CC 42-08-54

FORM 925317

Western Atlas International
Atlas Wireline Services

Dual Induction Focused Log

R

FILE NO.

API NO.

5" = 100'

COMPANY ARCO OIL & GAS COMPANY

WELL ~~CH~~ Col. Co. #42 8 54

FIELD MIST

COUNTY COLUMBIA STATE OREGON

LOCATION: 769' N. & 1144' W. OF THE S.E. CORNER OF:

SEC 8 TWP 5N RGE 4W

Other Services CDLC/CN/GR BHC/AL

Permanent Datum GL Elev. 916'

Log Measured from KB , 10 Ft. Above Permanent Datum

Drilling Measured from KB

Elev. KB 926'

DF

GL 916'

Date	6 28 88			
Run No.	ONE			
Service Order	158841			
Depth — Driller	2255'			
Depth — Logger	2253'			
Bottom Logged Interval	2251'			
Top Logged Interval	480'			
Casing — Driller	7" @ 480'	@	@	@
Casing — Logger	480'			
Bit Size	6 1/4"			
Type Fluid in Hole	EC MUD			
Density and Viscosity	10.1 | 41	|	|	|
pH and Fluid Loss	8.3 | 4.4 cc	cc	cc	cc
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	3.84 @ 60 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	3.56 @ 70 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	4.10 @ 70 °F	@ °F	@ °F	@ °F
Source of Rmf and Rmc	M | M	|	|	|
Rm @ BHT	1.86 @ 108°F	@ °F	@ °F	@ °F
Time Since Circ.	2 HRS.			
Max. Rec. Temp. Deg. F	108 °F	°F	°F	°F
Equip. No. and Location	6406 | SAC.	|	|	|
Recorded By	B. WELCH			
Witnessed By	MR. DAHLEEN			

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.

Western Atlas International
A Litton/Dresser Company

ATLAS WIRELINE SERVICES

REMARKS RUN (1)

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	DIFL	72831	1503	1.5 SO
1	1	AC	VENT 3	1603	CENT
1	1	GR	73467	1309	CENT
1	1	CAL	79090	4209	CENT

CURVE DELAYS

CURVE	DELAY	UNITS
CFOC	0	FT,IN
CILM	6,0	FT,IN
CILD	9,3	FT,IN
SP	9,3	FT,IN
GR	42,9	FT,IN
CAL	53,3	FT,IN
ACQ	31,9	FT,IN
AC	26,6	FT,IN

PARAMETERS

NAME	DEPTH INTERVAL	VALUE	UNITS
A	2255 TO 477	0.620	
M	2255 TO 477	2.150	
O.D.	2255 TO 477	3.500	INCH
DEL-T F	2255 TO 477	185.000	MICS/FT
DEL-T M	2255 TO 477	54.000	MICS/FT
DEL-T S	2255 TO 477	110.000	MICS/FT

DISPLAY SCALE CHANGES

*** NONE ***

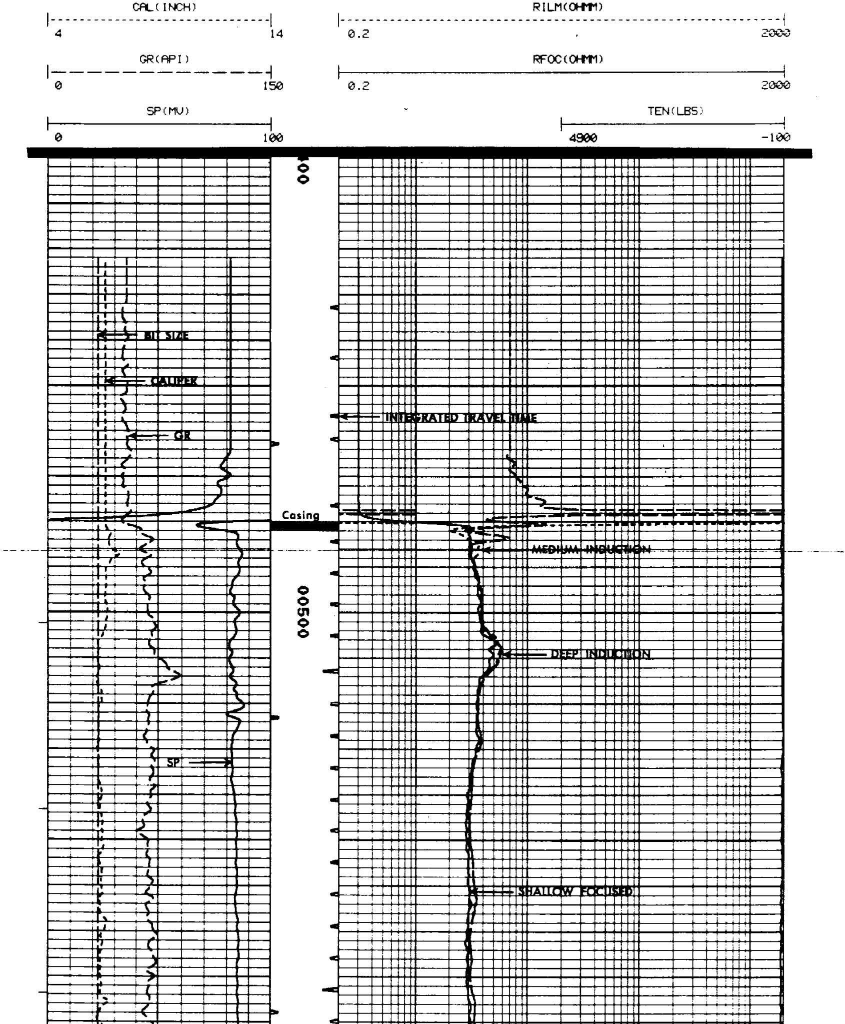
COMPANY: ARCO OIL & GAS COMPANY RUN: 1
WELL NAME: CFI 42-8-54 TRIP: 1
SERVICE: KC214N FILE: 4 DATE: 06/28/88 TIME: 01:19:07
REVISION: FSYSAL REV GS08 VER 2 MODE: RECORD

