Scanned

Schlumberger

DUAL INDUCTION-SFL
WITH LINEAR CORRELATION LOG

COUNTY COOS
FIELD WILDCAT COQUILLE AREA
LOCATION 15-28S 13W
WELL FAT ELK NO. 1
COMPANY NORTHWEST EXPLORATION COMPANY

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WELL FAT ELK NO. 1
FIELD WILDCAT COQUILLE AREA
COUNTY COOS **STATE** OREGON

LOCATION 2586' FROM SOUTH LINE & 882' FROM WEST LINE

API SERIAL NO.	SEC.	TWP	RANGE
	15	28S	13W

Other Services:
BHC
FDC/CNL/GR

Permanent Datum: GL ; Elev.: 688
Log Measured From KB 12 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 700
D.F. -
G.L. 688

RECEIVED-PTLD
SEP 2 1980
DEPT OF GEOLOGY & MINERAL INDUS.

Date	7/26/80			
Run No.	ONE			
Depth—Driller	3117			
Depth—Logger (Schl.)	2296			
Btm. Log Interval	2290			
Top Log Interval	650			
Casing—Driller	9 5/8 @652	@	@	@
Casing—Logger	650			
Bit Size	8 3/4"			
Type Fluid in Hole	LIGNO			
Dens. | Visc.	10.8 | 42			
pH | Fluid Loss	10.2 | 4.0 ml	ml	ml	ml
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	1.67@72 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	1.68@64 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	2.46@64 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | M			
Rm @ BHT	1.4@85 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	1000			
TIME Logger on Bottom	1300			
Max. Rec. Temp.	85 °F	°F	°F	°F
Equip. | Location	8126 | 4408			
Recorded By	ROWE			
Witnessed By	ROBERTSON			

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

Run No.	ONE			
Service Order No.	123888			
Fluid Level	FULL			
Salinity ppm. cl	-			
Speed F.P.M.				
EQUIPMENT DATA				
Panel No.	232			
Cartridge No.	195			
Sonde No.	217			
Mem. Panel No.	CSU			
G.R. Panel No.	418			
G.R. Cart No.	1274			
Tape Recorder - (TTR)	CSU			
Depth Encoder - (DRE)	CSU			
Pressure Wheel - (CPM)	-			
Type Centralizers	MCDB			
Stand Off - Inches	1 1/2"			
CALIBRATION DATA				
SBR	1.0			
Sonde Error - ILM	4.0			
Sonde Error - ILD	4.79			
G.R. BKG. - CPS.	SEE TAILS			
G.R. Source - CPS.				
S.E. Set In Hole - Depth				
S.E. Corr. - Hole Size				
LOGGING DATA				
SBR	1.0			
Sonde Error Log - ILM	4.0			
Sonde Error Log - ILD	4.79			
G.R. Scale per 100 Div.	150			
G.R. - T.C. Log	-			
	°F	°F	°F	°F
	°F	°F	°F	°F
	°F	°F	°F	°F

SCALE CHANGES

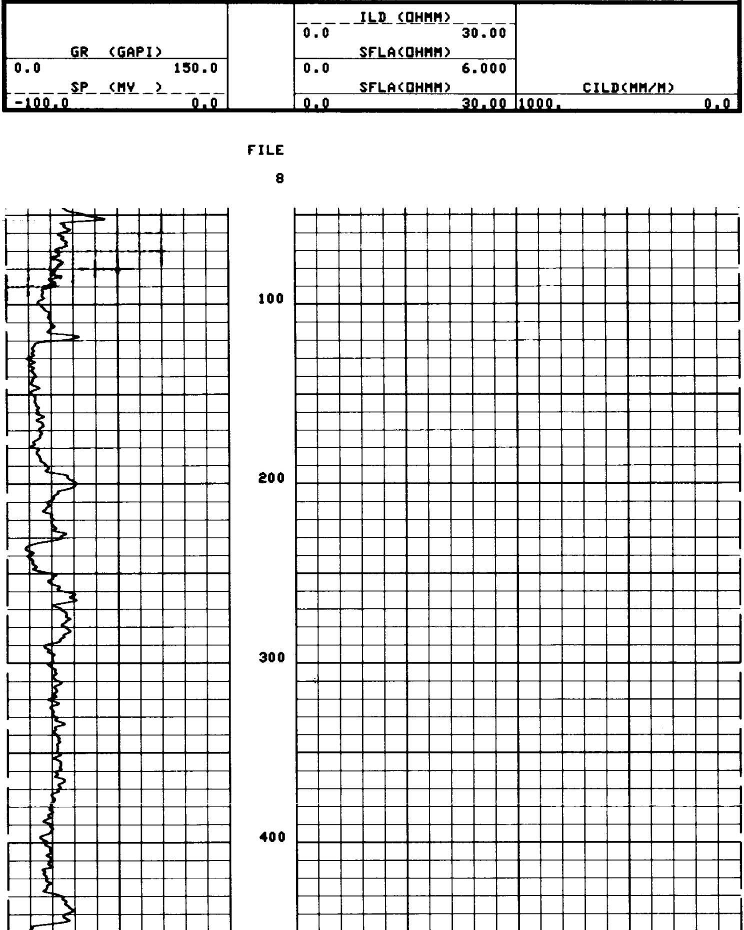
Type Log	Depth	Scale Up Hole	Scale Down Hole

