COUNTY LINN
FIELD ALBANY
LOCATION 17-10S-3W
WELL HENSCHELL NO.17-34
COMPANY AMERICAN QUASAR

Schlumberger

DUAL INDUCTION-SFL
WITH LINEAR CORRELATION LOG

COMPANY AMERICAN QUASAR PETROLEUM COMPANY

RECEIVED
JAN 5 1981
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WELL HENSCHELL NO. 17-34
FIELD ALBANY
COUNTY LINN STATE OREGON

LOCATION 1320'FEL & 990'FSL

API SERIAL NO.	SEC.	TWP	RANGE
	17	10S	3W

Other Services:
BHC
HDT
FDC/CNL/GR

Permanent Datum: GL ; Elev.: 200
Log Measured From KB 10.5 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 210.5
D.F. --
G.L. 200.0

Date	12-13-80			
Run No.	ONE			
Depth—Driller	2856			
Depth—Logger (Schl.)	2856			
Btm. Log Interval	2848			
Top Log Interval	515			
Casing—Driller	7" @ 515	@	@	@
Casing—Logger	515			
Bit Size	6¼"			
Type Fluid in Hole	LIGNOSULFONATE			
Dens. | Visc.	10.6 | 40	|	|	|
pH | Fluid Loss	10 | 6 ml	| ml	| ml	| ml
Source of Sample	CIRCULATION			
Rm @ Meas. Temp.	0.4 @65 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	0.36 @59 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	0.59 @65 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | M	|	|	|
Rm @ BHT	0.3 @ 86 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	0400			
TIME Logger on Bottom	0800			
Max. Rec. Temp.	86 °F	°F	°F	°F
Equip. | Location	8126 | SAC	|	|	|
Recorded By	ANDERSEN			
Witnessed By	SMITH/MANN			

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

Run No.	ONE			
Service Order No.	205765			
Fluid Level	FULL			
Salinity ppm. cl	-			
Speed F.P.M.	100			

EQUIPMENT DATA

Panel No.	282			
Cartridge No.	47			
Sonde No.	35			
Mem. Panel No.	-			
G.R. Panel No.	-			
G.R. Cart No.	-			
Tape Recorder - (TTR)	-			
Depth Encoder - (DRE)	-			
Pressure Wheel - (CPM)	-			
Type Centralizers	-			
Stand Off - Inches	-			

CALIBRATION DATA

SBR	1.0			
Sonde Error - ILM	6.2			
Sonde Error - ILD	5.0			
G.R. BKG. - CPS.	-			
G.R. Source - CPS.	-			
S.E. Set In Hole - Depth	-			
S.E. Corr. - Hole Size	-			
	-			

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

REMARKS

LOGGING DATA				
SBR	1.0			
Sonde Error Log - ILM	6.2			
Sonde Error Log - ILD	5.0			
G.R. Scale per 100 Div.	-			
G.R. - T.C. Log	-			
	- °F	°F	°F	°F
	°F	°F	°F	°F
	°F	°F	°F	°F

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 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	6.250
SBR	OHMM	1.000	DSEC	MM/M	5.000	DTF	US/F	189.0
FPHI		SPHI	MSEC	MM/M	6.200			
DO		0.0	BHS		OPEN			

