Scanned

Schlumberger

CSU

FDC/CNL/NGT 5"

COMPANY: DIAMOND SHAMROCK CORPORATION

WELL: CLATSOP COUNTY #33-11

FIELD: WEST MIST
COUNTY: CLATSOP
STATE: OREGON

LOCATION: 1858' N & 1845' W
OF SE CORNER
SEC: 11 TWP: 6N RGE: 6W

SCANNED

OTHER SERVICES-
DIL
BHC
HDT
NGT
CST
WST

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 928.0 '
LOG MEASURED FROM: KB
12.0 ' ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 940.0 '
DF:
GL: 928.0 '

PROGRAM
TAPE NO:
22.4
SERVICE
ORDER NO:
383546

DATE: 1 JUN 1983
RUN NO: 1

DEPTH-DRILLER: 4223.0 '
DEPTH-LOGGER: 4219.0 '
BTM. LOG INTERVAL: 4216.0 '
TOP LOG INTERVAL: 1003.0 '

CASING-DRILLER: 1023 '
CASING-LOGGER: 1003 '
CASING: 9.625

BIT SIZE: 8.75
DEPTH: 4223 '

TYPE FLUID IN HOLE: KCL POLYMER
DENSITY: 10.0 LB/G
VISCOSITY: 45.0 S
PH: 7.5
FLUID LOSS: 6.8 C3
SOURCE OF SAMPLE: CIRC
RM: 0.170 OHMM AT 80.0 DEGF
RMF: 0.164 OHMM AT 62.0 DEGF
RMC: 0.533 OHMM AT 62.0 DEGF
SOURCE RMF/RMC: MEAS. /MEAS.
RM AT BHT: 0.118 OHMM AT 118. DEGF
RMF AT BHT: 0.090 OHMM AT 118. DEGF
RMC AT BHT: 0.294 OHMM AT 118. DEGF

TIME CIRC. STOPPED: 1300
TIME LOGGER ON BTM.: 2045

MAX. REC. TEMP: 118.0 DEGF

LOGGING UNIT NO: 8128
LOGGING UNIT LOC: SACRAMENTO
RECORDED BY: ANDERSEN
WITNESSED BY: SEELING

REMARKS:

EQUIPMENT NUMBERS-

NSM 952	NGT 775	CNC 1420	PGS 599
PDH 1101	SLC 1589	MCD 663	

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

FILE

105

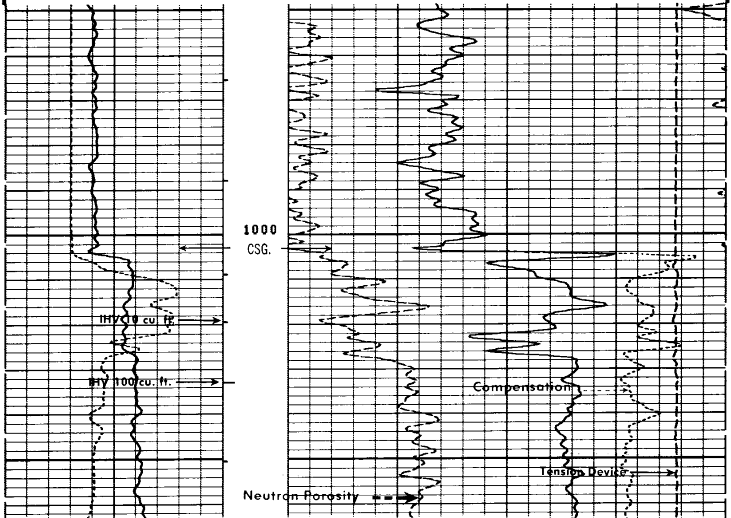
TENS(LB)
5000.0 0.0
DRHO(G/C3)
-0.250 0.2500

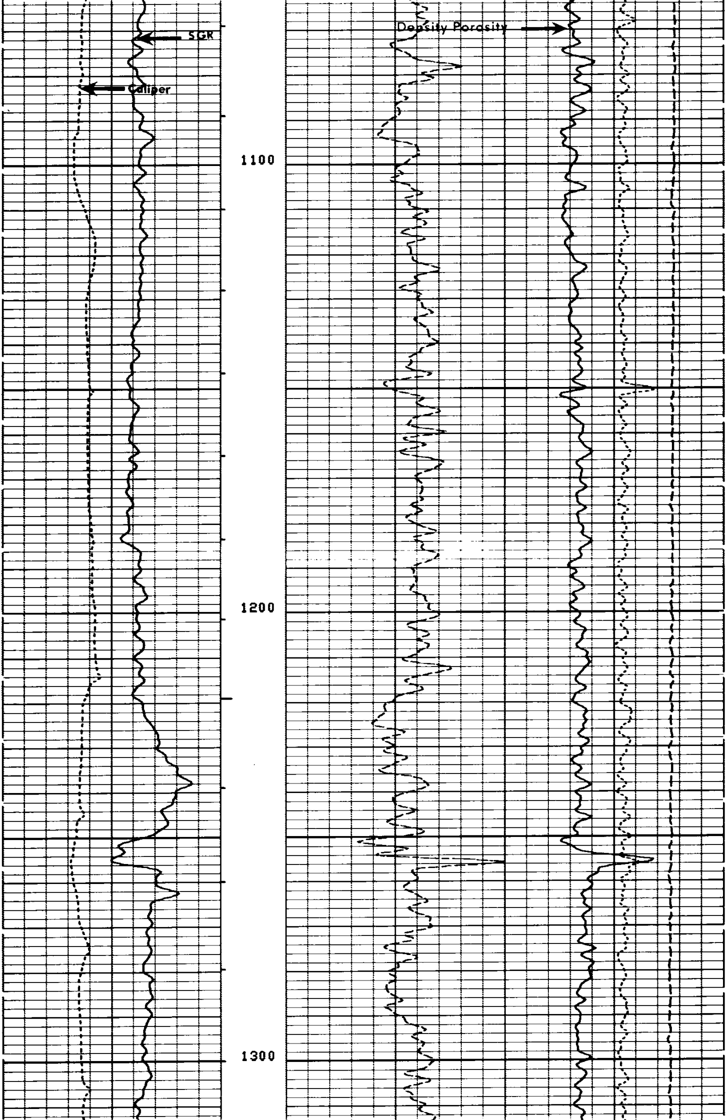
SGR (GAPI)
0.0 150.00
CALI(IN)
6.0000 16.000

