Schlumberger

UNCOMPENSATED FORMATION DENSITY BEFORE CEMENTATION

COUNTY
FIELD
LOCATION
WELL
COMPANY

COMPANY E.G & G.

WELL INEL # 1

FIELD WILDCAT

COUNTY BUTTE STATE IDAHO

LOCATION			
API SERIAL NO.	SEC.	TWP	RANGE
	1	3N	29E

Other Services:
NONE

Permanent Datum: GL ; Elev.: 4874.86
Log Measured From GL , 0 Ft. Above Perm. Datum
Drilling Measured From GL

Elev.: K.B. 4895
D.F. –
G.L. 4874.86

Date	3/10/79			
Run No.	TWO			
Depth—Driller	1464			
Depth—Logger (Schl.)	1469			
Btm. Log Interval	1466			
Top Log Interval	17			
Casing—Driller	20" @ 1464	@	@	@
Casing—Logger	1469			
Bit Size	26			
Type Fluid in Hole	WATER			
Dens. | Visc.	* | –			
pH | Fluid Loss	– | – ml	ml	ml	ml
Source of Sample	–			
Rm @ Meas. Temp.	– @ – °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	– @ – °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	– @ – °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	– | –			
Rm @ BHT	– @ – °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	1300 3/9			
TIME Logger on Bottom	0200			
Max. Rec. Temp.	60 °F	°F	°F	°F
Equip. | Location	8073 | EVSTN			
Recorded By	BRADLEY			
Witnessed By Mr.	NEWMAN			

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

Run No.	TWO			
Service Order No.	74045			
API Serial No.	--			
Fluid Level	FULL			

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

EQUIPMENT DATA

SGC-JC	2055
FGC-J	104
PGS-HB	82
SFT 136	25
GSR-J	5308
NLM-BB	284

REMARKS:

