Dresser Atlas

DRESSER

ACOUSTIC CEMENT BOND LOG

VDL NEUTRON

FILE NO.

API NO.

COMPANY ARCO OIL & GAS COMPANY

WELL CFW 12-15-64

FIELD MIST

COUNTY COLUMBIA STATE OR.

LOCATION:
1999' S & 350' E FROM THE NW CORNER OF

SEC 15 TWP 6N RGE 5W

OTHER SERVICES

ELEVATIONS
KB 1373'
DF -
GL 1363'

PERMANENT DATUM GL ELEV. 1363'

LOGGING MEASURED FROM KB 10' FT. ABOVE P.D.

DRILLING MEASURED FROM KB

DATE	9/7/88		
RUN	1		
SERVICE ORDER	159101		
DEPTH-DRILLER	1850'		
DEPTH-LOGGER	1831'		
BOTTOM LOGGED INTERVAL	1824'		
TOP LOGGED INTERVAL	100'		
TYPE FLUID IN HOLE	WATER		
SALINITY PPM CL.	-		
DENSITY LB/GAL.	-		
LEVEL	-		
MAX. REC. TEMP. DEG. F	-		
OPR. RIG TIME	2 HRS		
EQUIP. NO. / LOC.	HL 6406	SAC	
RECORDED BY	B. WELCH		
WITNESSED BY	MR. THOMAS		

BOREHOLE RECORD

NO.	BIT	FROM	TO

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.

CASING RECORD

SIZE	WGT	FROM	TO
7"	-	SURF	1332'
3 1/2"	9.3	SURF	1850'

REMARKS RUN (1)

