COUNTY LINN
FIELD CORVALIS
LOCATION 33-11S-4W
WELL M & P FARMS NO. 33-24
COMPANY AMERICAN QUASAR

Schlumberger

DUAL INDUCTION-SFL

COMPANY AMERICAN QUASAR PETROLEUM COMPANY

WELL M & P FARMS NO. 33-24

FIELD CORVALIS

COUNTY LINN STATE OREGON

LOCATION 1980'FWL & 660'FSL

API SERIAL NO.	SEC.	TWP	RANGE
	33	11S	4W

Other Services:
BHC
HDT
FDC/CNL/GR

Permanent Datum: GL ; Elev.: 220.5
Log Measured From KB 10.5 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 231.0
D.F. --
G.L. 220.5

Date	3-4-81			
Run No.	ONE			
Depth—Driller	4275			
Depth—Logger (Schl.)	4266			
Btm. Log Interval	4266			
Top Log Interval	520			
Casing—Driller	7" @ 515	@	@	@
Casing—Logger	520			
Bit Size	6¼"			
Type Fluid in Hole	GEL-LIGNITE			
Dens. | Visc.	76 | 49	|	|	|
pH | Fluid Loss	9.5 | 4.9 ml	ml	ml	ml
Source of Sample	CIRCULATION			
Rm @ Meas. Temp.	0.85 @ 62 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	0.98 @ 47 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	1.75 @ 47 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | M	|	|	|
Rm @ BHT	0.53 @ 101 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	2100			
TIME Logger on Bottom	0100			
Max. Rec. Temp.	101 °F	°F	°F	°F
Equip. | Location	8128 | SAC	|	|	|
Recorded By	FINNELL			
Witnessed By	MANN			

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

Run No.	ONE			
Service Order No.	205745			
Fluid Level	FULL			
Speed F.P.M.	60			
Salinity ppm. cl	-			

EQUIPMENT DATA

Panel	-			
Cartridge	47			
Sonde	83			
Memorizer Panel	-			
Centralizer Type	-			
Stand-off - Inches	-			
G.R. Panel	-			

CALIBRATION DATA

SBR	1.0			
ILD Sonde Error	4.3			
ILM Sonde Error	5.3			
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	4.3			
ILM Sonde Error Log	5.3			
G.R. Scale per 100 Div.	-			
G.R. - T.C. Log	-			

SCALE CHANGES

Type Log	DEPTH	Scale Up Hole	Scale Down Hole

REMARKS

SP SHIFT AT 2410'
SP TAKEN FROM BHC

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.

SP (MV)
-20.00 30.00

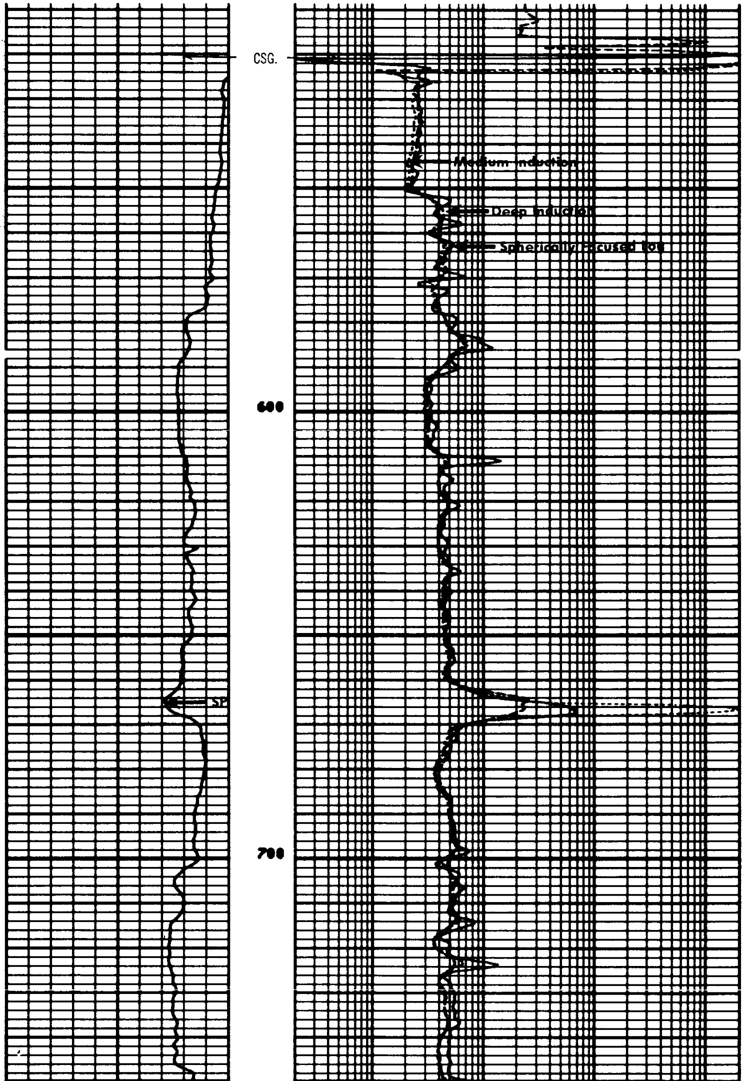
ILD (OHMM)
0.2000 2000.