20" 94# & 133# CASING

CALIBRATION DATA

Speed - F.P.M.		
GR	BKG. API	51
	Source API	217
	Tc	AUTO
BEFORE	FFDC	417
	NFDC	694
AFTER	FFDC	413
	NFDC	693

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 wilful 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 Clause 4 of our General Terms and Conditions as set out in our [illegible]

```
____CALI(IN )____
15.00        25.00
     GR  (GAPI)
0.0          150.0
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        RHOB(G/C3)
2.000                 3.000
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16
16
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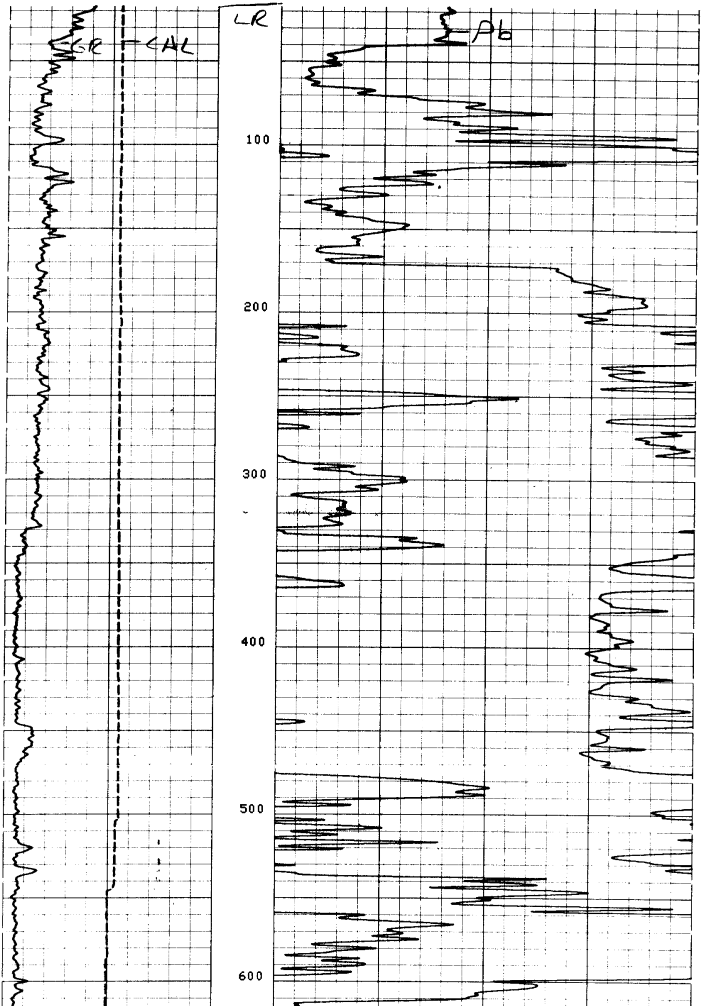

