Schlumberger

DUAL INDUCTION-SFL
WITH LINEAR CORRELATION LOG

COUNTY CROOK
FIELD LOGAN BUTTF
LOCATION 17-19S-20E
WELL LOGAN BUTTE UNIT 17 NO. 1
COMPANY TEXACO, INC.

COMPANY TEXACO, INC.
WELL LOGAN BUTTE UNIT 17-NO. 1 Well 17-01
FIELD LOGAN BUTTE
COUNTY CROOK **STATE** OREGON

LOCATION 1670' SOUTH & 251' EAST FROM THE NORTH QUARTER CORNER

API SERIAL NO.	SEC.	TWP	RANGE
	17	19S	20E

Other Services:
BHC
HDT
FDC/CNL/GR
RFT

Permanent Datum: GL ; Elev.: 5100
Log Measured From KB 12 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 5112
D.F. --
G.L. 5100

RECEIVED PTLD
MAR 25 1981

Date	12-2-80	2-1-81		
Run No.	ONE	TWO		
Depth—Driller	2000	6505		
Depth—Logger (Schl.)	1993	6490		
Btm. Log Interval	1987	6484		
Top Log Interval	380	2002		
Casing—Driller	13 3/8" @ 380	9 5/8" @ 2000	@	@
Casing—Logger	380	2002		
Bit Size	12 1/4"	8.5		
Type Fluid in Hole	GEL-CYPAN	GEL-CYPAN		
Dens. | Visc.	9.7 | 45	10.6 | 44		
pH | Fluid Loss	8.0 | - ml	10 | 8 ml	ml	ml
Source of Sample	CIRCULATION	CIRCULATION		
Rm @ Meas. Temp.	10.9 @ 44 °F	2.75 @ 63 °F	@ °F	@ °F
Rmf @ Meas. Temp.	11.5 @ 54 °F	3.80 @ 44 °F	@ °F	@ °F
Rmc @ Meas. Temp.	6.9 @ 56 °F	3.84 @ 50 °F	@ °F	@ °F
Source: Rmf | Rmc	M | M	M | M		
Rm @ BHT	5.86 @ 87 °F	1.1 @ 154 °F	@ °F	@ °F
TIME: Circulation Stopped	1000 11/30	0600		
TIME: Logger on Bottom	0330	1700		
Max. Rec. Temp.	87 °F	154 °F	°F	°F
Equip. | Location	8128 | SAC	8126 | SAC		
Recorded By	LANGFORD	FINNELL		
Witnessed By	CONDRA	SLATE		

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

Run No.	ONE	TWO		
Service Order No.	[illegible]	[illegible]		
Fluid Level	FULL	FULL		
Salinity ppm. cl	-	-		
Speed F.P.M.	100	60		
EQUIPMENT DATA				
Panel No.	384	232		
Cartridge No.	47	35		
Sonde No.	83	100		
Mem. Panel No.	CSU	CSU		
G.R. Panel No.	-	-		
G.R. Cart No.	-	-		
Tape Recorder - (TTR)	-	-		
Depth Encoder - (DRE)	-	-		
Pressure Wheel - (CPM)	-	-		
Type Centralizers	FIN	FIN		
Stand Off - Inches	1	1.5		
CALIBRATION DATA				
SBR	1.0	1.0		
Sonde Error - ILM	16.67	7.0		
Sonde Error - ILD	4.8	4.36		
G.R. BKG. - CPS.	-	-		
G.R. Source - CPS.	-	-		
S.E. Set In Hole - Depth	-	-		
S.E. Corr. - Hole Size	-	-		
LOGGING DATA				
SBR	1.0	1.0		
Sonde Error Log - ILM	16.67	7.0		
Sonde Error Log - ILD	4.8	4.36		
G.R. Scale per 100 Div.	-	-		
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

SP SHIFT AT 1000'

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
SBR	OHMM	1.000	DSEC	MM/M	4.800	BS	INCH	12.25
FPHI		PHIX	MSEC	MM/M	16.62			
DO		0.0	BHS		OPEN			