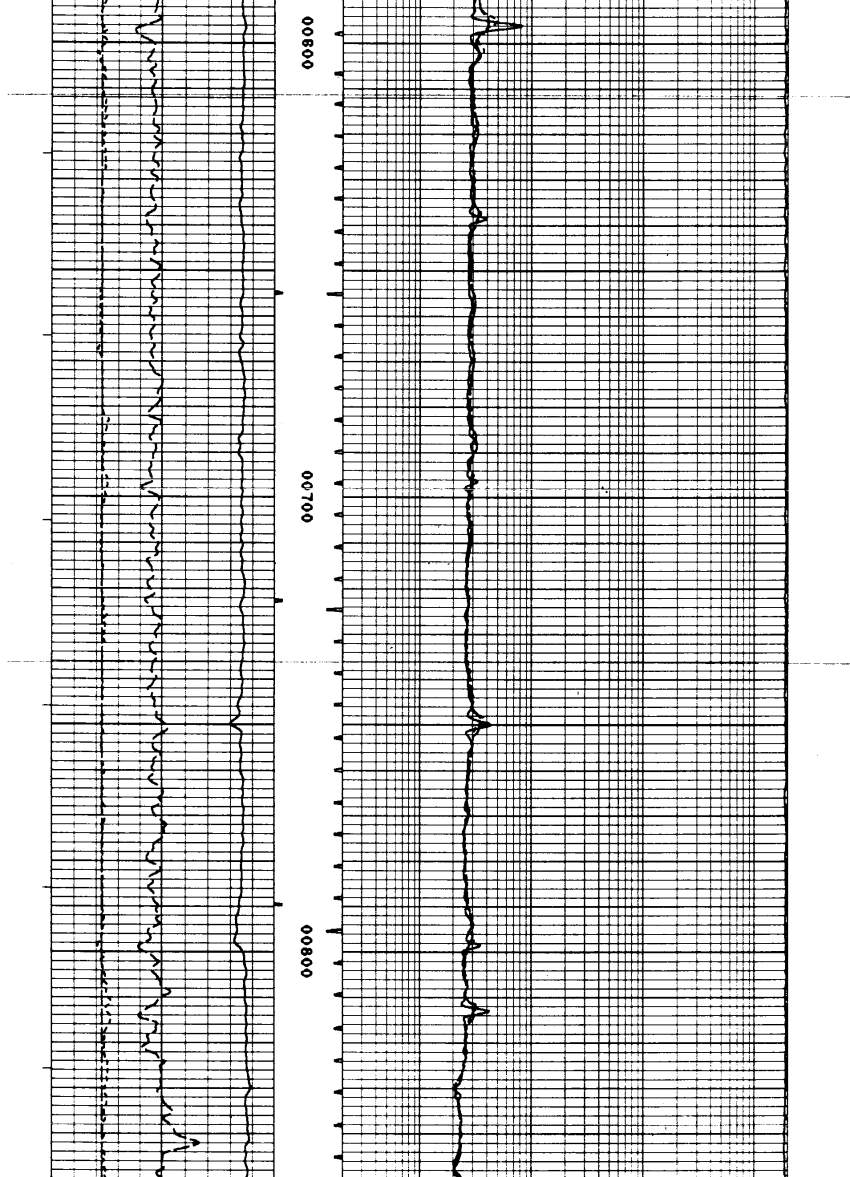
BIT(INCH) 4 — 14

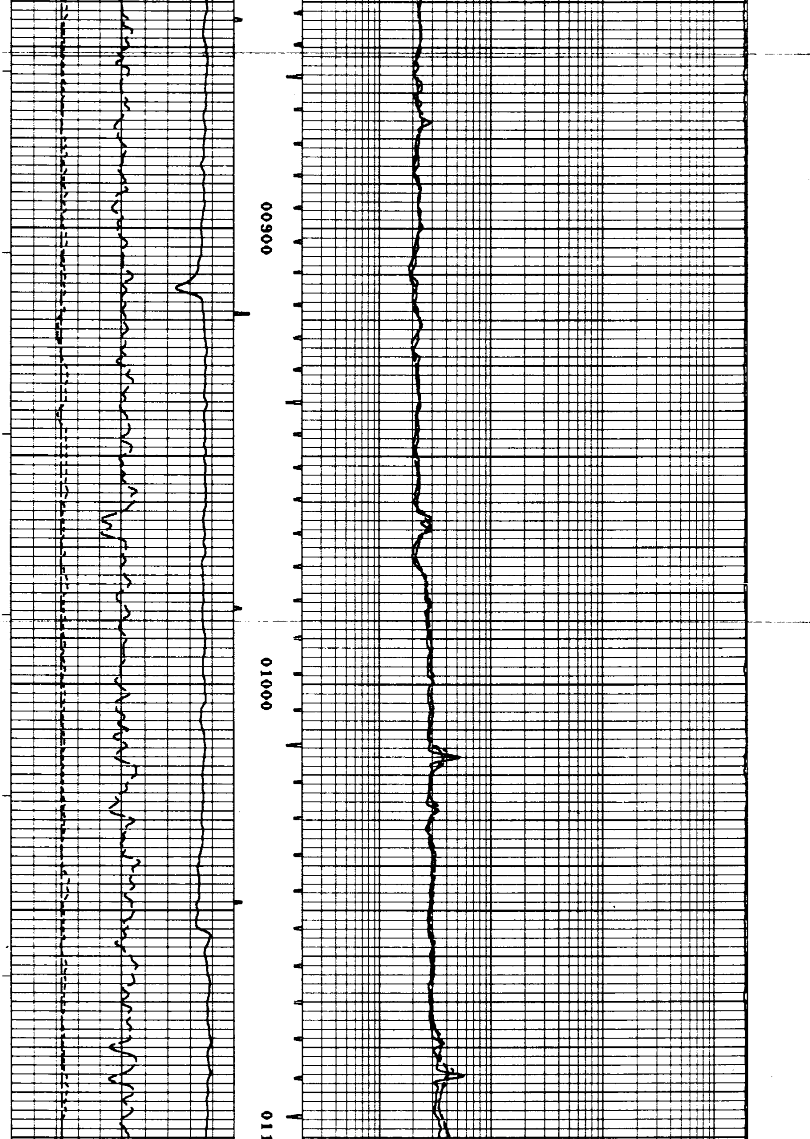
TT(MS) 30 0