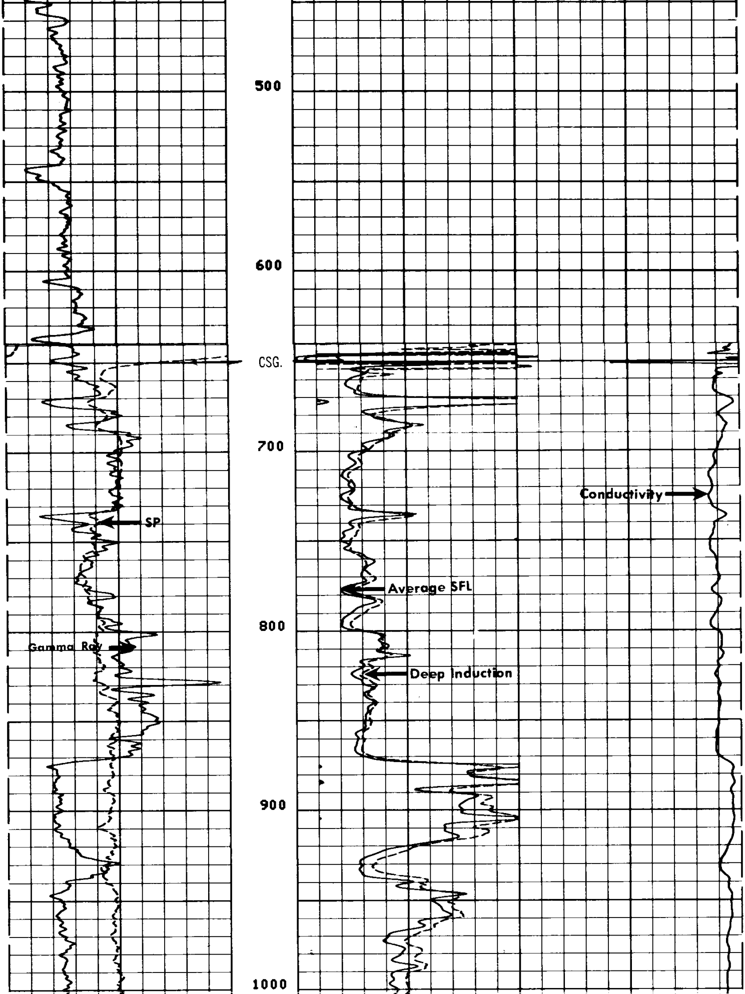
REMARKS
FISH AT 2337

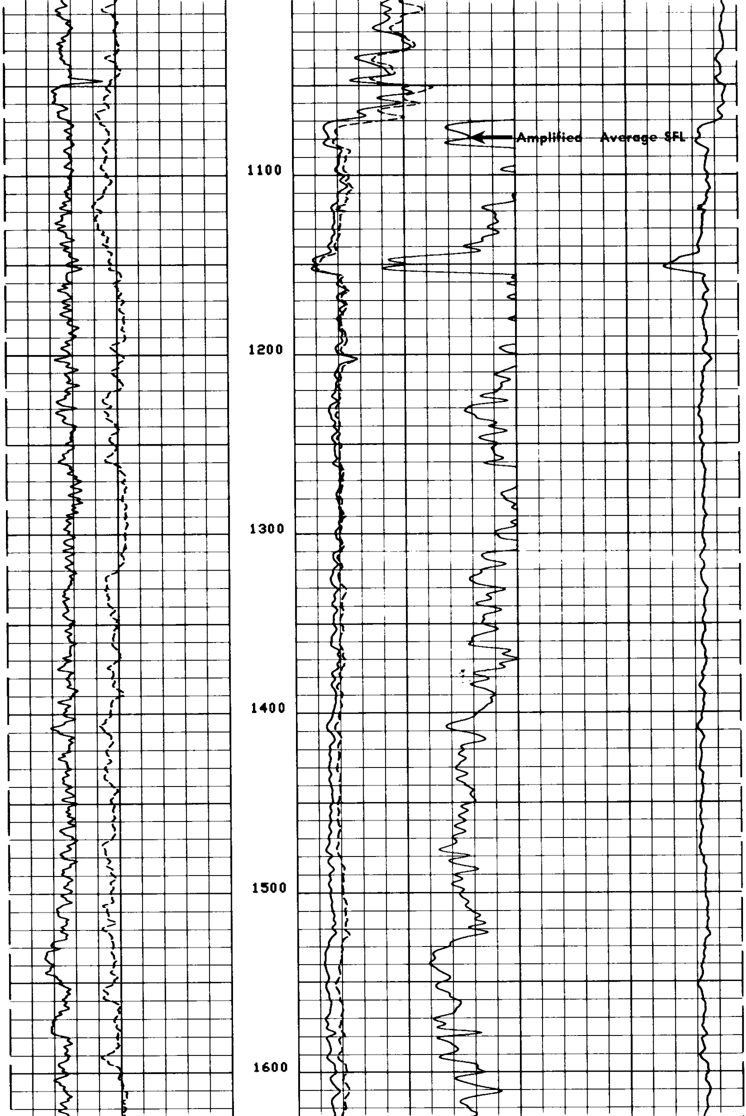
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