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	CBL			
1	1	NEU			
1	1	CCL			

CURVE DELAYS

CURVE	DELAY	UNITS
NEU	14,3	FT,IN
CCL	20,3	FT,IN
SRT	0	FT,IN
MICS	0	FT,IN
CBL	0	FT,IN

PARAMETERS

*** NONE ***

DISPLAY SCALE CHANGES

*** NONE ***

REPEAT [illegible] PSI

COMPANY: ARCO OIL & GAS COMPANY RUN: 1

WELL NAME: 13-15-34 TRIP: 1

SERVICE: [illegible] FILE: 15 DATE: 05/07/88 TIME: 17:43:05

REVISION: FSYSAL REV D007 VER 7 MODE: RECORD

SRT(MICS) 350 250

TEN(LBS) 0 5000

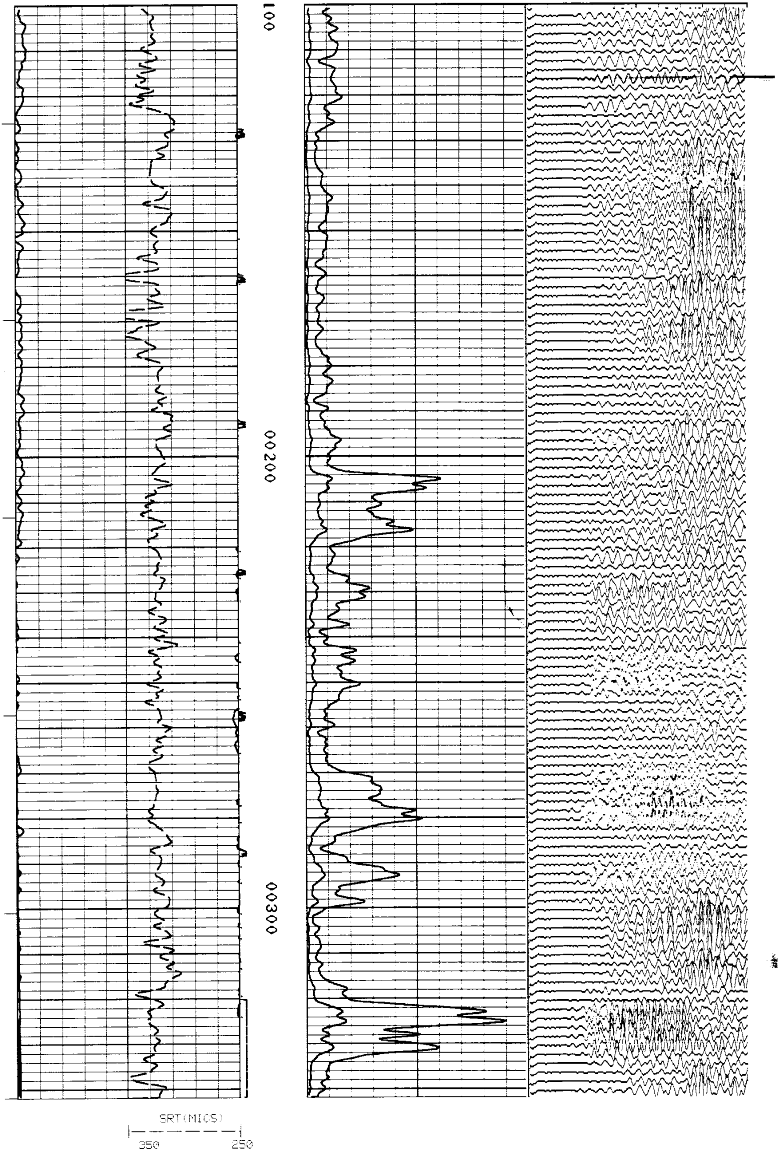
CBL(MV) 0 20

CCL 0 100

CBL(%) 0 100

NEU(API) 300 2300

MICS 100 1100



```
            TEN(LBS)                          CBL(%)
|--------------------------------|   |--------------------------------|
 0                             5000   0                              20

                                CCL           CBL(%)
                               |--|  |--------------------------------|
                               0100   0                             100