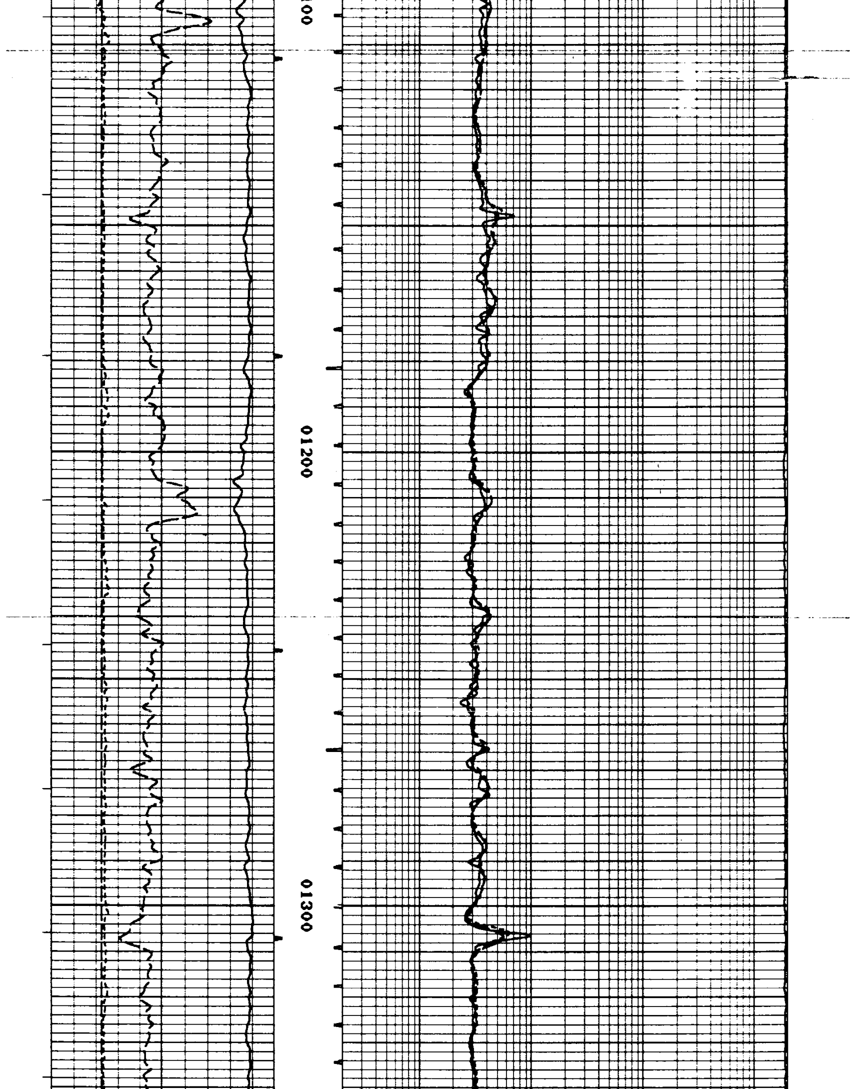
VOL(CUFT) 0 30

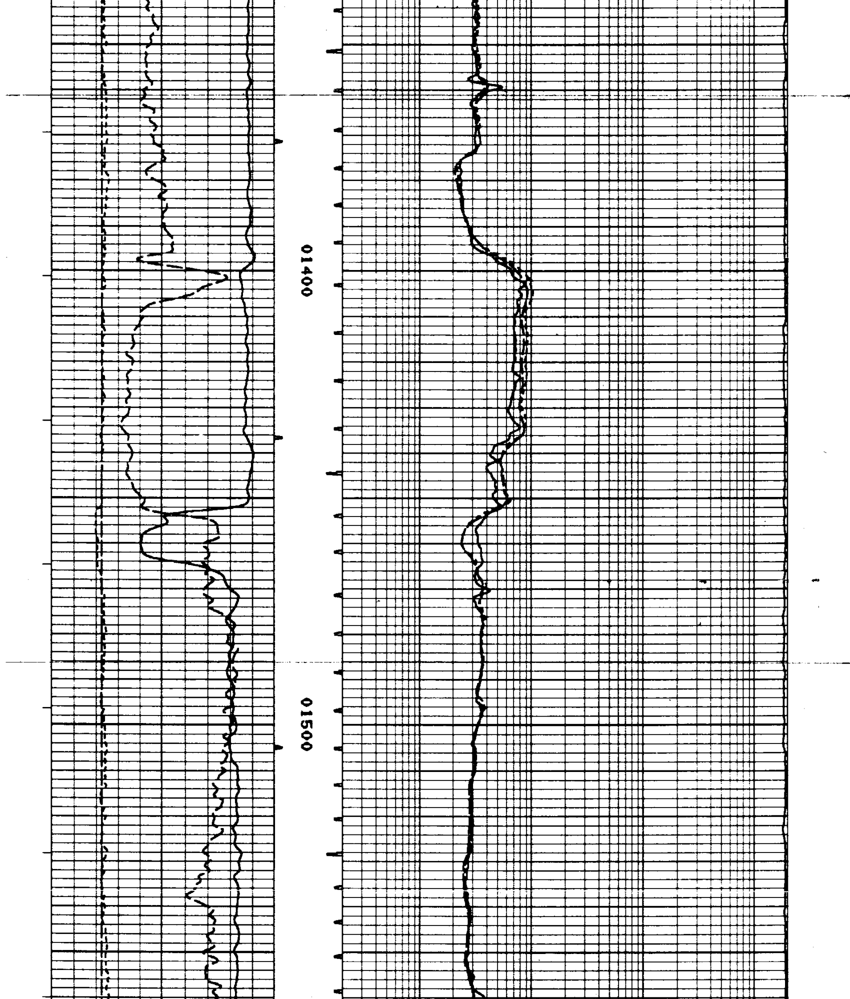
RILD(OHMM) 0.2 — 2000