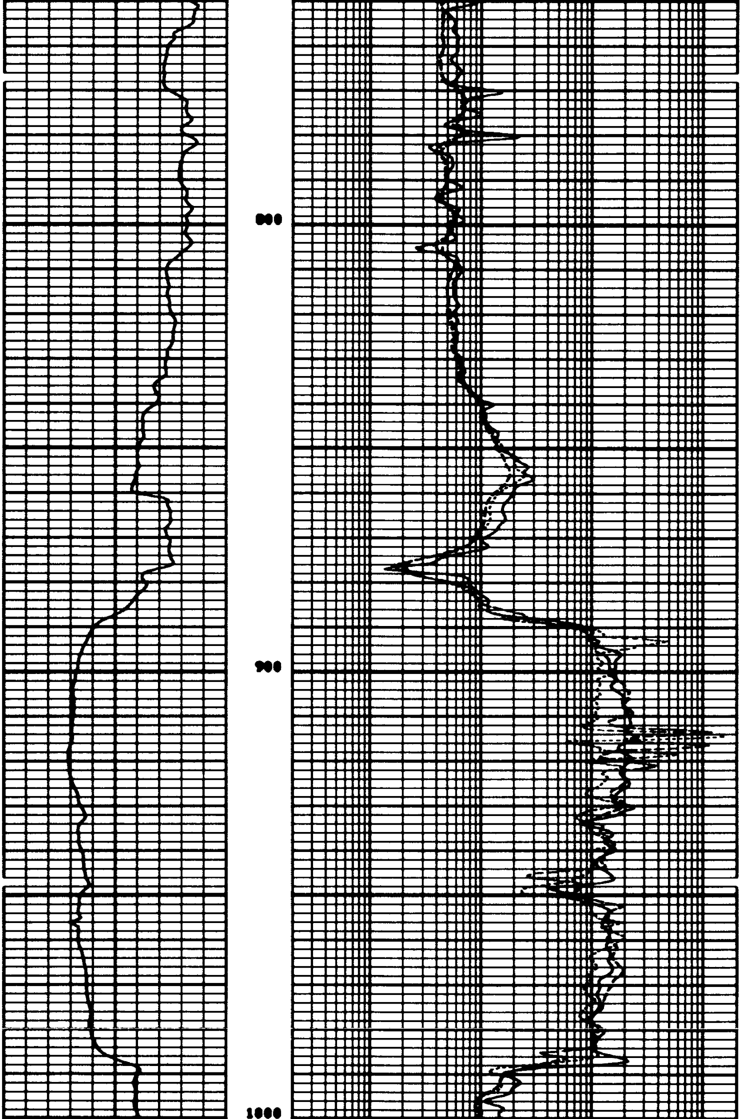
ILM (OHMM)
0.2000 2000.

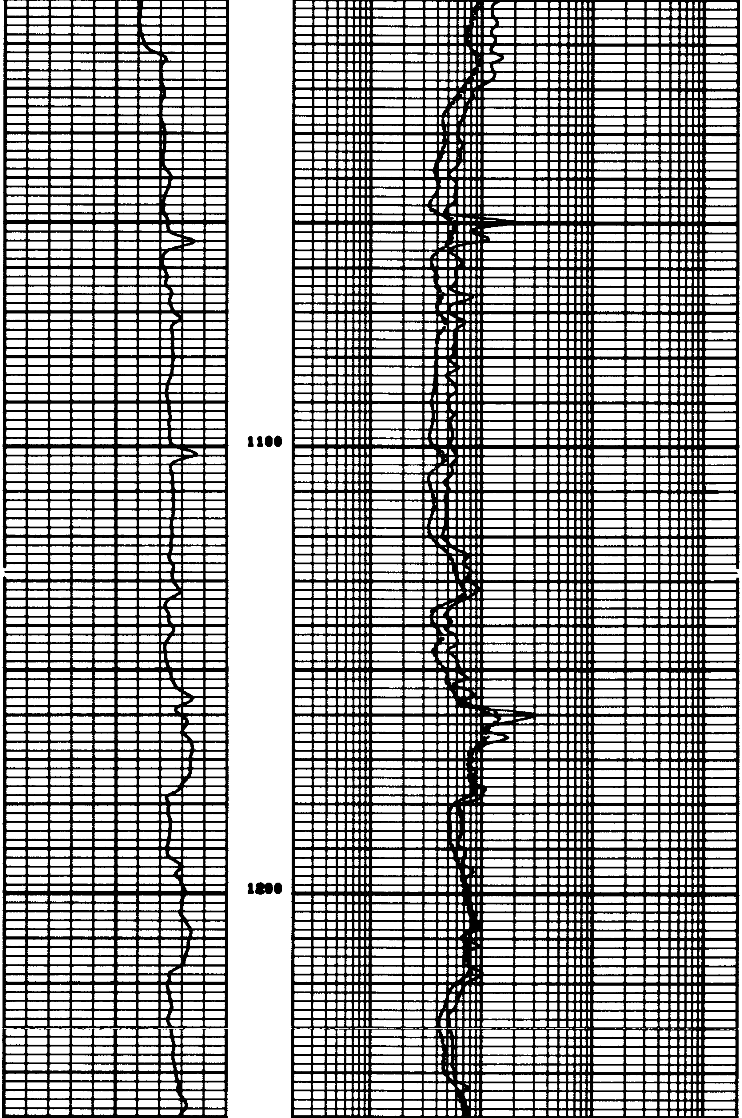
SFLU(OHMM)
0.2000 2000.