            NEU(API)                                                MICS
|--------------------------------|                    |--------------------------------|
 300                           2300                    100                           1100


      CURVE DELAYS

 CURVE    DELAY  UNITS
 -----    -----  -----

  NEU      14,3  FT,IN
  CCL      20,3  FT,IN
  SRT         0  FT,IN
  MICS        0  FT,IN
  CBL         0  FT,IN


                  PARAMETERS

                 *** NONE ***
             DISPLAY SCALE CHANGES

                 *** NONE ***
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LOG w/o PSI

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COMPANY:    ARCO OIL & GAS COMPAN                                 RUN:  1

WELL NAME:  12-15-64                                              TRIP: 1

SERVICE:    KC342M          FILE:  14         DATE:  09/07/88      TIME:  16:45:58

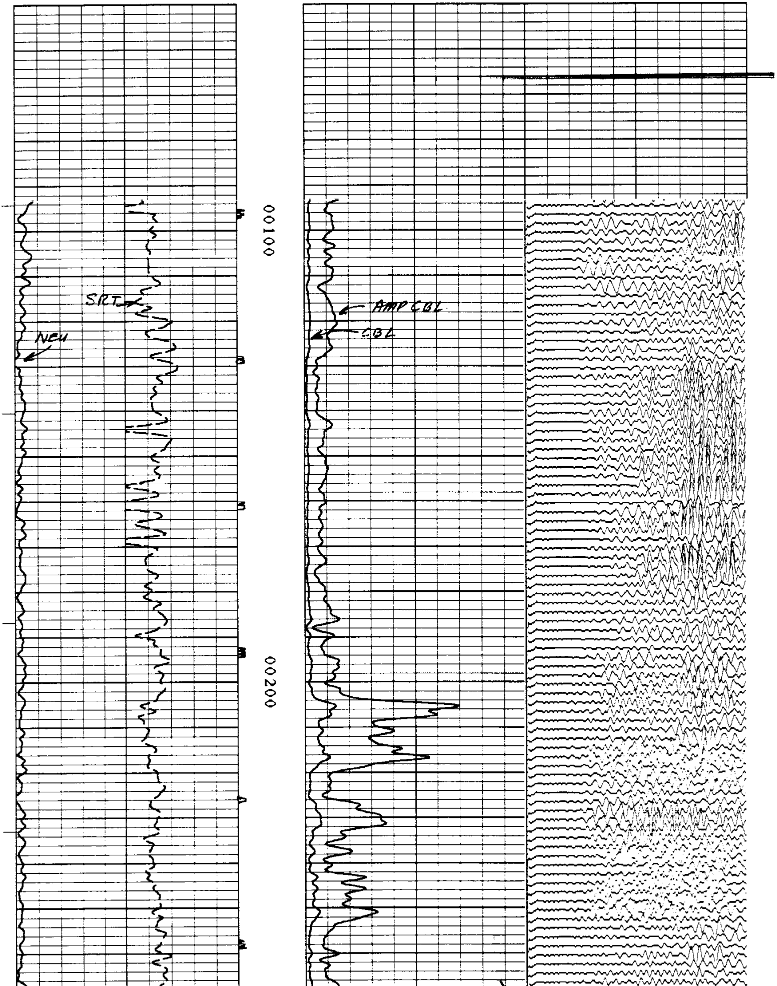