ILD (OHMM) 0.0 50.00

SFLA(OHMM) 0.0 10.00

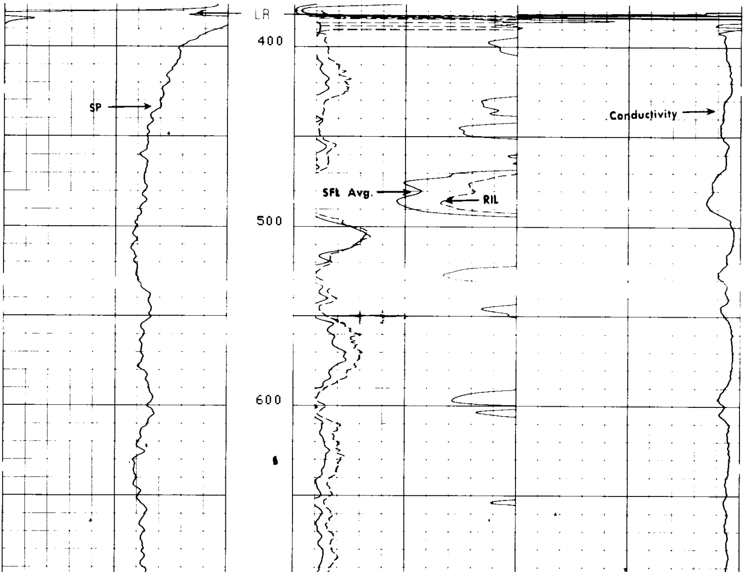
SP (MV) -100.0 -50.00

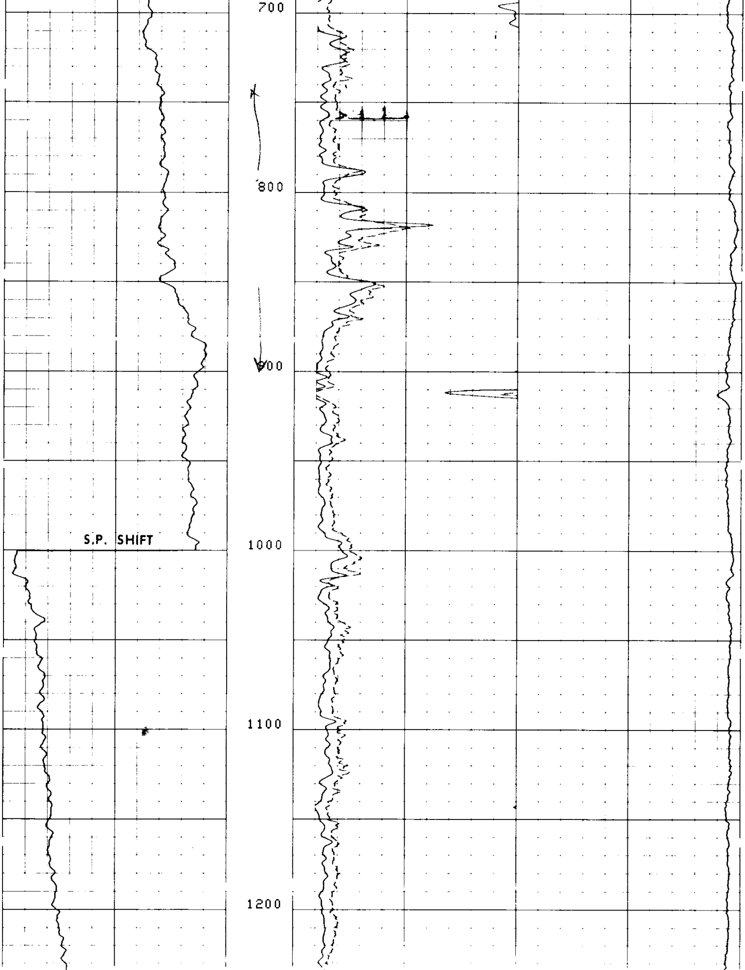