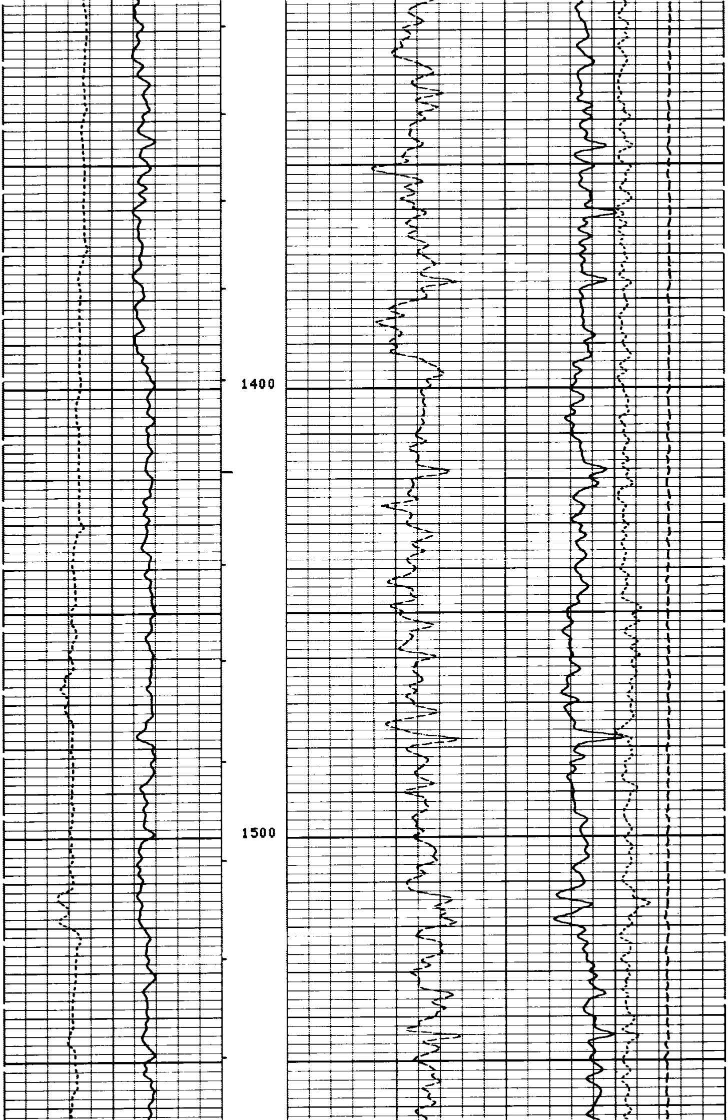
DPHI( )
0.6000 0.0
NPHI( )
0.6000 0.0

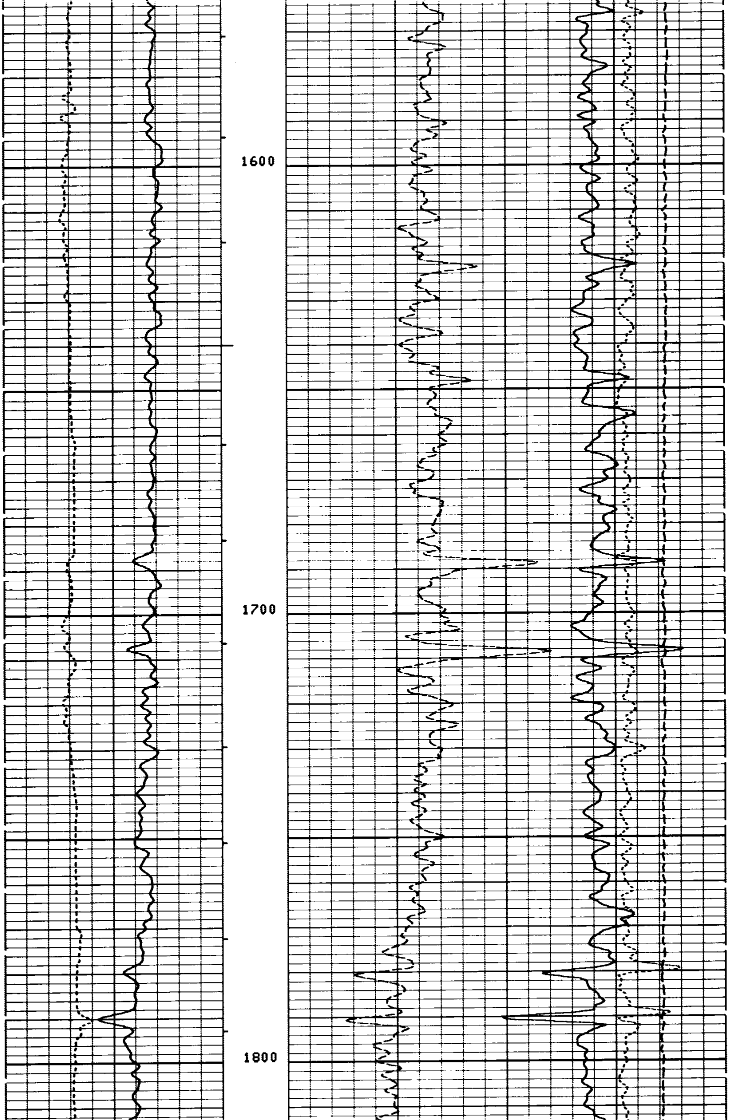
FILE