REVISION:   FSYSAL REV D007 VER 7                                 MODE: RECORD

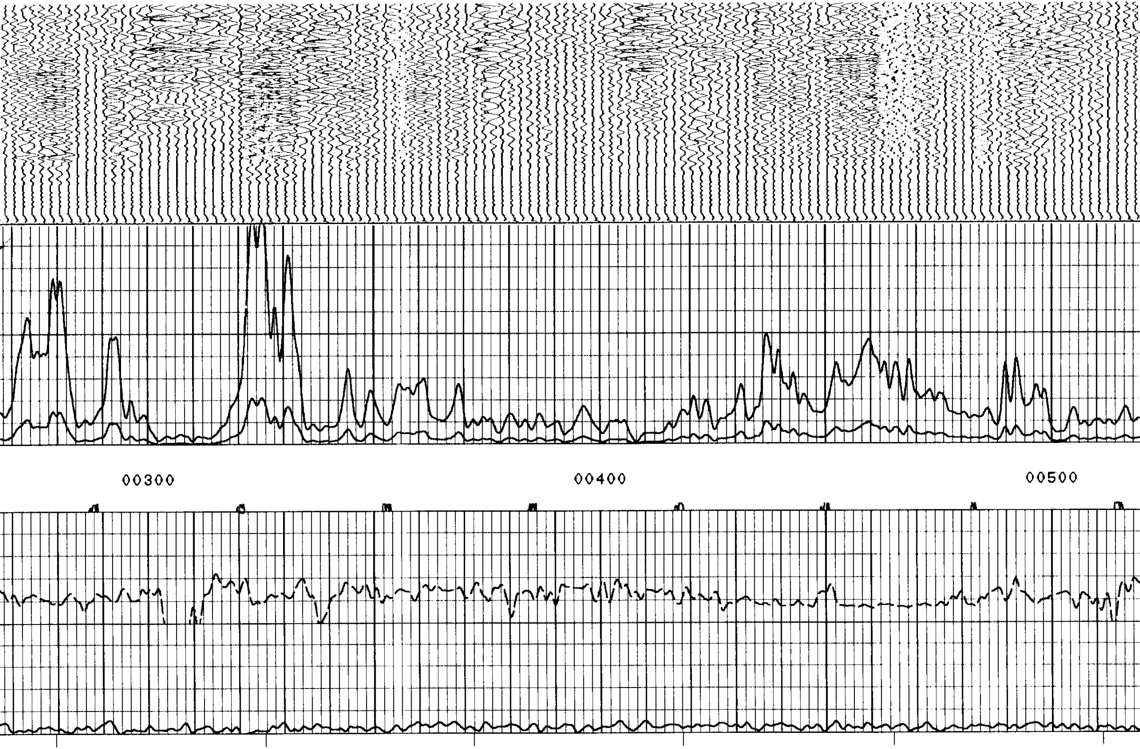

                 SRT(MICS)
            |— — — — — — —|
             350        250

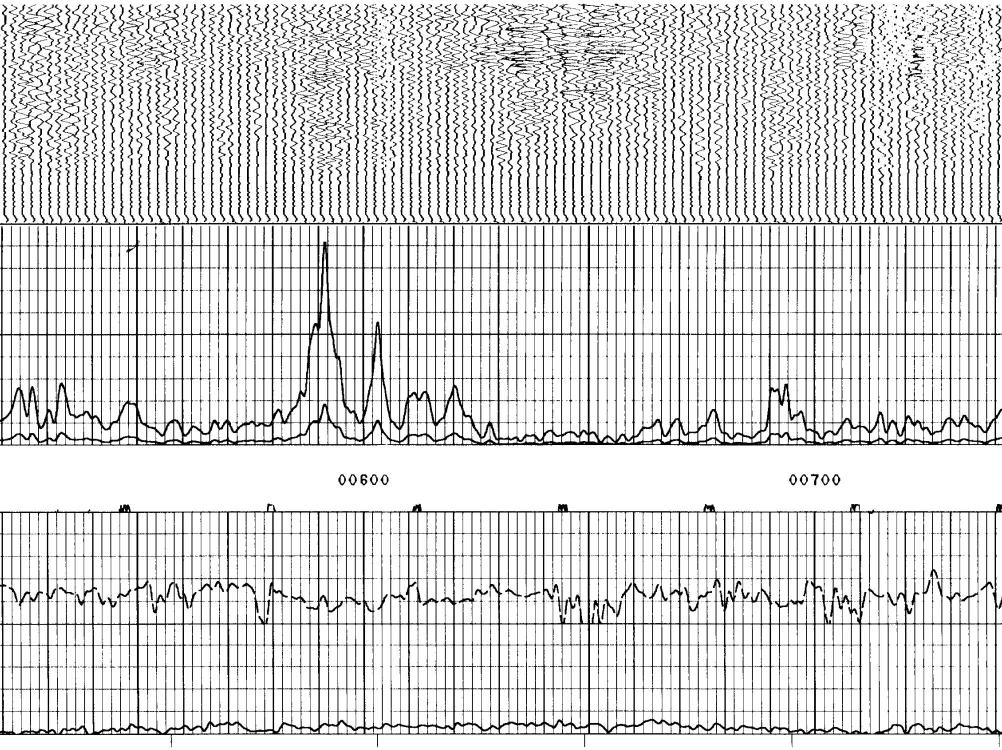
            TEN(LBS)                          CBL(%)
|--------------------------------|   |--------------------------------|
 0                             5000   0                              20

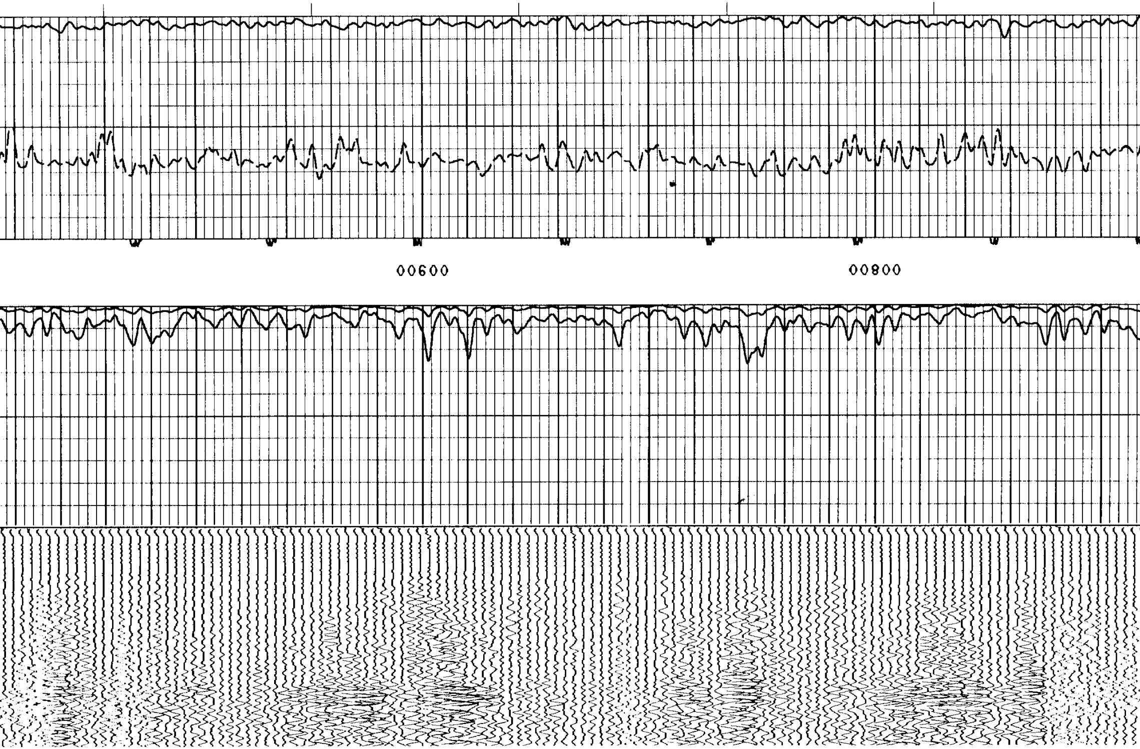
                                CCL           CBL(%)
                               |--|  |--------------------------------|
                               0100   0                             100

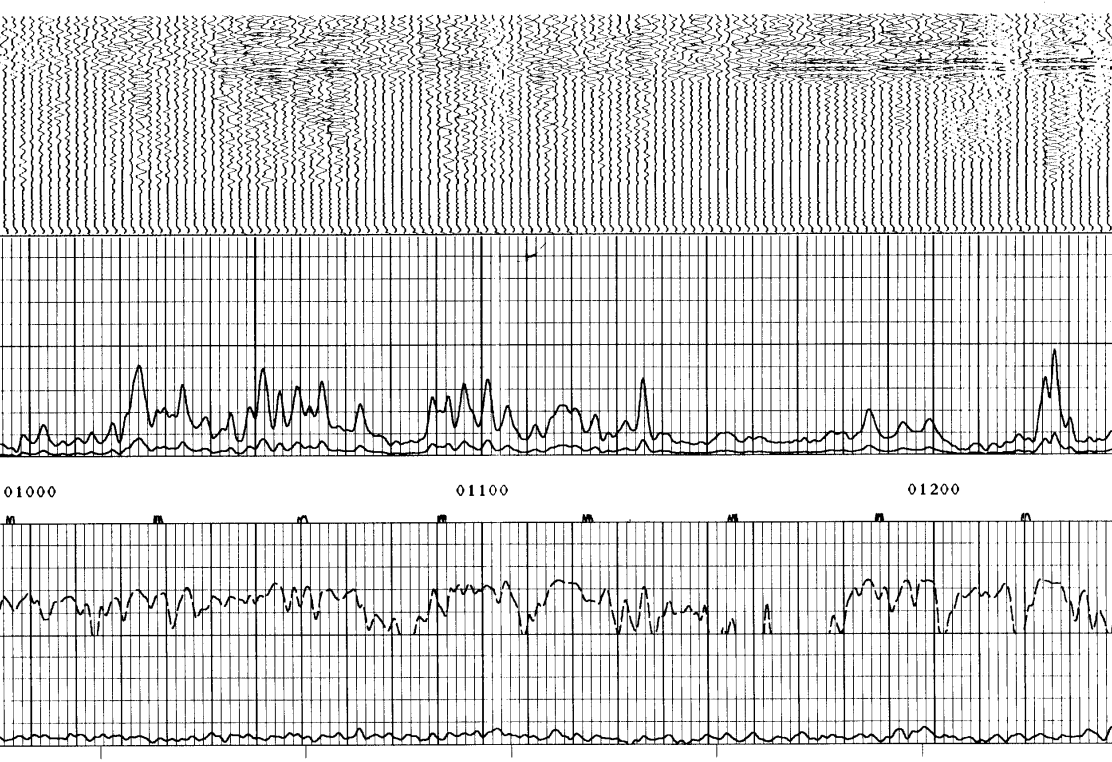
            NEU(API)                                                MICS
|--------------------------------|                    |--------------------------------|
 300                           2300                    100                           1100
```

