[redacted]

GL04304_17

**Chevron Oil Company**
**Geophysical Division**

Houston Data Processing Center
Computer Processed Log Display

# POROSITY PERMEABILITY DISPLAY PLOT

COMPANY CHEVRON OIL COMPANY
WELL GTW NO. 5
FIELD HEBER
COUNTY IMPERIAL
STATE CALIFORNIA
COUNTRY U.S.A.

| WELL IDENTIFICATION | | API NO | |
|---|---|---|---|
| COMPANY | CHEVRON OIL COMPANY | DATUM | DF |
| WELL | GTW NO. 5 | ELEVTN | NA |
| FIELD | HEBER | LOCATN | S2 T17S R14E |
| COUNTY | IMPERIAL | | |
| STATE | CALIFORNIA | | |
| COUNTRY | U.S.A. | | |

PROJECT RECORD
COMPANY CHEVRON OIL CO
PROJECT HEBER
CONTACT

DATA PROCESSING RECORD
PROJECT HC0217
WELL HCW7972
DATE JANUARY 18,1977
ANALYST STONE / WILHOIT

REMARKS

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* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
* INPUT PARAMETERS                                                                  *
* POROSITY = DEN POR X 1.3036 - .0503                                               *
* PERMEABILITY = POROSITY X 13.3108 - .9698                                         *
* POROSITY CONTROLS......                                                           *
*  POR > 32% , GAM > 68, CONTROLLED OUT                                             *
*  WASHOUT CONTROLLED OUT WITH CALIPER.                                             *
*                                          DEPTH          CALIPER                   *
*                                    1000.0 - 2500.0        16.0                    *
*                                    2500.5 - 7070.0        10.5                    *
* PERMEABILITY CONTROLS....                                                         *
*  POROSITY CONTROLS APPLIED & PERM< 1 MD                                           *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*       GAMSM         *  D  *     POROSITY      *  PERMEABILITY    *
*0_______________150  *  E  *50______%________0*1____________10000*
*     API UNITS       *  P  *                   *       MD         *
*                     *  T  *                   *                  *
*      CALIPER        *  H  *                   *                  *
*6-------------16     *     *                   *                  *
*          SAND-SHALE *     *SAND-SHALE         *SAND-SHALE        *
*             ON___OFF*     * POR(32%)          * POR(32%)         *
*                   . *     *OFF___ON           * PERM(1 MD)       *
*                     *     *                   *OFF___ON          *
*                     *     *MARKERS            *                  *
*                     *     ******              *                  *
* * * * * * * * * * * *     * * * * * * * * * * * * * * * * * * * *
                          FEET
                         1/600
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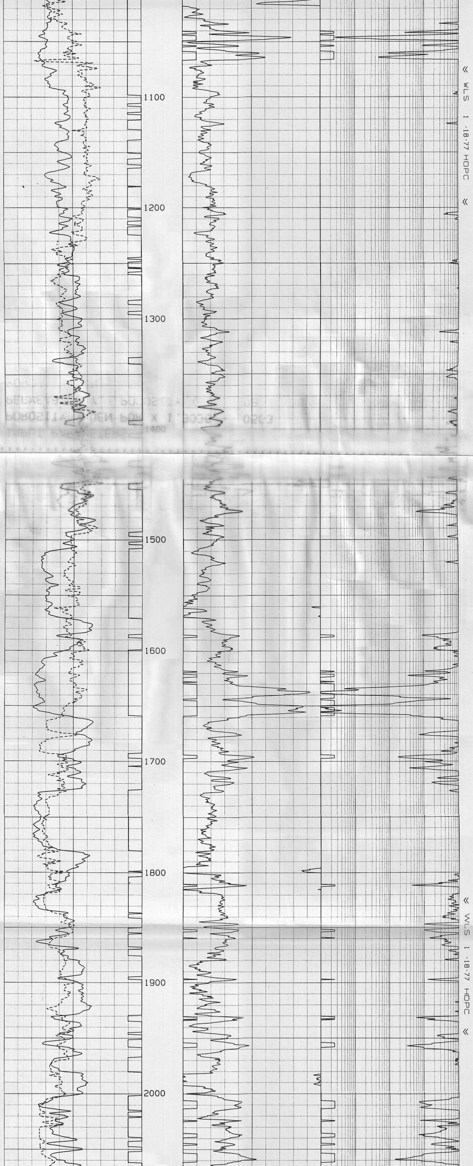