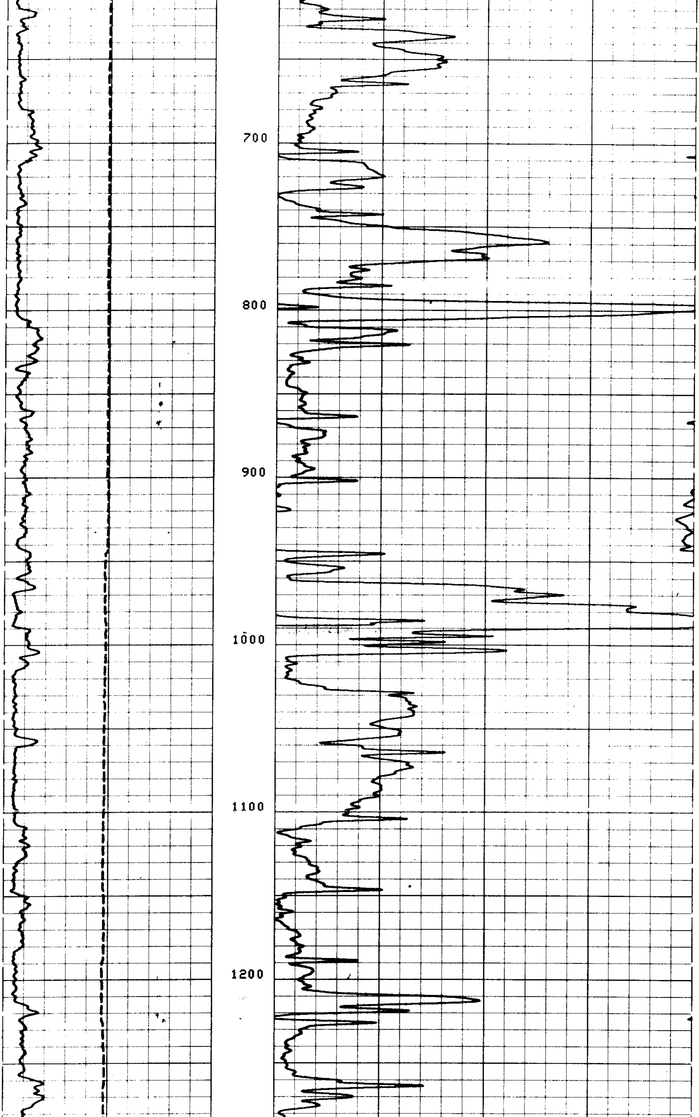

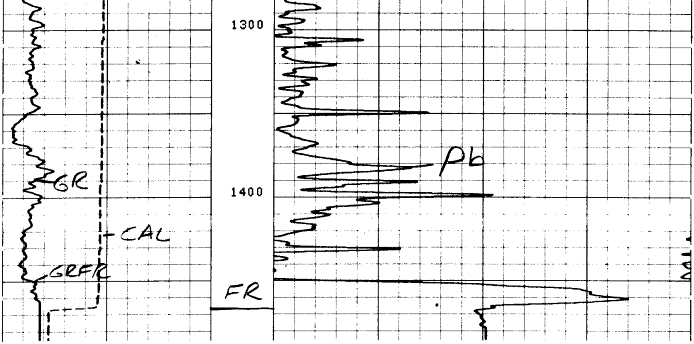

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CALI(IN)
15.00 25.00
GR (GAPI)
0.0 150.0

RHOB(G/C3)
2.000 3.000

11
11
11

CALI(IN)
15.00 25.00
GR (GAPI)
0.0 150.0

RHOB(G/C3)
2.000 3.000

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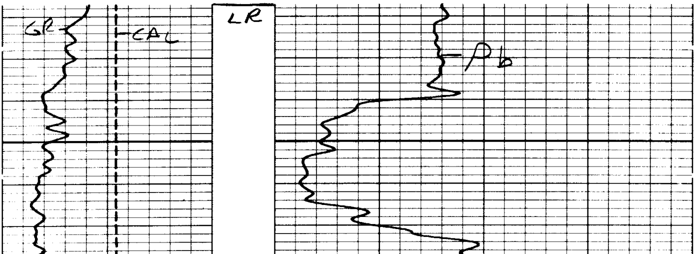

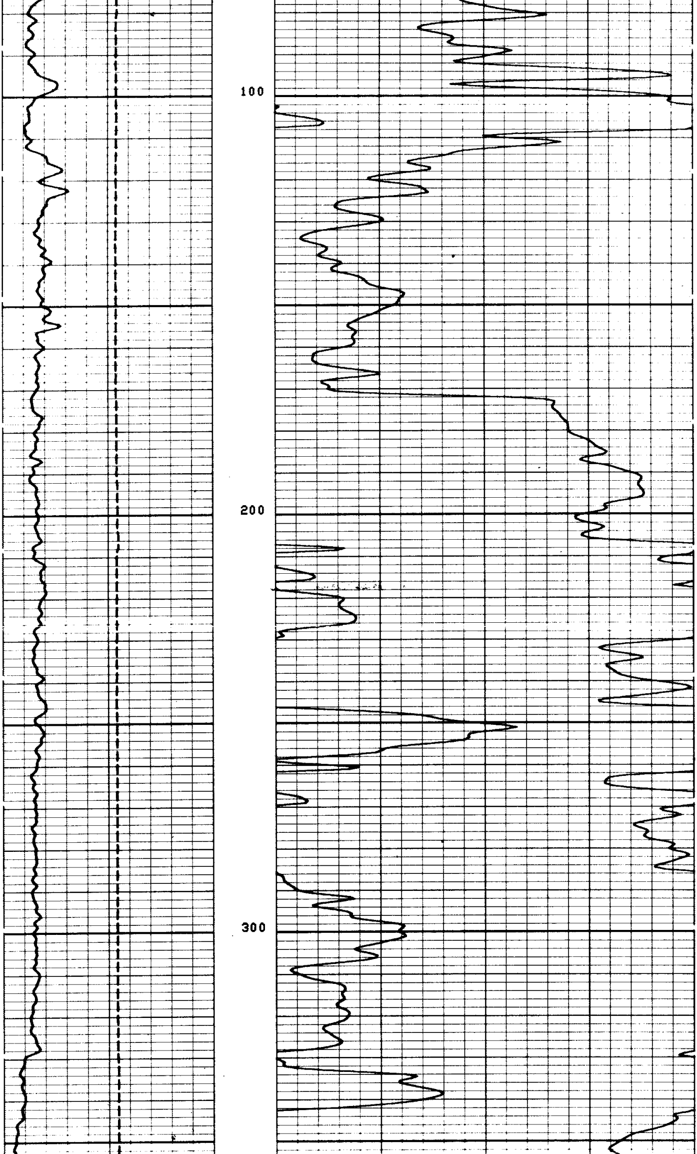

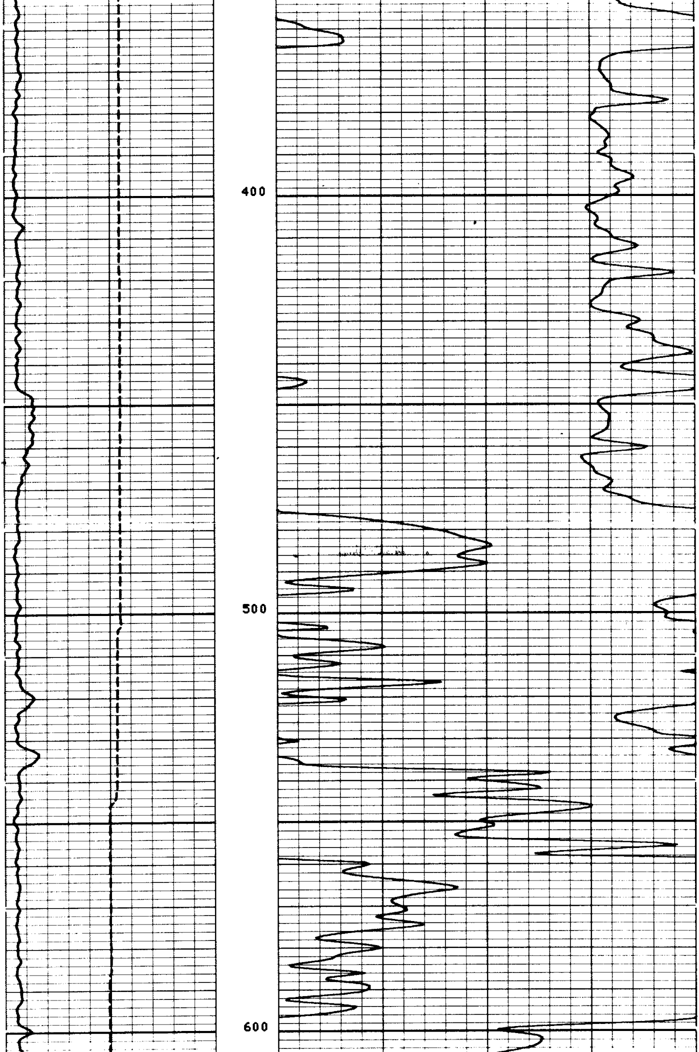

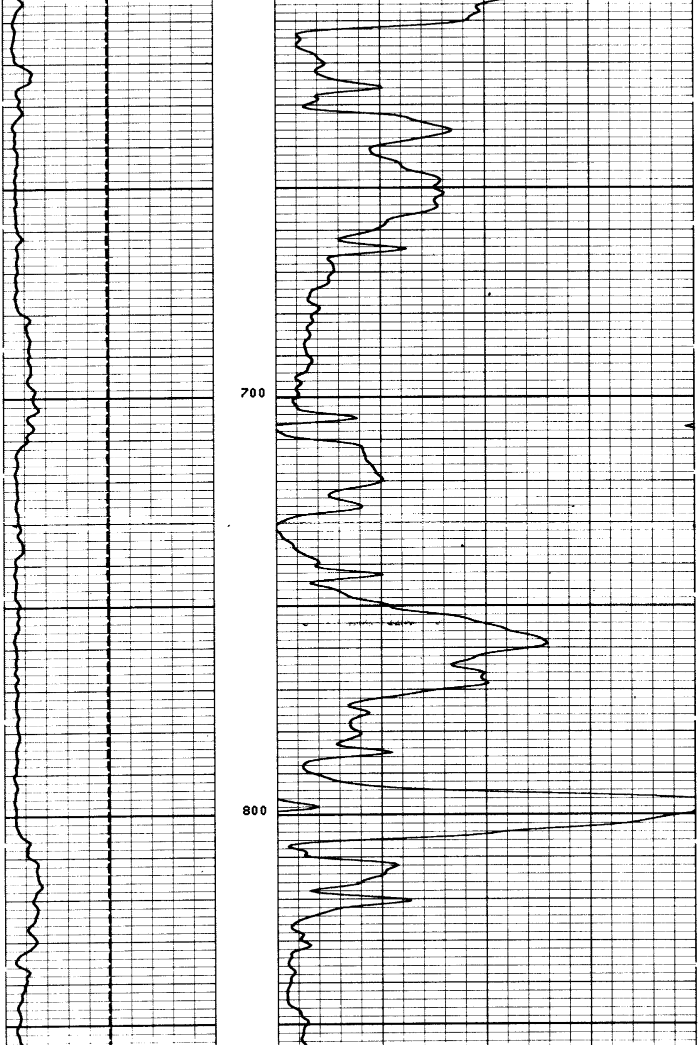

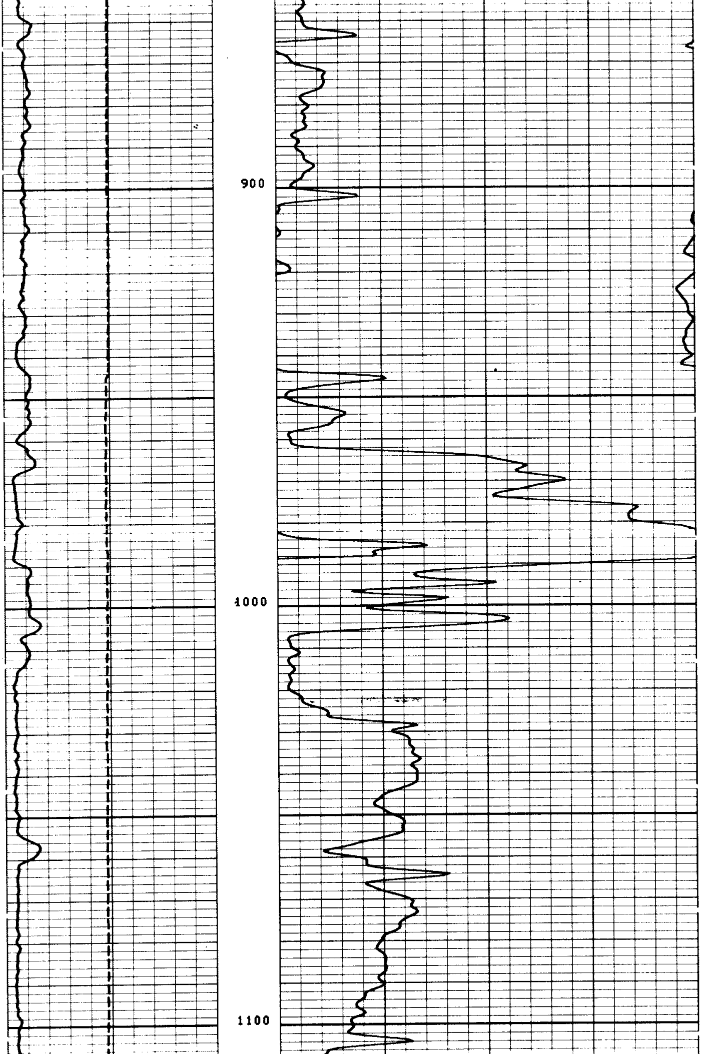

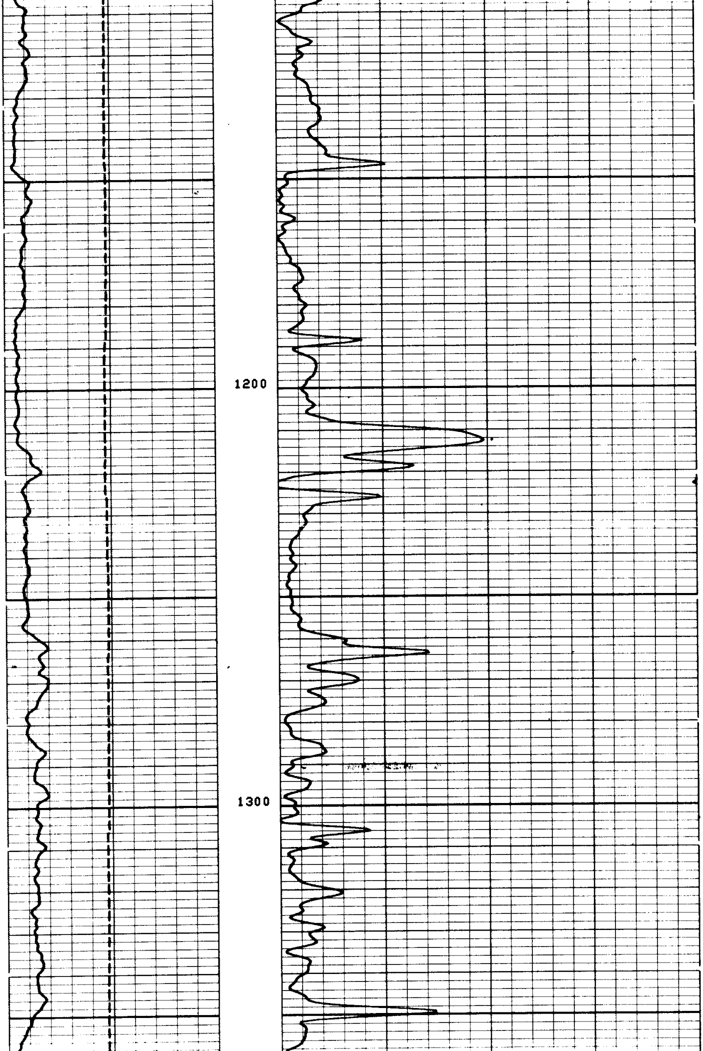

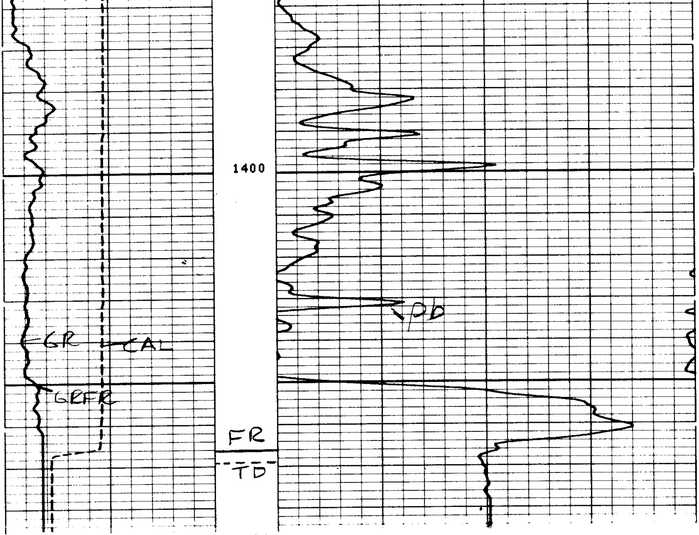

