CC 12

APR 23 1980

Schlumberger

DUAL INDUCTION-SFL

COUNTY COLUMBIA
FIELD MIST-NEHALEM BASIN
LOCATION 14-6N-5W
WELL COLUMBIA COUNTY #12
REDRILL NO. 1
COMPANY REICHHOLD ENERGY

COMPANY REICHHOLD ENERGY CORPORATION

WELL COLUMBIA COUNTY NO. 12 REDRILL NO. 1

FIELD MIST-NEHALEM BASIN

COUNTY COLUMBIA **STATE** OREGON

LOCATION 39'SOUTH & 209'EAST OF THE NORTHWEST CORNER OF:

API SERIAL NO.	SEC.	TWP	RANGE
	14	6N	5W

Other Services:
HDT
CYBERDIP

Permanent Datum: GL ; Elev.: 797.65
Log Measured From KB 10.8 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 808.45
D.F. --
G.L. 797.65

Date	3-12-80			
Run No.	One			
Depth—Driller	3364			
Depth—Logger (Schl.)	3365			
Btm. Log Interval	3359			
Top Log Interval	398			
Casing—Driller	7" @ 399	@	@	@
Casing—Logger	398			
Bit Size	6¾"			
Type Fluid in Hole	LIGNOSULFONATE			
Dens. | Visc.	81 | 47	|	|	|
pH | Fluid Loss	10.5 | 5 ml	| ml	| ml	| ml
Source of Sample	CIRCULATION			
Rm @ Meas. Temp.	1.38 @ 61 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	1.34 @ 40 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	2.10 @ 40 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | M	|	|	|
Rm @ BHT	0.82 @ 92 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	1000			
TIME Logger on Bottom	1230			
Max. Rec. Temp.	92 °F	°F	°F	°F
Equip. | Location	8126 | SAC	|	|	|
Recorded By	FINNELL			
Witnessed By Mr.	BRUER			

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

Run No.	One			
Service Order No.	123951			
Fluid Level	FULL			
Speed F.P.M.	150			
Salinity ppm. cl	--			

EQUIPMENT DATA

Panel	232			
Cartridge	26			
Sonde	18			
Memorizer Panel	--			
Centralizer Type	--			
Stand-off - Inches	--			
G.R. Panel	--			

CALIBRATION DATA

SBR	1.0			
ILD Sonde Error	8.65			
ILM Sonde Error	0.33			
S.E. Set In Hole - Depth	--			
S.E. Corr. - Hole Size	--			
G.R. Background	--			
G.R. Source	--			
T.C. - Cal.	--			

LOGGING DATA

SBR	1.0			
ILD Sonde Error Log	8.65			
ILM Sonde Error Log	0.33			
G.R. Scale per 100 Div.	--			
G.R. - T.C. Log	--			

SCALE CHANGES

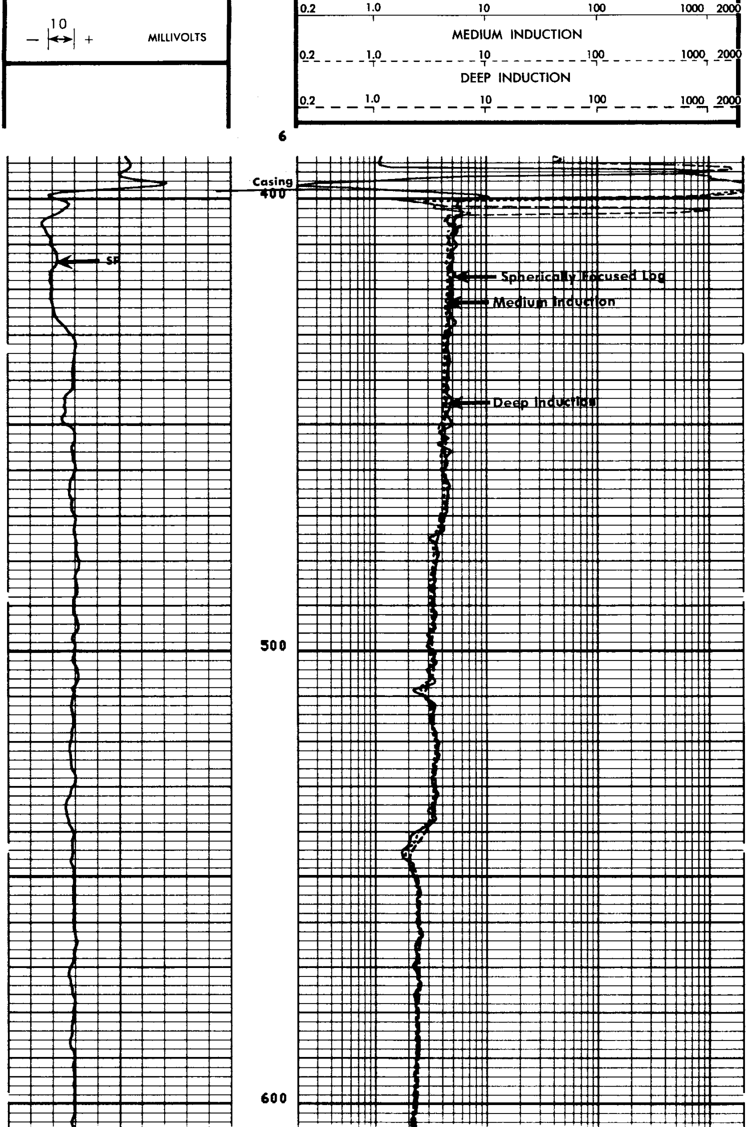
Type Log	DEPTH	Scale Up Hole	Scale Down Hole