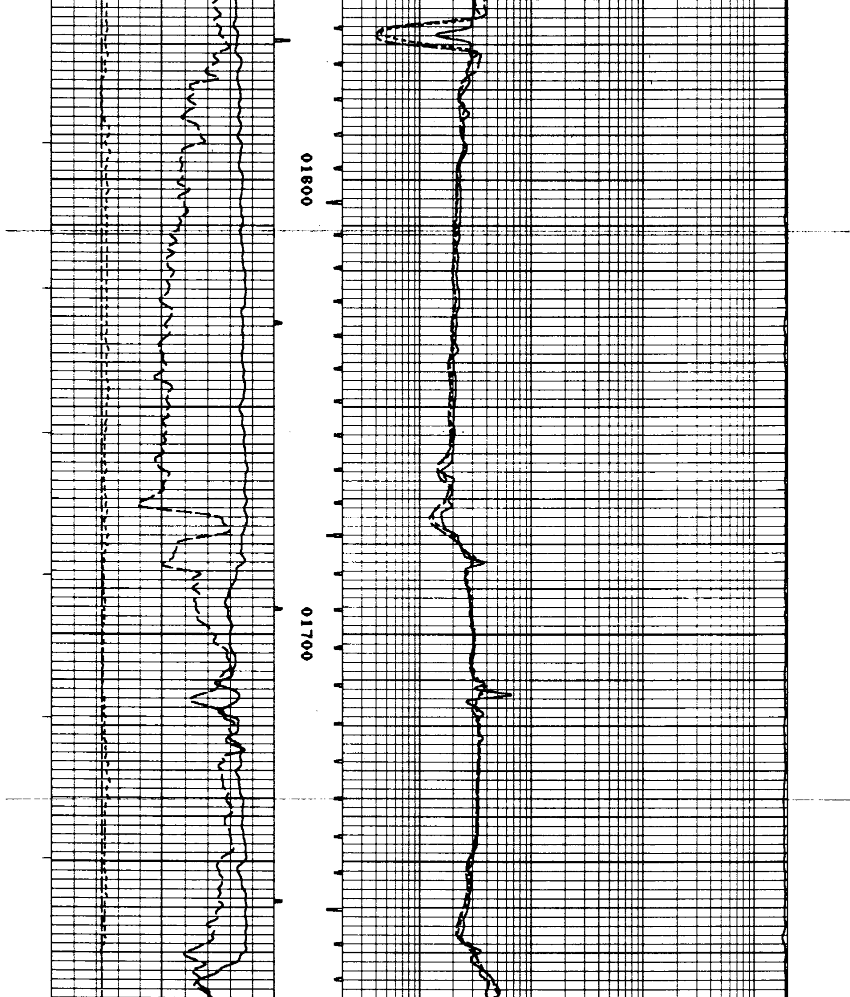


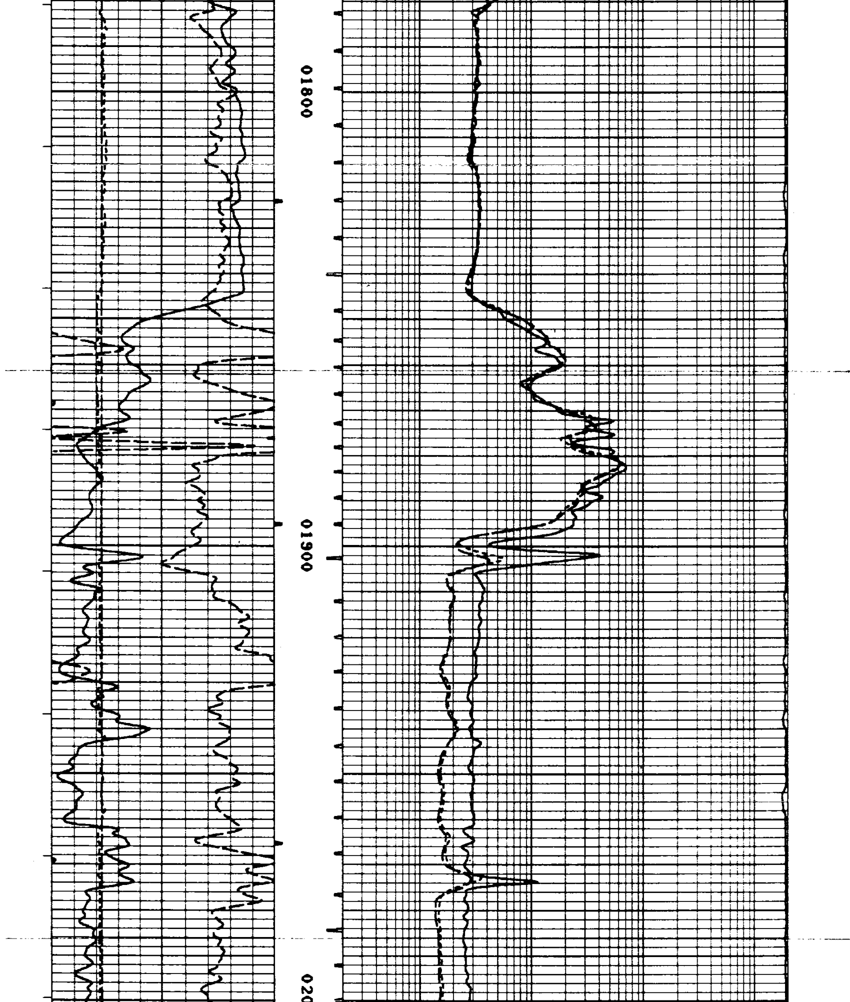


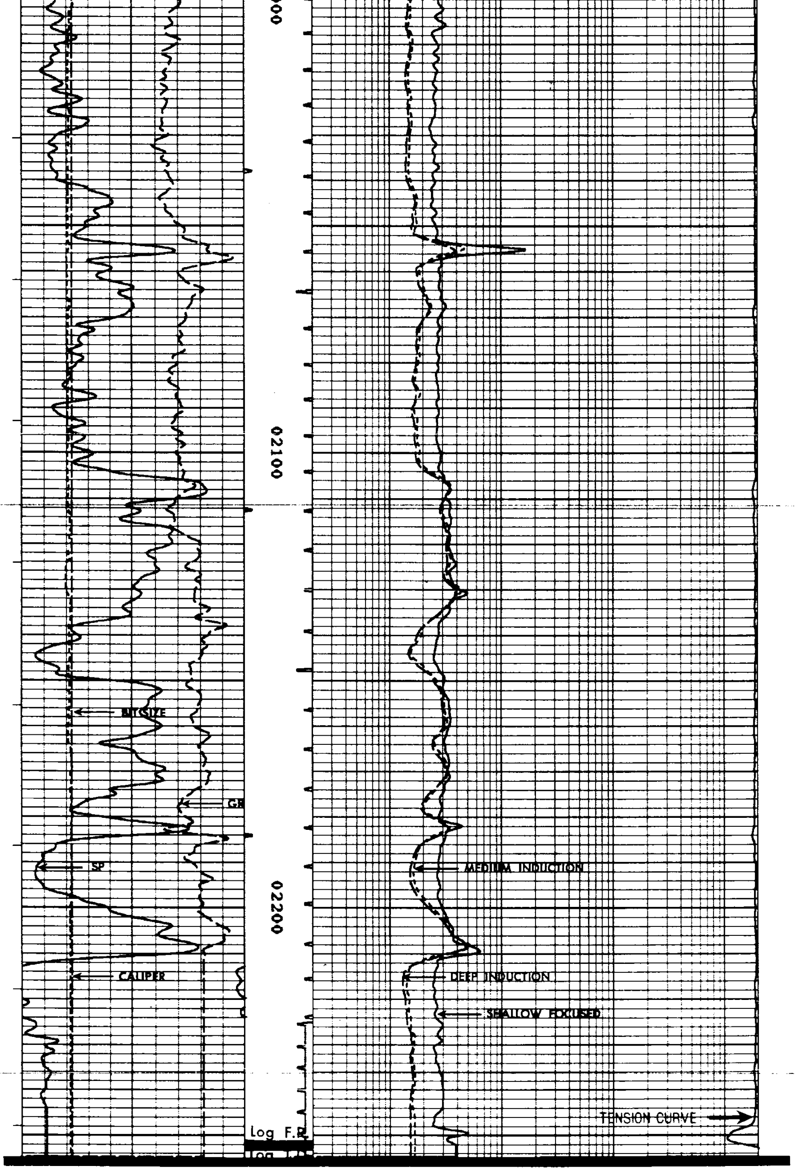