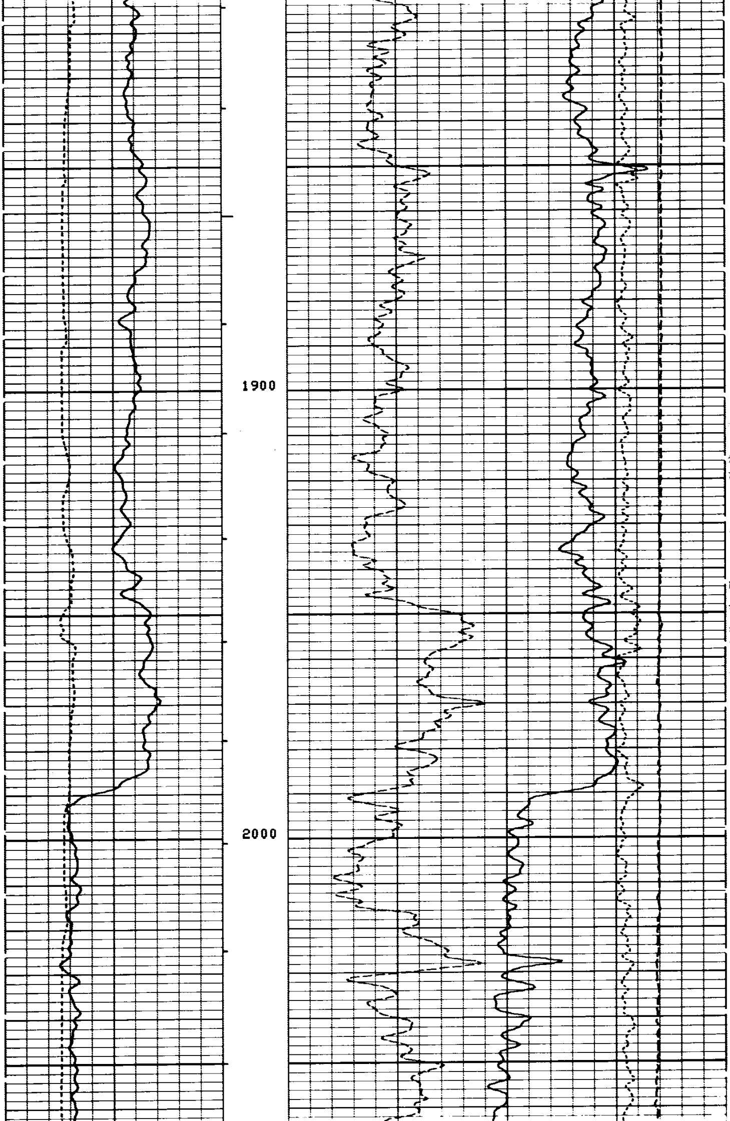
3

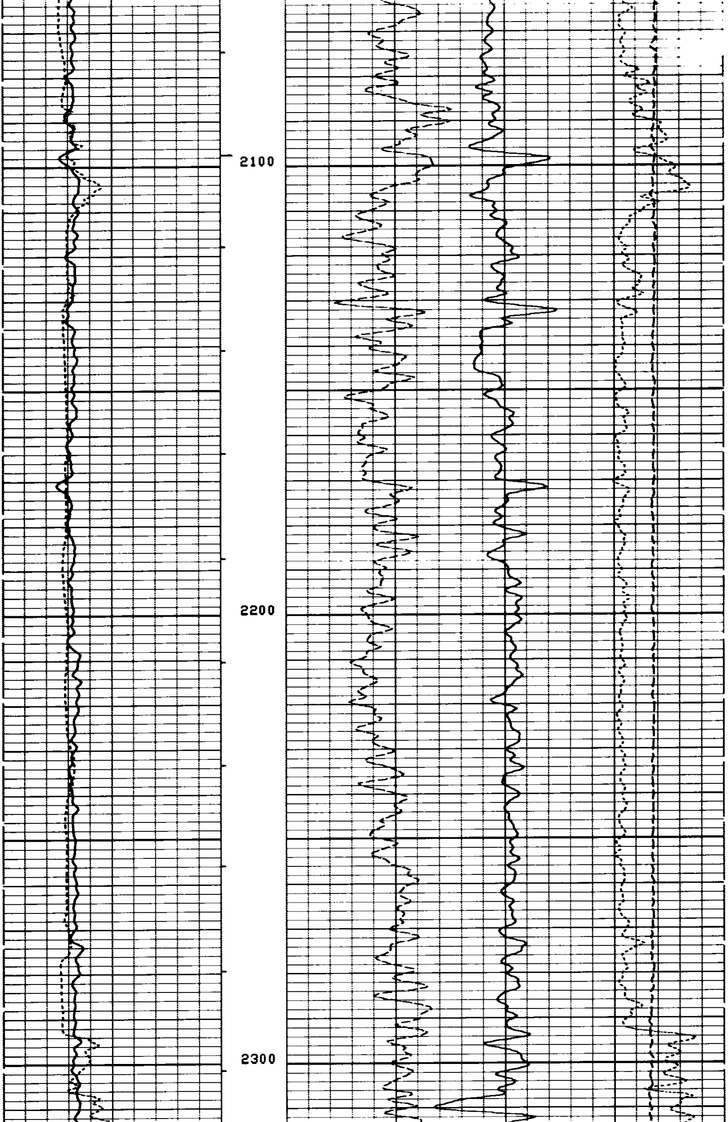


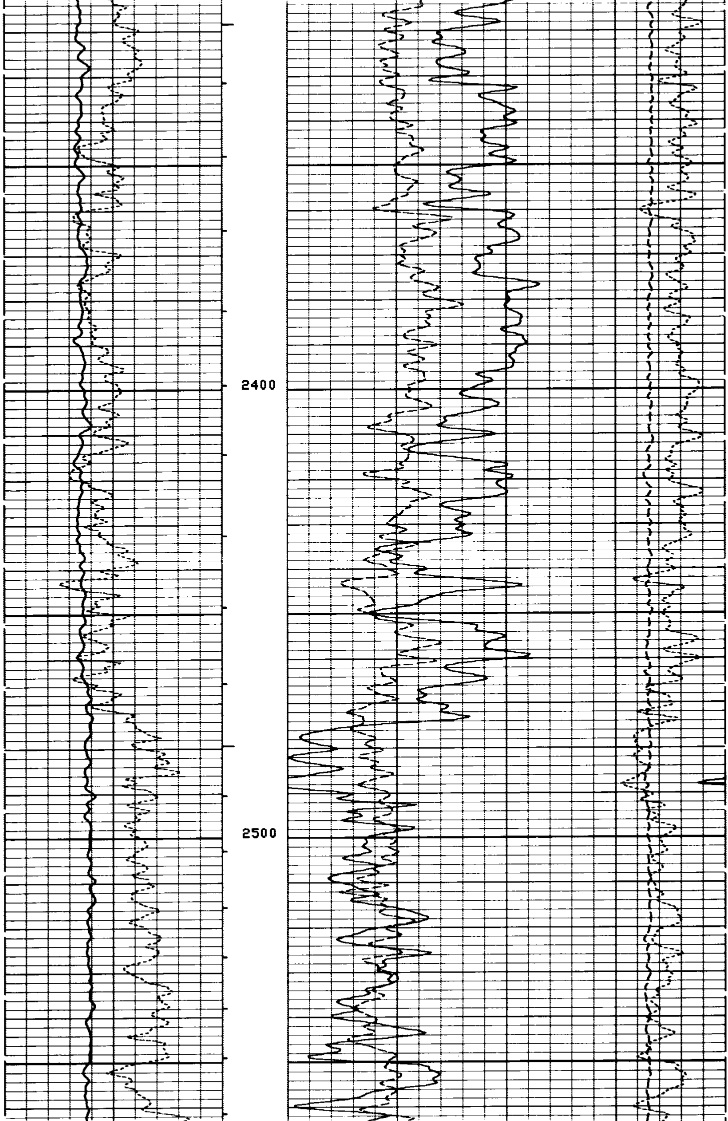