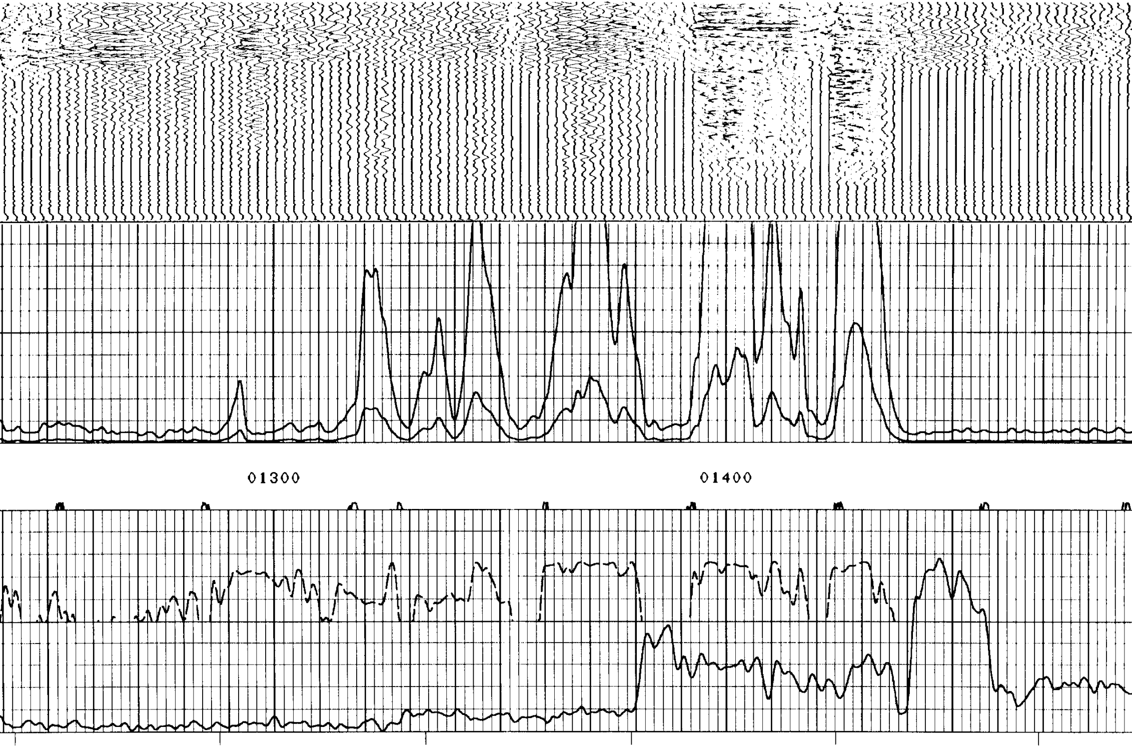


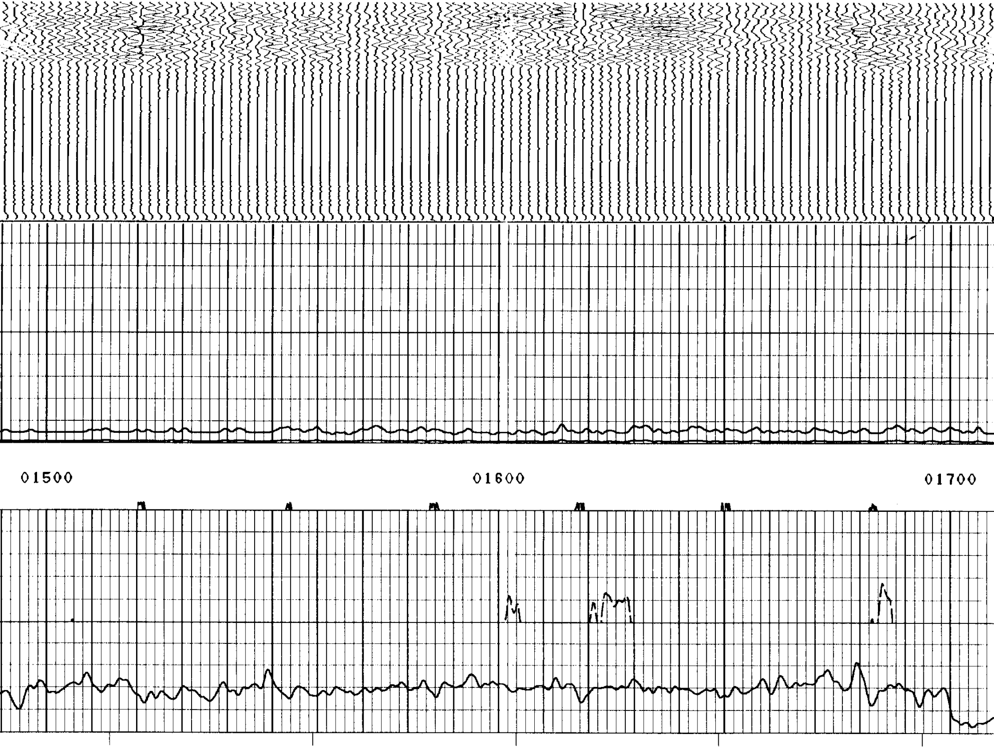


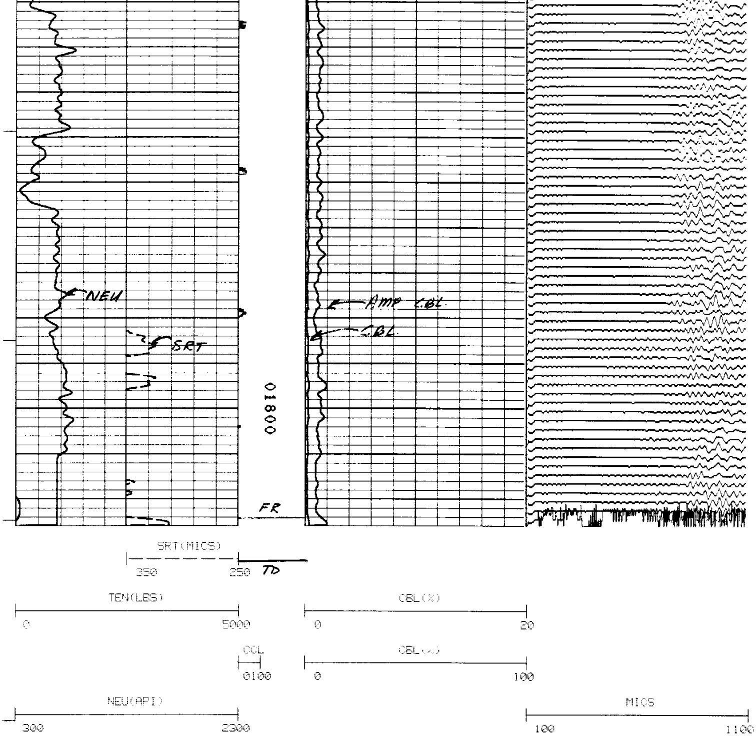












```
      CURVE DELAYS

  CURVE    DELAY  UNITS
  -----    -----  -----

   NEU      14,3  FT,IN
   CCL      20,3  FT,IN
   SRT         0  FT,IN
   MICS        0  FT,IN
   CBL         0  FT,IN
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                 PARAMETERS

                *** NONE ***
