COUNTY [illegible]
FIELD YOUNGS RIVER
LOCATION 17-6N-8W
WELL CROWN ZELLERBACH 31-17
COMPANY DIAMOND SHAMROCK CORPORATION

Schlumberger

DUAL INDUCTION LATEROLOG
WITH LINEAR CORRELATION LOG

COMPANY DIAMOND SHAMROCK CORPORATION

WELL CROWN ZELLERBACH 31-17

FIELD YOUNGS RIVER

COUNTY CLATSOP **STATE** OREGON

LOCATION 1300' FWL AND 2350' FEL OF

API SERIAL NO	SEC	TWP	RANGE
	17	6N	8W

Other Services:
HDT
FDC/CNL-GR
DIL/SNP

Permanent Datum: ; Elev.: 512
Log Measured From Ft. Above Perm. Datum
Drilling Measured From

Elev.: K.B 523
D.F. -
G.L. 512

RECEIVED-PTLD
FEB 2 1982
DEPT OF GEOLOGY

Date	7/30/81			
Run No.	ONE			
Depth—Driller	6095			
Depth—Logger	6096			
Btm. Log Interval	6090			
Top Log Interval	976			
Casing—Driller	@	@	@	@
Casing—Logger				
Bit Size				
Type Fluid in Hole				
Dens. | Visc.				
pH | Fluid Loss	ml	ml	ml	ml
Source of Sample				
R_m @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
Source: R_{mf} | R_{mc}				
R_m @ BHT	@ °F	@ °F	@ °F	@ °F
Circulation Stopped				
Logger on Bottom				
Max. Rec. Temp.	°F	°F	°F	°F
Equip. | Location				
Recorded By				
Witnessed By				

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

Run No.	[illegible]			
Service Order No.	[illegible]			
Fluid Level	[illegible]			
Salinity - PPM CL.	-			
Speed - F.P.M.	[illegible]			

EQUIPMENT DATA

Panel No.	[illegible]			
Cart No.	[illegible]			
Sonde No.	[illegible]			
Mem. Panel No.	-			
G.R. Panel No.	-			
G.R. Cart. No.	-			
Tape Recorder - (TTR)	-			
Depth Encoder - (DRE)	-			
Pressure Wheel (CPW)	-			
Type Centralizers	-			
Stand Off - Inches	1			

CALIBRATION DATA

Sonde Error - ILM	[illegible]			
Sonde Error - ILD	[illegible]			
G.R. BKG. - CPS.	-			
G.R. Source - CPS	-			

LOGGING DATA

S.E. Log - ILM	[illegible]			
S.E. Log - ILD	[illegible]			
S.E. - Set in Hole - Depth	-			
S.E. Corr. - Hole Size	-			
G.R. Scale per 100 Div.	-			
G.R. - T.C.	-			
G.R. Sens.	-			

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole
SP	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]

REMARKS

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 inter- [illegible] expenses incurred or [illegible] Clause 4 of our General [illegible]