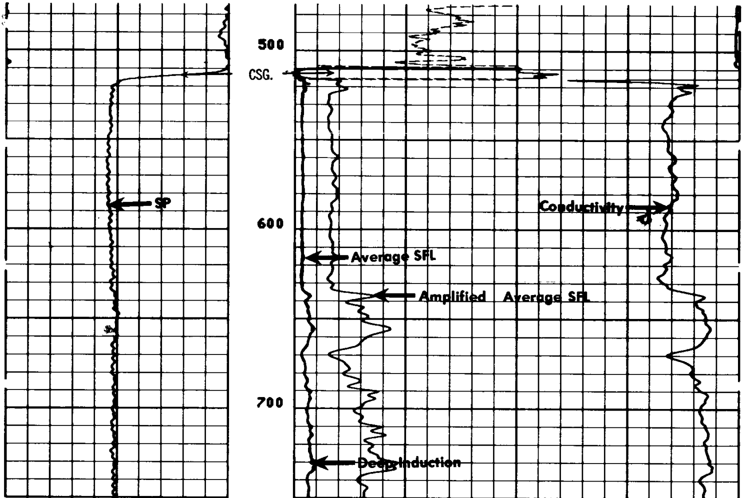
SP (MV)
-120.0 -20.00

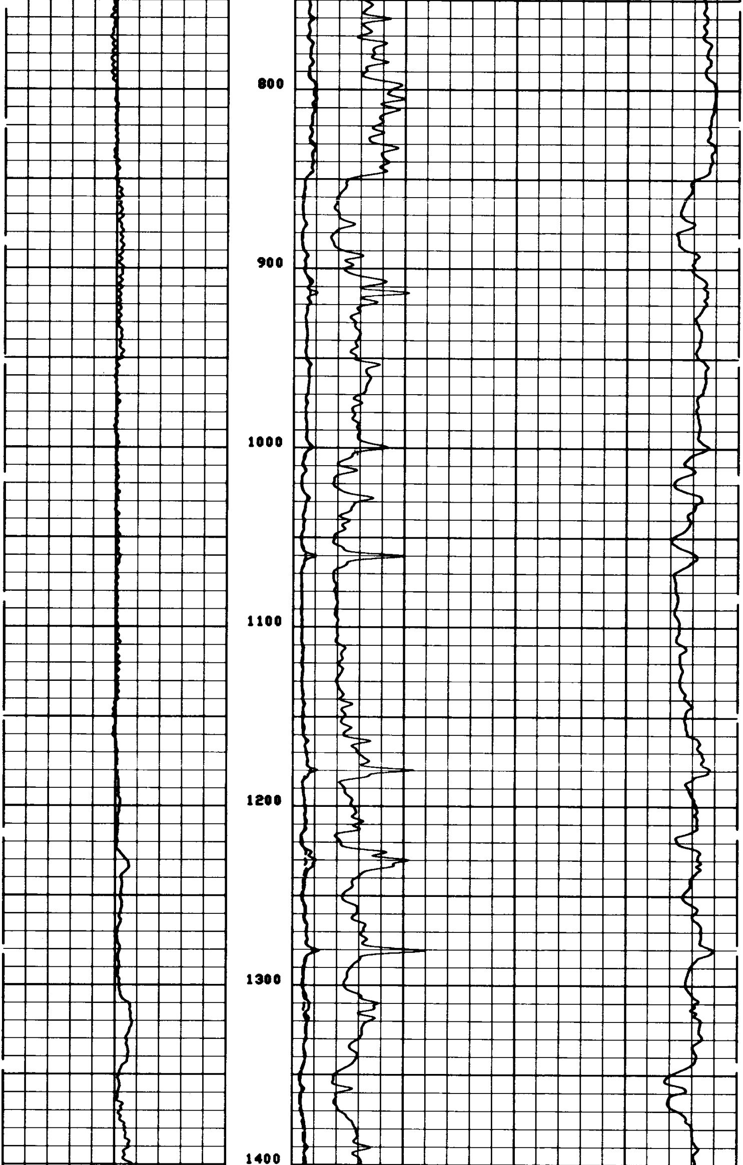
ILD (OHMM)
0.0 100.0
SFLA(OHMM)
0.0 20.00
SFLA(OHMM)
0.0 100.0