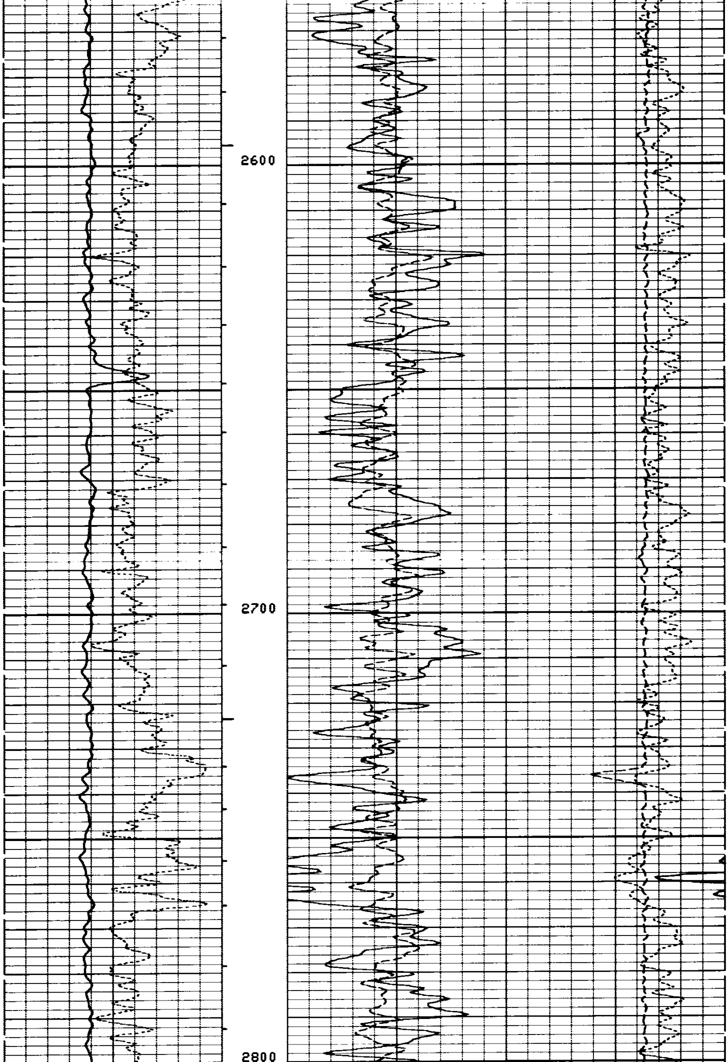


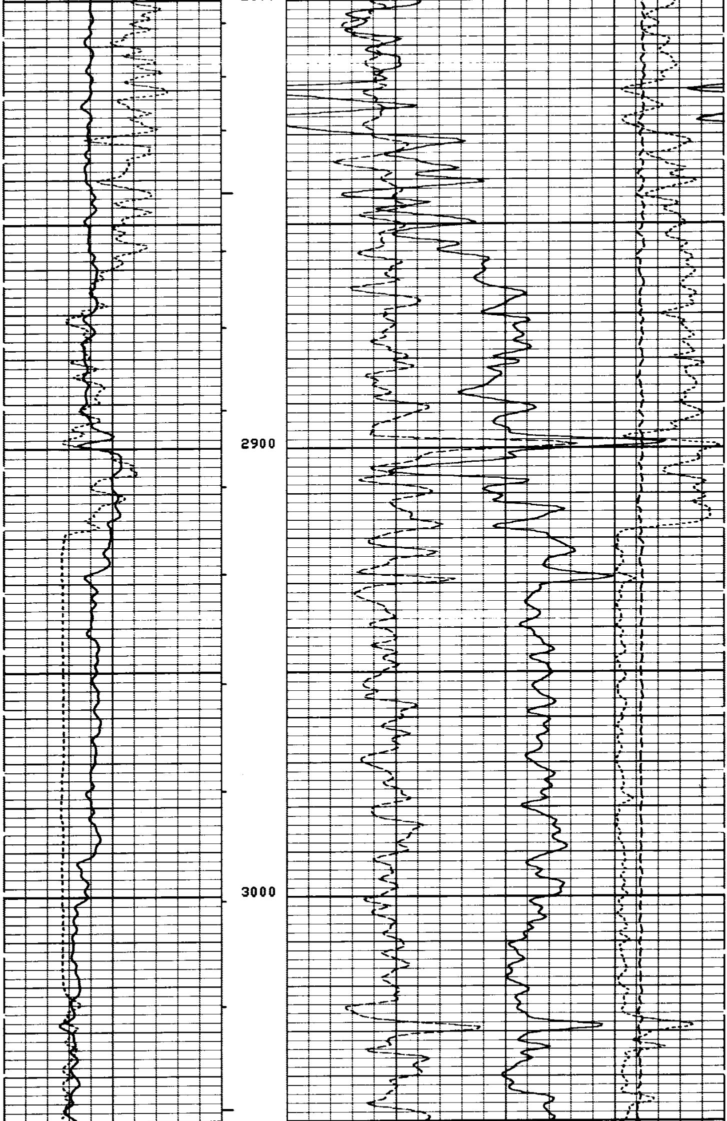


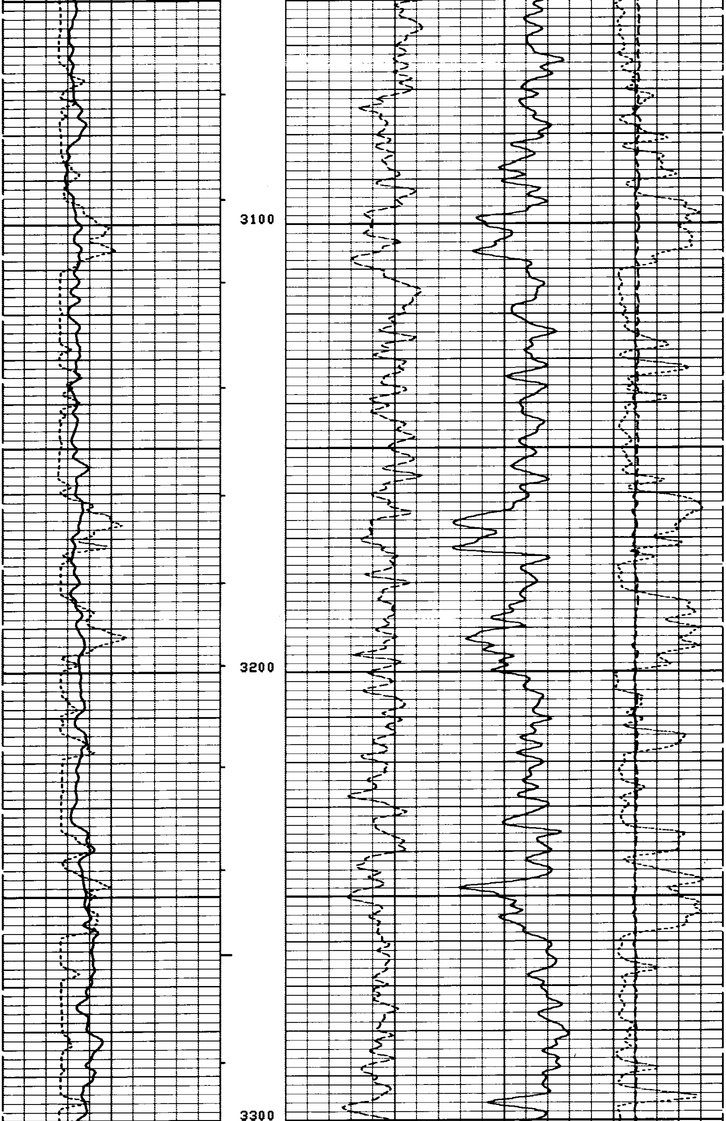