SPONTANEOUS-POTENTIAL

– |↔| + MILLIVOLTS

CONDUCTIVITY MILLIMHOS M $\frac{1000}{\text{OHMS M}^2\text{/M}}$

DEEP INDUCTION

500 0

RESISTIVITY OHMS M²/M

DEEP INDUCTION

0 20

0 200

AVERAGED LATEROLOG - 8

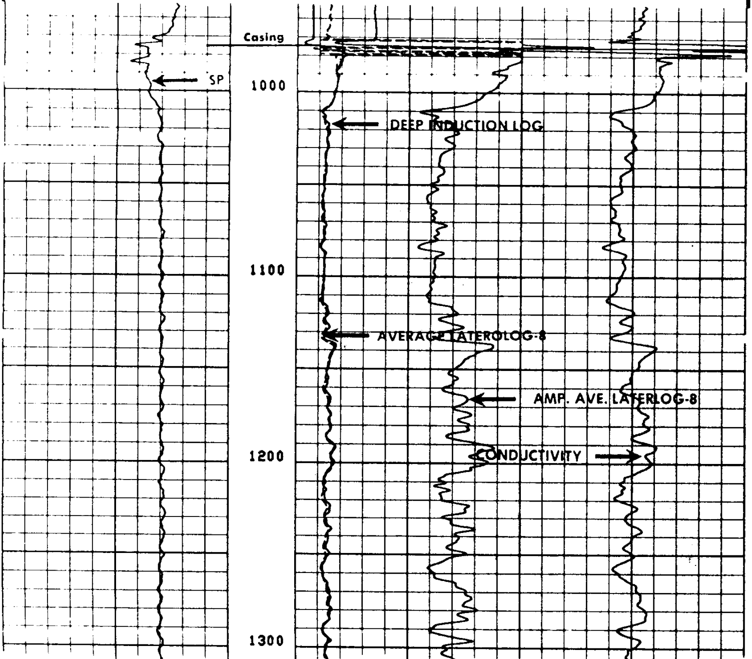
0 20