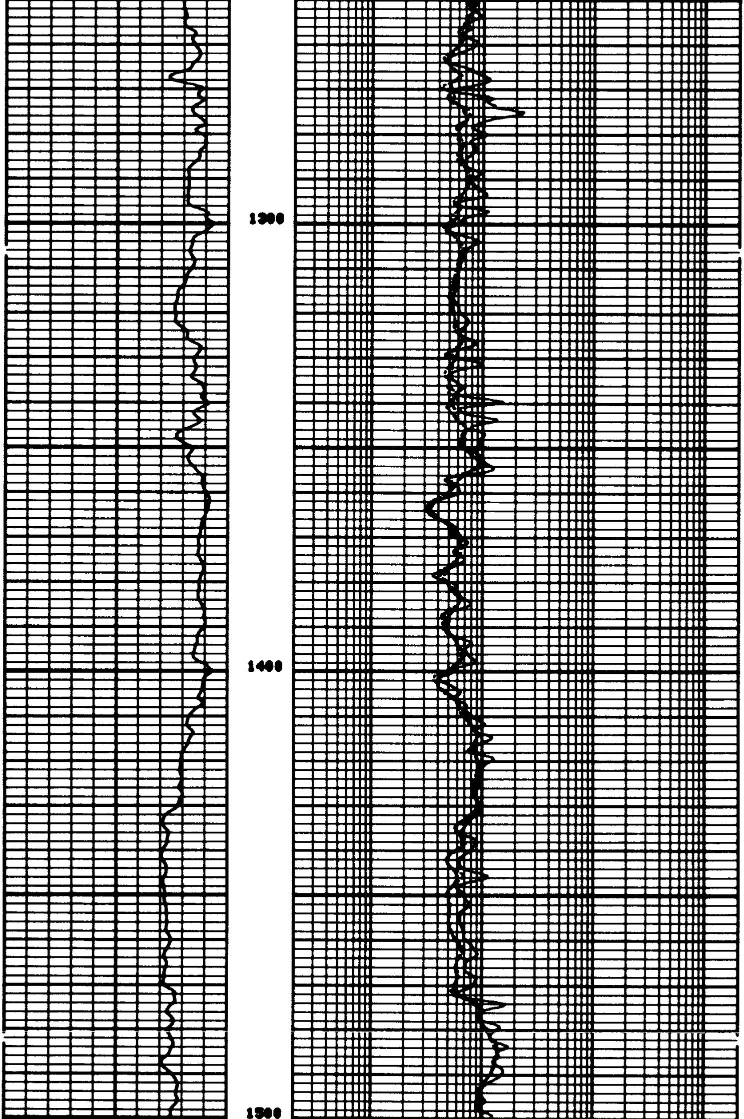
FILE

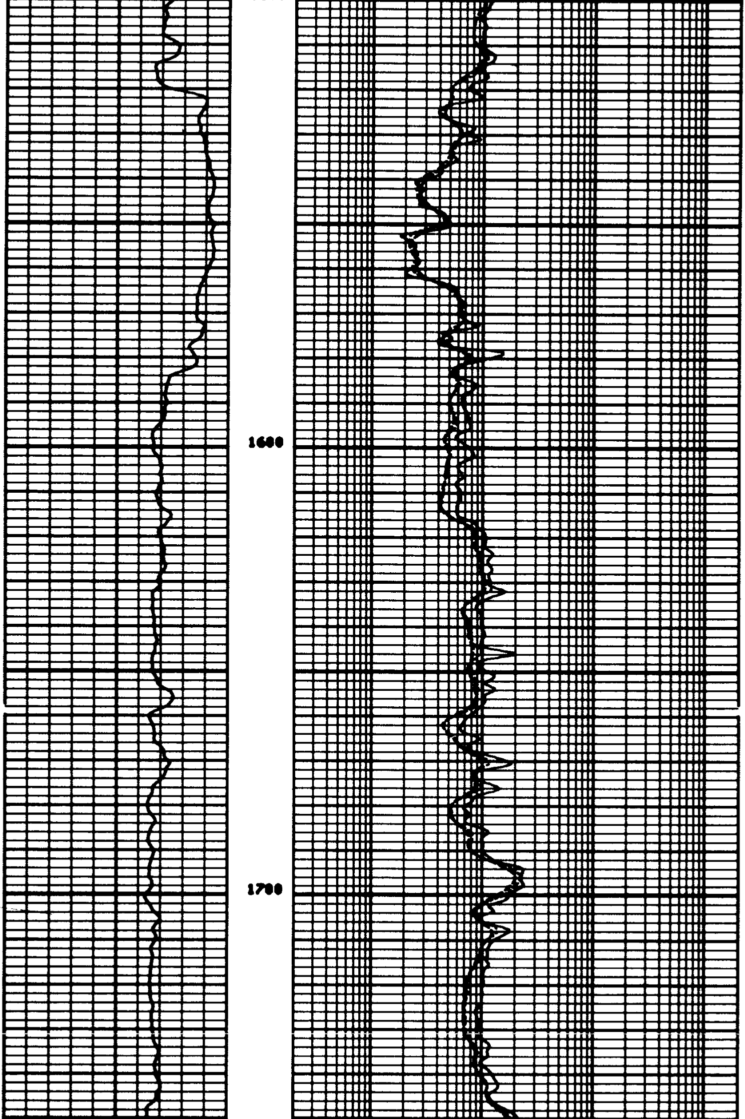
1015

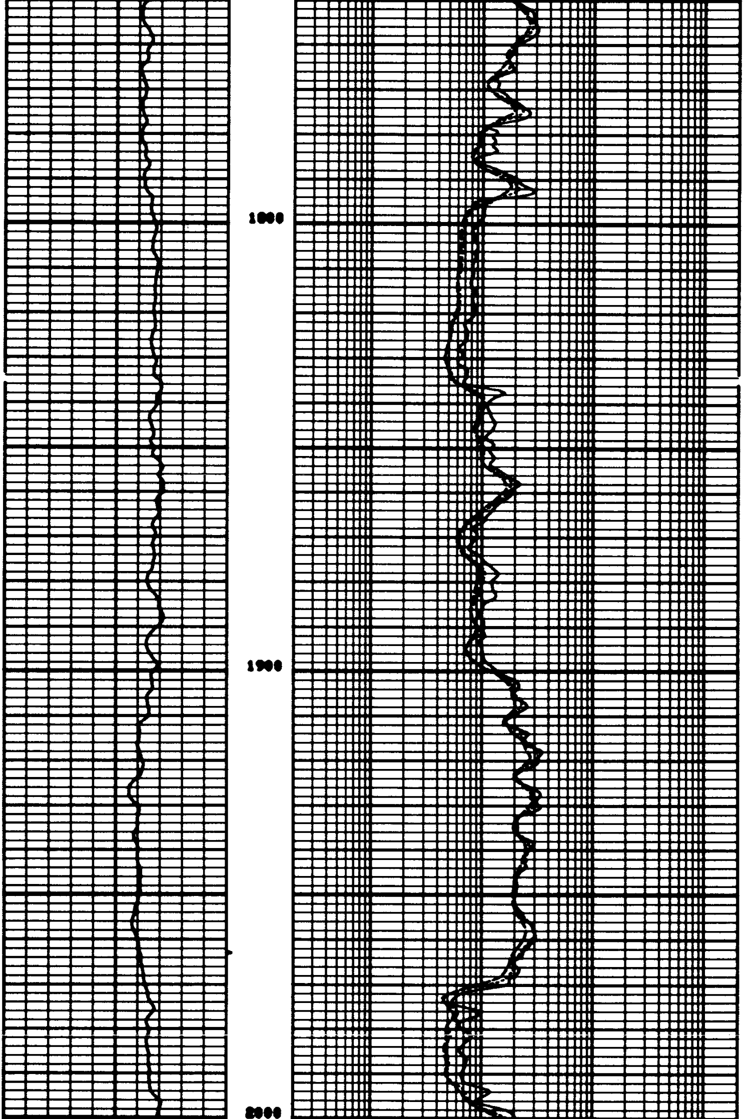


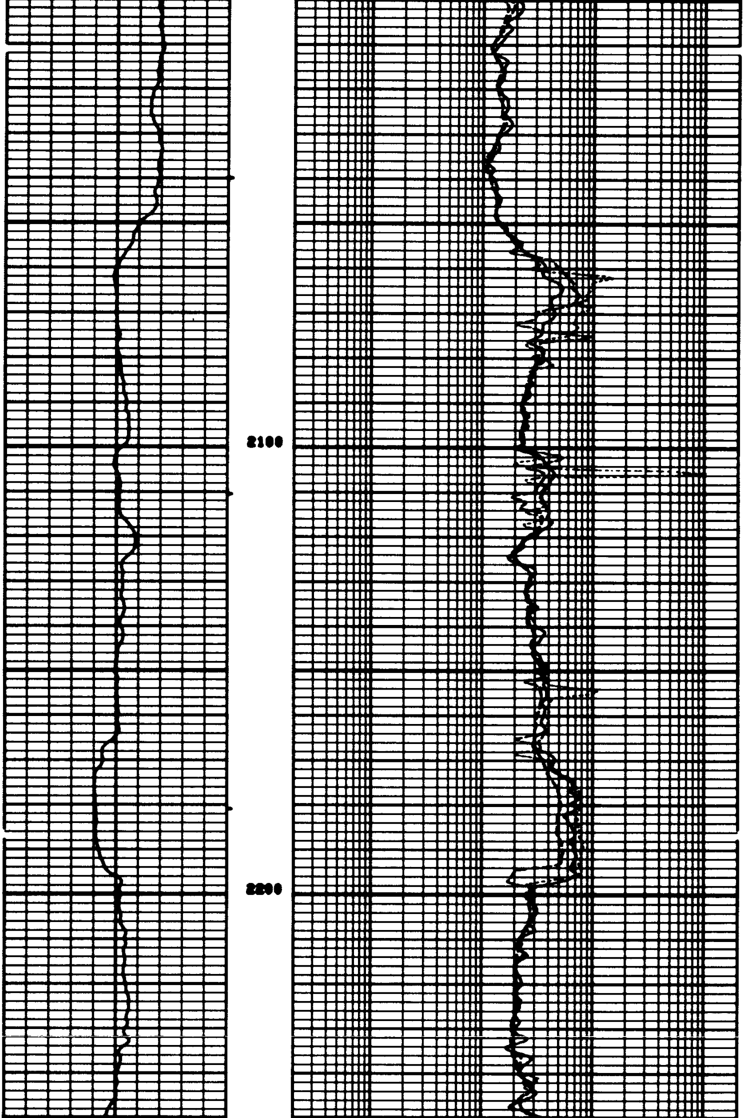