           DISPLAY SCALE CHANGES

                *** NONE ***
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REPEAT w/ 1,000 PSI

COMPANY: ARCO OIL & GAS COMPAN

WELL NAME: 12-15-64

SERVICE: W0342M FILE: 13 DATE: 09/07/88

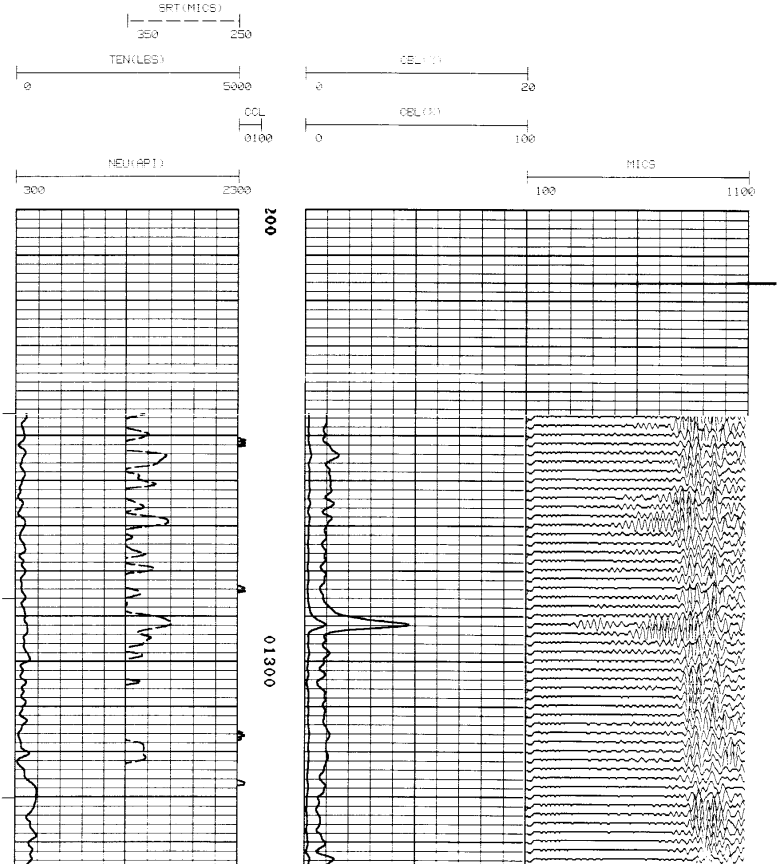
REVISION: FENBAL REV 0007 VER 7

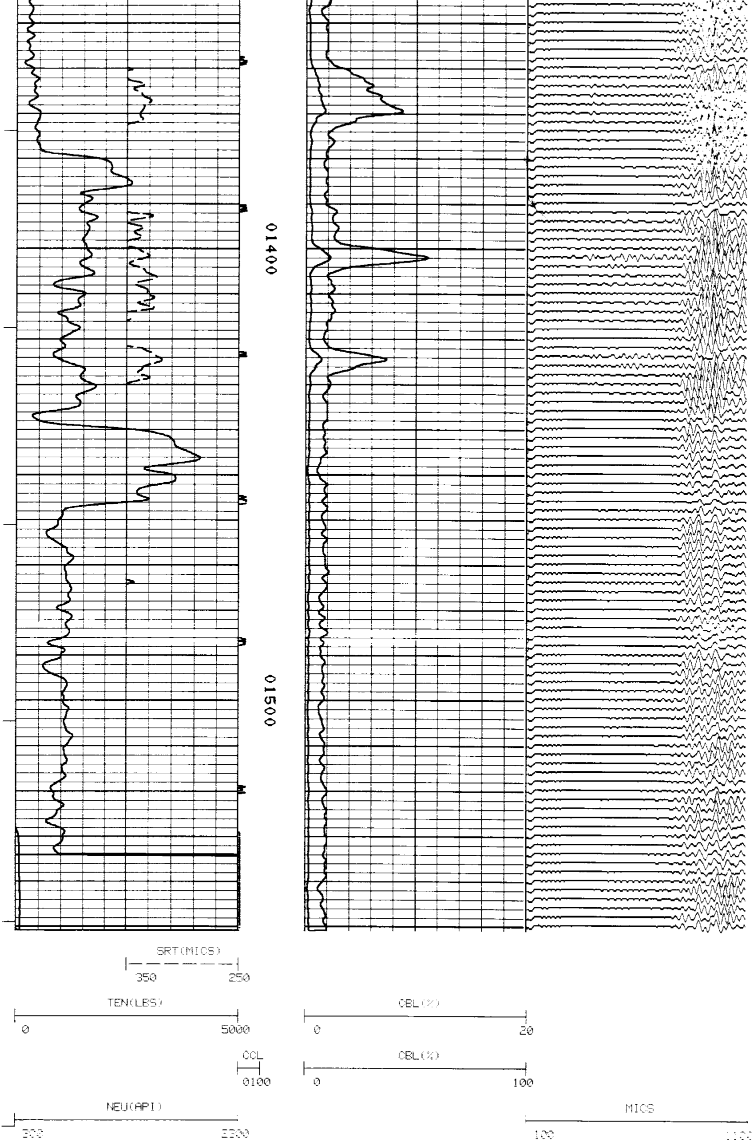
RUN: 1

TRIP: 1

TIME: 18:32:35

MODE: RECORD





CURVE DELAYS

CURVE	DELAY	UNITS
NEU	14.3	FT.IN
CCL	20.3	FT.IN
SRT	0	FT.IN