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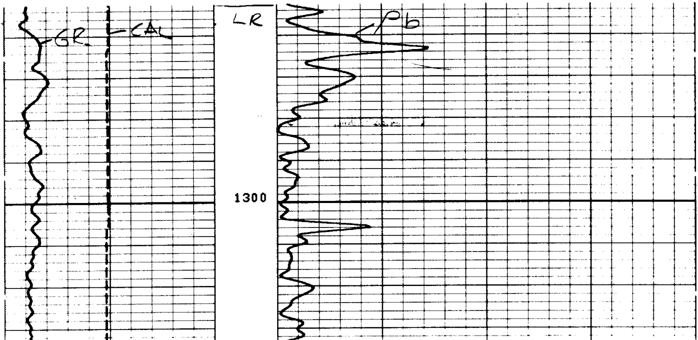
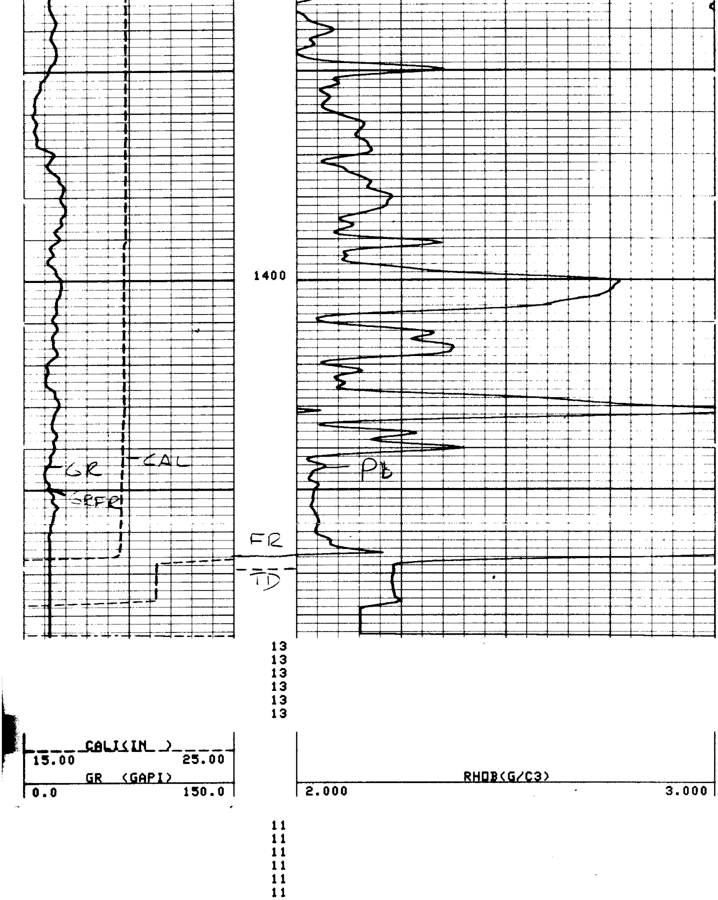
REPEAT SECTION





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                BEFORE SURVEY CALIBRATION SUMMARY


    PERFORMED:       79/03/10
    PROGRAM FILE:    NUC      (VERSION     12.4A    78/12/ 8)


  SGTE                   DETECTOR CALIBRATION SUMMARY

               MEASURED
             BKGD      JIG          CALIBRATED          UNITS
     GR       50       217             164              GAPI


  PGTK                   DETECTOR CALIBRATION SUMMARY
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```