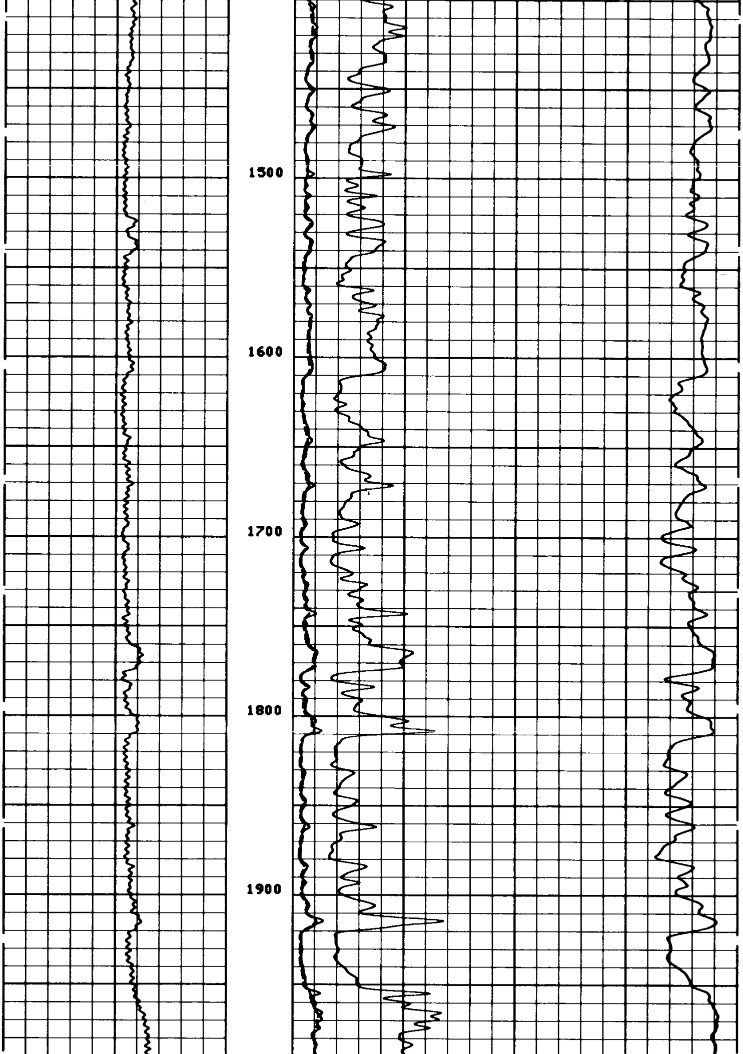
CILD(MM/M)
1000. 0.0

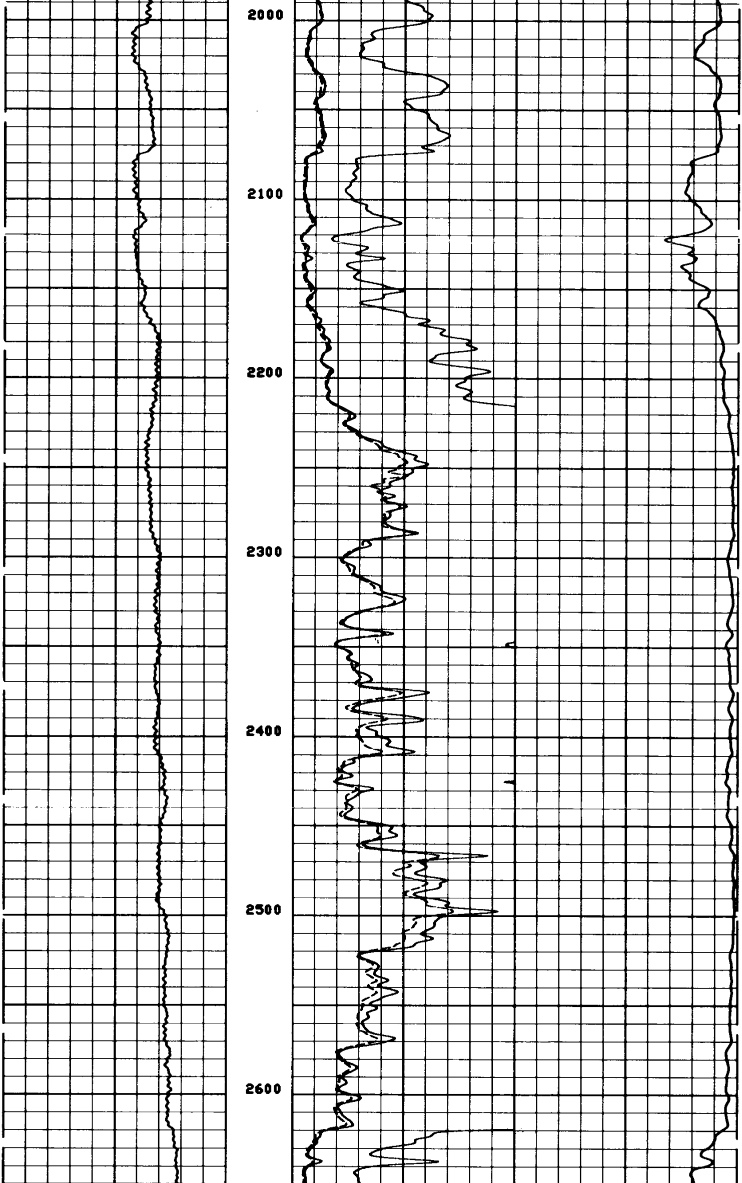
FILE

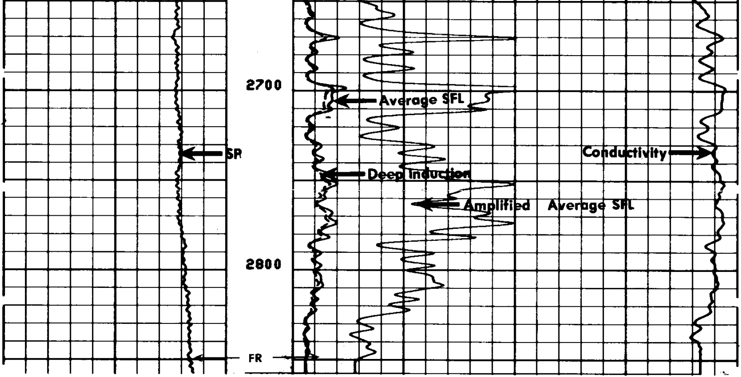
6











FILE

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SP (MV)	-120.0	-20.0
ILD (OHMM)	0.0	100.0
SFLA(OHMM)	0.0	20.00
SFLA(OHMM)	0.0	100.0
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	6.250
SBR	OHMM	1.000	DSEC	MM/M	5.000	DTF	US/F	189.0
FPHI		SPHI	MSEC	MM/M	6.200			
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	6.250
SBR	OHMM	1.000	DSEC	MM/M	5.000	DTF	US/F	189.0
FPHI		SPHI	MSEC	MM/M	6.200			
DO		0.0	BHS		OPEN			

RWA (OHMM)	0.0	10.00
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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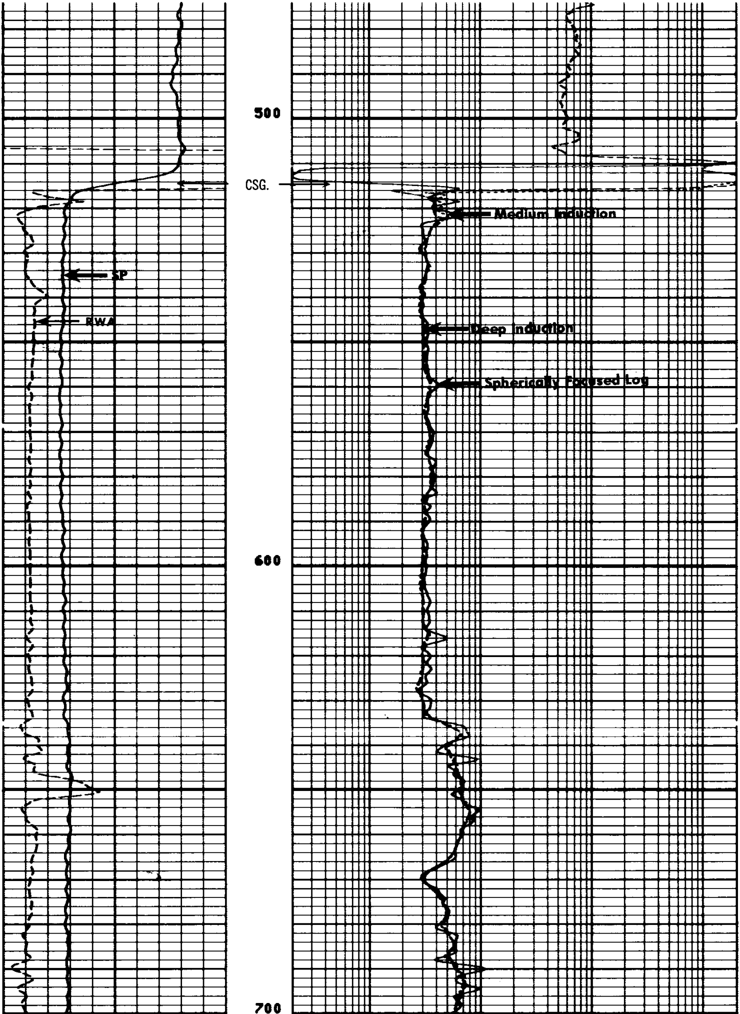