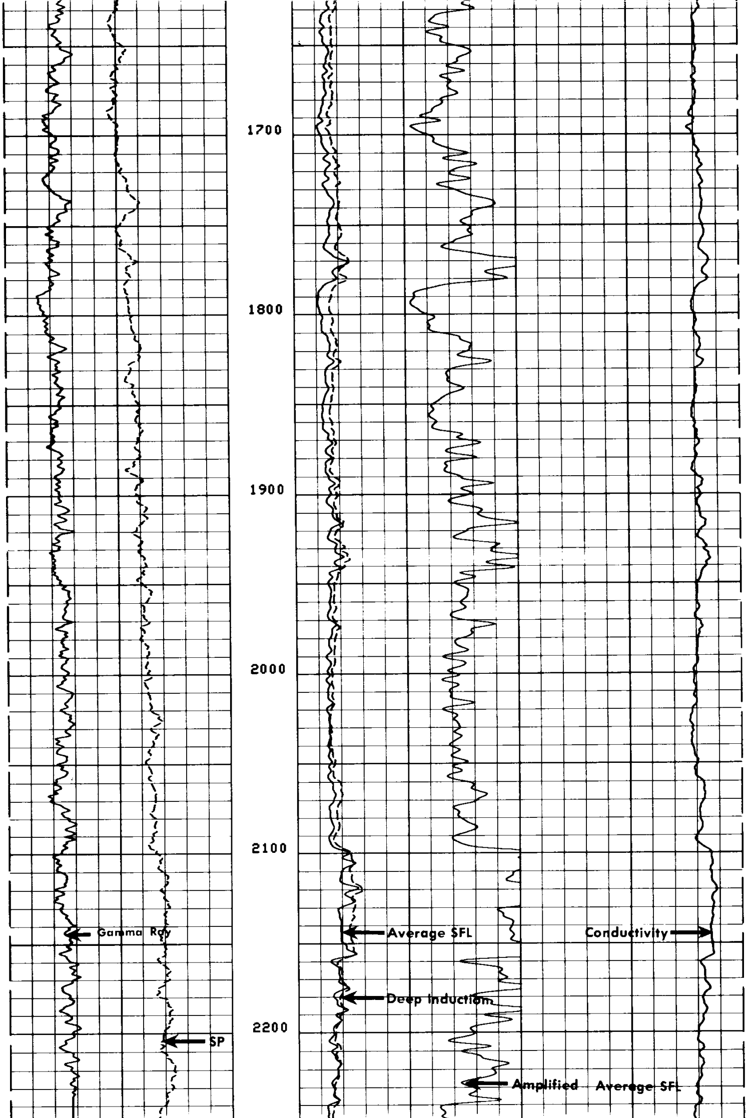
PARAMETERS

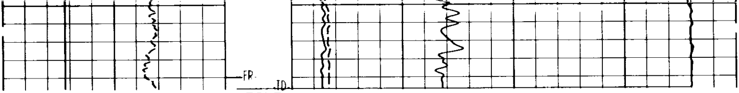
NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	56.00	CDTS		100.0	BS	INCH	8.750
SBR	OHMM	1.000	DSEC	MM/M	4.790	DTF	US/F	189.0
FPHI		PHIX	MSEC	MM/M	4.000			
DO		0.0	BHS		OPEN			











FILE

8

GR (GAPI)
0.0 150.0
SP (MV)
-100.0 0.0

ILD (OHMM)
0.0 30.00
SFLA(OHMM)
0.0 6.000
SFLA(OHMM)
0.0 30.00

CILD(MM/M)
1000. 0.0

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	56.00	CDTS		100.0	BS	INCH	8.750
SBR	OHMM	1.000	DSEC	MM/M	4.790	DTF	US/F	189.0
FPHI		PHIX	MSEC	MM/M	4.000			
DO		0.0	BHS		OPEN			

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	56.00	CDTS		100.0	BS	INCH	8.750
SBR	OHMM	1.000	DSEC	MM/M	4.790	DTF	US/F	189.0
FPHI		PHIX	MSEC	MM/M	4.000			
DO		0.0	BHS		OPEN			

GR (GAPI)
0.0 150.0
SP (MV)
-100.0 0.0

ILD (OHMM)
0.2000 2000.
ILM (OHMM)
0.2000 2000.
SFLU(OHMM)
0.2000 2000.