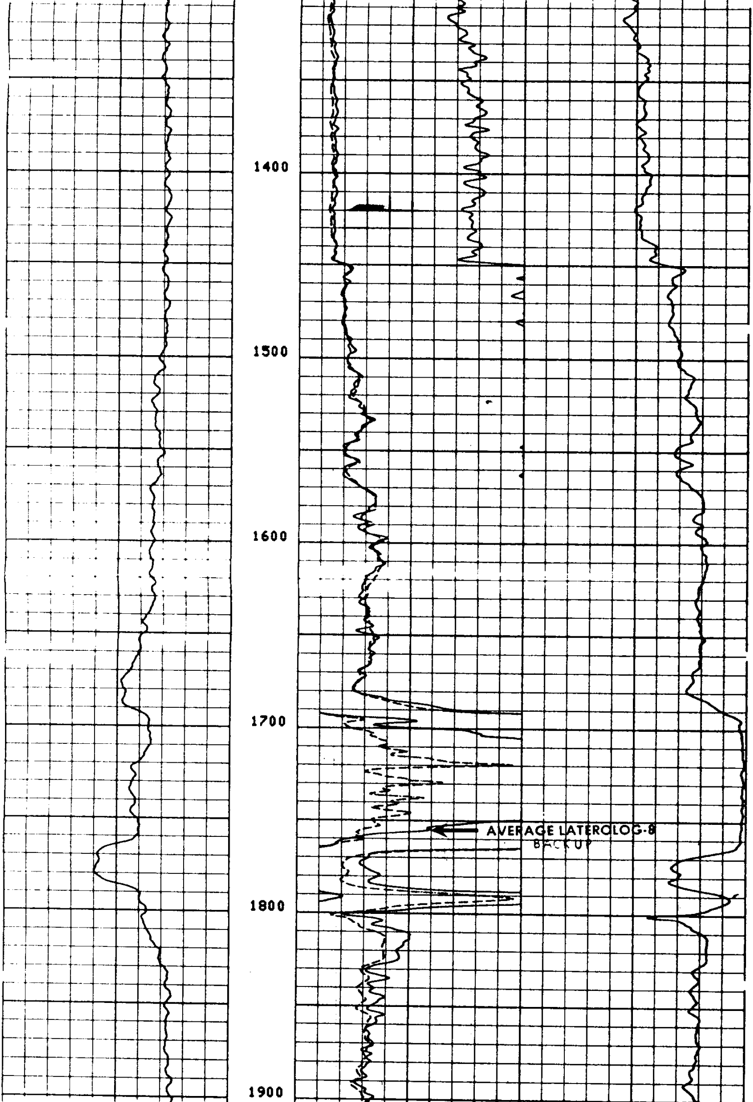
0 200

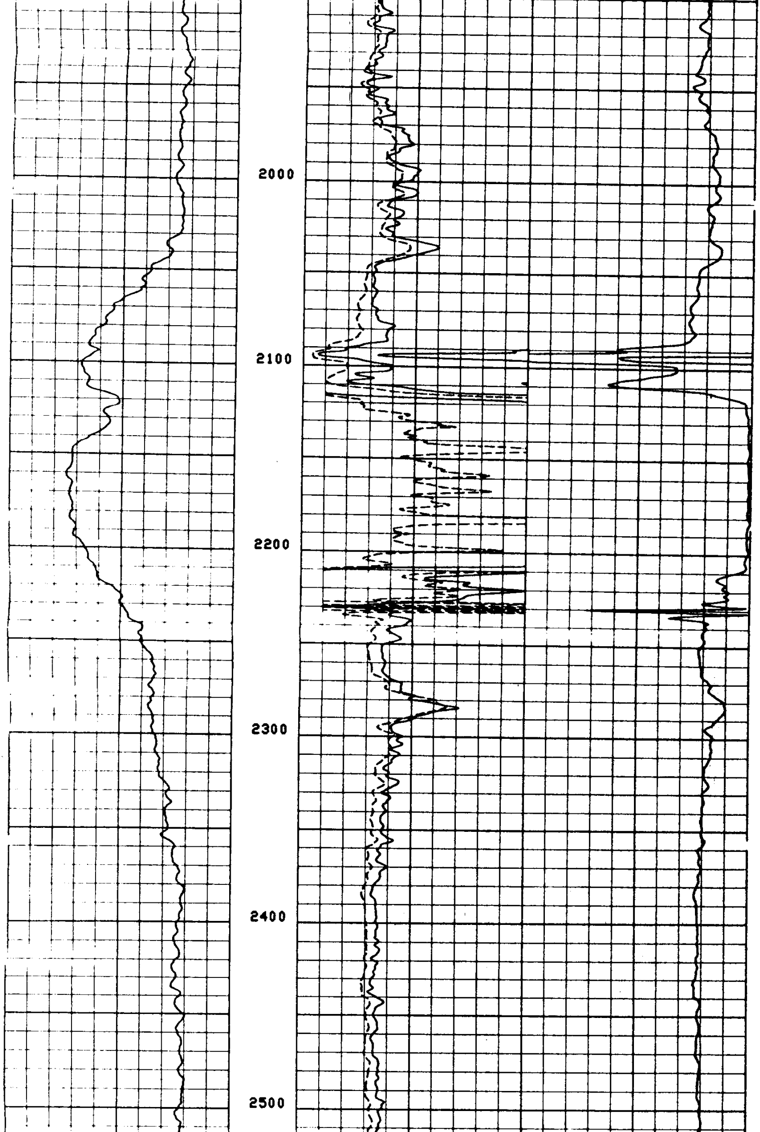
AMP. AVE. LATEROLOG — 8

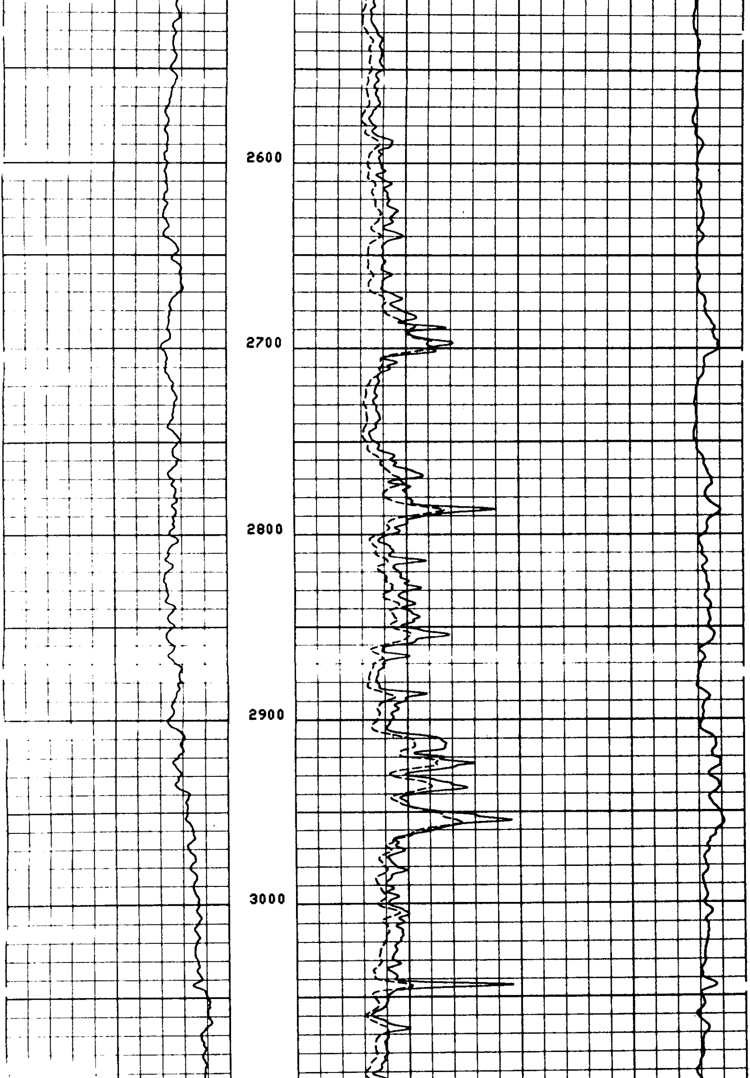
FILE

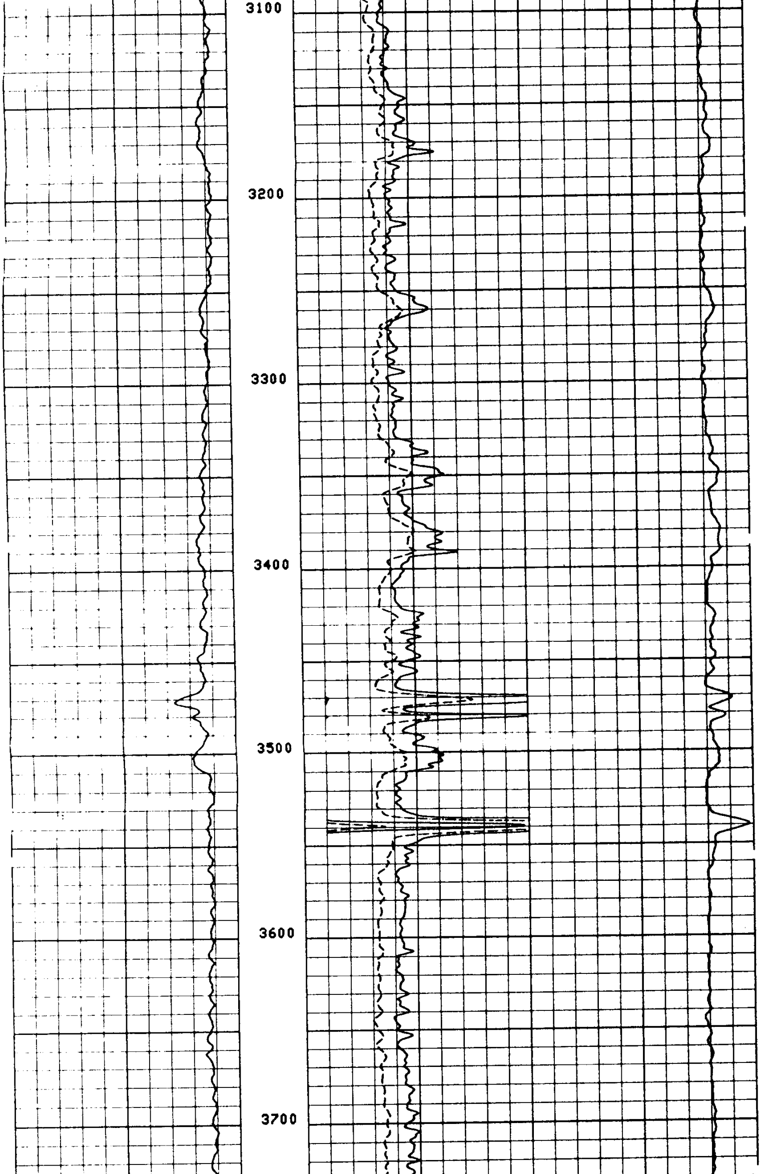
5

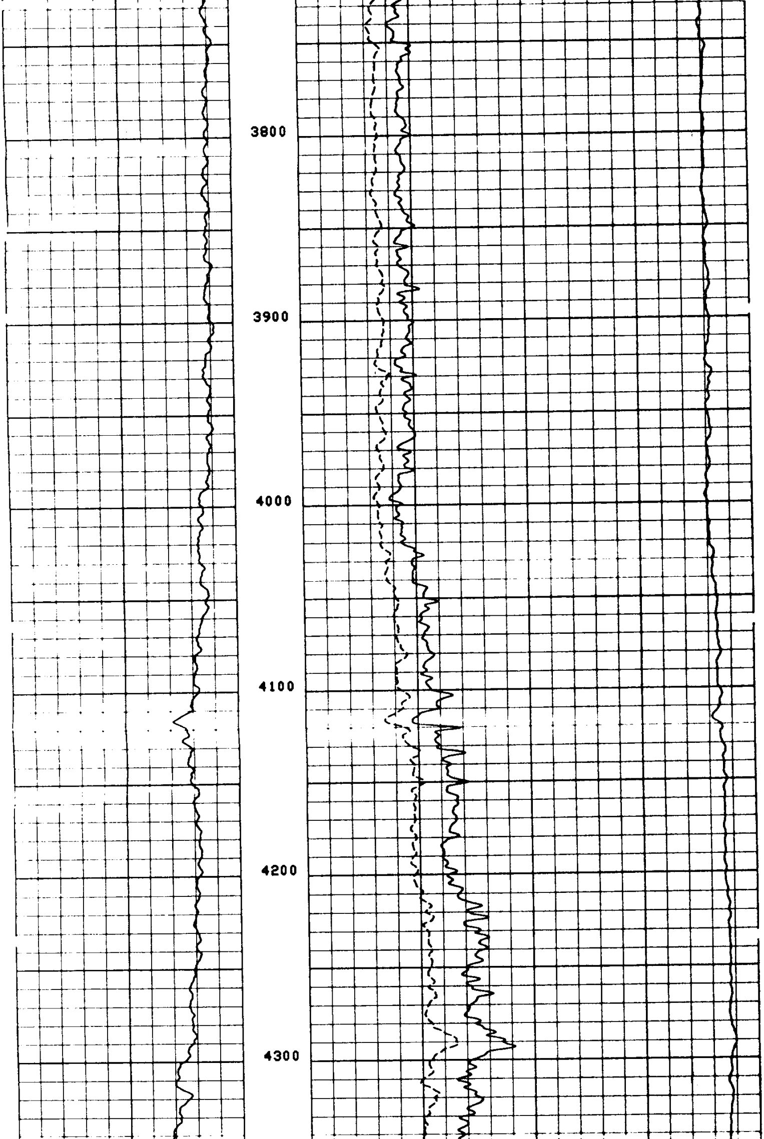