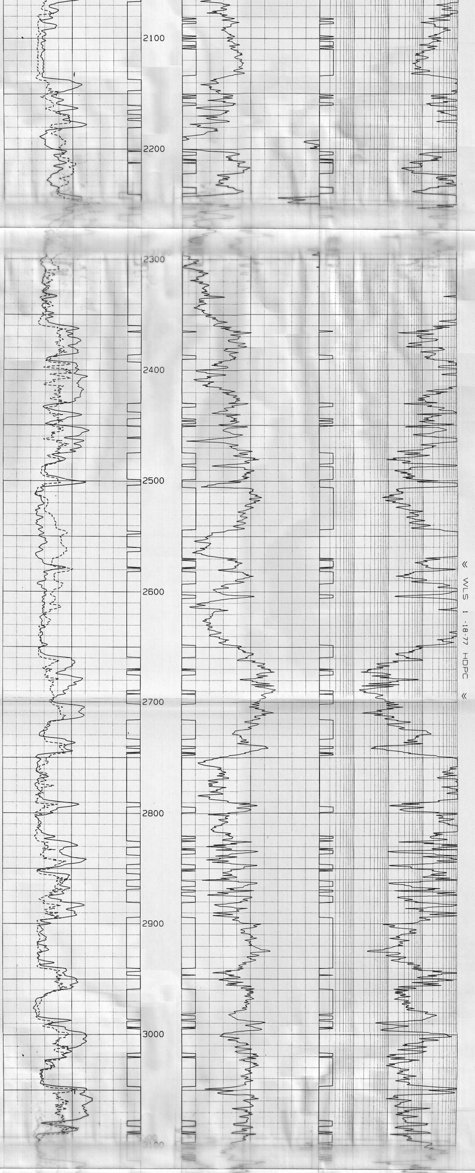

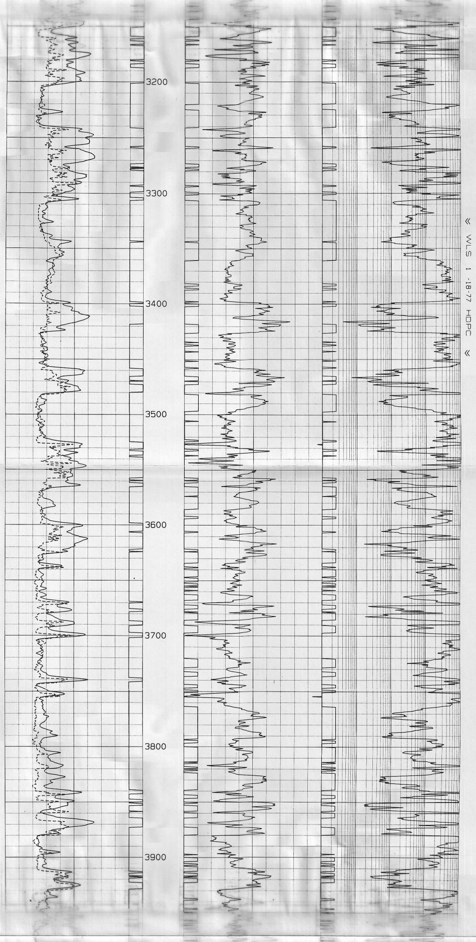

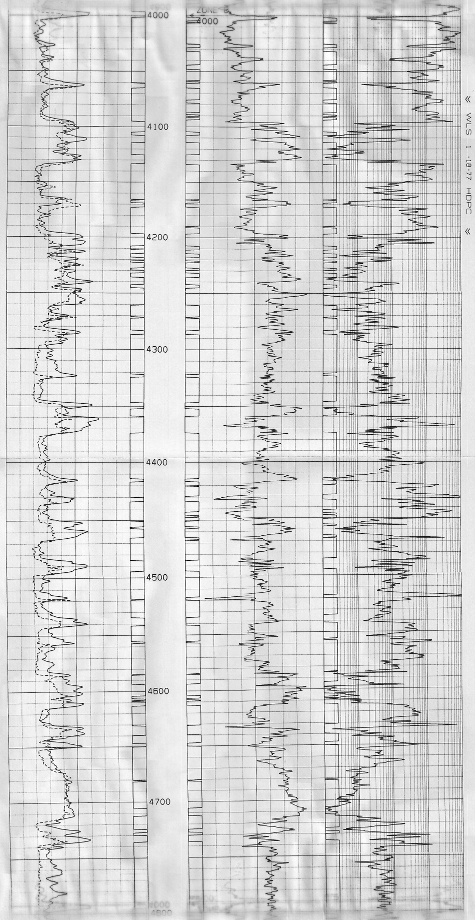

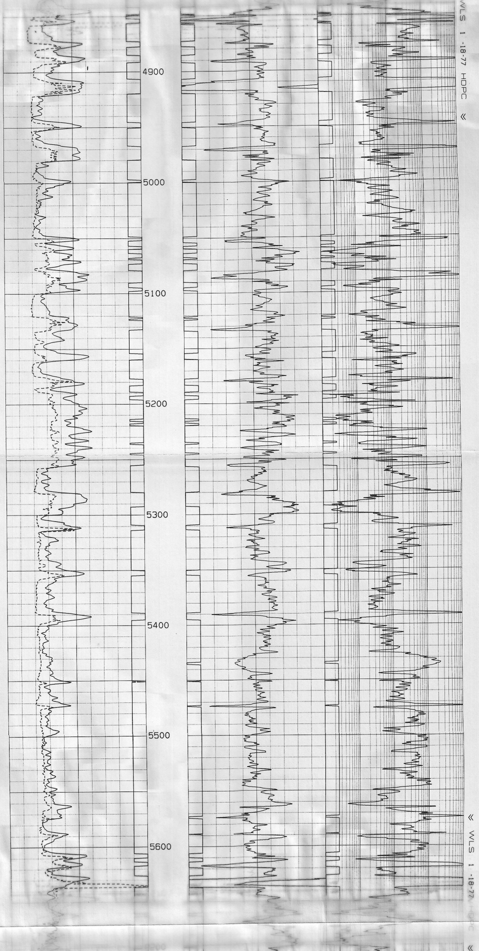

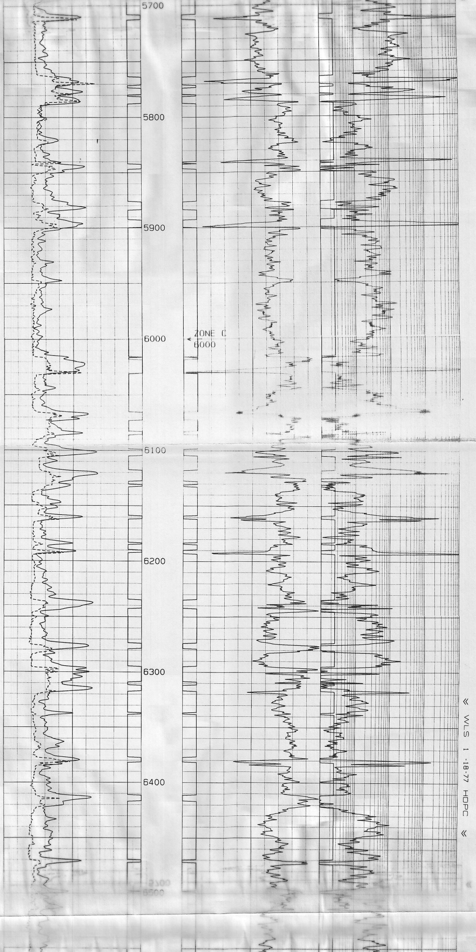

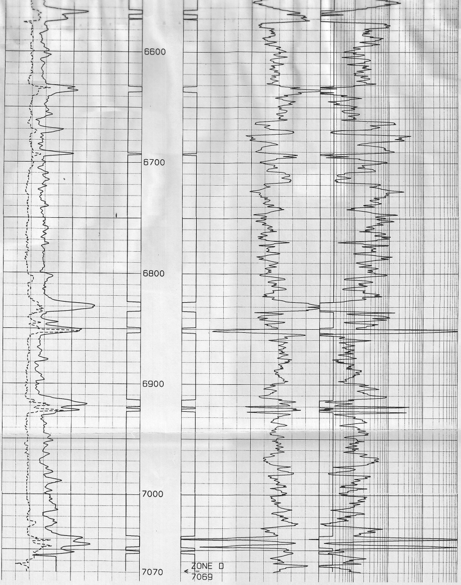

GAMSM

0 150

API UNITS

CALIPER

6 16

DEPTH

POROSITY

50 % 0

PERMEABILITY

1 10000

MD

MARKERS

WLS 1-18-77 HDPC

INPUT PARAMETERS

POROSITY = DEN POR X 1.4725 - .1106

PERMEABILITY = POROSITY X 13.3108 - .9698