FILE

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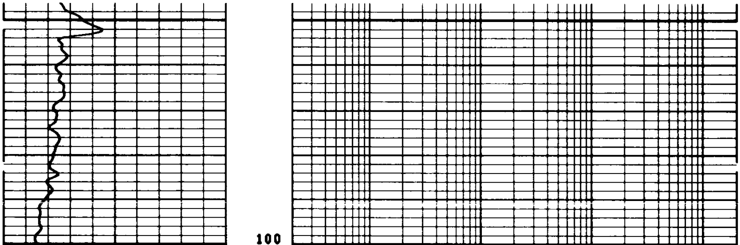
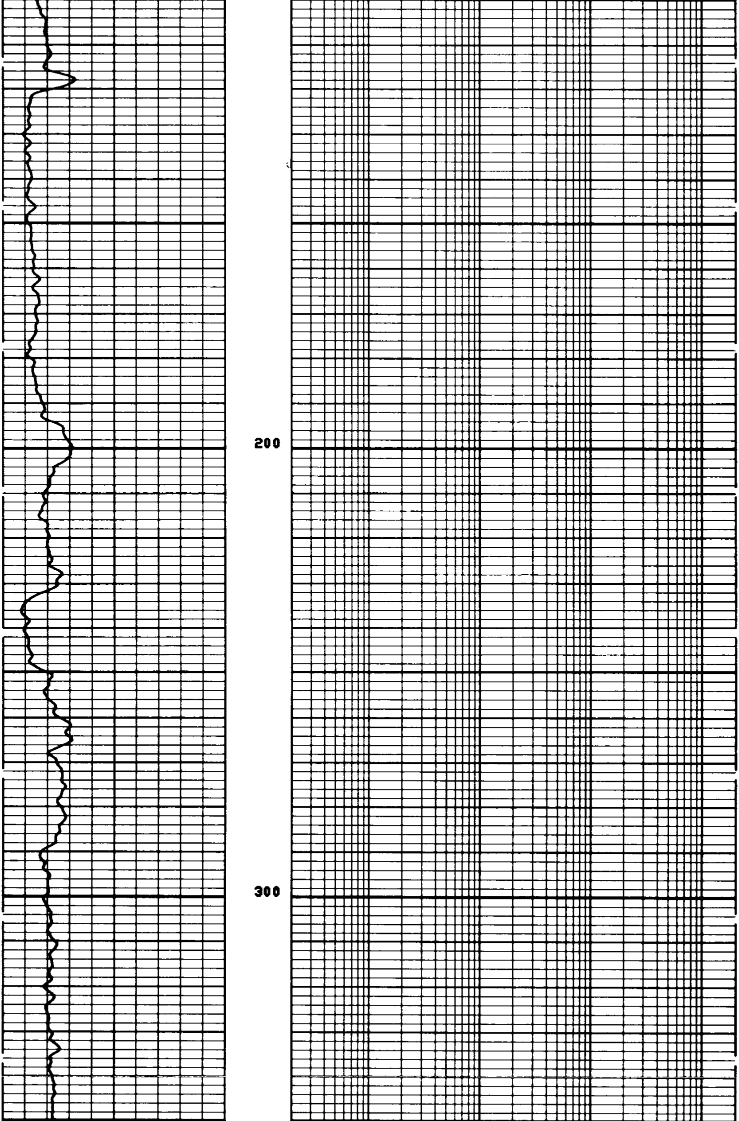