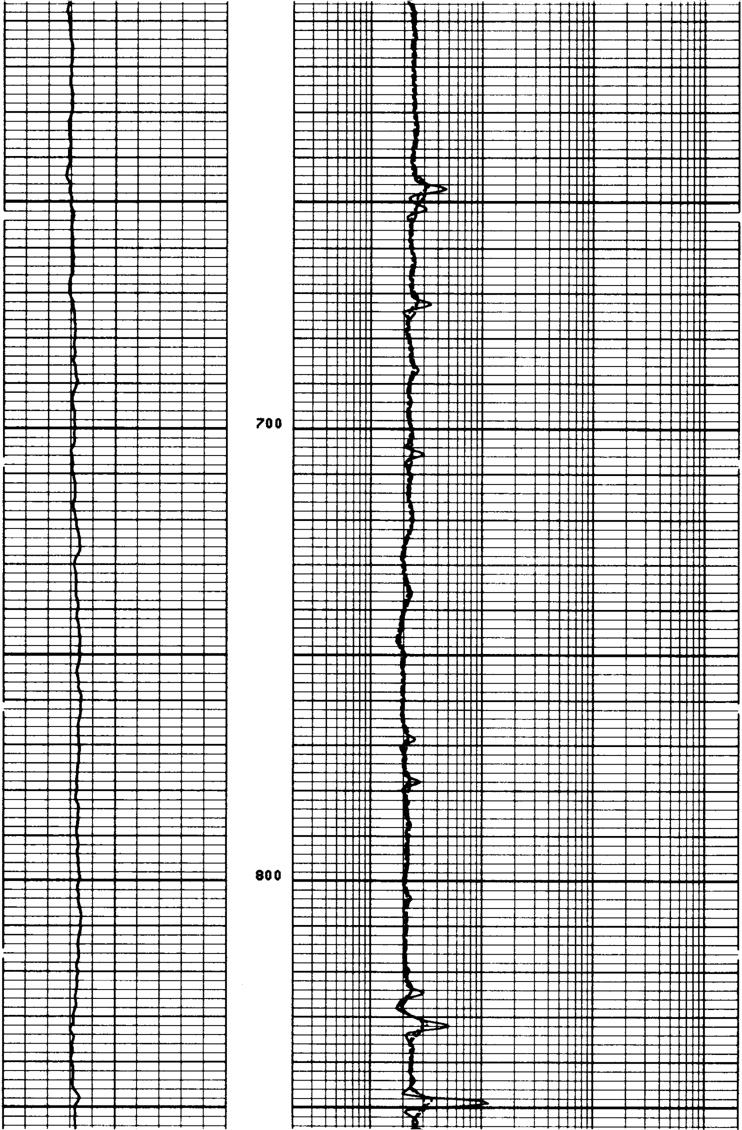
REMARKS

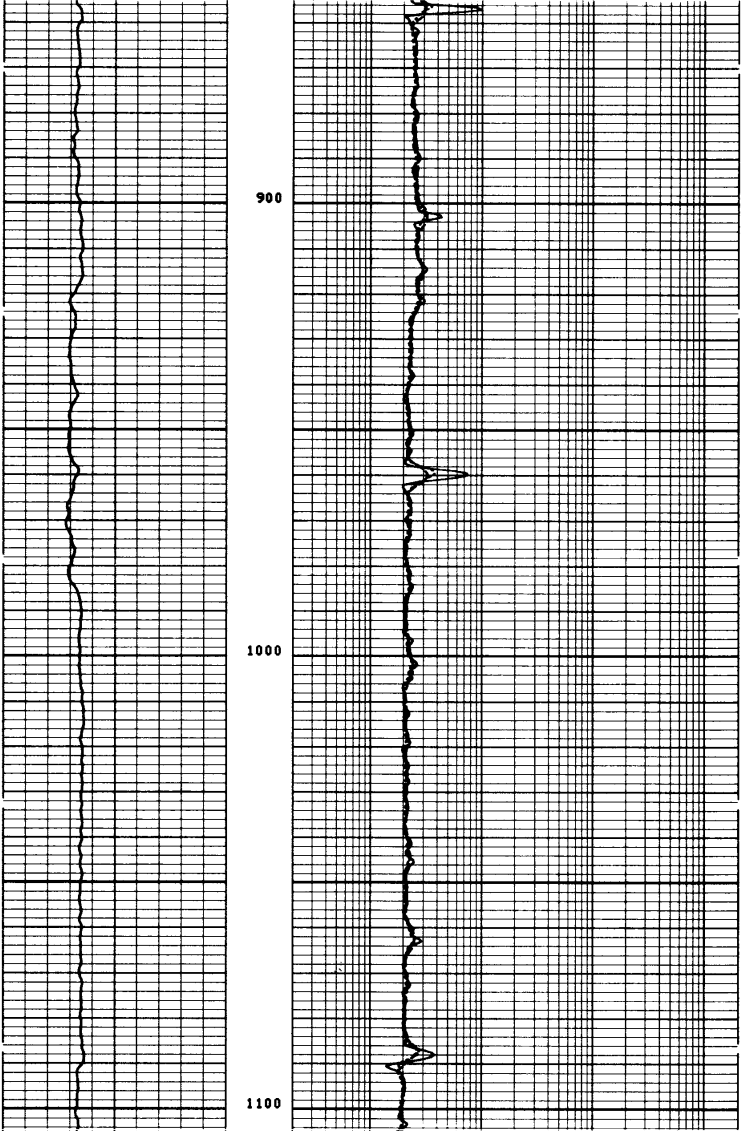
HOLE DEVIATED. REPEAT DONE AT TOP.

