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

Schlumberger

BOREHOLE COMPENSATED SONIC LOG

COMPANY TEXACO, INC.

WELL WELL 17-01 LOGAN BUTTE UNIT 17 NO. 1

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:
DIL
HDT
RFT
FDC/CNL/GR

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

Date	12-2-80	2-1-81		
Run No.	ONE	TWO		
Depth—Driller	2000	6505		
Depth—Logger (Schl.)	1993	6490		
Btm. Log Interval	1987	6450		
Top Log Interval	380	2000		
Casing—Driller	13⅜" @ 380	9⅝" @ 2000	@	@
Casing—Logger	380	2000		
Bit Size	12¼"	8½"		
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	3.8 @ 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	0530	1700		
Max. Rec. Temp.	87 °F	154 °F	°F	°F
Equip. | Location	8128 | SAC	8126 | SAC	|	|
Recorded By	LANGFORD	FINNELL		
Witnessed By	CONDRA	SLATE		

RECEIVED
MAR 25 1981

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

Run No.	ONE	TWO		
Service Order No.	135687	205742		
Fluid Level	FULL	FULL		

EQUIPMENT DATA

Sonic Panel No.	383	443		
Sonic Cart No.	1321	-		
Sonic Sonde No.	375	-		
Mem. Panel No.	CSU	-		
G.R. Cart. No.	591	-		
G.R. Panel No.	443	-		
Caliper No.	290	1237		
TTR No.	-	-		
Centralizers: No.	ONE	-		
Type	CME-Z	-		
Standoffs: No.	ONE	-		
Type	FIN	-		
Time Const.-Sec.	CSU	AUTO		
Speed - F.P.M.	30	60		

CALIBRATION DATA

GR	BKG. CPS	11	18		
	Source CPS	176	184		
	Tc Sec	CSU	CSU		

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

LOGGING DATA

Porosity Selectors				Depth	
Δt_m	Δt_f	Cp	Ø Scale	From	To
55.6	189	100	-	1993	380

REMARKS

$$\text{Velocity (ft/sec)} = \frac{1{,}000{,}000}{\text{Interval Transit Time (microseconds per foot)}}$$

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

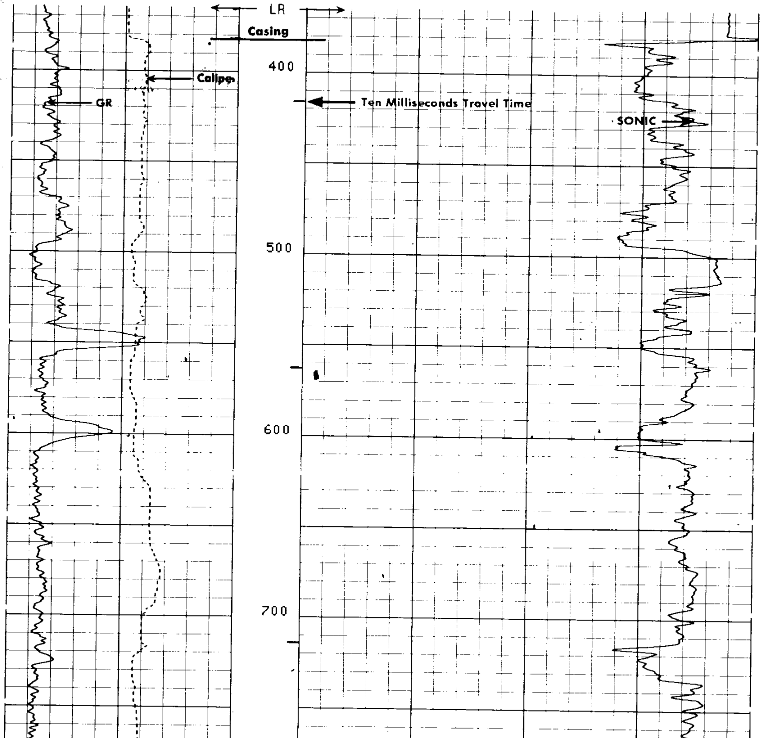
NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	55.60	CDTS		100.0	BS	INCH	12.25
FPHI		SPHI	DTF	US/F	189.0			
DO		0.0	BHS		OPEN			