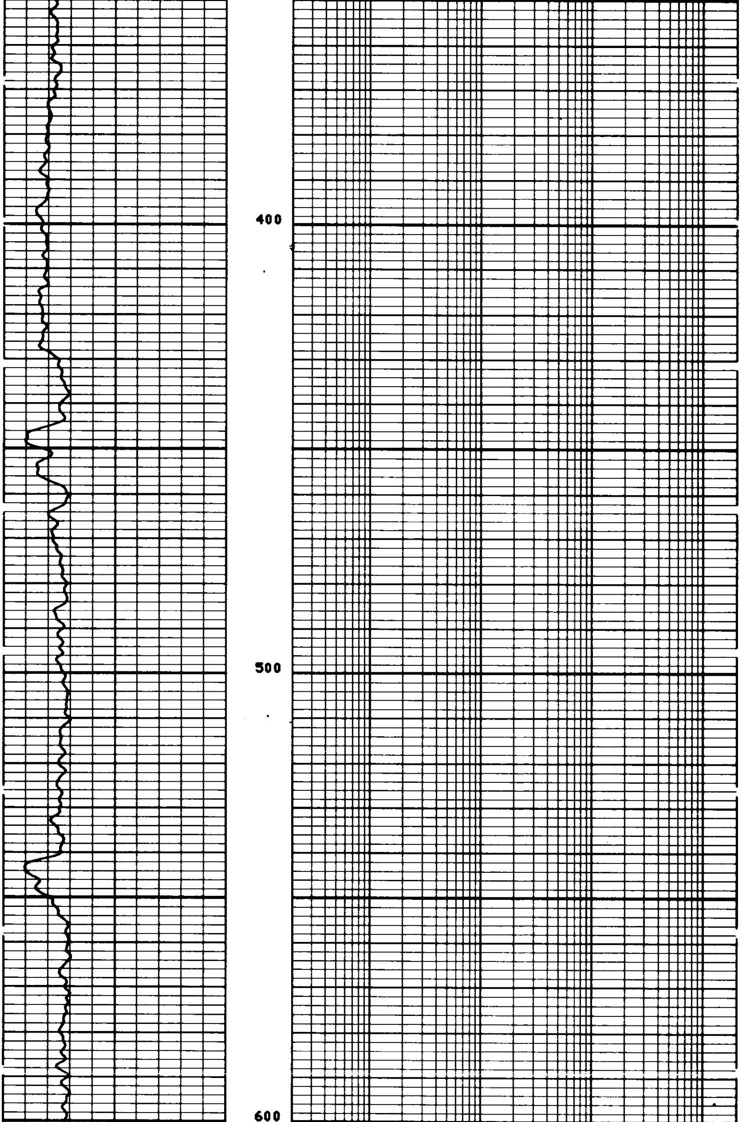
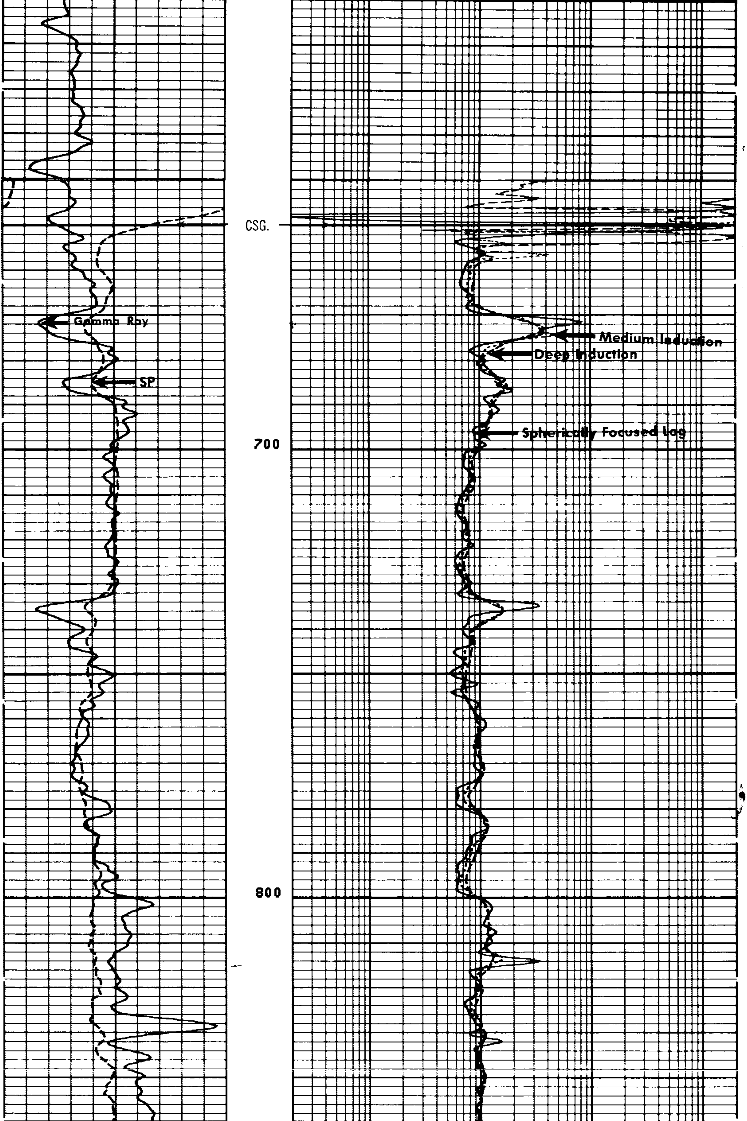
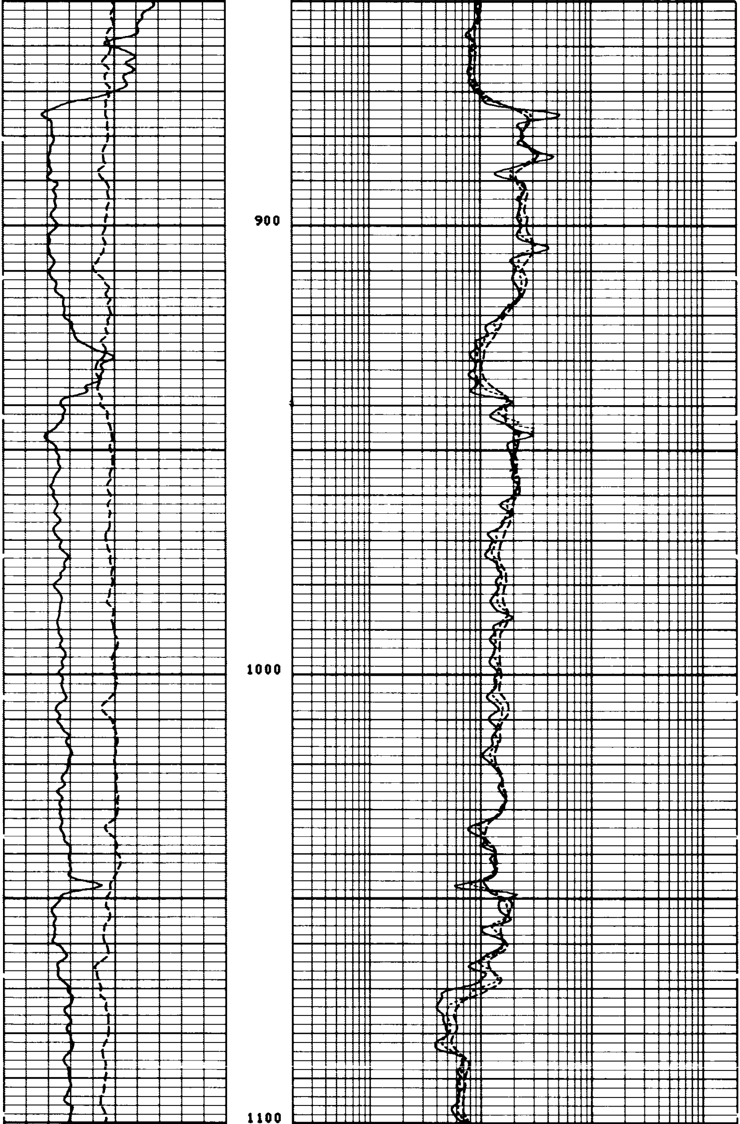
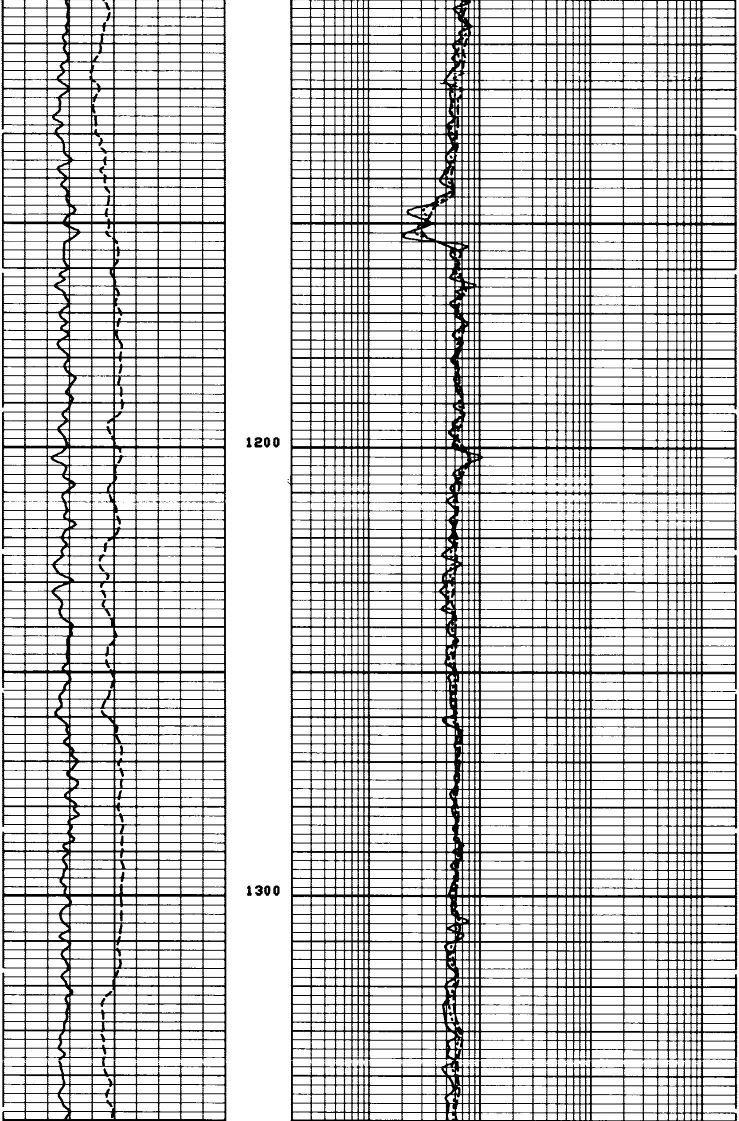