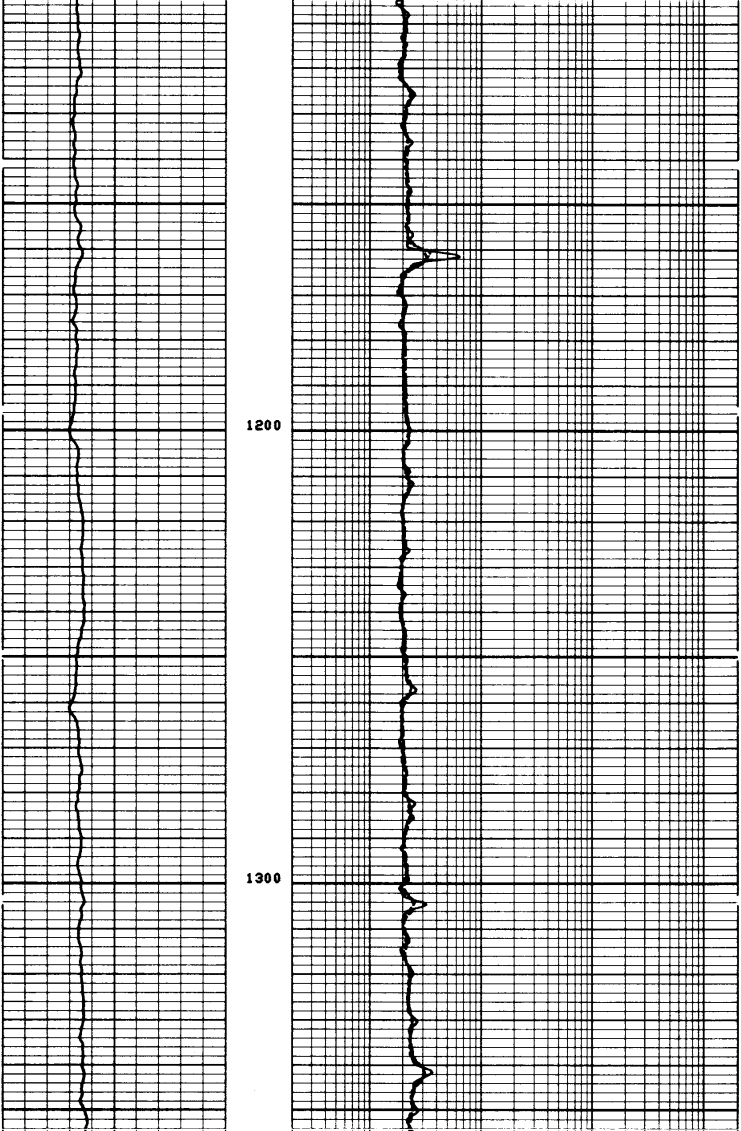
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