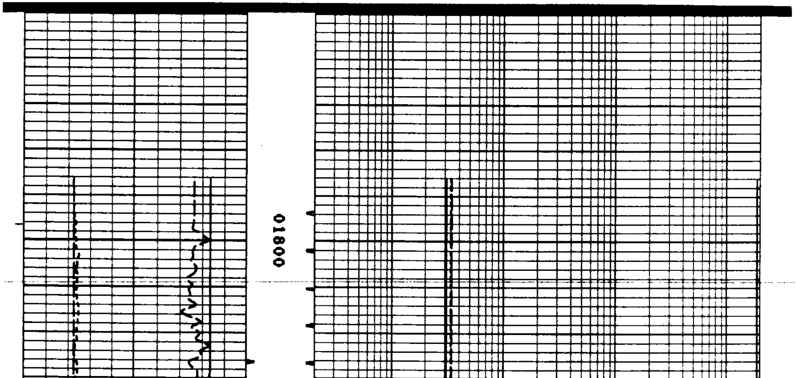
BIT(INCH) 4 — 14
TT(MS) 30 0
VOL(CUFT) 0 30
RILD(OHMM) 0.2 — 2000
CAL(INCH) 4 — 14
RILM(OHMM) 0.2 — 2000
GR(API) 0 — 150
RFOC(OHMM) 0.2 — 2000
SP(MV) 0 — 100
TEN(LBS) 4900 — -100