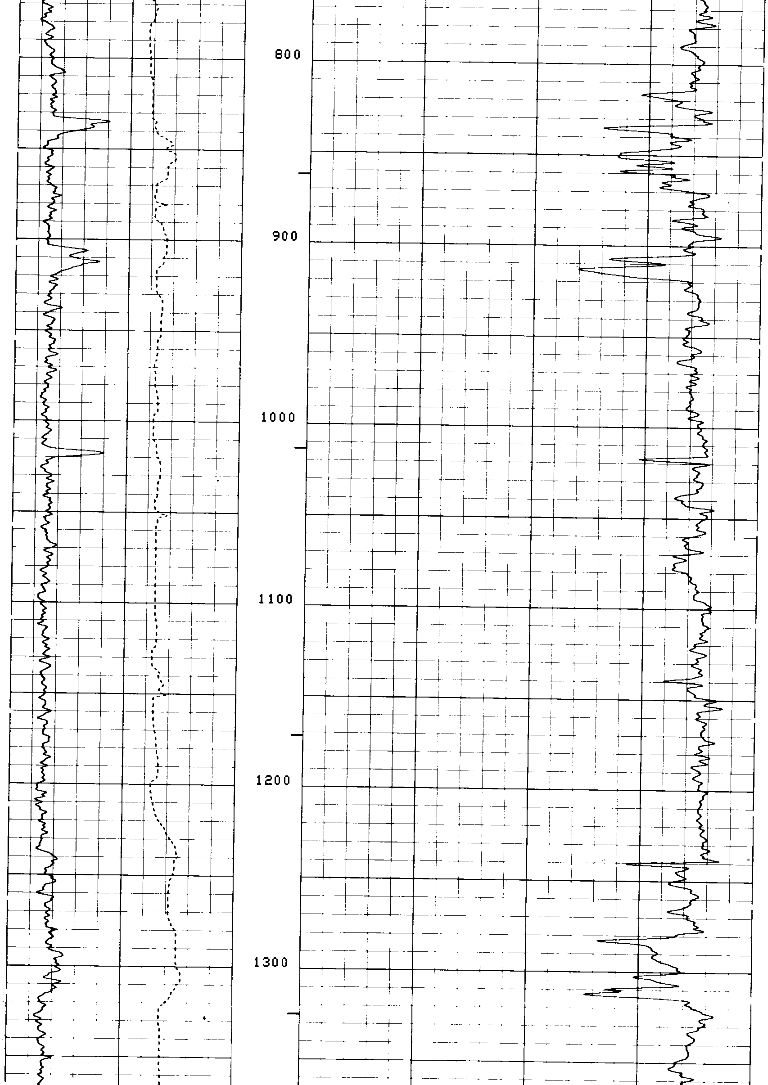
CALI(IN)
8.000 18.00
GR (GAPI)
0.0 150.0