                 BLOCK                               JIG
               CALIBRATED         MEASURED       CALIBRATED     UNITS
    FFDC           0                 415             336          CPS
    NFDC           0                 690             527          CPS


PGTK                 CALIPER CALIBRATION SUMMARY

               MEASURED                          CALIBRATED
             SMALL    LARGE                    SMALL      LARGE        UNITS
    CALI     10.3     15.3                     12.0       20.0          IN

                         11
                         11
                         11
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                         11

                 AFTER SURVEY TOOL CHECK SUMMARY


    PERFORMED:      79/03/10
    PROGRAM FILE:   NUC     (VERSION    12.4A    78/12/ 8)

PGTK                     TOOL  CHECK

                        JIG
                 BEFORE       AFTER      UNITS
    FFDC           336          334        CPS
    NFDC           527          529        CPS

                         10
                         10
                         10
                         10
                      [illegible]
                      [illegible]
                      [illegible]

                     SHOP SUMMARY


    PERFORMED:      79/03/02
    PROGRAM FILE:   SHOP    (VERSION    12.4     78/12/ 8)

PGTK                 DETECTOR CALIBRATION SUMMARY

                BLOCK                            JIG
          MEASURED    CALIBRATED     MEASURED    CALIBRATED      UNITS

    FFDC    396          336            396          337           CPS
    NFDC    694          527            693          527           CPS

                 (PGS:82    , PGC:104    , SFT:25     )

                      16890
                      16890
                      16890
                      16890
                      16890
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