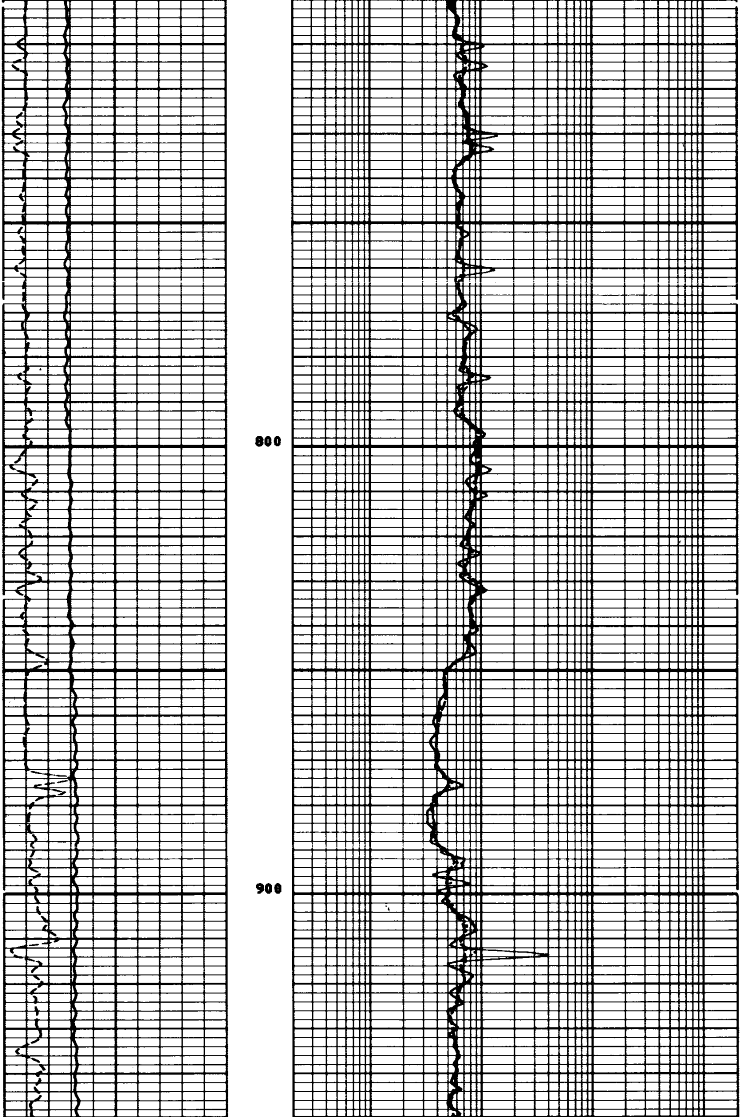

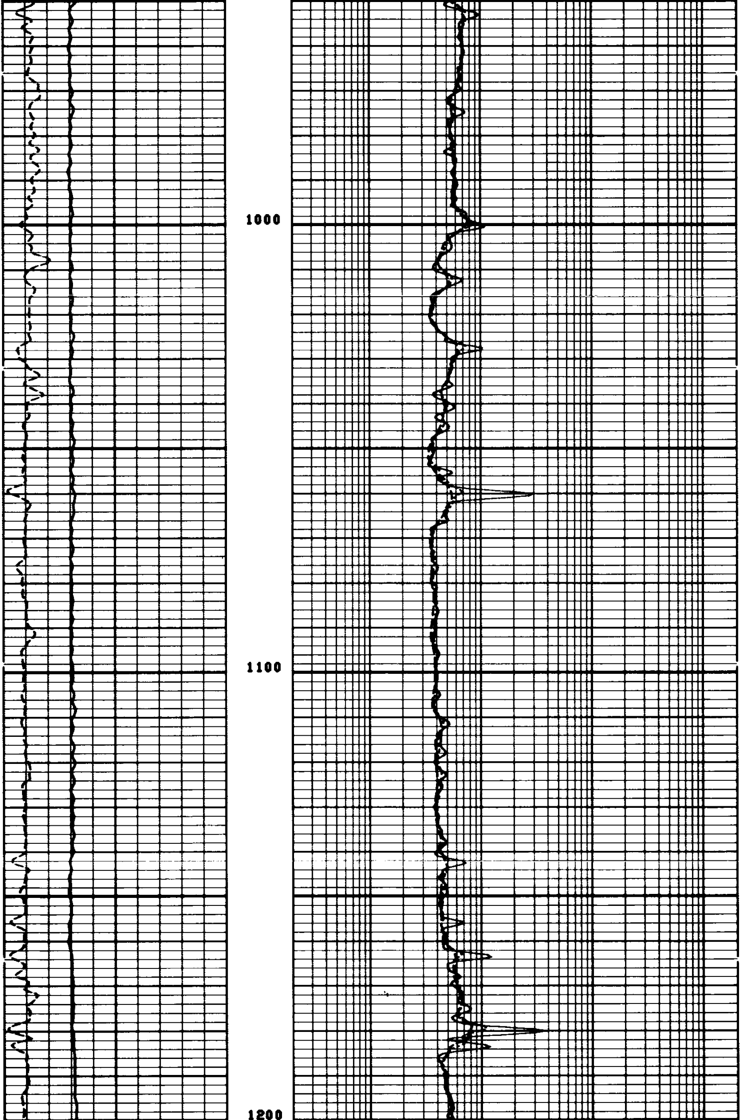

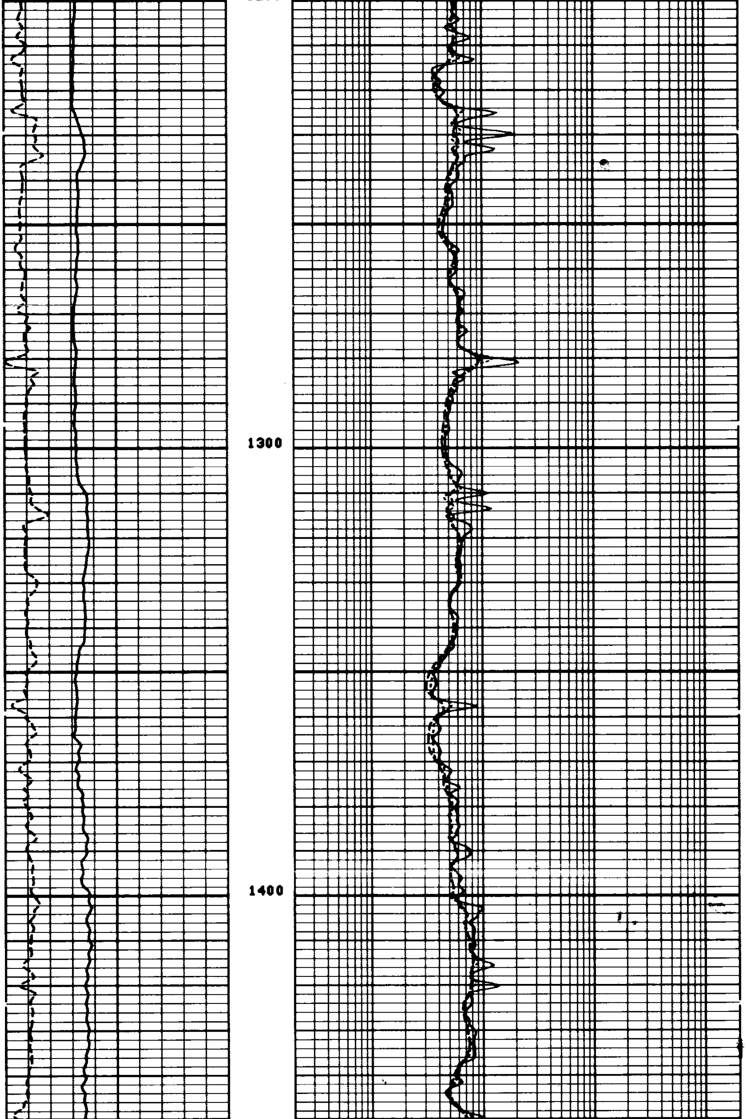

