFORE LOG VERIFICATION        NOT DONE

       DATE 12/16/86     AFTER LOG VERIFICATION  TIME 08:36:40

 GR      1181.2  4529.4   0.000    0.1075     52.052     199.599 API
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Dresser Atlas DRESSER