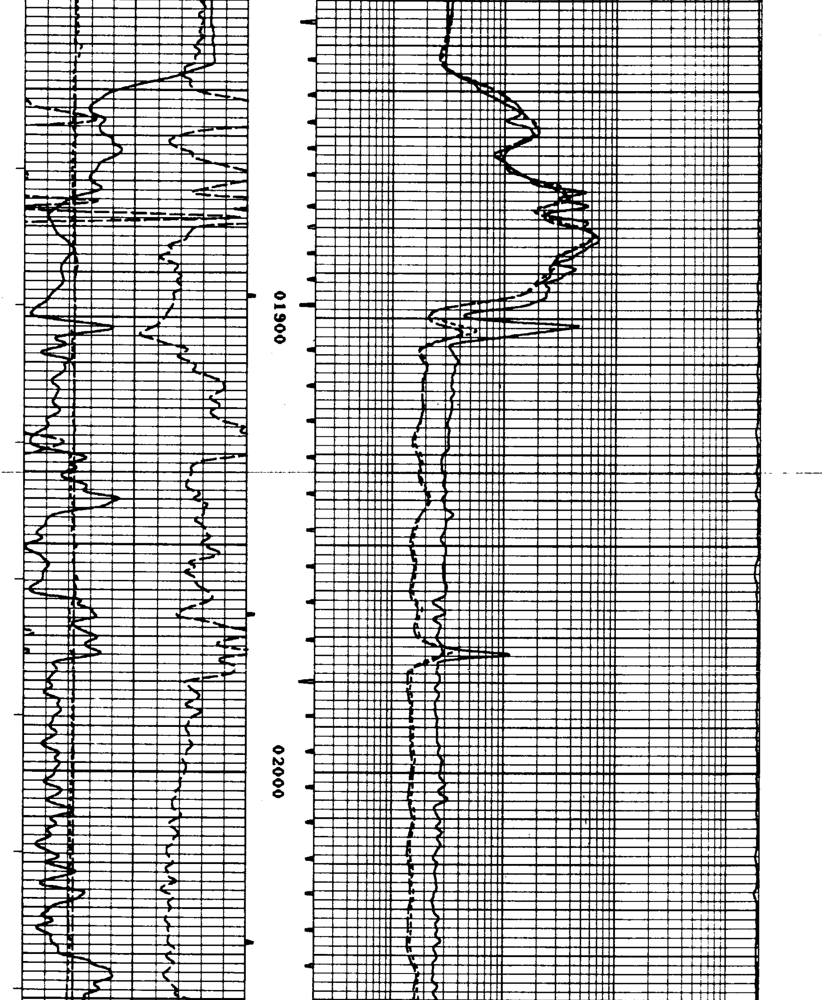
COMPANY: ARCO OIL & GAS COMPANY
RUN: 1
WELL NAME: CFI 42-8-54
TRIP: 1
SERVICE: KC214N FILE: 3
DATE: 06/28/88
TIME: 01:00:30
REVISION: FSYSAL REV GS08 VER 2