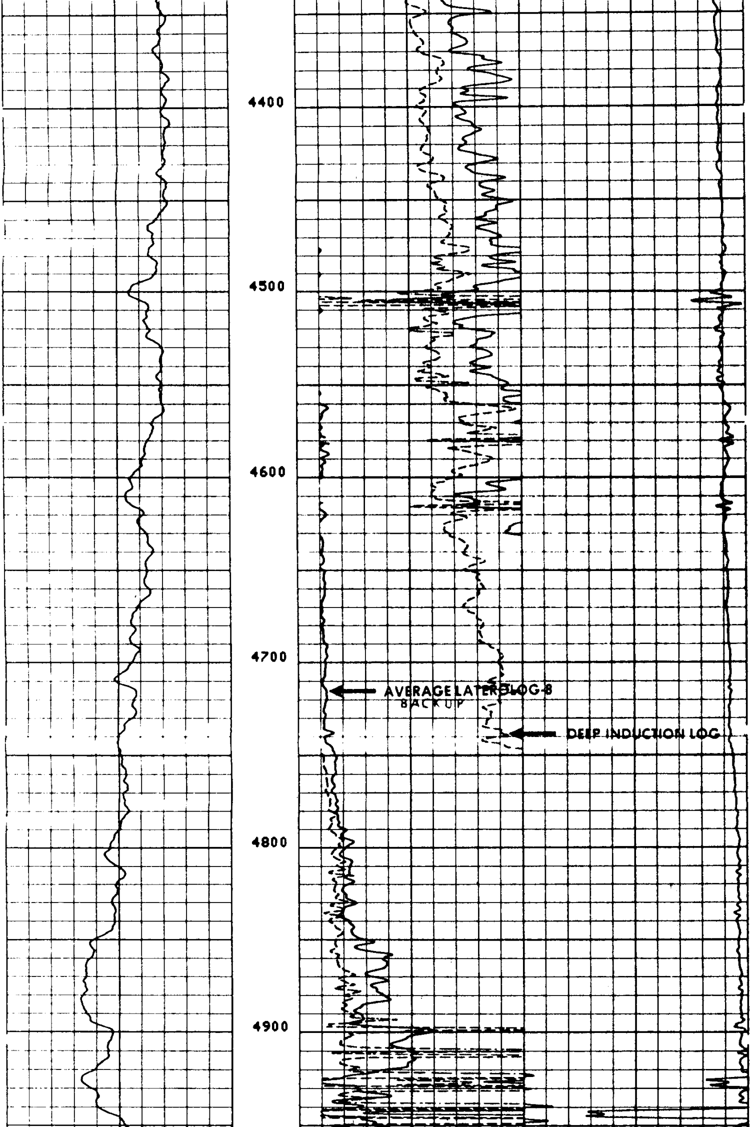


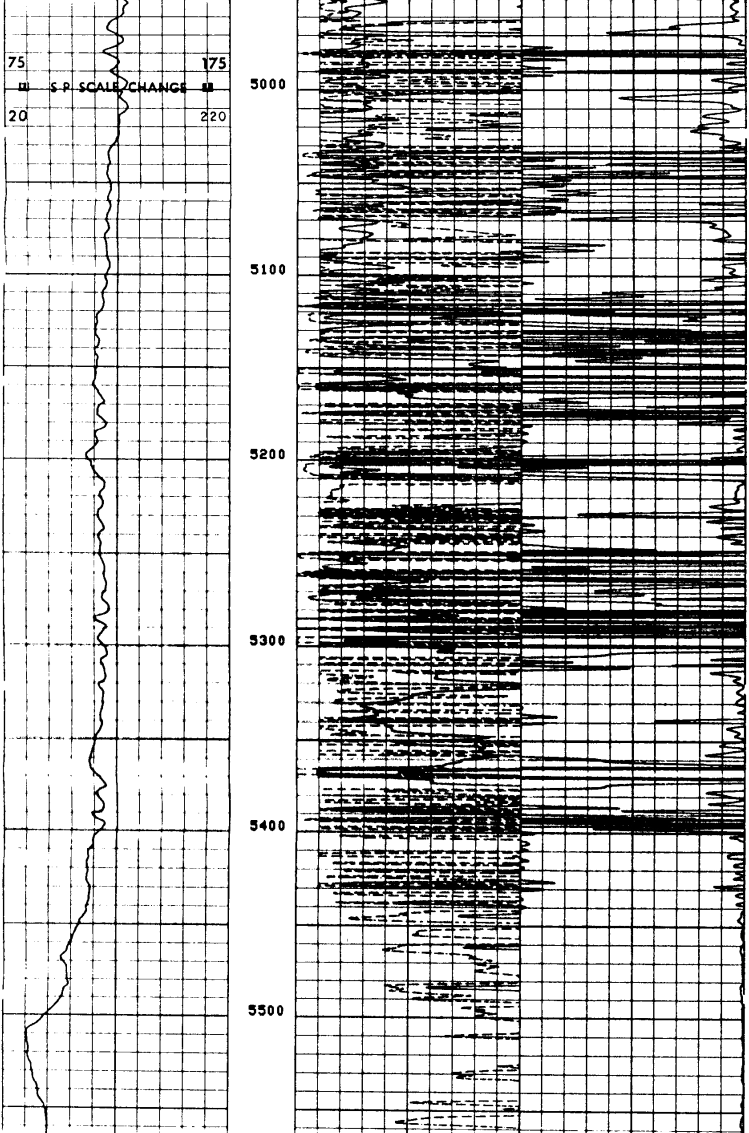


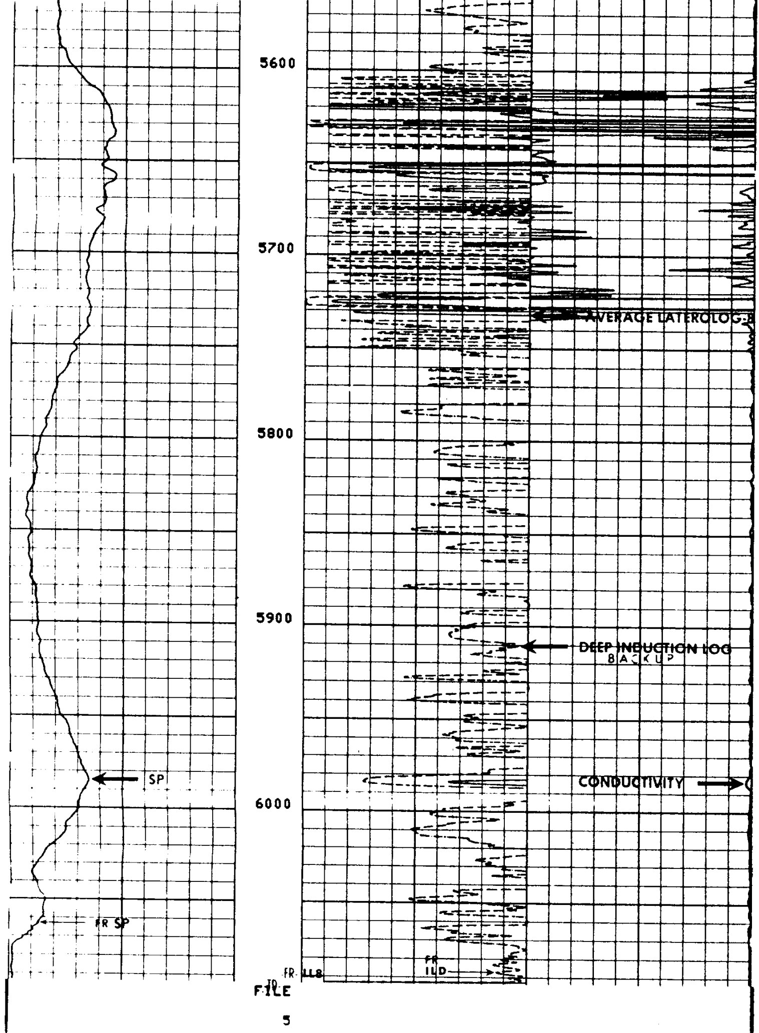












SPONTANEOUS POTENTIAL

− |↔| + MILLIVOLTS

CONDUCTIVITY MILLIMHOS/M = $\frac{1000}{\text{OHMS M}^2/\text{M}}$

DEEP INDUCTION

500 0

RESISTIVITY OHMS M²/M

DEEP INDUCTION

0 30

0 300

AVERAGED LATEROLOG-8

0 30

0 300

AMP. AVE. LATEROLOG — 8

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

AMPL	42.6	FEET	DT	40.1	FEET
SRAT	40.1	FEET	CBL	42.6	FEET
CALI	30.5	FEET	TT	42.6	FEET
ILM	2.8	FEET	ILD	6.5	FEET
SP	2.8	FEET	LL8	2.8	FEET
TENS	.0	FEET	SPAR	2.8	FEET
NOIS	34.3	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
CDTS	180.0		BS	8.750	IN
DTF	189.0	US/F	DTM	55.60	US/F
SBR	1.000	OHMM	DSEC	7.900	MMHO
FPHI	SPHI		MSEC	10.70	MMHO
FNUM	0.6200		FEXP	2.150	
DO	0.0		BHS	OPEN	

COMPANY DIAMOND SHAMROCK CORPORATION

WELL CROWN ZELLERBACH 31-17

FIELD YOUNGS RIVER

COUNTY CLATSOP STATE OREGON

SCHL. FR 6090

SCHL. TD 6096

DRLR. TD 6095

Elev: KB 523

DF -

GL 512