SFLA(OHMM) 0.0 50.00

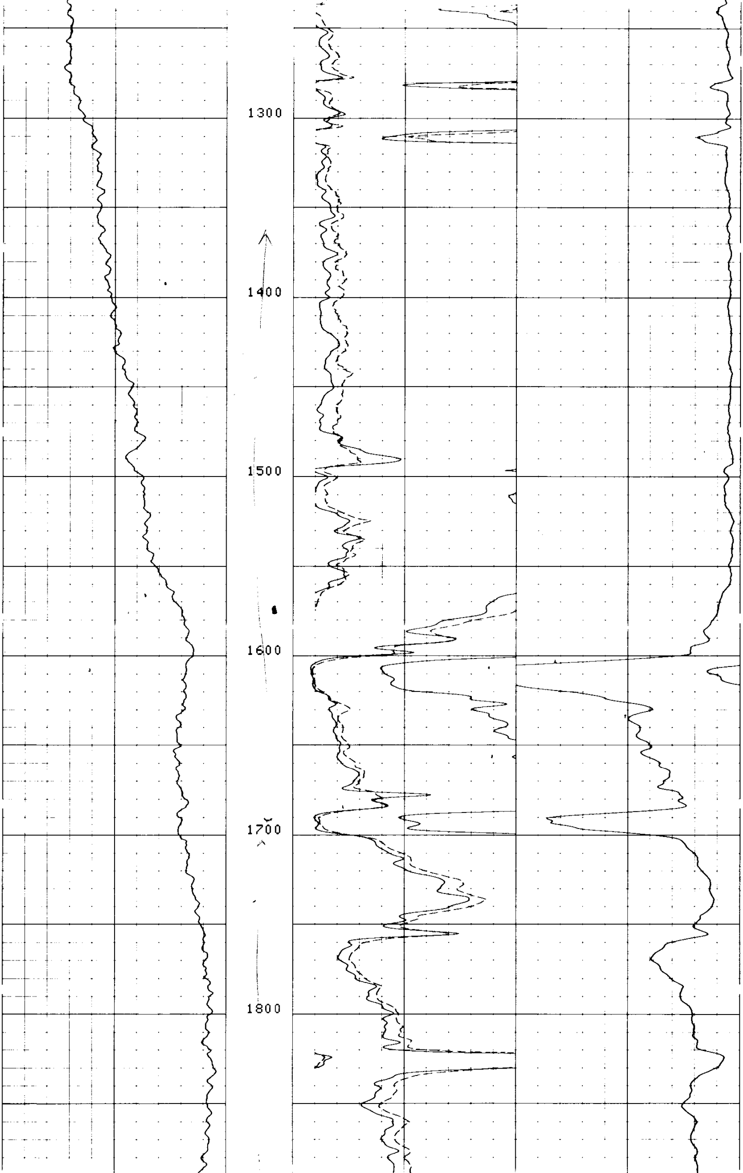
CILD(MM/M) 200.0 0.0

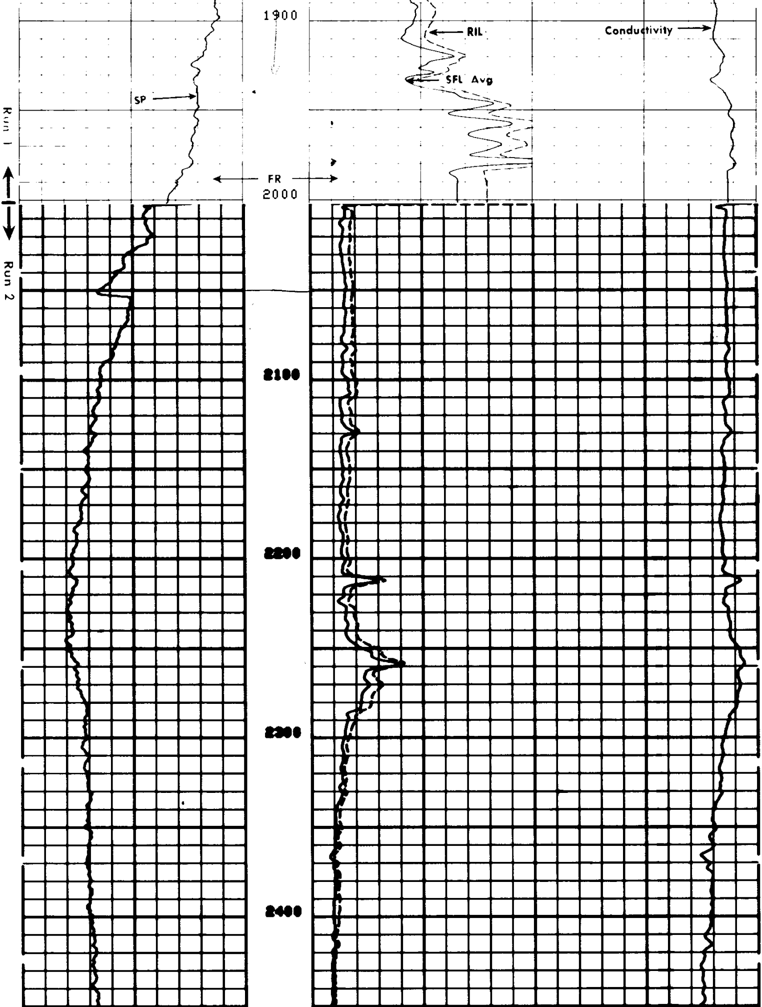
FILE