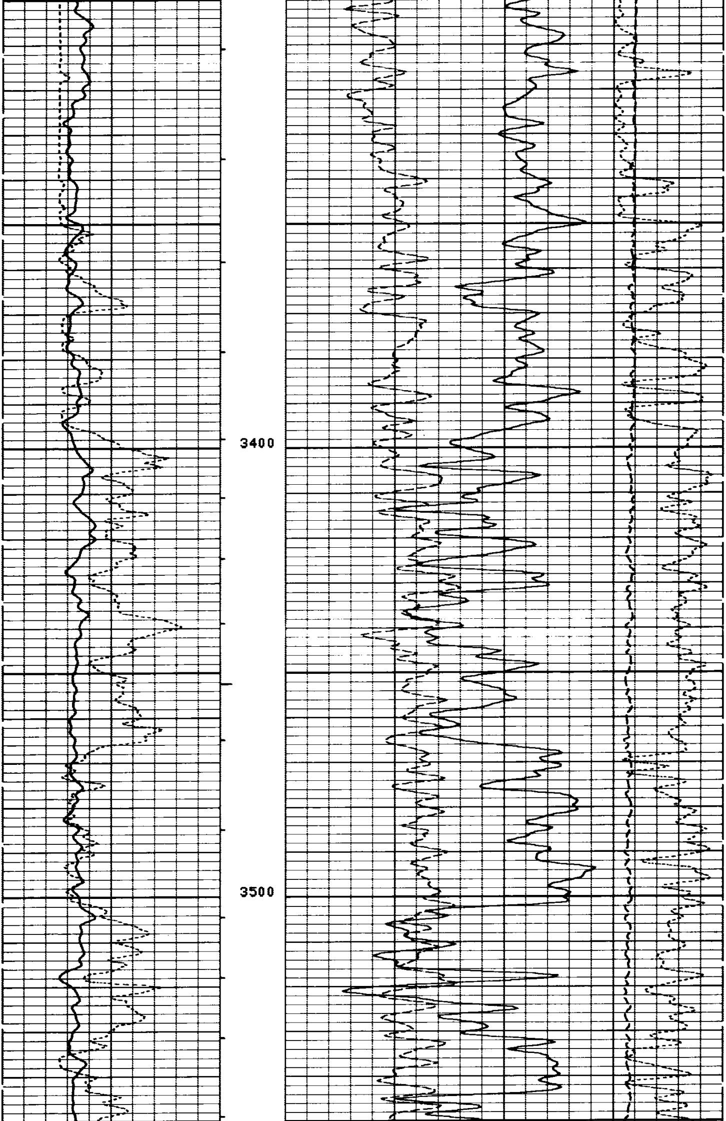


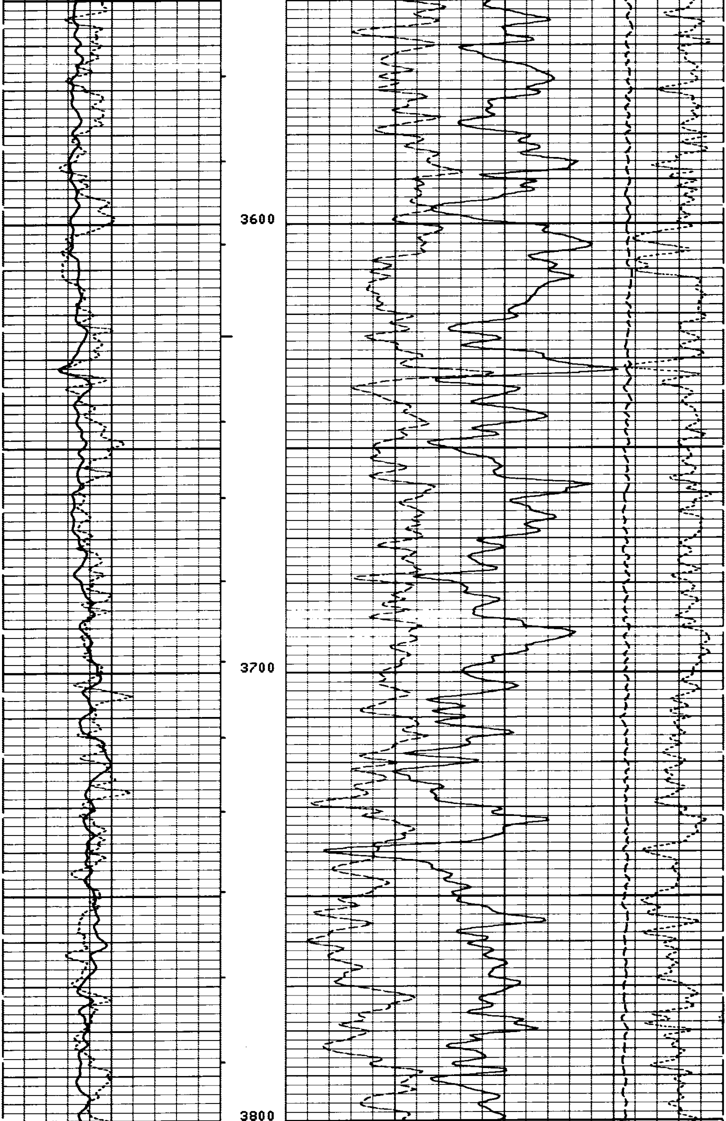