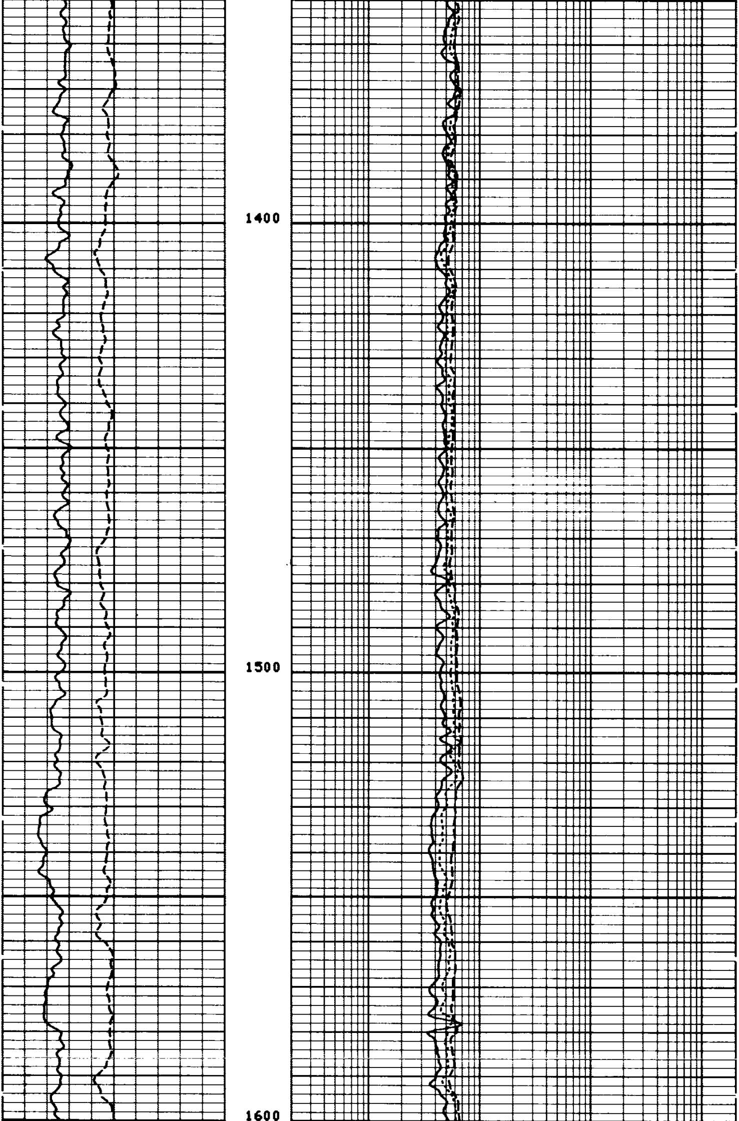


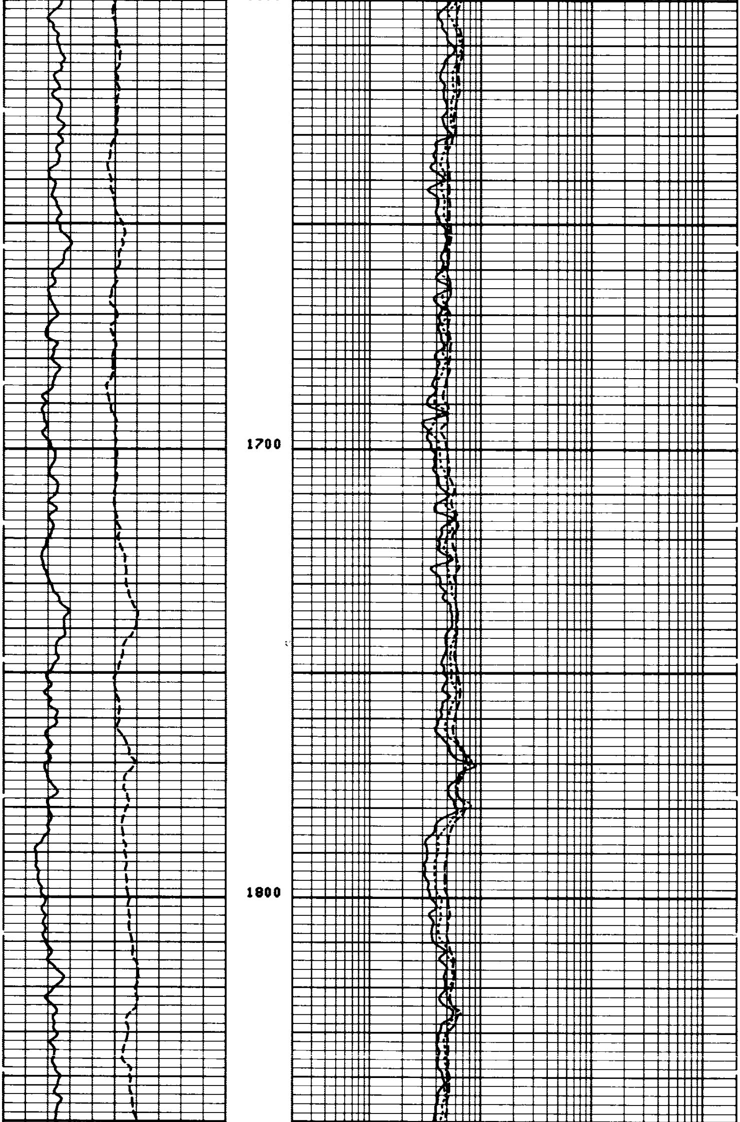


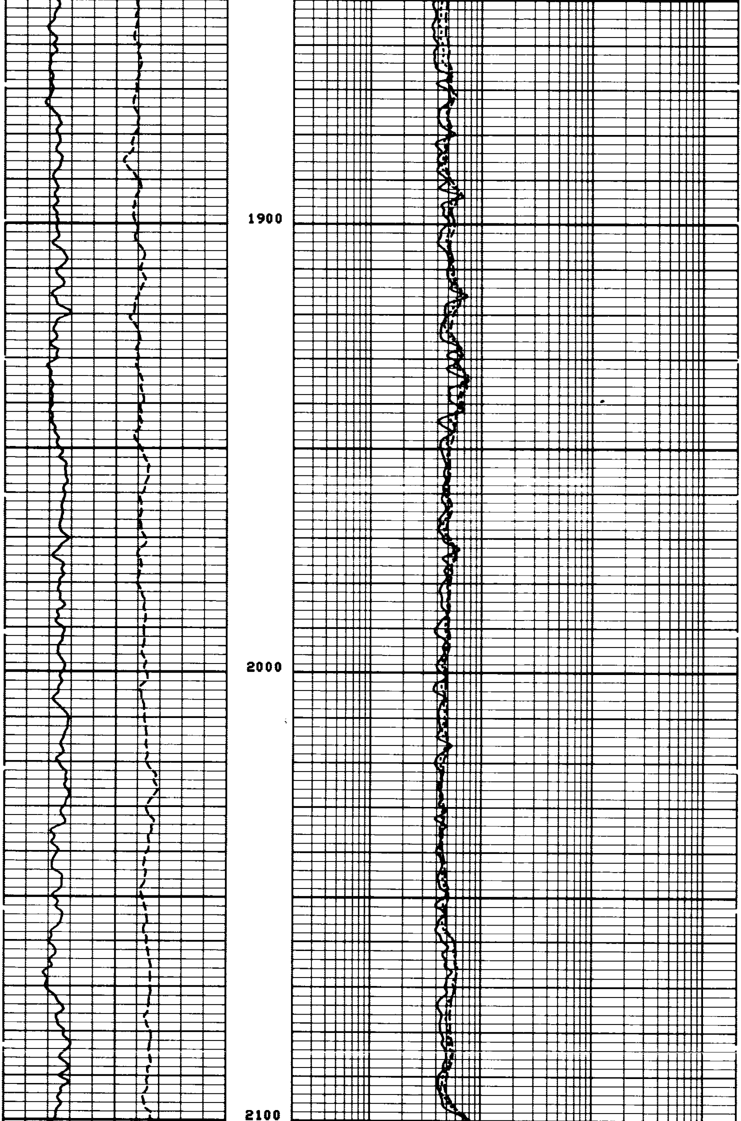


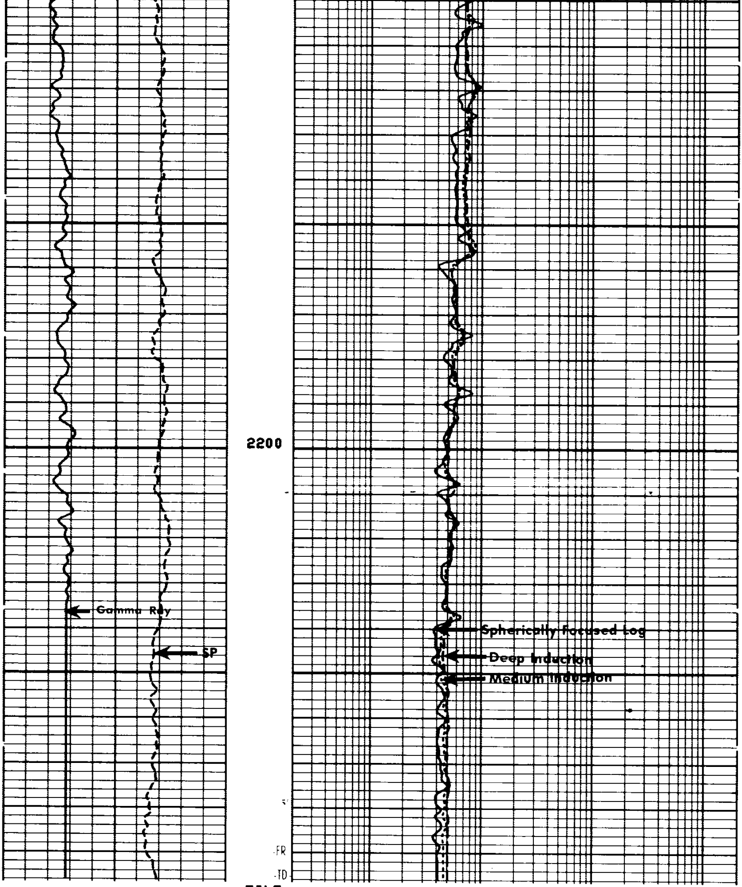












FILE
8