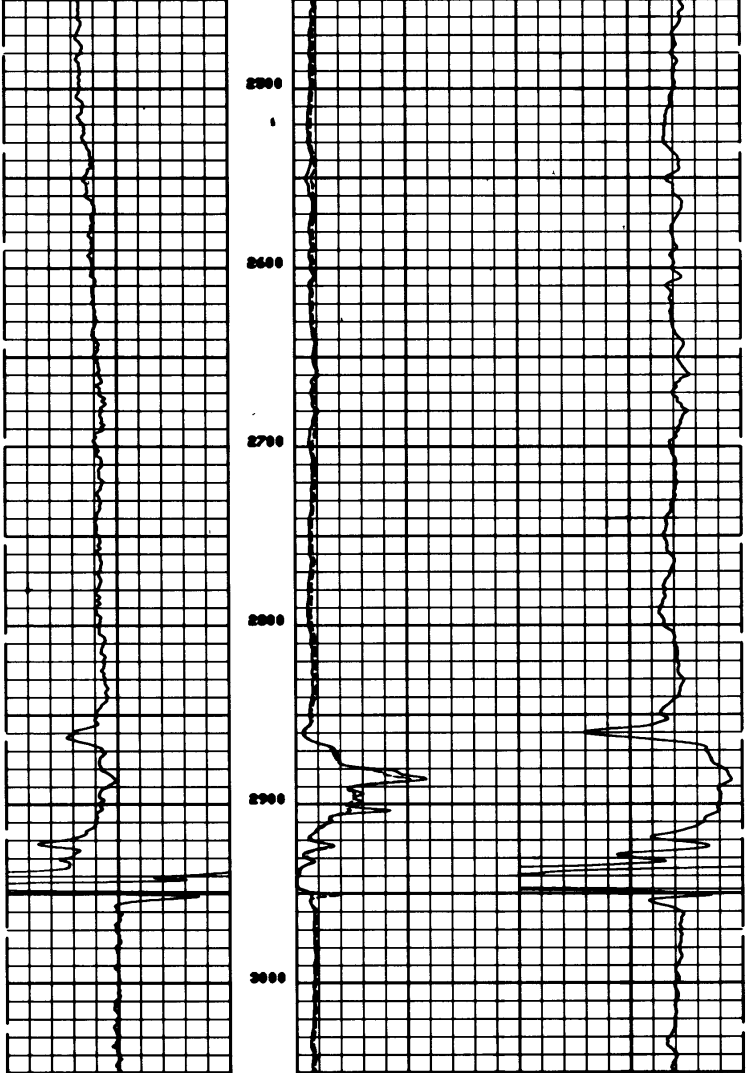
1

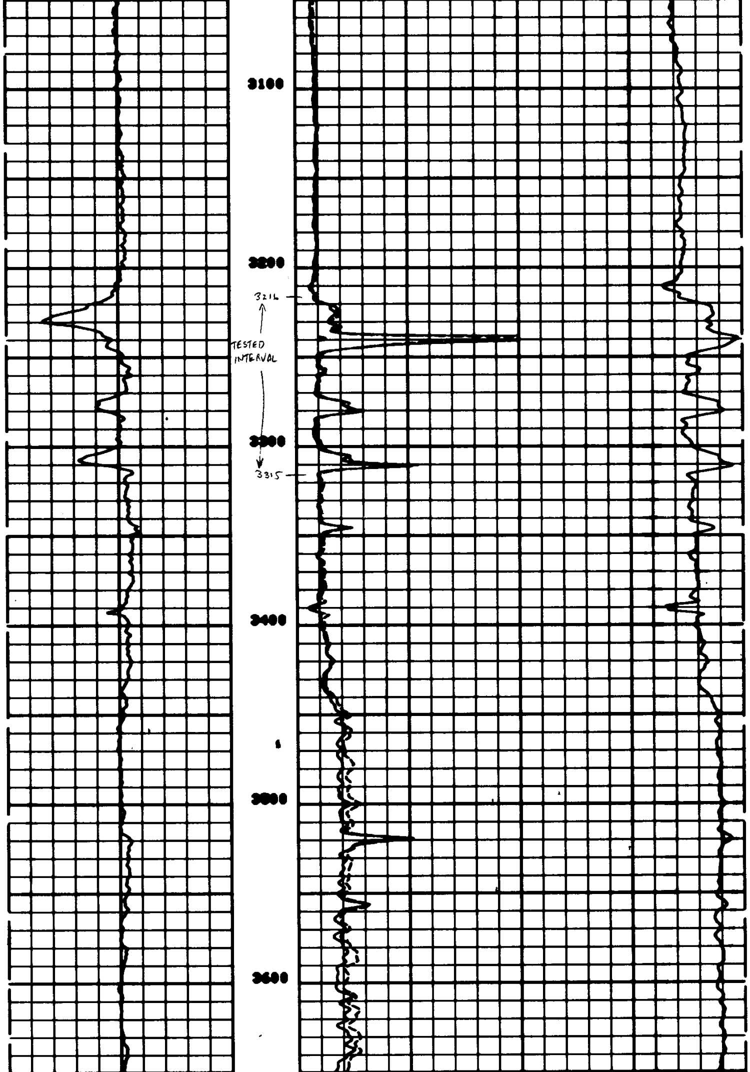


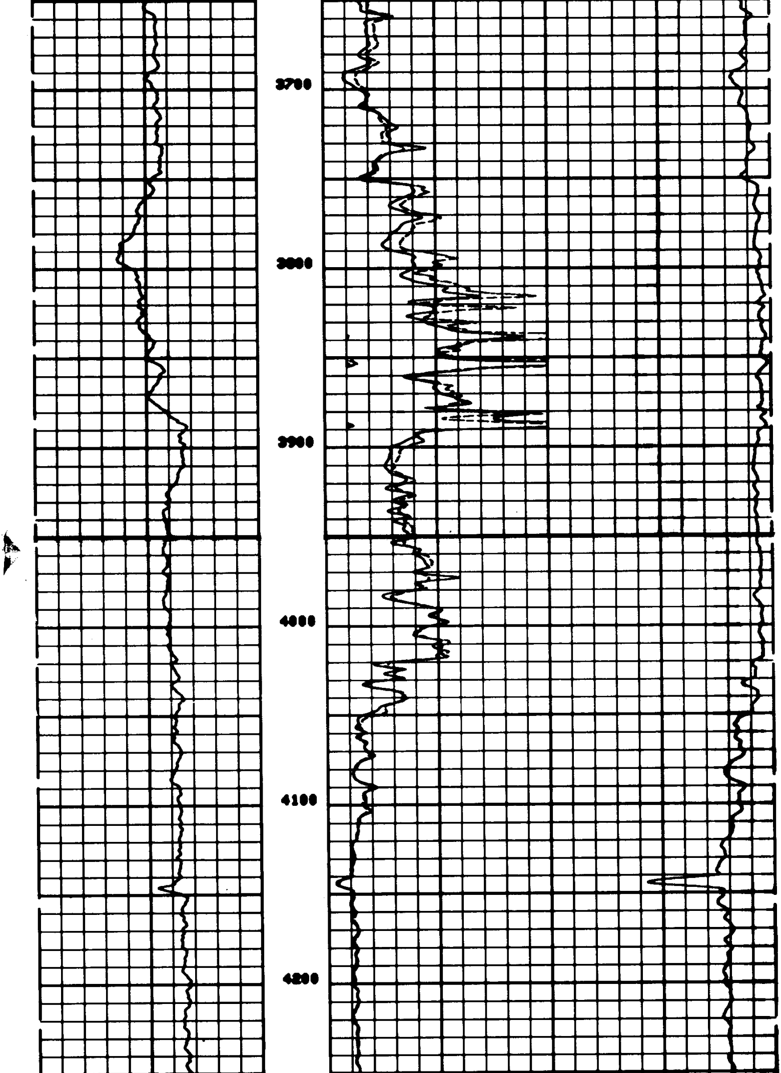


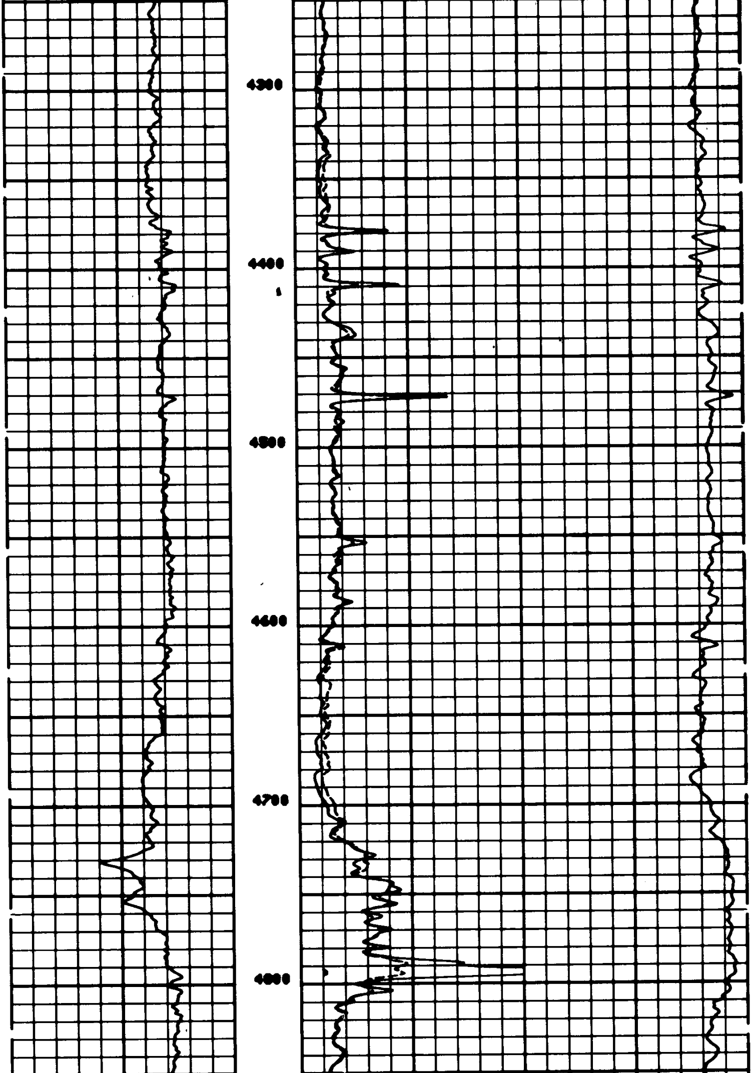