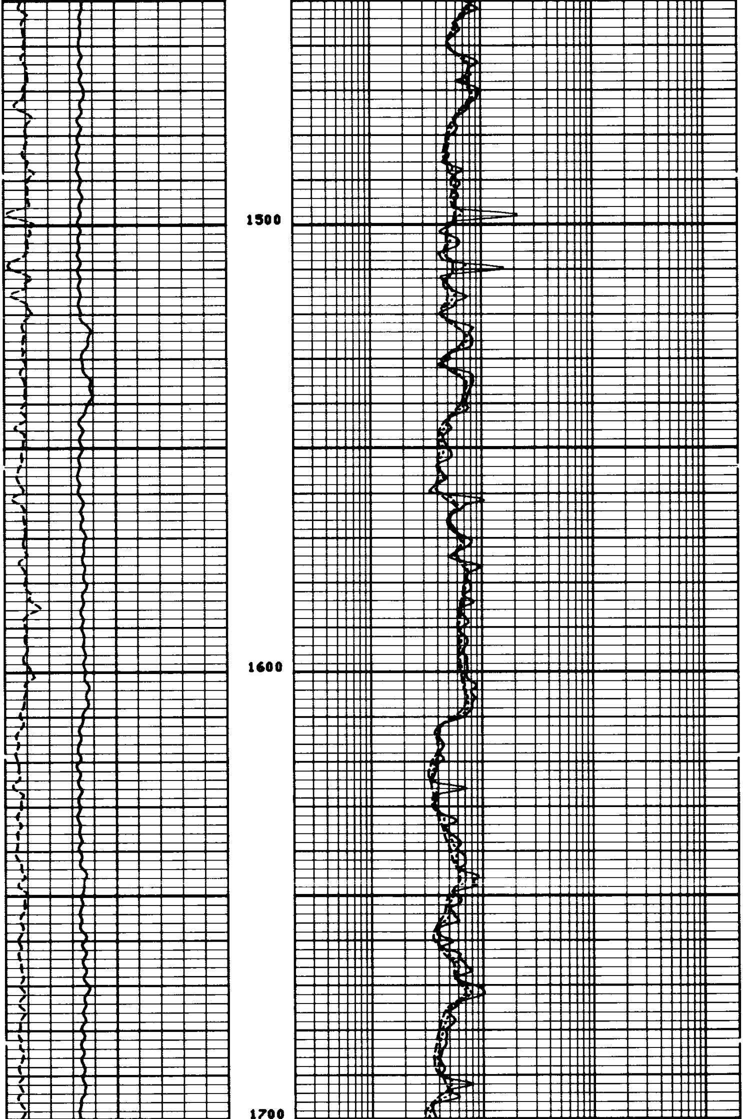

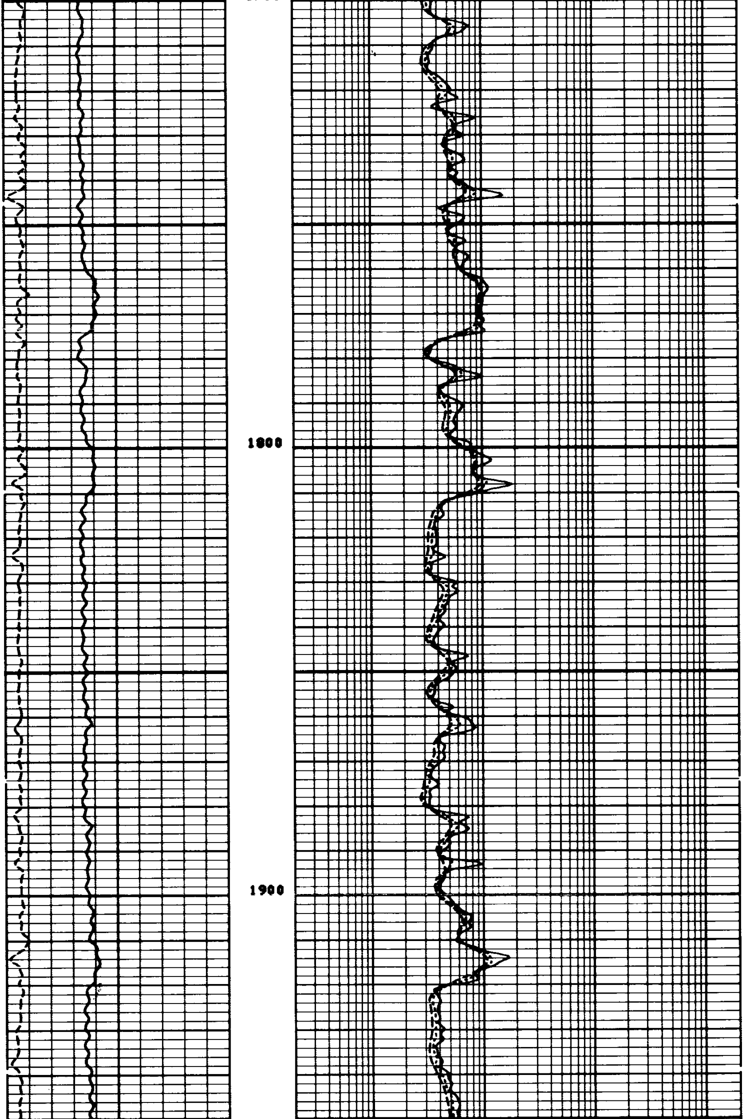

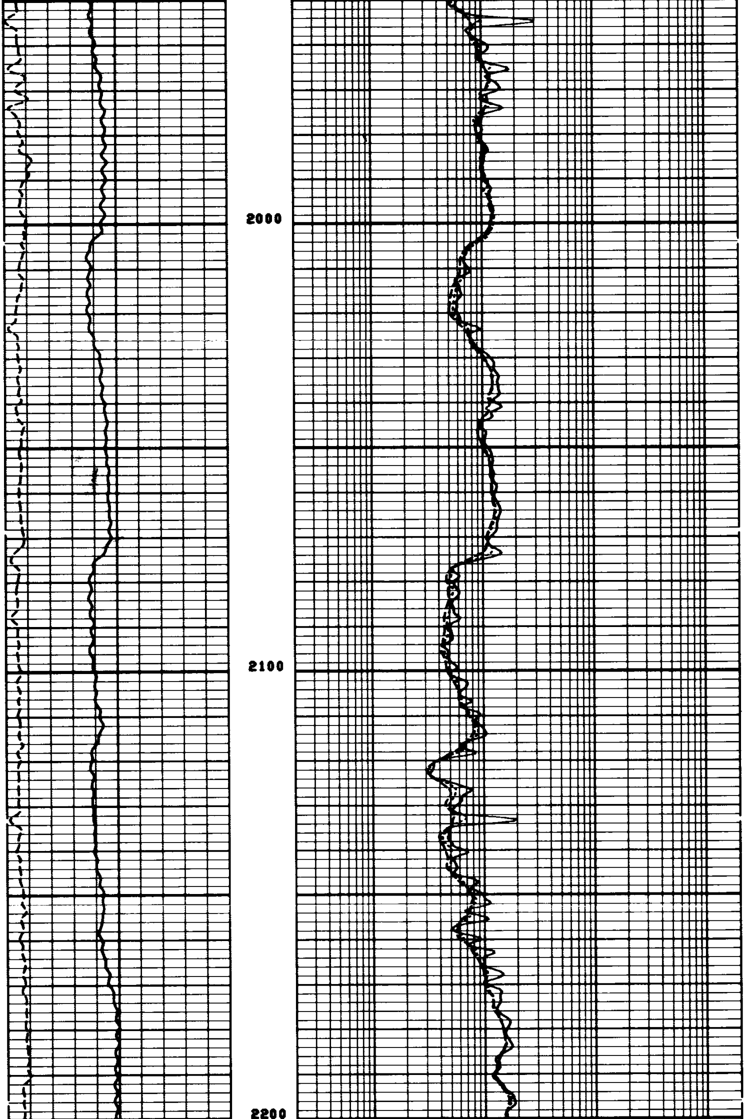

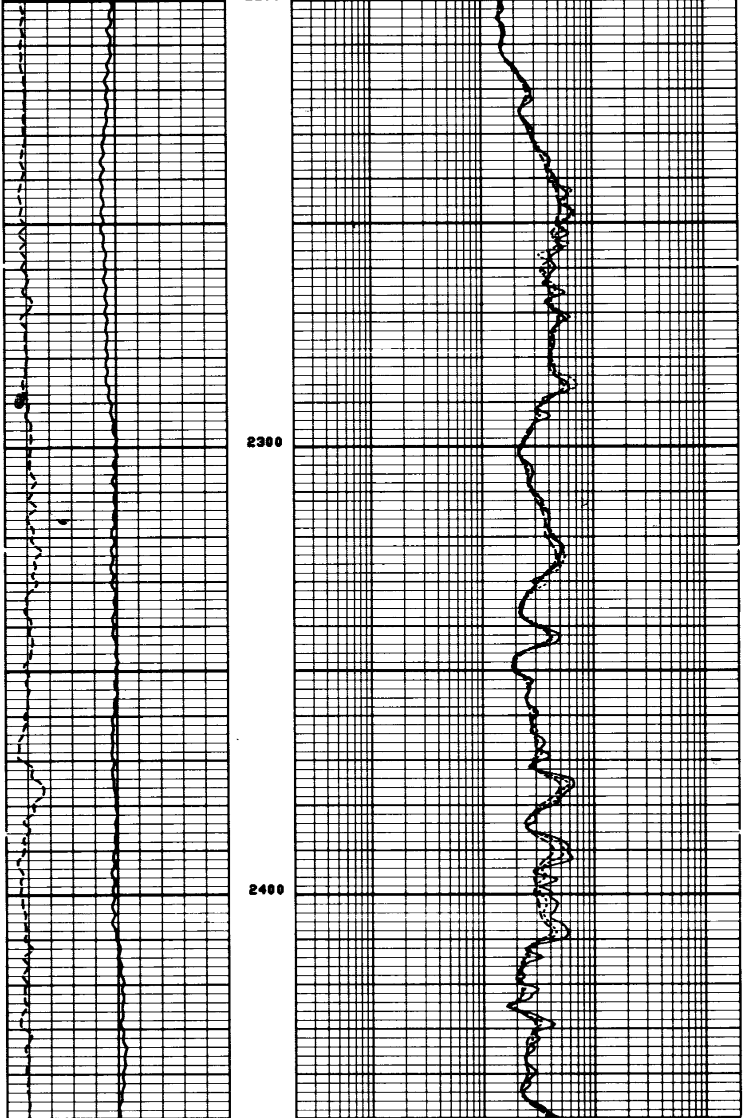