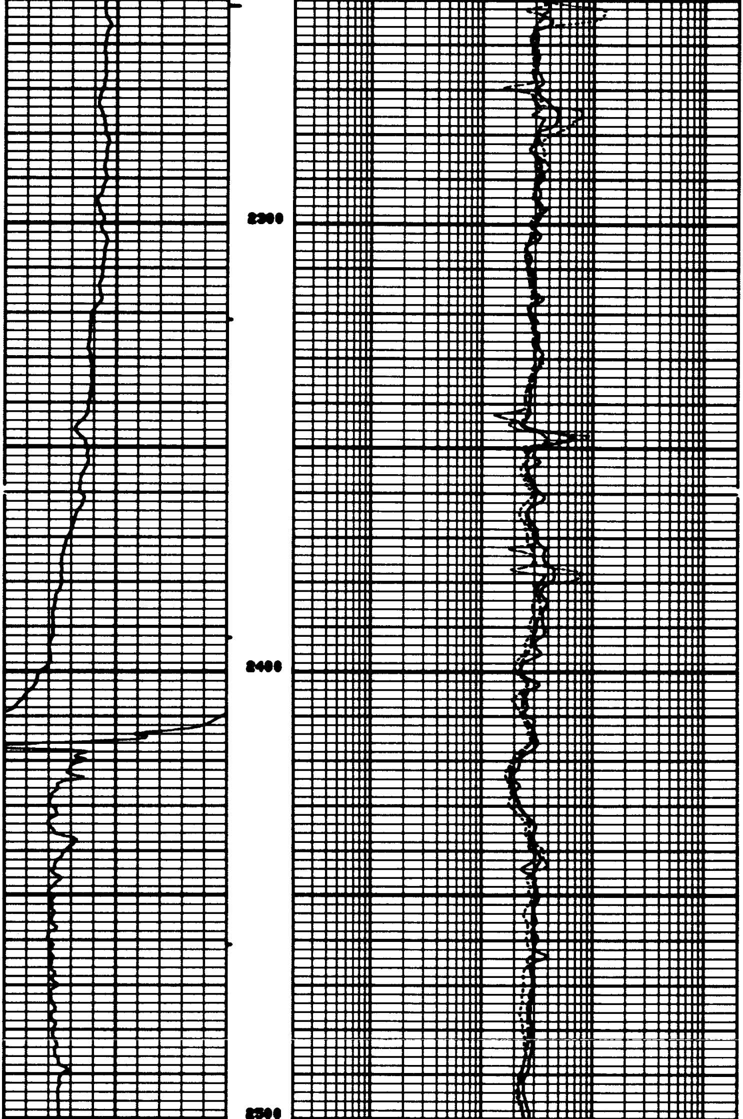


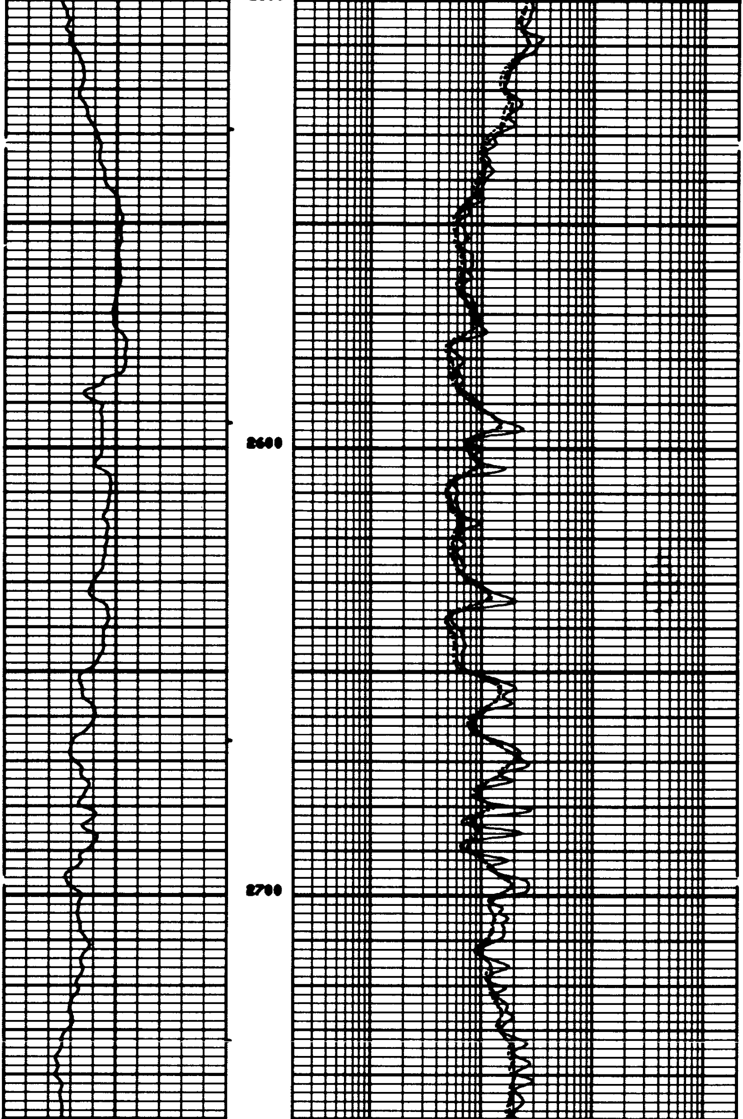


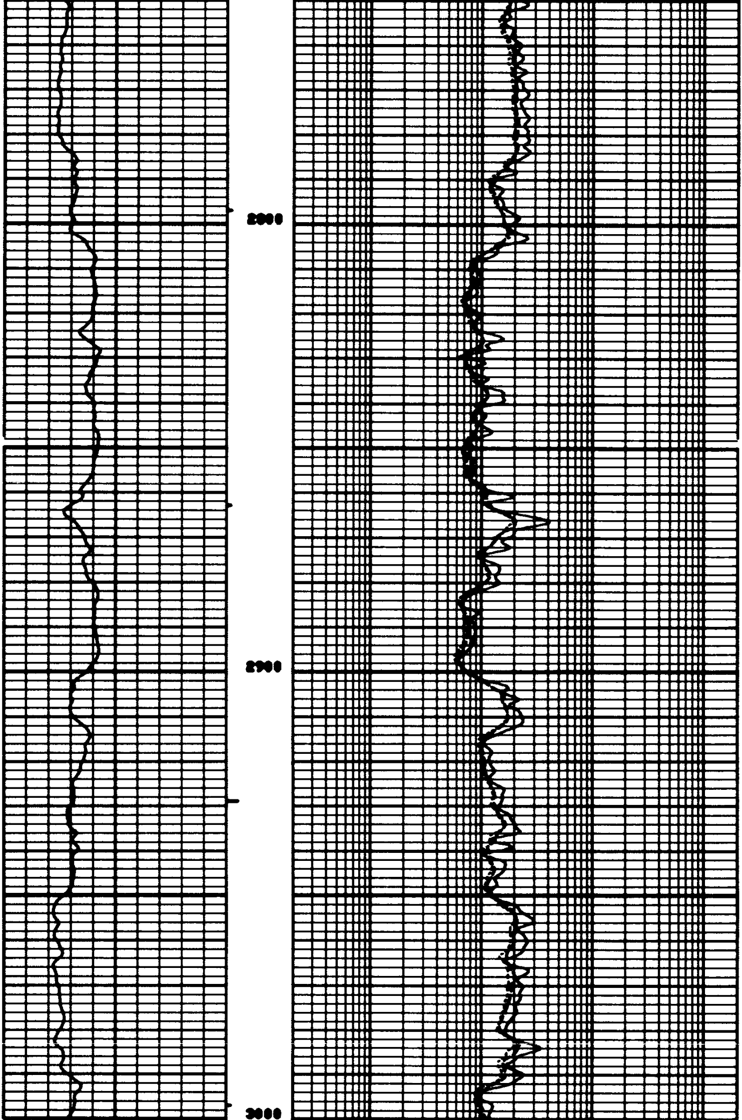