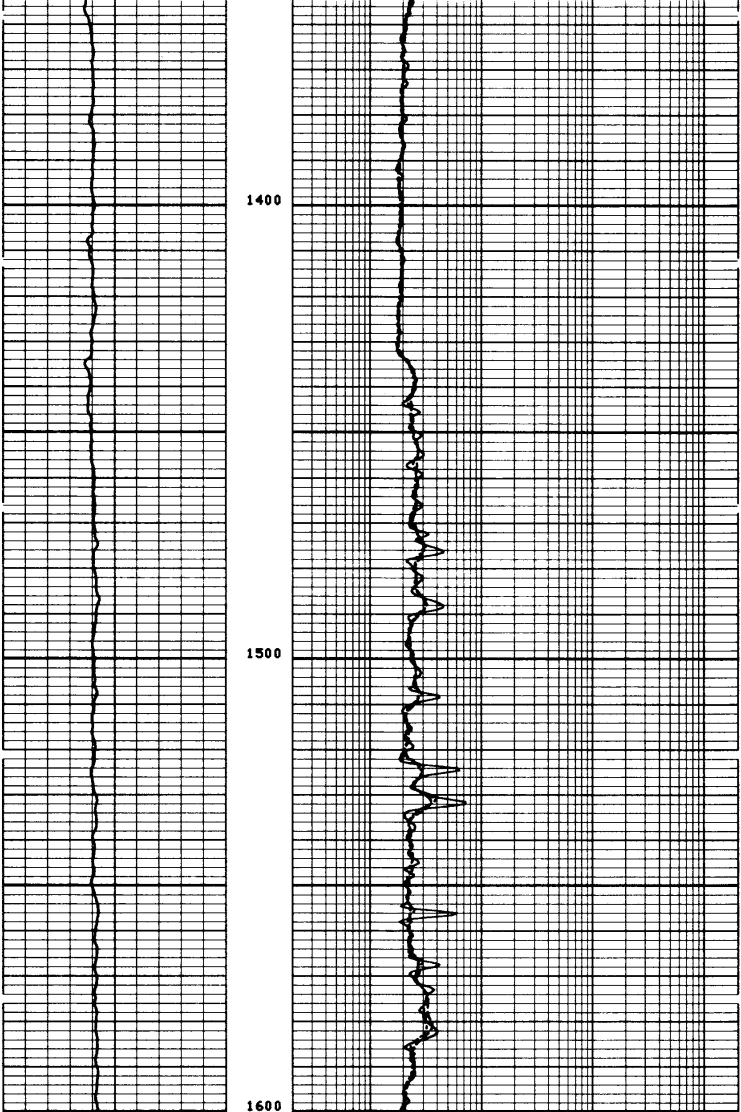
SPONTANEOUS-POTENTIAL		RESISTIVITY OHMS. M²/M SPHERICALLY FOCUSED LOG

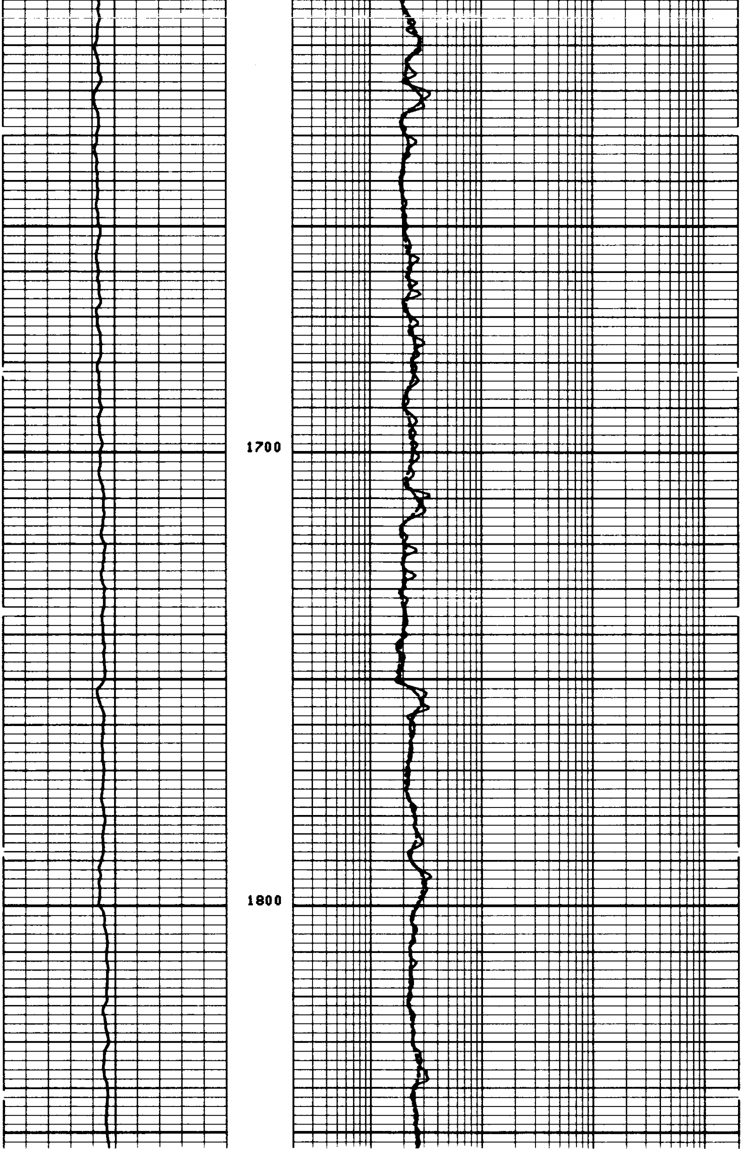


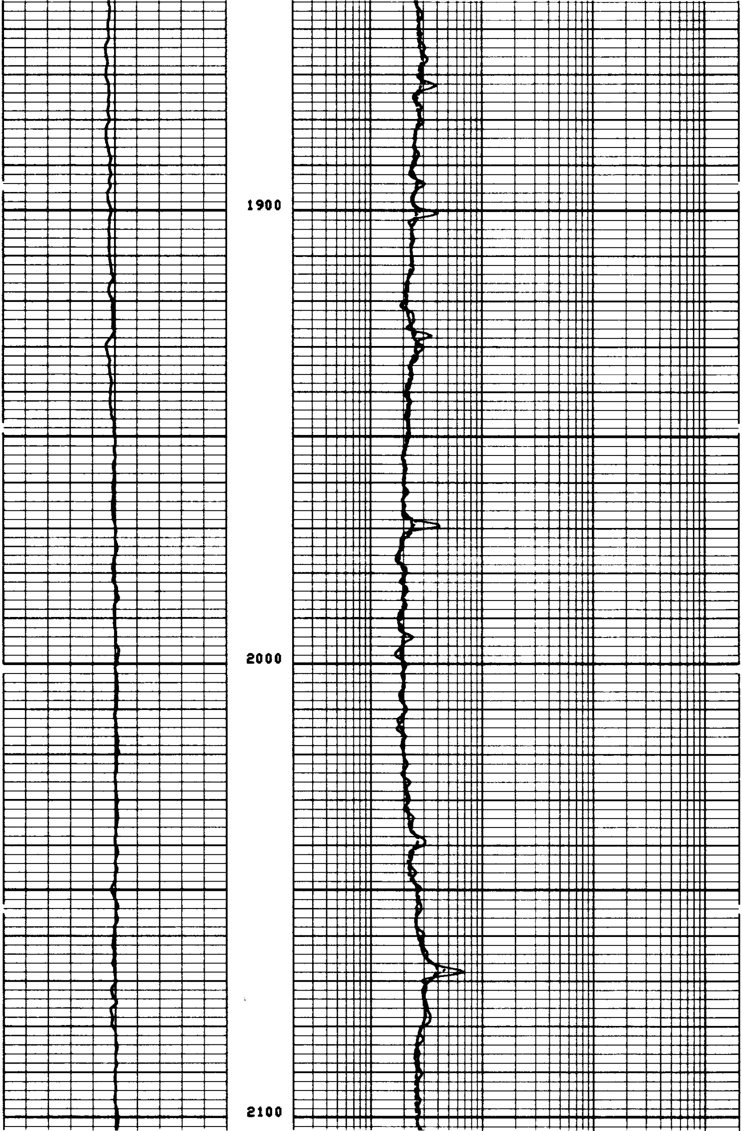


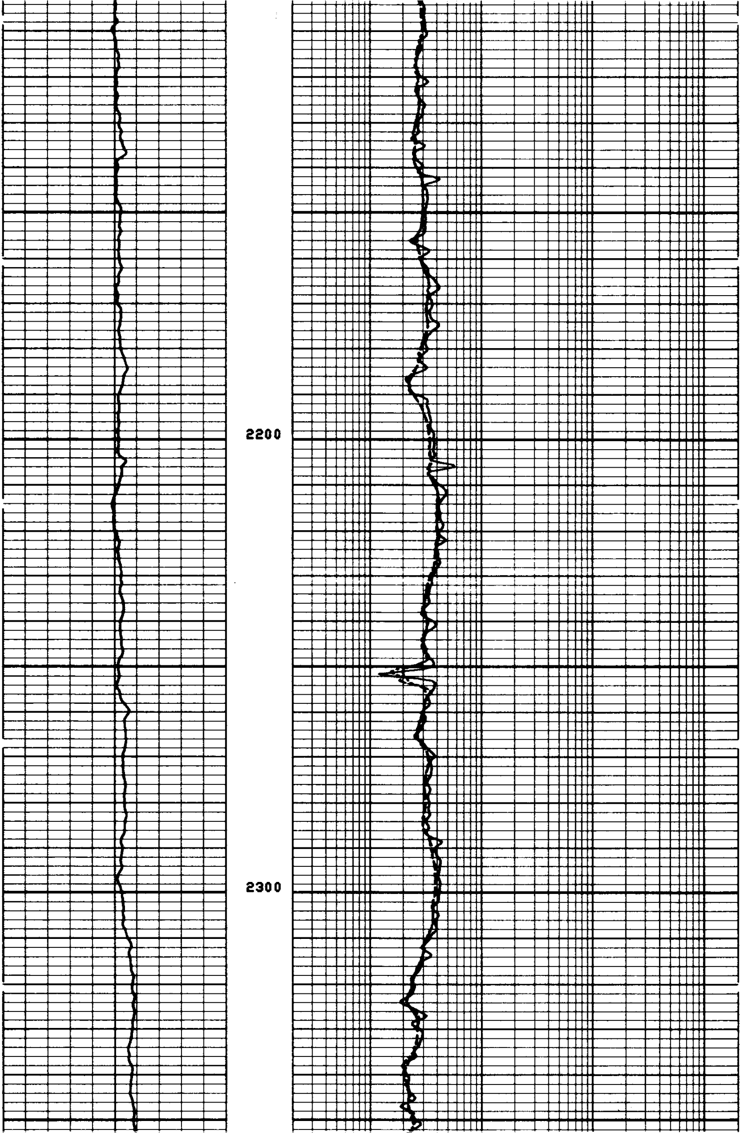


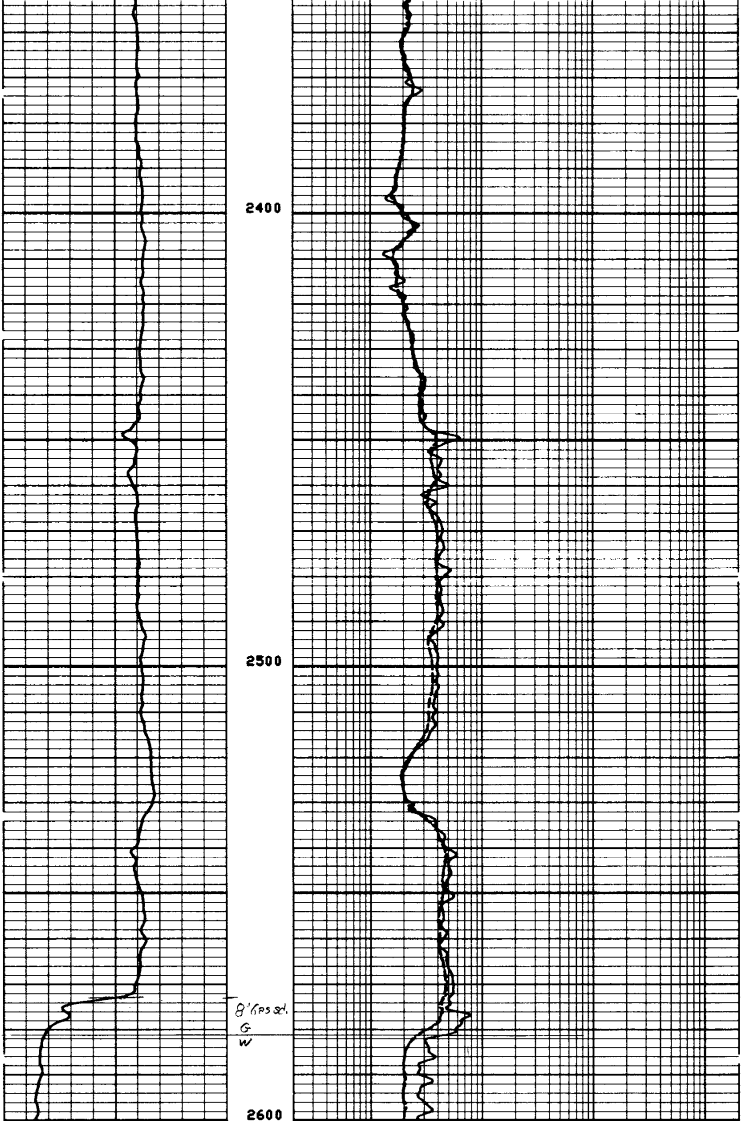


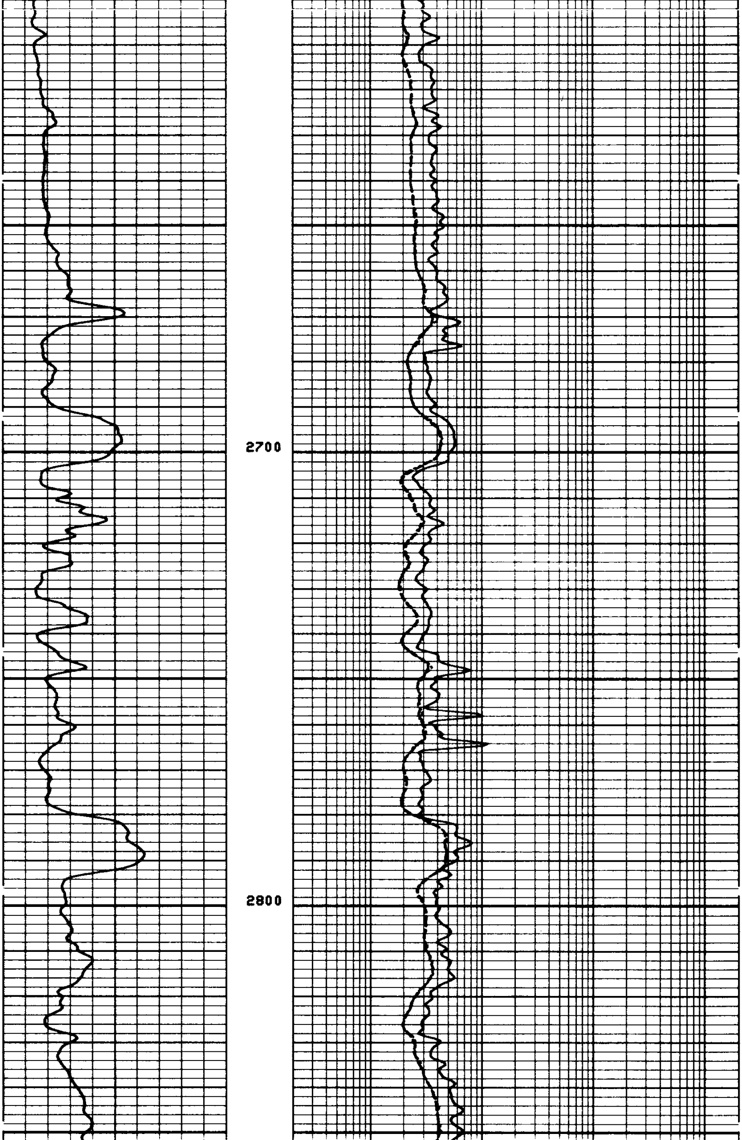


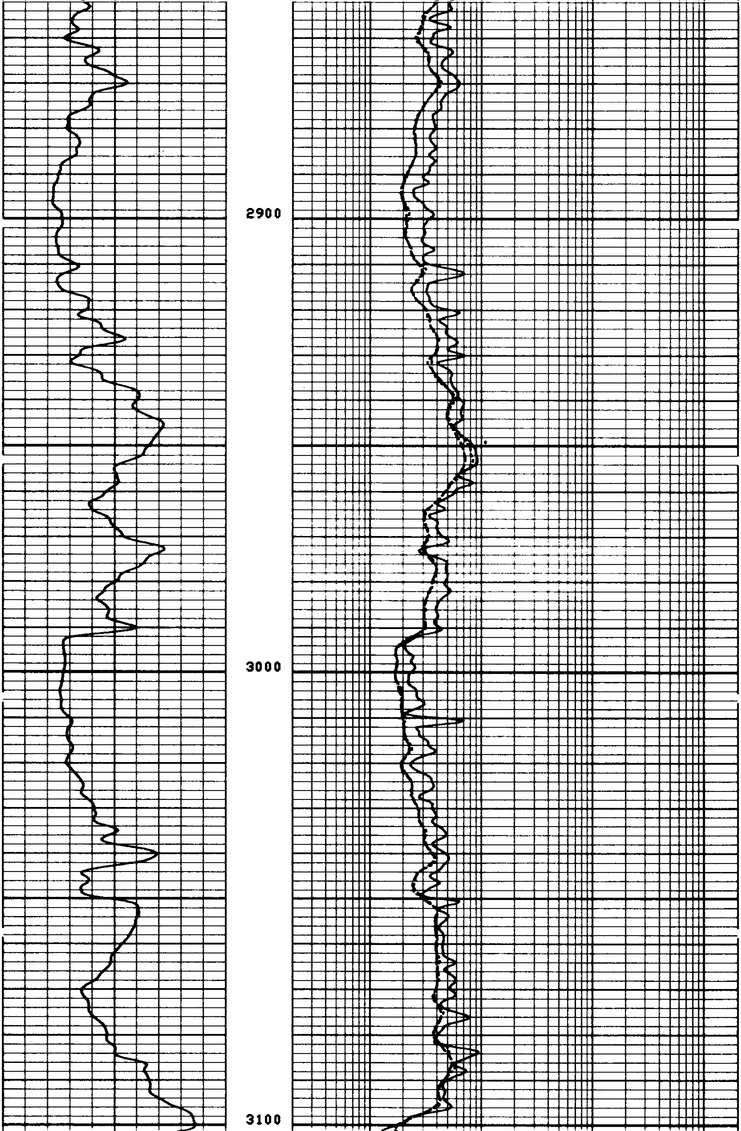


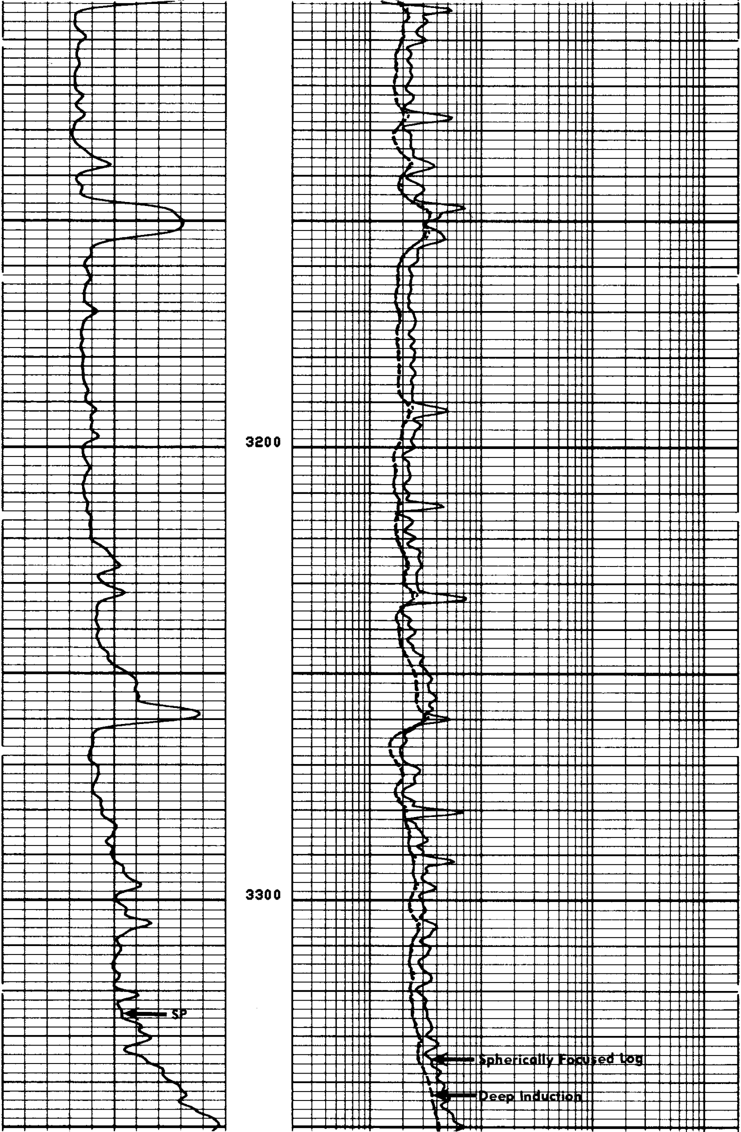


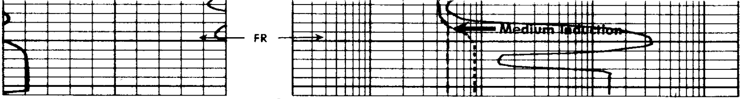












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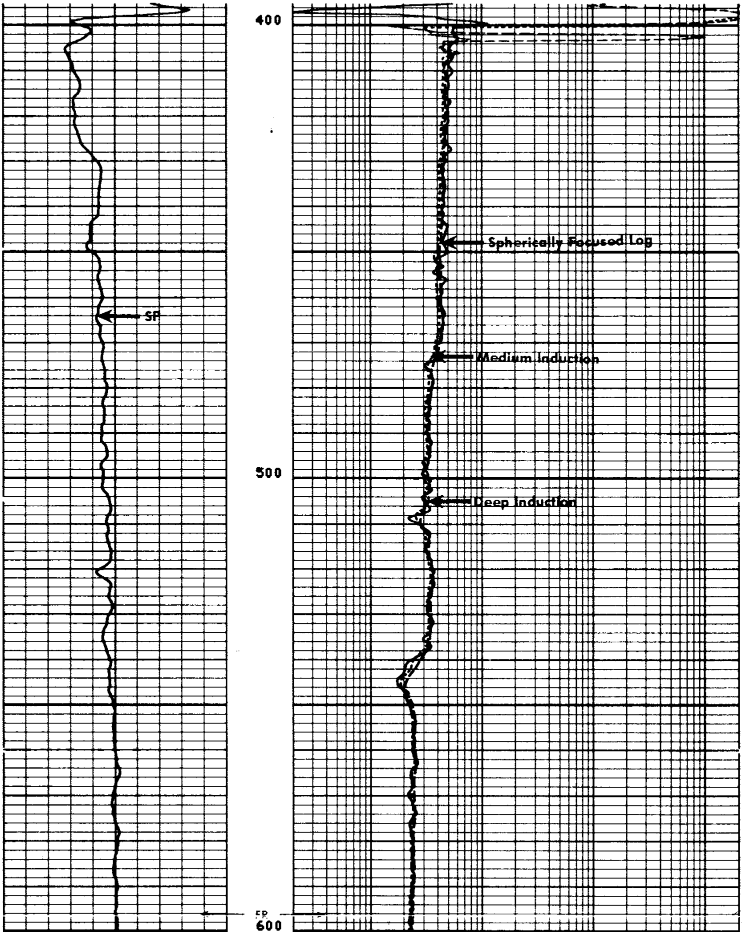
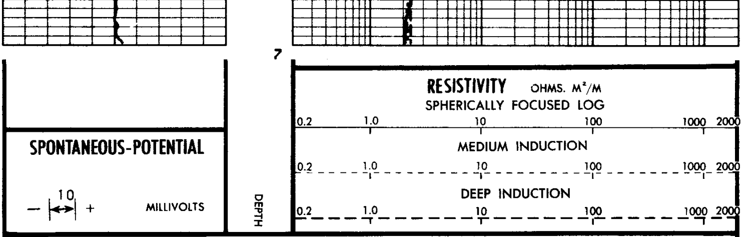