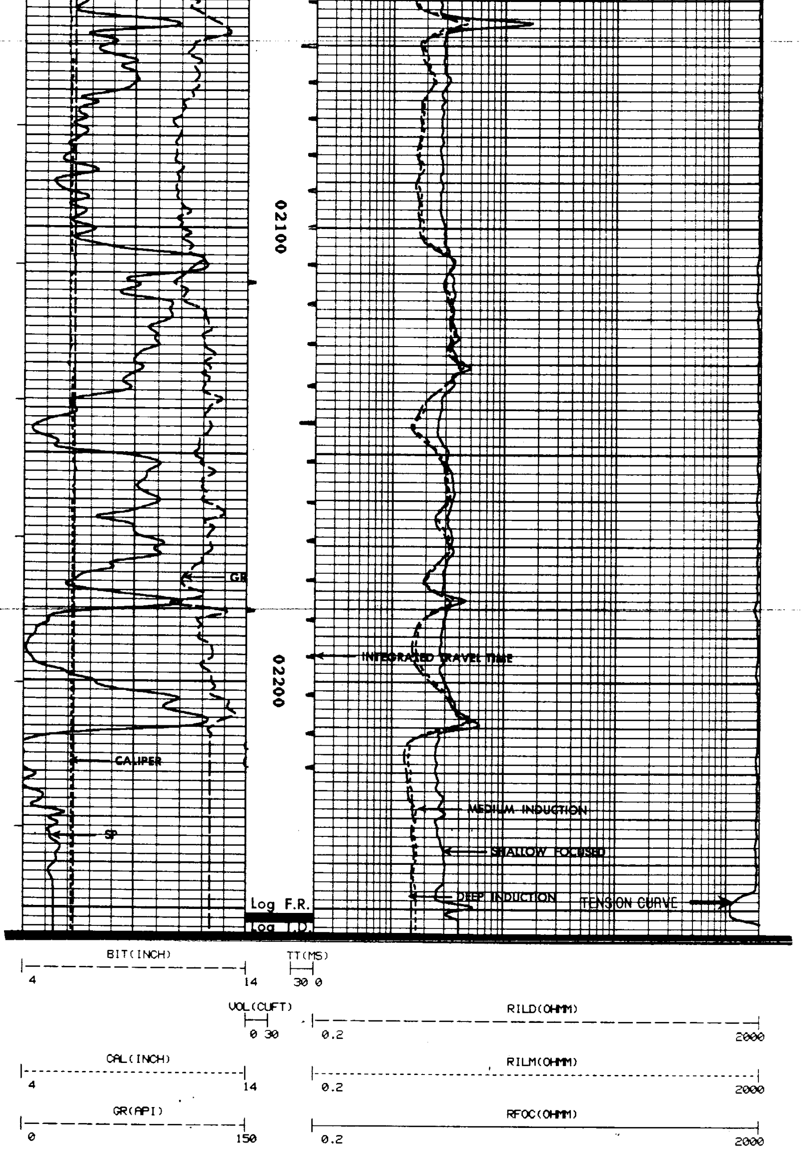
REPEAT SECTION

MODE: RECORD

BIT(INCH) 4 — 14
TT(MS) 30 0
VOL(CUFT) 0 30
RILD(OHMM) 0.2 — 2000
CAL(INCH) 4 — 14
RILM(OHMM) 0.2 — 2000
GR(API) 0 — 150
RFOC(OHMM) 0.2 — 2000
SP(MV) 0 — 100
TEN(LBS) 4900 — -100







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           SP(MV)                                                                   TEN(LBS)
   0                        100                                          4900                      -100

      CURVE DELAYS

   CURVE    DELAY  UNITS
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    CFOC       0   FT,IN
    CILM     6,0   FT,IN
    CILD     9,3   FT,IN
    SP       9,3   FT,IN
    GR      42,9   FT,IN
    CAL     53,3   FT,IN
    ACQ     31,9   FT,IN
    AC      31,9   FT,IN
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                     ******************************************
                     *                                        *
                     *  CALIBRATION/VERIFICATION SUMMARIES    *
                     *  DATE 06/28/88         TIME 02:47:53   *
                     *  RUN  1                TRIP 1          *
                     *                                        *
                     ******************************************


        LOG NAME DIFL    ASSET NO. 72831    UNIT NO. HL 6406
     CALIBRATION ENTERED ON  06/27/88 AT 22:46:23

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

         DATE 05/12/88          CALIBRATION          TIME 11:22:24

    CILD      0.9   495.3   0.258    1.9694       1.000     500.000 MMHO
    CILM     -0.6   540.1   1.498    2.0831       1.000     500.000 MMHO
    CFOC      5.2   519.4  -4.013    2.3679       1.000     500.000 MMHO

         DATE 05/12/88     PRIMARY VERIFICATION      TIME 11:23:47

    CILD     -0.1   493.4   0.258    1.9694       0.175     497.342 MMHO
    CILM     -0.3   551.4   1.498    2.0831       1.249     511.253 MMHO
    CFOC      6.3   520.5  -4.013    2.3679       2.136     501.065 MMHO

         DATE 06/28/88    BEFORE LOG VERIFICATION    TIME 00:31:29

    CILD     -0.1   490.4   0.287    1.9813       0.175     497.342 MMHO
    CILM     -0.3   547.8   1.483    2.0971       1.249     511.253 MMHO
    CFOC      5.9   503.1  -3.822    2.4488       2.136     501.065 MMHO

         DATE 06/28/88     AFTER LOG VERIFICATION    TIME 02:15:58

    CILD     -0.1   494.5   0.287    1.9813       0.222     501.942 MMHO
    CILM     -0.2   552.1   1.483    2.0971       1.351     515.578 MMHO
    CFOC      6.2   500.0  -3.822    2.4488       2.354     497.943 MMHO


        LOG NAME GR      ASSET NO. 73467P   UNIT NO. HL 6406
     CALIBRATION ENTERED ON  06/27/88 AT 23:12:15

    CURVE   COUNTS/SEC.     SCALING FACTORS     ENGINEERING VALUES    UNITS
             LOW    HIGH    ADD.     MULT.        LOW         HIGH
    ----   -------------   ----------------   ------------------  ----

         DATE 06/27/88          CALIBRATION          TIME 23:12:15

    GR      173.2   401.0   0.000    0.6585       0.000     150.000 API

                           PRIMARY VERIFICATION             NOT DONE

                          BEFORE LOG VERIFICATION           NOT DONE

         DATE 06/28/88     AFTER LOG VERIFICATION    TIME 02:21:13

    GR       79.7   305.1   0.000    0.6585      52.486     200.922 API


        LOG NAME CAL     ASSET NO. 79090    UNIT NO. HL 6406
     CALIBRATION ENTERED ON  06/27/88 AT 22:47:21
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CURVE   MILLIVOLTS      SCALING FACTORS     ENGINEERING VALUES    UNITS
         LOW     HIGH    ADD.    MULT.         LOW       HIGH
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     DATE 06/02/88          CALIBRATION           TIME 21:52:25

CAL    3576.6   8184.6    1.343    0.0095       6.000      12.000 INCH

                       PRIMARY VERIFICATION             NOT DONE

     DATE 06/28/88    BEFORE LOG VERIFICATION     TIME 00:24:26

CAL      E      3744.3    1.443    0.0095       E           6.318 INCH

     DATE 06/28/88     AFTER LOG VERIFICATION     TIME 02:13:24

CAL      E      3780.2    1.443    0.0095       E           6.365 INCH
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- End -