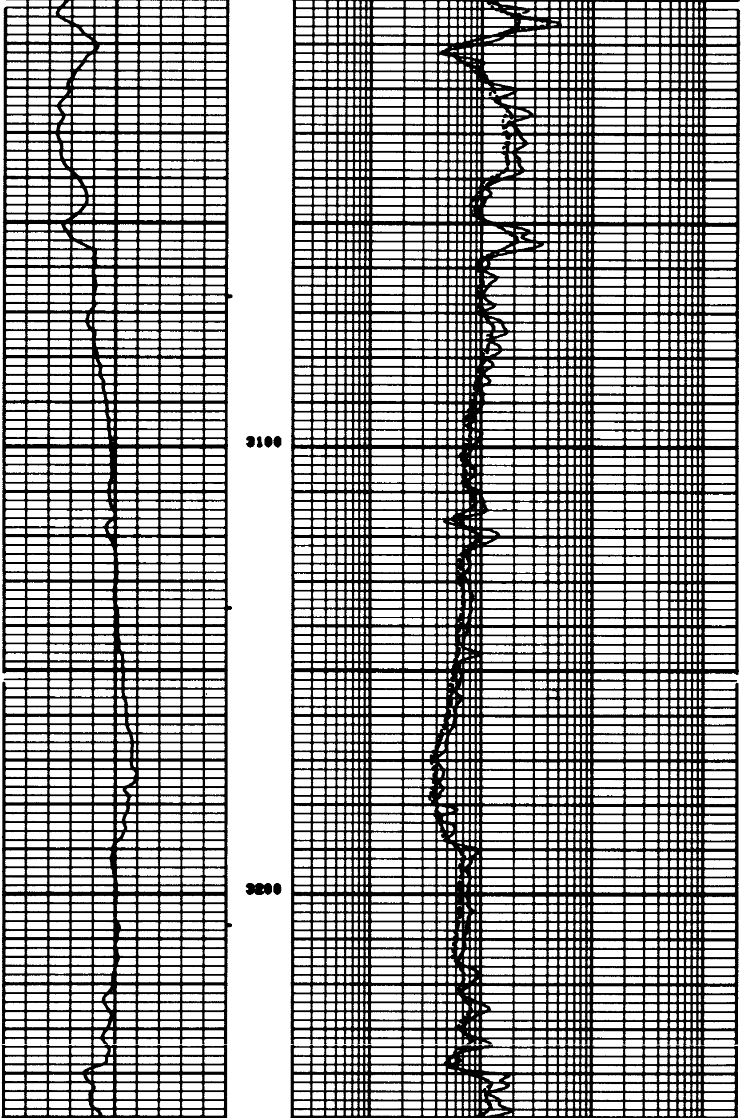


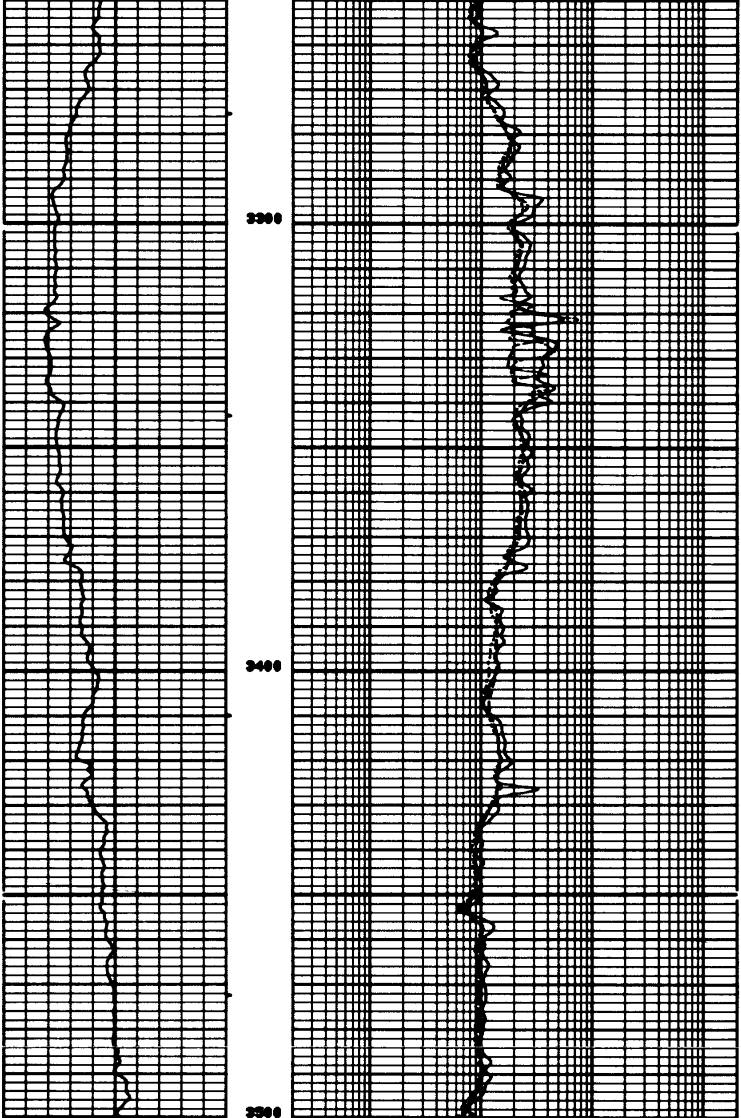


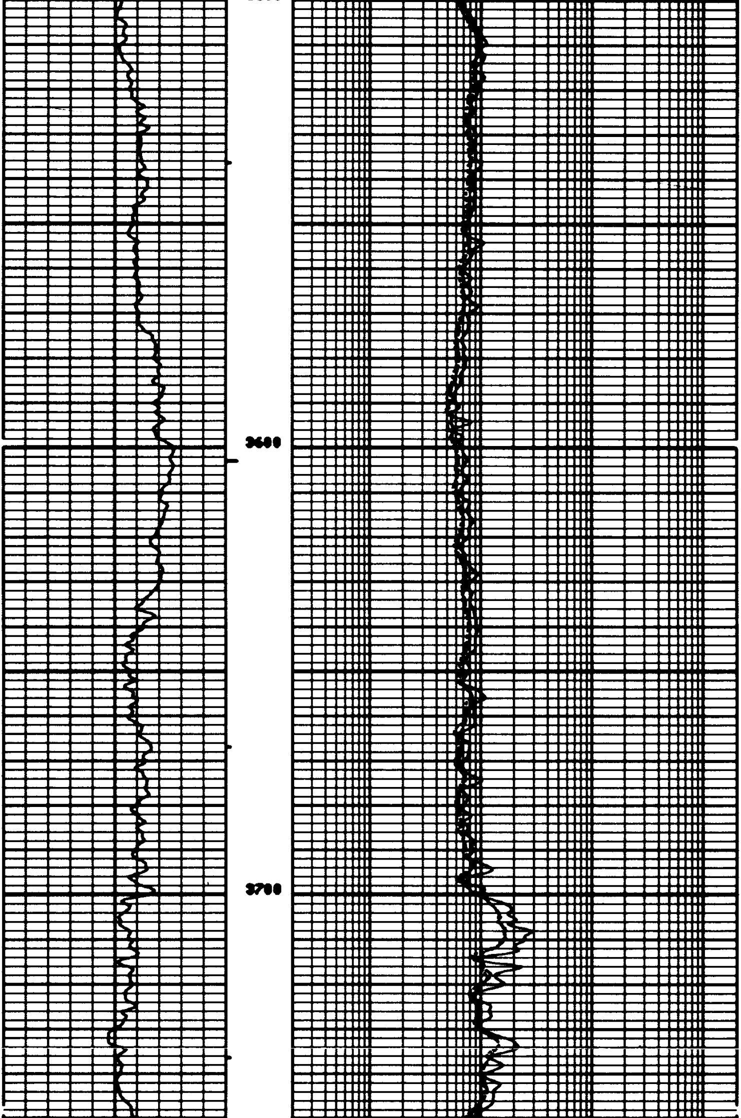


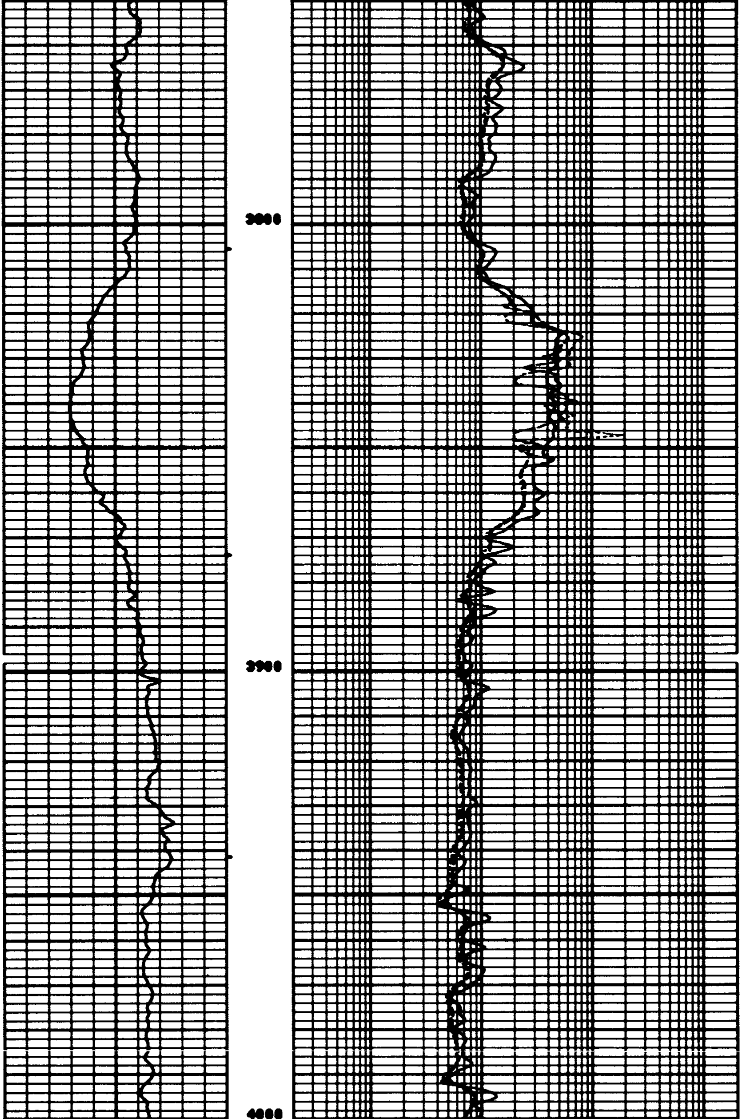