MICS	0	FT.IN
CBL	0	FT.IN

PARAMETERS

*** NONE ***

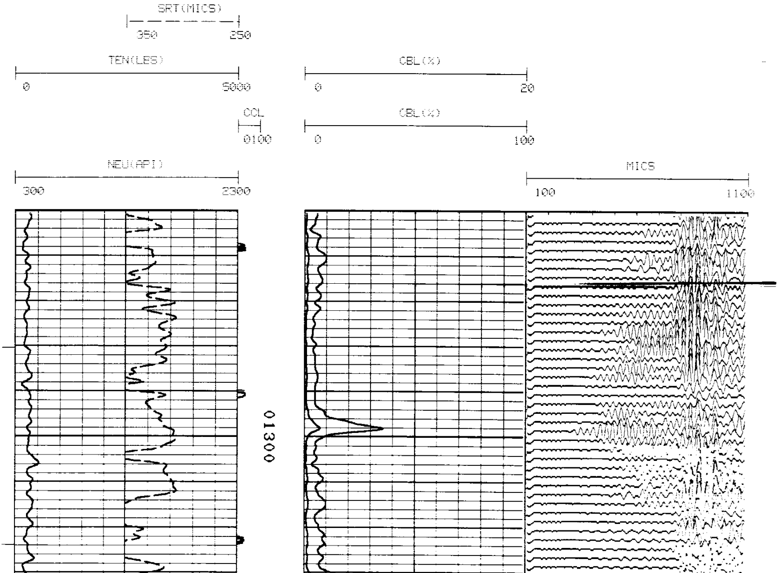
DISPLAY SCALE CHANGES

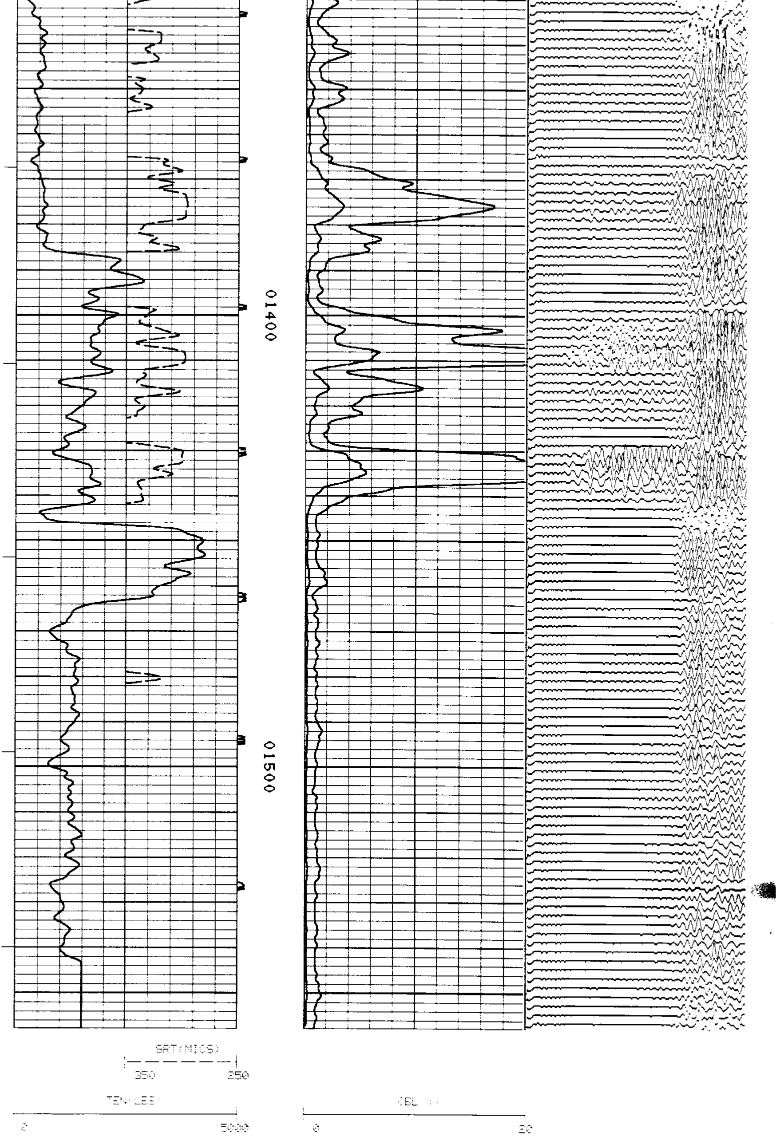
*** NONE ***

REPEAT w/ 0 PSI

COMPANY: ARCO OIL & GAS COMPAN
WELL NAME: 12-15-64
SERVICE: KC342M FILE: 12 DATE: 09/07/88
REVISION: FSYSAL REV D007 VER 7

RUN: 1
TRIP: 1
TIME: 16:15:39
MODE: RECORD





CCL
0100

CBL(%)
0 100

NEU(API)
300 2300

MICS
100 1100

CURVE DELAYS

CURVE	DELAY	UNITS
NEU	14,3	FT,IN