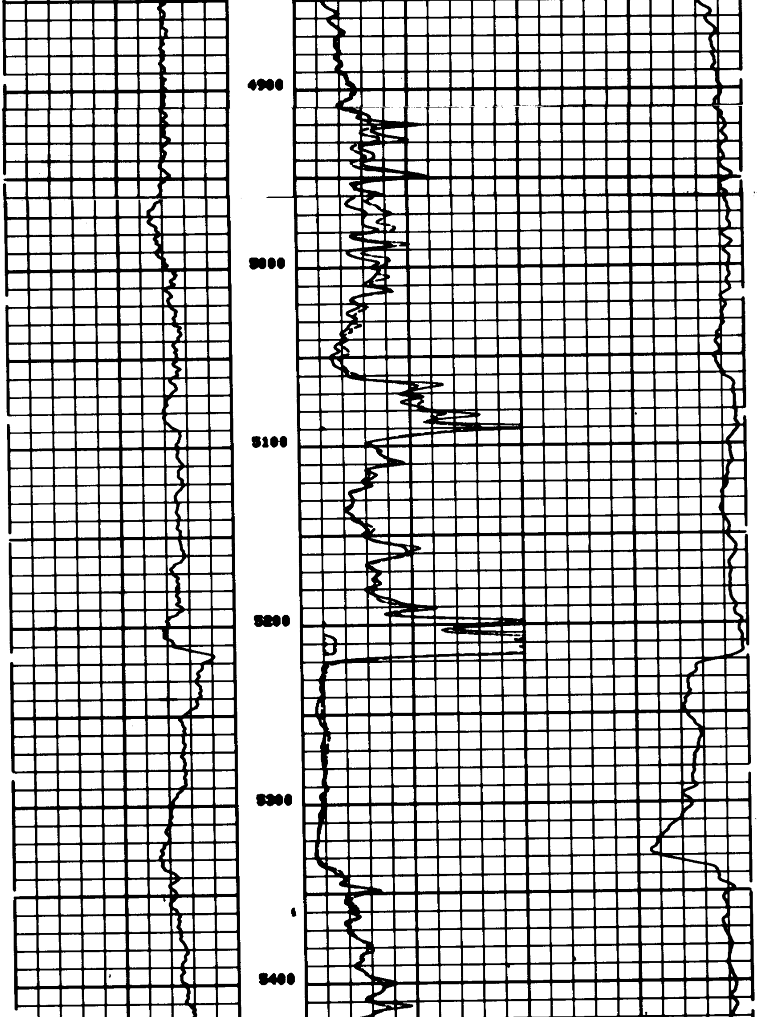


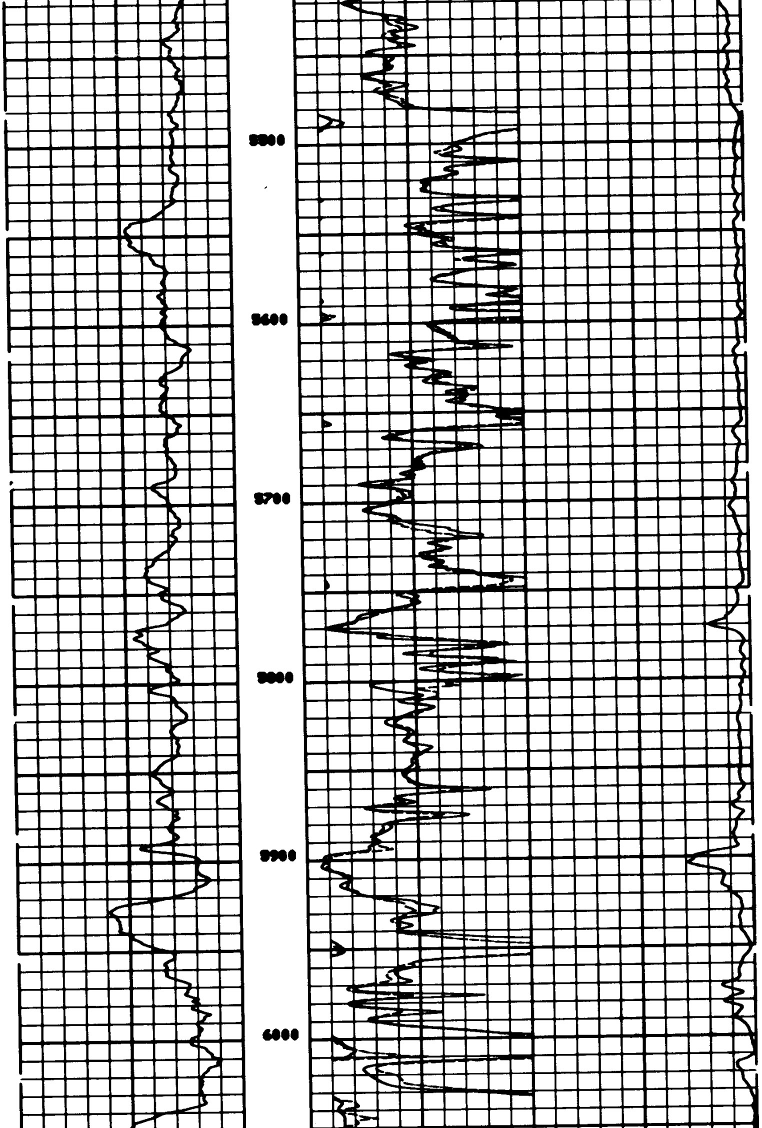


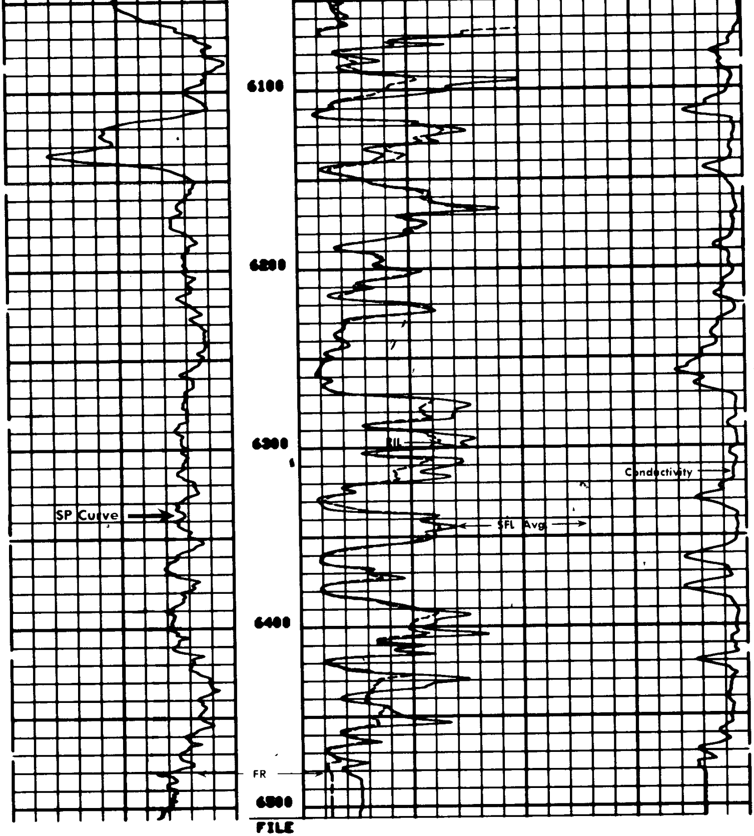












FILE

7

SP (MV)		ILD (OHMM) 0.0 200.0 SFLA(OHMM)	CILD(MM/M)
-35.00 15.00		0.0 200.0	200.0 0.0

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	55.60	CBTS		100.0	BS	INCH	8.500
SDR	OHMM	1.000	BSEC	MM/M	4.360	DTF	US/F	189.0
FPHI		SPHI	HSEC	MM/M	7.000			
DG		0.0	BHS		OPEN			

COMPANY	TEXACO INC.	SCHL. FR	6484
		SCHL. TD	6490
WELL	LOGAN BUTTE UNIT 17 NO.1	DRLR. TD	6505
FIELD	LOGAN BUTTE	Elev: KB	5112
		DF	--
COUNTY	CROOK STATE OREGON	GL	5100