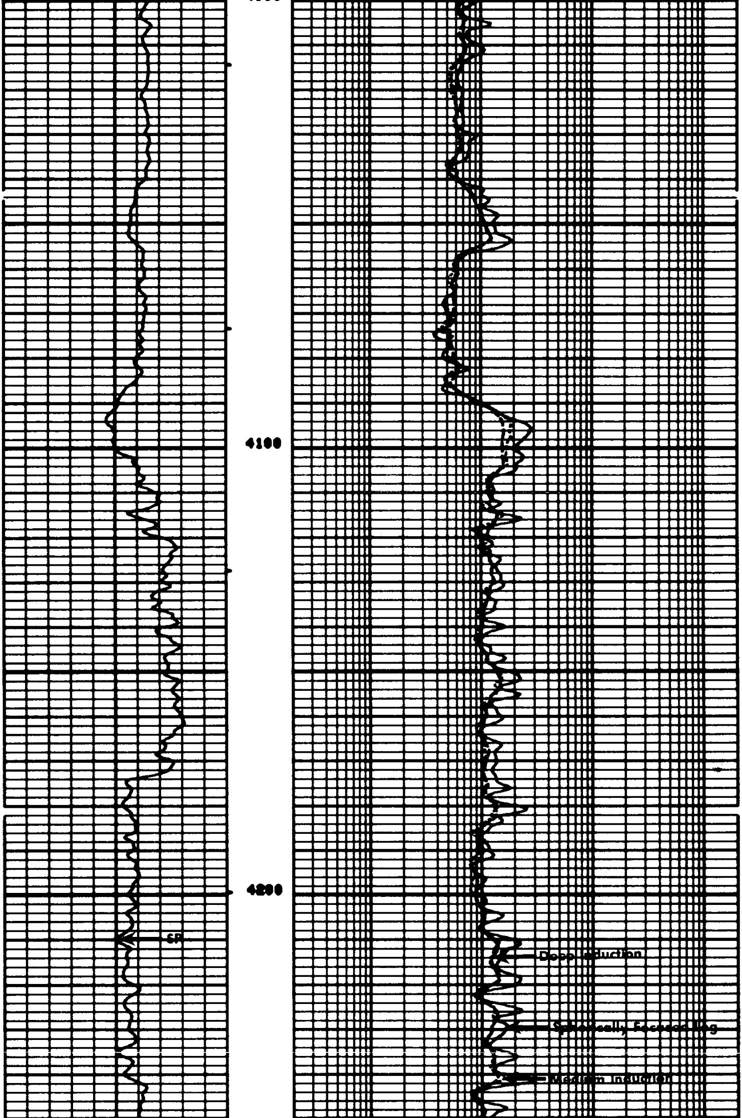


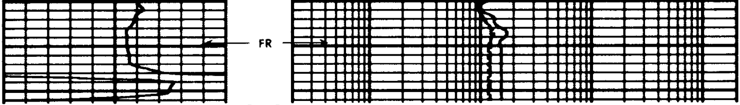












FILE

1015

SP (MV)
-100.0 0.0

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

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
SBR	OHMM	1.000	DSEC	MM/M	8.000	BS	INCH	6.250
FPHI		PHIX	MSEC	MM/M	20.00			
DO		0.0	BHS		OPEN			