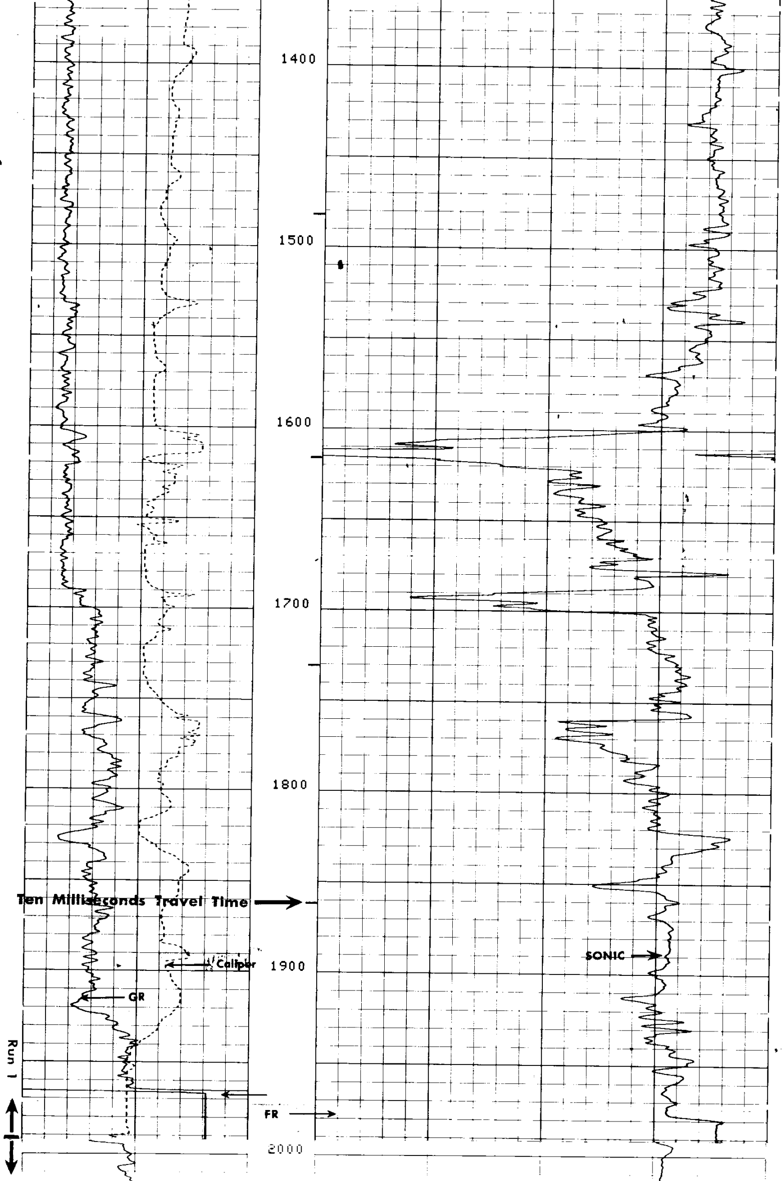
DT (US/F)
150.0 50.00

FILE

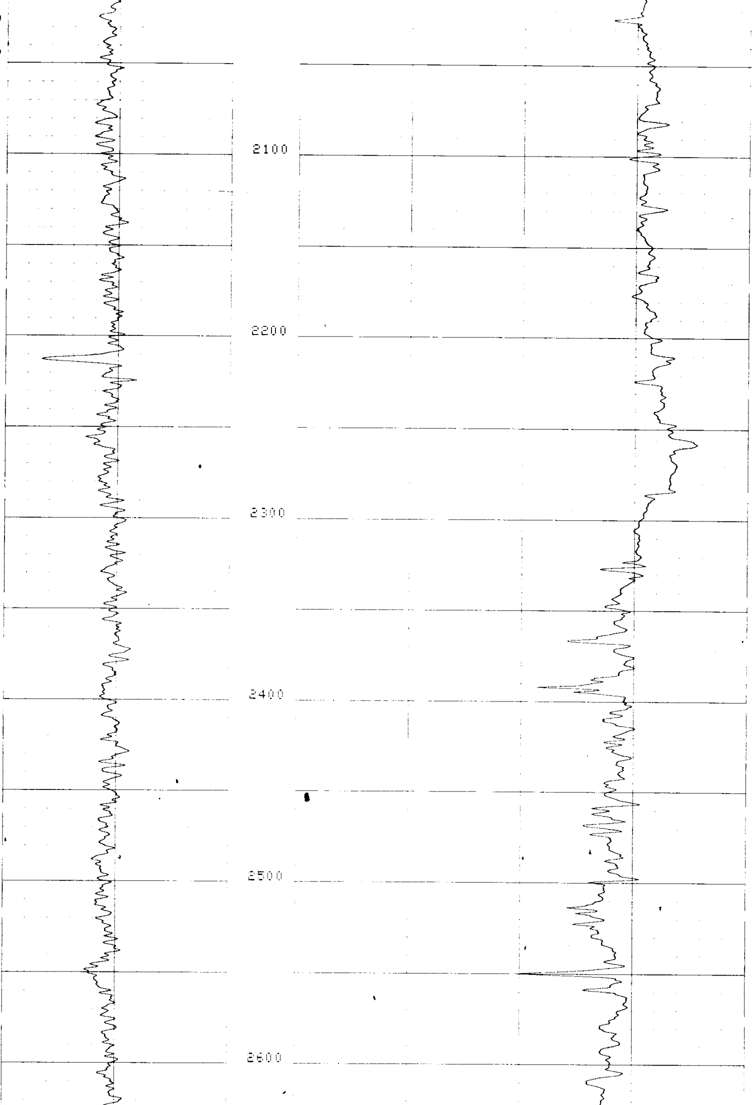