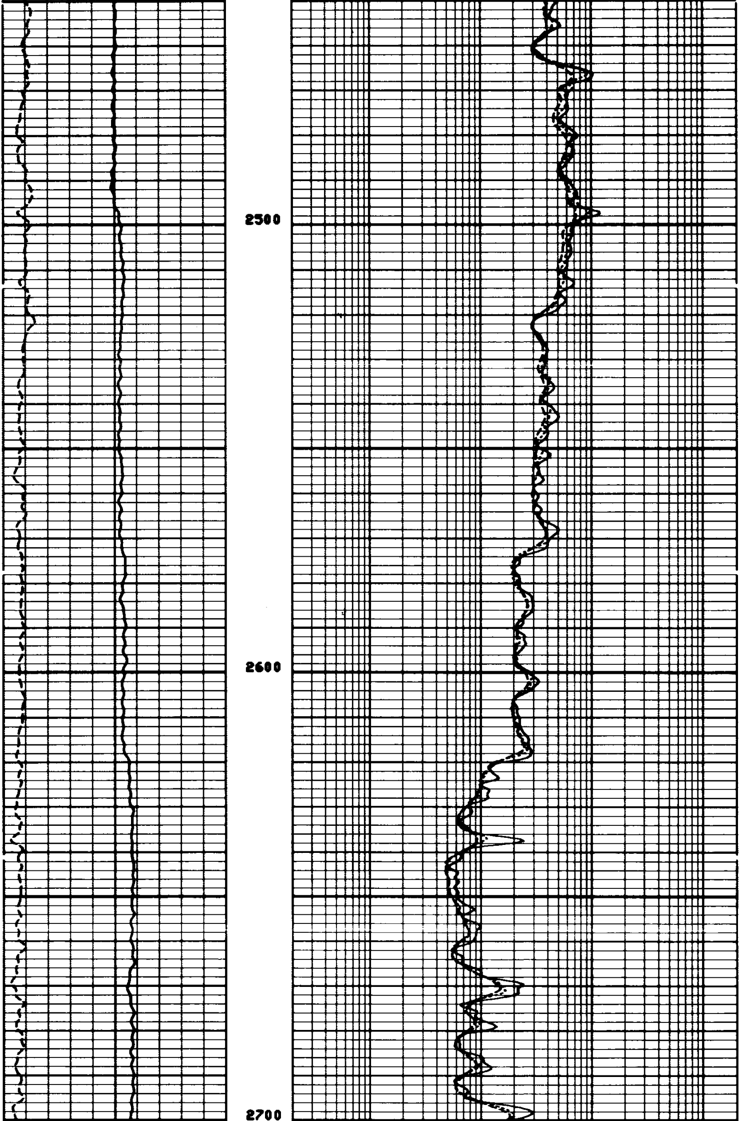

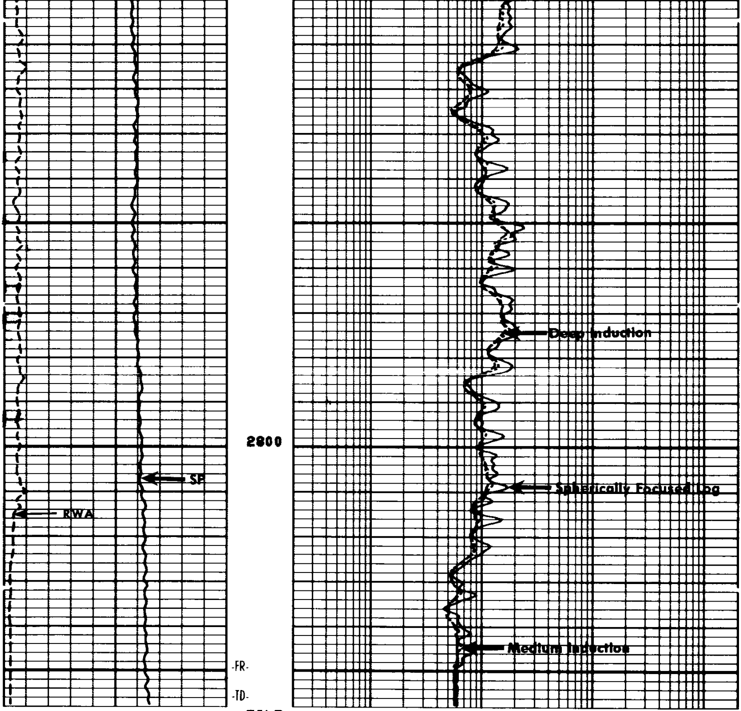

FILE

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Curve	Left scale	Right scale
RWA (OHMM)	0.0	10.00
SP (MV)	-100.0	0.0
ILD (OHMM)	0.2000	2000.
ILM (OHMM)	0.2000	2000.
SFLU(OHMM)	0.2000	2000.