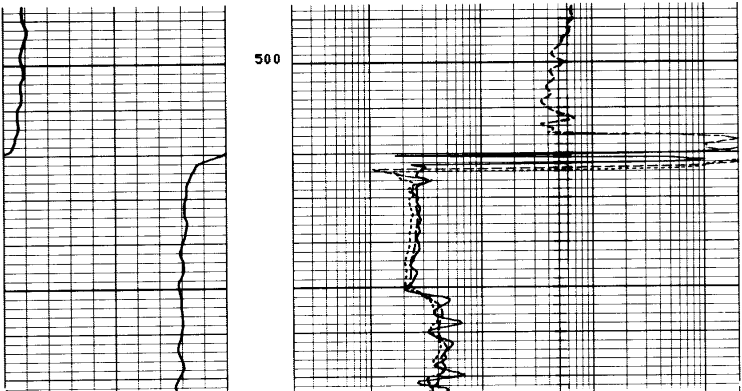
SP (MV)
-100.0 0.0

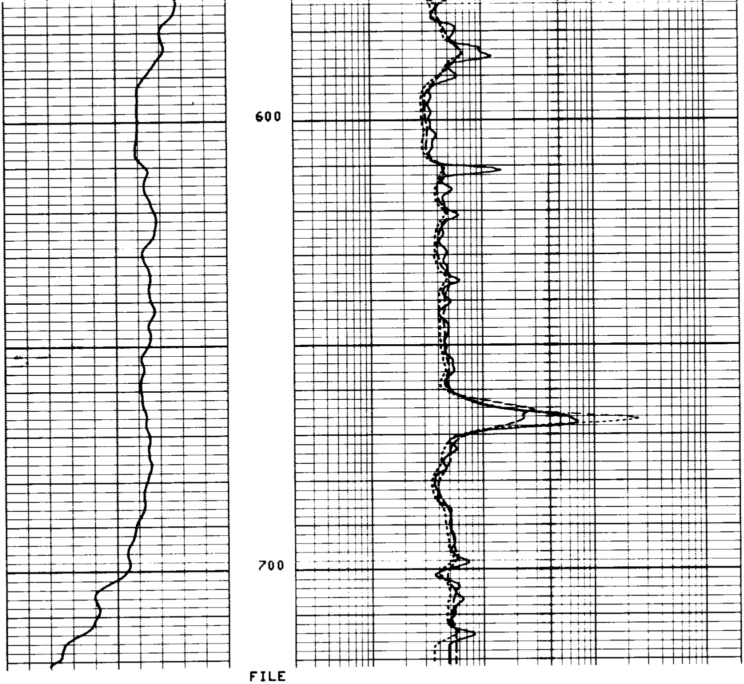
ILD (OHMM)
0.2000 2000.
ILM (OHMM)
0.2000 2000.
SFLU(OHMM)
0.2000 2000.

REPEAT SECTION

FILE

8





FILE

8

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

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
SBR	OHMM	1.000	DSEC	MM/M	8.000	BS	INCH	6.250
FPHI		PHIX	MSEC	MM/M	20.00			
DO		0.0	BHS		OPEN			

CALIBRATION RECORD

AFTER SURVEY TOOL CHECK SUMMARY

PERFORMED: 81/03/03
PROGRAM FILE: ISN (VERSION 18.2 80/ 4/29)

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DITD                          TOOL  CHECK

                         ZERO                        PLUS
               BEFORE          AFTER          BEFORE       AFTER      UNITS
     ILD         0.0             0.1           499.7       496.9      MM/M
     ILM         0.0             0.2           499.9       495.1      MM/M
     SFL         0.0            -0.7           499.9       499.2      MM/M

ILM   SONDE ERROR CORRECTION :           20.0    MM/M
ILD   SONDE ERROR CORRECTION :            8.0    MM/M
                          FILE
                 BEFORE SURVEY CALIBRATION SUMMARY


  PERFORMED:      81/03/04
  PROGRAM FILE: ISN    (VERSION    18.2    80/ 4/29)


DITD                  ELECTRONICS CALIBRATION SUMMARY

                 MEASURED                        CALIBRATED
               ZERO    PLUS                   ZERO       PLUS          UNITS
     ILD        3.3    489.6                   0.0       499.8          MM/M
     ILM        4.1    521.0                   0.0       499.9          MM/M
     SFL       -4.3    511.2                   0.0       499.9          MM/M

ILM   SONDE ERROR CORRECTION :          10.0    MM/M
ILD   SONDE ERROR CORRECTION :           4.6    MM/M


MCDB                  CALIPER CALIBRATION SUMMARY

                 MEASURED                        CALIBRATED
               SMALL   LARGE                  SMALL      LARGE         UNITS
   CALI         7.5    11.6                    8.0       12.0           IN
                          FILE

                            4



                 SHOP  SUMMARY


  PERFORMED:      81/02/11
  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      4.1    488.9      0.0      499.8     4.58      494.0       MM/M
     ILM      5.3    522.7      0.0      500.0    15.60      506.1       MM/M

                       (IS:83    , IC:47    )
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CALIBRATION RECORD

COMPANY	AMERICAN QUASAR PETROLEUM COMPANY	SCHL. FR	4266
		SCHL. TD	4266
WELL	M & P NO. 33-24	DRLR. TD	4275
FIELD	CORVALIS	Elev: KB	231.0
		DF	--
COUNTY	LINN STATE OREGON	GL	220.5

SWS-2517