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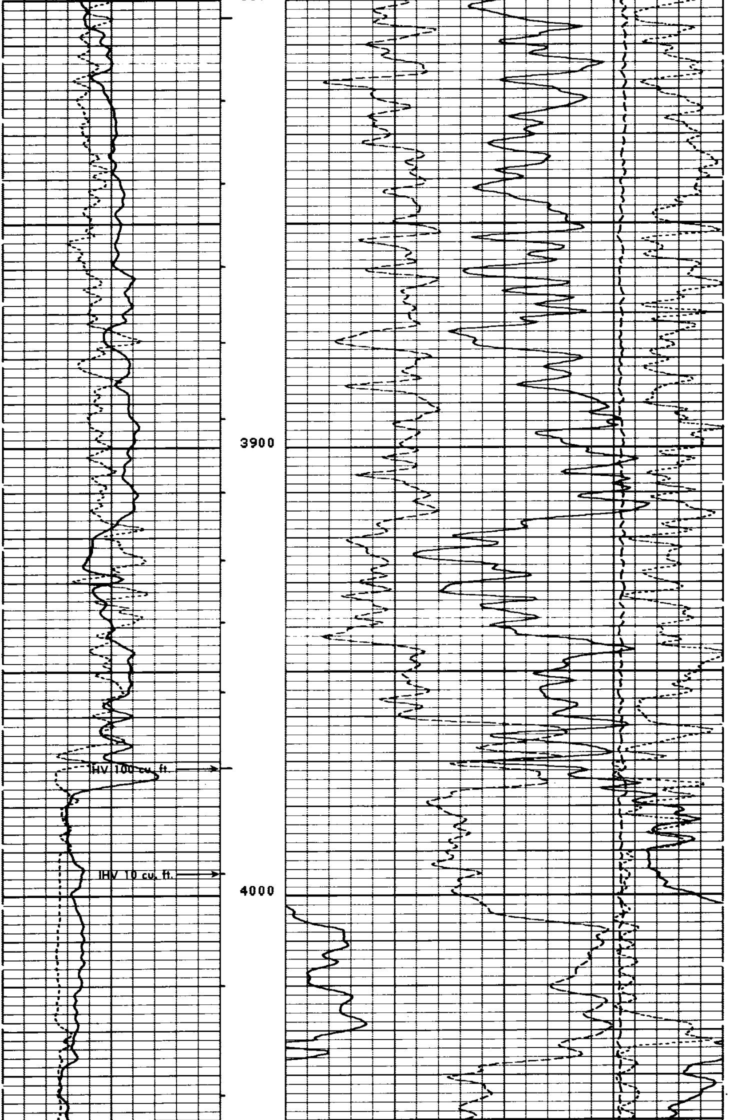
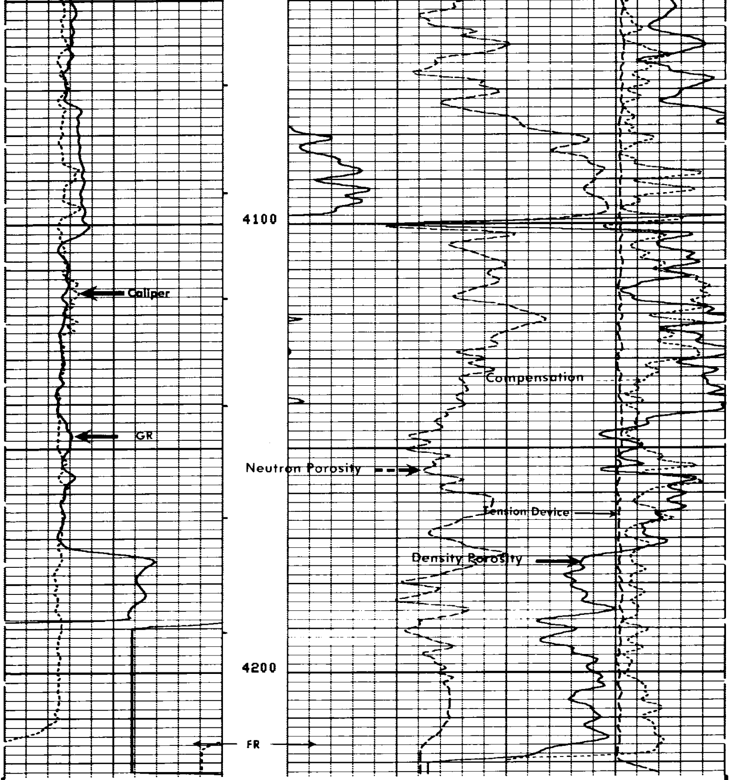