CCL	20,3	FT,IN
SRT	0	FT,IN
MICS	0	FT,IN
CBL	0	FT,IN

PARAMETERS

*** NONE ***

DISPLAY SCALE CHANGES

*** NONE ***

SURFACE CALIBRATIONS

COMPANY: ARCO OIL & GAS COMPAN
WELL NAME: 12-15-84
SERVICE: KC342M
FILE: 11
DATE: 09/07/88
REVISION: FSYSAL REV D007 VER 7
RUN: 1
TRIP: 1
TIME: 15:38:19
MODE: RECORD

SRT(MICS)
350 250

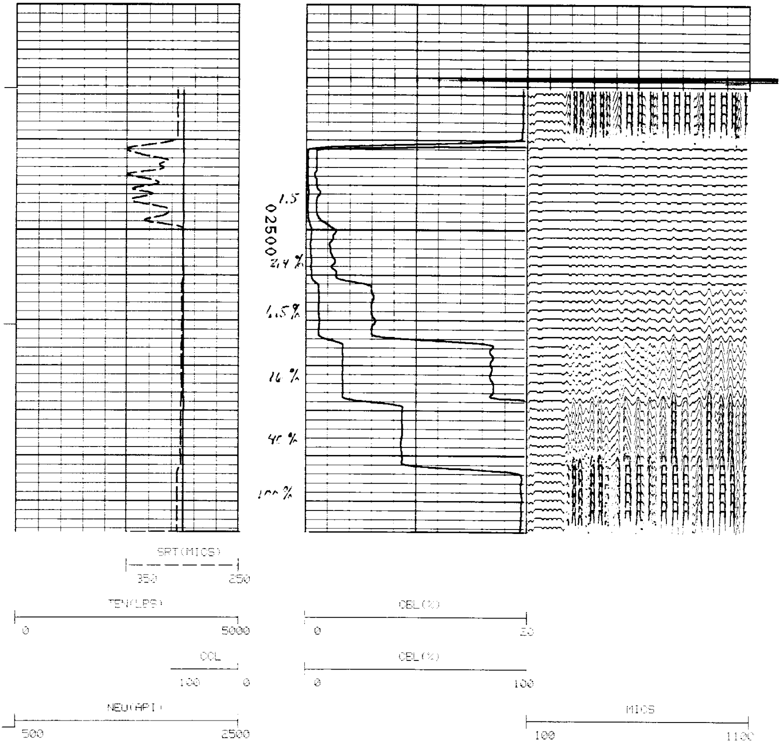
TEN(LBS)
0 5000

CBL(%)
0 20

CCL
100 0

CBL(%)
0 100

NEU(API)
500 2500

MICS
100 1100