REPEAT SECTION

7





CALIBRATION RECORD

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                         4
                         4

              BEFORE SURVEY CALIBRATION SUMMARY

   PERFORMED:      80/03/14
   PROGRAM FILE:   IS       (VERSION    14.4    79/09/05)

 DITD                  ELECTRONICS CALIBRATION SUMMARY

              MEASURED                      CALIBRATED
            ZERO    PLUS                  ZERO       PLUS          UNITS
    ILD      2.2    570.4                  0.0       499.8          MM/M
    ILM      2.6    561.9                  0.0       499.9          MM/M
    SFL     -2.0    541.0                  0.0       499.9          MM/M

 ILM  SONDE ERROR CORRECTION :          0.3    MM/M
 ILD  SONDE ERROR CORRECTION :          8.6    MM/M
                         4

              AFTER SURVEY TOOL CHECK SUMMARY

   PERFORMED:      80/03/14
   PROGRAM FILE:   IS       (VERSION    14.4    79/09/05)

 DITD                        TOOL  CHECK

                    ZERO                       PLUS
            BEFORE        AFTER          BEFORE       AFTER     UNITS
    ILD       0.0           0.0          499.8        498.5     MM/M
    ILM       0.0           0.1          499.9        512.0     MM/M
    SFL       0.0           0.0          499.9        503.2     MM/M

 ILM  SONDE ERROR CORRECTION :          0.3    MM/M
 ILD  SONDE ERROR CORRECTION :          8.6    MM/M
                         9
                         9

                 SHOP SUMMARY

   PERFORMED:      80/03/10
   PROGRAM FILE:   SHOP   (VERSION    14.4    79/09/05)

 DITD                  ELECTRONICS CALIBRATION SUMMARY

             ELECTRONICS CALIBRATION        SONDE
           MEASURED         CALIBRATED      ERROR      TEST
          ZERO    PLUS     ZERO      PLUS   CORR.      LOOP        UNITS
    ILD    1.8    569.6     0.0     499.8   8.65       574.0       MM/M
    ILM    2.2    563.0     0.0     499.9   0.33       556.8       MM/M

                      (IS:18    , IC:26     )
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CALIBRATION RECORD

COMPANY REICHHOLD ENERGY CORPORATION
WELL COLUMBIA COUNTY NO. 12 REDRILL NO. 1
FIELD MIST-NEHALEM BASIN
COUNTY COLUMBIA STATE OREGON

SCHL. FR 3359
SCHL. TD 3365
DRLR. TD 3364
Elev: KB 808.45
DF --
GL 797.65