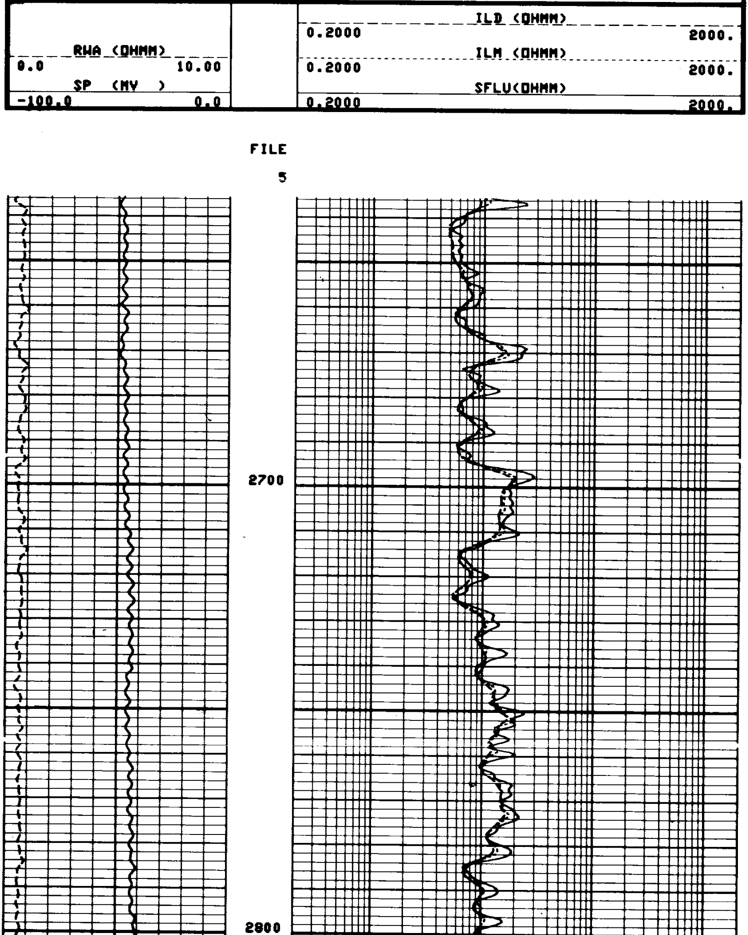
PARAMETERS

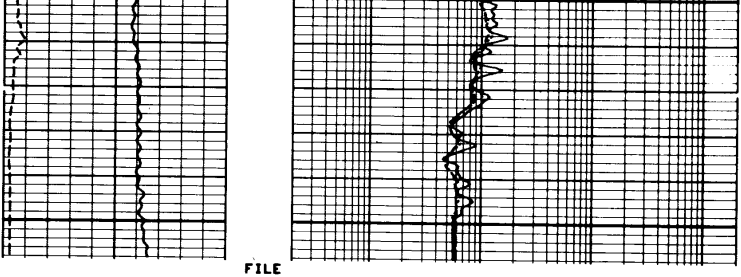
NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	56.00	CDTS		100.0	BS	INCH	6.250
SBR	OHMM	1.000	DSEC	MM/M	5.000	DTF	US/F	189.0
FPHI		SPHI	MSEC	MM/M	6.200			
DO		0.0	BHS		OPEN			

REPEAT SECTION REPEAT SECTION REPEAT SECTION REPEAT SECTION

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	56.00	CDTS		100.0	BS	INCH	6.250
SBR	OHMM	1.000	DSEC	MM/M	5.000	DTF	US/F	189.0
FPHI		SPHI	MSEC	MM/M	6.200			
DO		0.0	BHS		OPEN			





FILE

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CALIBRATION RECORD

ILD (OHMM)

0.2000 2000.

CALIBRATION BEFORE SURVEY

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BEFORE SURVEY CALIBRATION SUMMARY


PERFORMED:      80/12/11
PROGRAM FILE: ISN     (VERSION     18.2     80/ 4/29)


DITD                  ELECTRONICS CALIBRATION SUMMARY

              MEASURED                           CALIBRATED
           ZERO      PLUS                     ZERO       PLUS          UNITS
   ILD      2.6     594.6                      0.0      499.8           MM/M
   ILM      0.8     620.2                      0.0      499.9           MM/M
   SFL     -5.3     534.5                      0.0      499.9           MM/M

ILM   SONDE ERROR CORRECTION :          6.2    MM/M
ILD   SONDE ERROR CORRECTION :          5.0    MM/M


MCDB                  CALIPER CALIBRATION SUMMARY

              MEASURED                           CALIBRATED
           SMALL     LARGE                    SMALL      LARGE         UNITS
  CALI      5.3       9.6                      6.0       12.0           IN
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FILE

4

CALIBRATION AFTER SURVEY

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AFTER SURVEY TOOL CHECK SUMMARY


PERFORMED:      80/12/11
PROGRAM FILE: ISN     (VERSION     18.2     80/ 4/29)


DITD                           TOOL   CHECK

                     ZERO                             PLUS
             BEFORE          AFTER          BEFORE         AFTER      UNITS
   ILD         0.0            -0.1          499.8          490.0      MM/M
   ILM         0.0            -0.1          499.9          490.8      MM/M
   SFL         0.0            -0.2          499.9          499.5      MM/M

ILM   SONDE ERROR CORRECTION :          6.2    MM/M
ILD   SONDE ERROR CORRECTION :          5.0    MM/M
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FILE

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SHOP  SUMMARY


PERFORMED:      80/10/24
PROGRAM FILE:   SHOP    (VERSION     16.4     79/11/20)
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DITD                    ELECTRONICS CALIBRATION SUMMARY

                  ELECTRONICS CALIBRATION            SONDE
               MEASURED           CALIBRATED         ERROR      TEST
             ZERO     PLUS      ZERO      PLUS       CORR.      LOOP       UNITS
       ILD    5.0     499.4      0.0      499.8       5.36      490.2      MM/M
       ILM    6.2     527.8      0.0      499.9      13.24      502.3      MM/M

                          (IS:35    , IC:47     )
```

CALIBRATION RECORD

COMPANY AMERICAN QUASAR PETROLEUM COMPANY

WELL HENSCHELL NO. 17-34

FIELD ALBANY

COUNTY LINN

STATE OREGON

SCHL. FR 2848

SCHL. TD 2856

DRLR. TD 2856

Elev: KB 210.5

DF --

GL 200.0

SWS-2517