FILE

3

SGR (GAPI)	0.0	150.00
CALI(IN)	6.0000	16.000
DPHI( )	0.6000	0.0
NPHI( )	0.6000	0.0
TENS(LB)	5000.0	0.0
DRHO(G/C3)	-0.250	0.2500

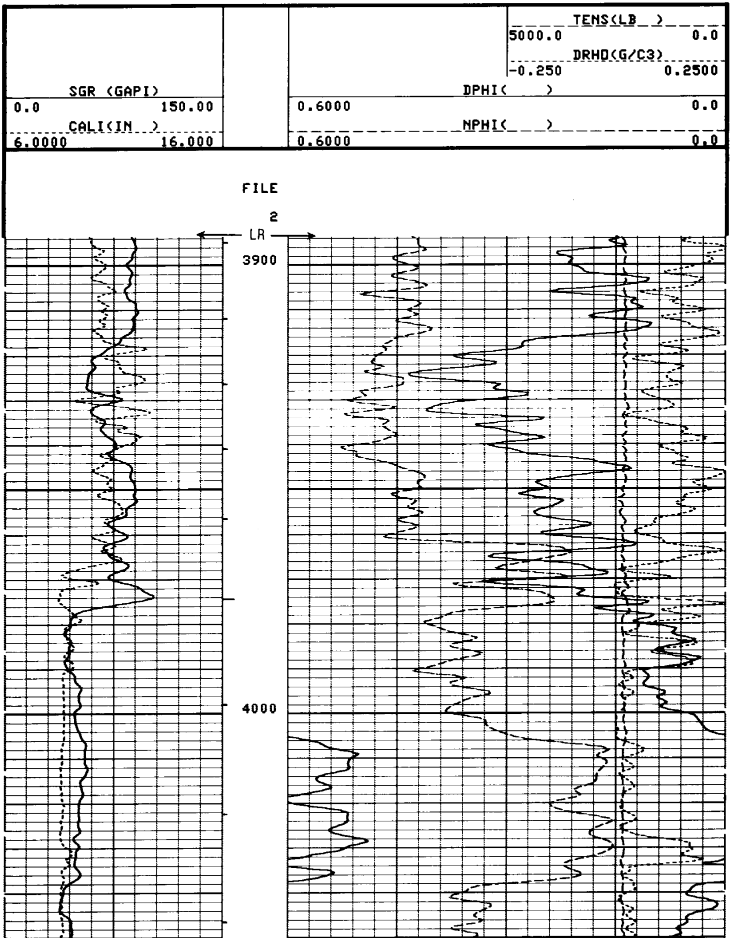
SENSOR MEASURE POINT TO TENSION REFERENCE POINT

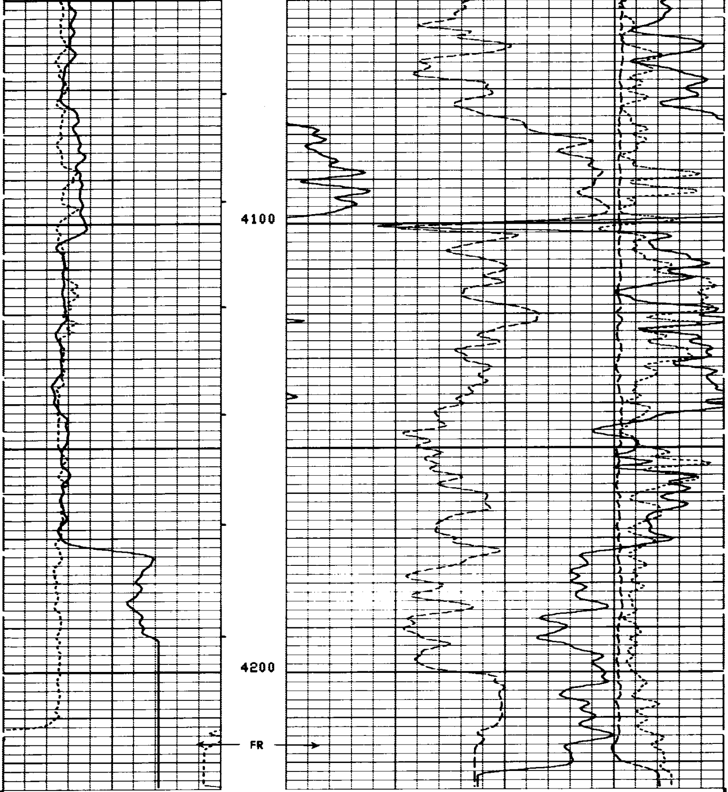
FCNL	18.8	FEET	NCNL	18.8	FEET
NFDC	2.8	FEET	FFDC	2.8	FEET
TENS	.0	FEET	CALI	2.8	FEET
W4NG	32.5	FEET	W5NG	32.5	FEET
W2NG	32.5	FEET	W3NG	32.5	FEET
STAB	32.5	FEET	W1NG	32.5	FEET
NRAT	18.8	FEET	SGR	32.5	FEET