GR (GAPI)	0.0	150.0	ILD (OHMM)	0.2000	2000.
SP (MV)	-100.0	0.0	ILM (OHMM)	0.2000	2000.
			SFLU(OHMM)	0.2000	2000.

PARAMETERS

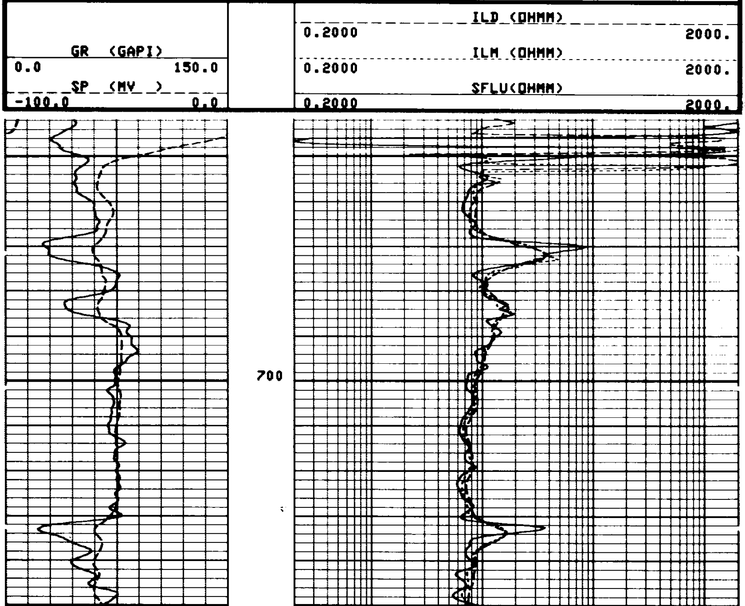
NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE

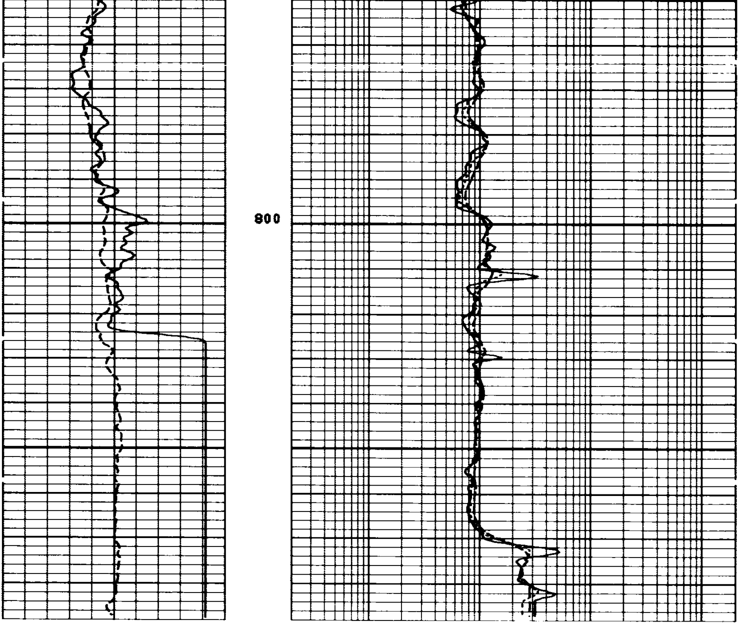
DTM	US/F	56.00	CDTS		100.0	BS	INCH	8.750
SBR	OHMM	1.000	DSEC	MM/M	4.790	DTF	US/F	189.0
FPHI		PHIX	MSEC	MM/M	4.000			
DO		0.0	BHS		OPEN			

REPEAT SECTION

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	56.00	CDTS		100.0	BS	INCH	8.750
SBR	OHMM	1.000	DSEC	MM/M	4.790	DTF	US/F	189.0
FPHI		PHIX	MSEC	MM/M	4.000			
DO		0.0	BHS		OPEN			





FILE

12

GR (GAPI) 0.0 150.0		ILD (OHMM) 0.2000 2000.
SP (MV) -100.0 0.0		ILM (OHMM) 0.2000 2000.
		SFLU(OHMM) 0.2000 2000.

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	56.00	CDTS		100.0	BS	INCH	8.750
SBR	OHMM	1.000	DSEC	MM/M	4.790	DTF	US/F	189.0
FPHI		PHIX	MSEC	MM/M	4.000			
DO		0.0	BHS		OPEN			

CALIBRATION RECORD

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 80/07/26
PROGRAM FILE: ISN (VERSION 18.2 80/ 4/29)

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DITD                    ELECTRONICS CALIBRATION SUMMARY

                  MEASURED                         CALIBRATED
               ZERO     PLUS                     ZERO        PLUS          UNITS
     ILD        4.3     568.1                     0.0        499.8          MM/M
     ILM        3.3     542.1                     0.0        499.9          MM/M
     SFL       -0.3     523.0                     0.0        499.9          MM/M

ILM   SONDE ERROR CORRECTION :           4.0    MM/M
ILD   SONDE ERROR CORRECTION :           4.7    MM/M


SGTE                    DETECTOR CALIBRATION SUMMARY

                  MEASURED
               BKGD     JIG          CALIBRATED           UNITS
      GR        51      224             165               GAPI


MCDB                    CALIPER CALIBRATION SUMMARY

                  MEASURED                         CALIBRATED
               SMALL    LARGE                    SMALL       LARGE         UNITS
    CALI        6.1     11.8                      6.0        12.0           IN
                          FILE

                            4



                  AFTER SURVEY TOOL CHECK SUMMARY


  PERFORMED:      80/07/26
  PROGRAM FILE: ISN     (VERSION    18.2    80/ 4/29)

DITD                         TOOL   CHECK

                       ZERO                            PLUS
              BEFORE          AFTER            BEFORE       AFTER       UNITS
     ILD        0.0            -0.2            499.8        496.2       MM/M
     ILM        0.0            -0.4            499.9        496.3       MM/M
     SFL        0.0            -0.8            499.9        498.0       MM/M

ILM   SONDE ERROR CORRECTION :           4.0    MM/M
ILD   SONDE ERROR CORRECTION :           4.7    MM/M
                          FILE

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                  SHOP SUMMARY


  PERFORMED:      80/07/17
  PROGRAM FILE: SHOP    (VERSION    18.2    80/ 4/29)

DITD                    ELECTRONICS CALIBRATION SUMMARY

                 ELECTRONICS CALIBRATION             SONDE
               MEASURED            CALIBRATED        ERROR      TEST
              ZERO     PLUS       ZERO      PLUS     CORR.      LOOP       UNITS
     ILD       5.5     569.6      0.0       499.8    4.79       496.5      MM/M
     ILM       4.8     539.9      0.0       500.0    4.00       485.7      MM/M

                            (IS:195   , IC:217   )
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CALIBRATION RECORD

COMPANY NORTHWEST EXPLORATION COMPANY

WELL FAT ELK NO. 1

FIELD WILDCAT COQUILLE AREA

COUNTY COOS STATE OREGON

SCHL. FR 2290
SCHL. TD 2296
DRLR. TD 3117

Elev: KB 700
DF
GL 688