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
PSNR	2.19600		BS	8.75000	IN
MATR	SAND		HC	CALI	
MDEN	2.65000	G/C3	FD	1.00000	G/C3
BHF	WATE		FDCC	ALLO	
DO	0.0	F	BHS	OPEN	

REPEAT SECTION





FILE

2

TENS(LB)
5000.0 0.0
DRHO(G/C3)
-0.250 0.2500

SGR (GAPI)
0.0 150.00
CALI(IN)
6.0000 16.000

DPHI( )
0.6000 0.0
NPHI( )
0.6000 0.0

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

FCNL	18.8	FEET	NCNL	18.8	FEET
NFDC	2.8	FEET	FFDC	2.8	FEET
TENS	.0	FEET	CALI	2.8	FEET
W4NG	32.5	FEET	W5NG	32.5	FEET
W2NG	32.5	FEET	W3NG	32.5	FEET
STAB	32.5	FEET	W1NG	32.5	FEET
NRAT	18.8	FEET	SGR	32.5	FEET

```
                                 PARAMETERS

        NAME  VALUE    UNIT                        NAME  VALUE    UNIT

        PSNR 2.19600                               BS    8.75000  IN
        MATR SAND                                  HC    CALI
        MDEN 2.65000   G/C3                        FD    1.00000  G/C3
        BHF  WATE                                  FDCC  ALLO
        DO   0.0       F                           BHS   OPEN
```

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                  AFTER SURVEY TOOL CHECK SUMMARY


     PERFORMED:     83/06/01
     PROGRAM FILE: ISN    (VERSION    22.4    82/09/01)


   NGTA                        TOOL   CHECK

                    BEFORE       AFTER      UNITS
    SGR              165          167       GAPI
                 MEASURED AFTER SURVEY
                  BKG      JIG       UNITS
   W1NG          77.0     404.7       CPS
   W2NG          27.0     232.2       CPS
   W3NG           9.4      79.0       CPS
   W4NG           3.1      27.8       CPS
   W5NG           3.1       9.7       CPS

   CNTA                        TOOL   CHECK

                           JIG
                    BEFORE       AFTER
    NRAT            2.182        2.157

    POROSITY CHANGE  (LIME): -0.003

   PGTK                        TOOL   CHECK

                           JIG
                    BEFORE       AFTER      UNITS
    FFDC             346          341        CPS
    NFDC             531          537        CPS

    RHOB  CHANGE (WATER):  0.014 G/C3
                          FILE

                             5
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                  BEFORE SURVEY CALIBRATION SUMMARY


     PERFORMED:     83/06/01
     PROGRAM FILE: ISN    (VERSION    22.4    82/09/01)


   NGTA                  DETECTOR CALIBRATION SUMMARY

                  MEASURED
                BKGD     JIG         CALIBRATED          UNITS
    SGR          36      201            165              GAPI
                 MEASURED BEFORE SURVEY
                  BKG      JIG       UNITS
   W1NG          81.0     408.2       CPS
   W2NG          36.4     232.8       CPS
   W3NG          13.2      80.5       CPS
   W4NG           4.8      29.7       CPS
   W5NG           3.9      10.4       CPS

   CNTA                  DETECTOR CALIBRATION SUMMARY
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```
              TANK                             JIG
         INPUT  CALIBRATED            MEASURED   CALIBRATED
  NRAT   2.19600  2.158                2.220       2.182


PGTK                 DETECTOR CALIBRATION SUMMARY

              BLOCK                            JIG
         INPUT  CALIBRATED            MEASURED   CALIBRATED      UNITS
  FFDC    454      337                  467         346          CPS
  NFDC    802      528                  808         531          CPS


PGTK                 CALIPER CALIBRATION SUMMARY

            MEASURED                          CALIBRATED
         SMALL   LARGE                   SMALL       LARGE       UNITS
  CALI    10.0    13.1                     8.0        12.0        IN
                     FILE

                        3

              SHOP SUMMARY


  PERFORMED:      83/05/29
  PROGRAM FILE: SHOP   (VERSION    22.2    82/06/08)


CNTA                 DETECTOR CALIBRATION SUMMARY

             TANK                           JIG
       MEASURED  CALIBRATED      MEASURED   CALIBRATED

  NRAT    2.196       2.158          2.207        2.168

                     (CNC:1420, CNB:1446)
                      FILE

                        2

              SHOP SUMMARY


  PERFORMED:      83/05/08
  PROGRAM FILE: SHOP   (VERSION    22.2    82/06/08)


PGTK                 DETECTOR CALIBRATION SUMMARY

            BLOCK                            JIG
       MEASURED   CALIBRATED     MEASURED   CALIBRATED     UNITS

  FFDC   454         337            459         340         CPS
  NFDC   802         528            810         533         CPS

         (PGS:599 , PDH:1101, GSR:6487, SFT :443 )
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CALIBRATION RECORD

COMPANY DIAMOND SHAMROCK CORPORATION

WELL CLATSOP COUNTY NO. 33-11

FIELD WEST MIST

COUNTY CLATSOP STATE OREGON

SCHL. FR 4216

SCHL. TD 4219

DRLR. TD 4223

Elev: KB 940

DF - -

GL 928