7

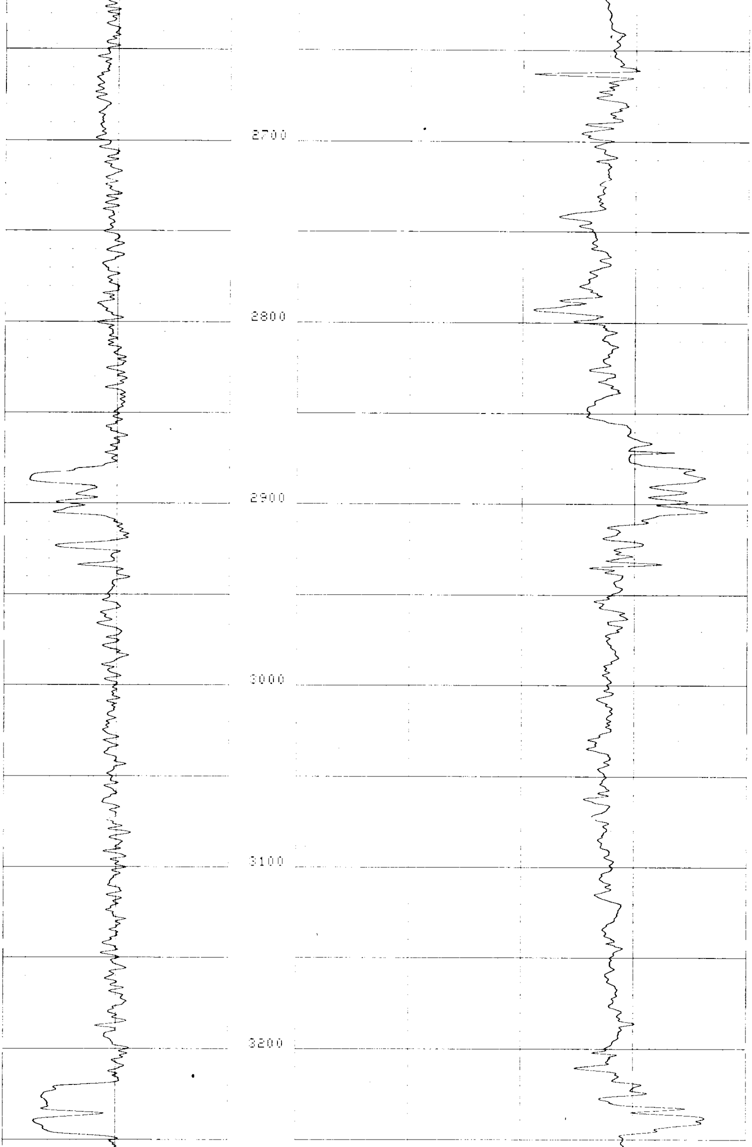


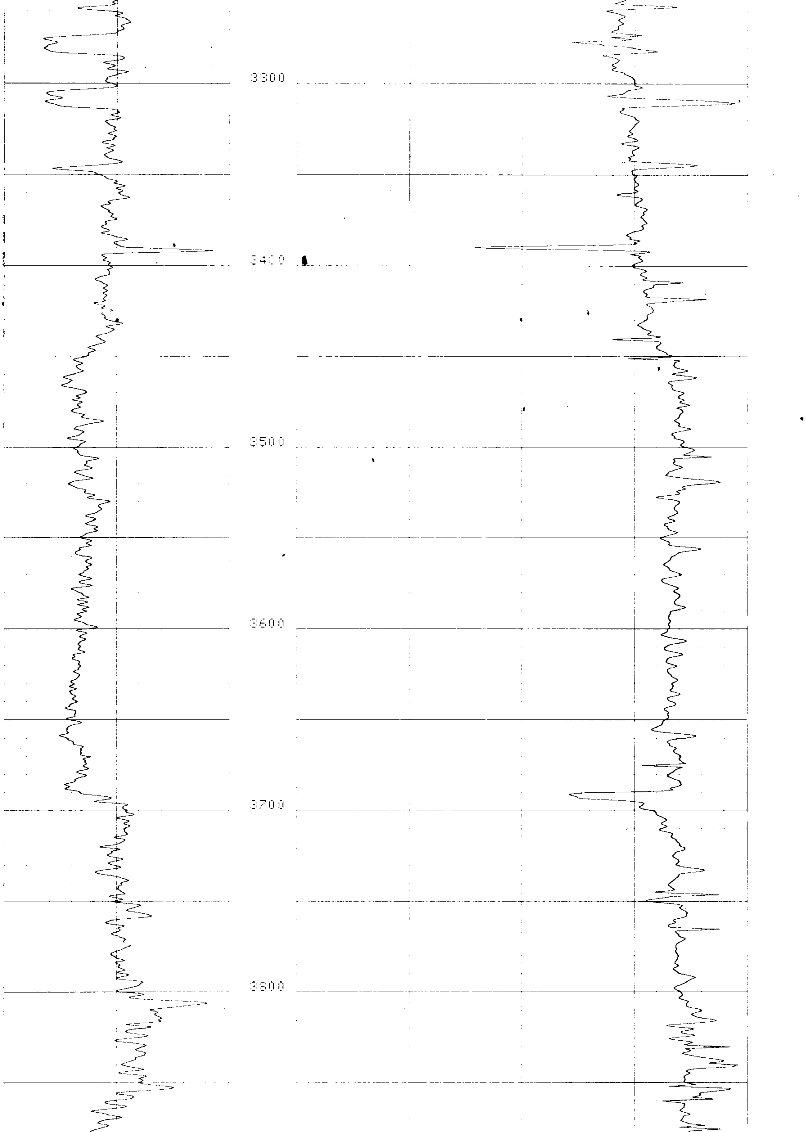


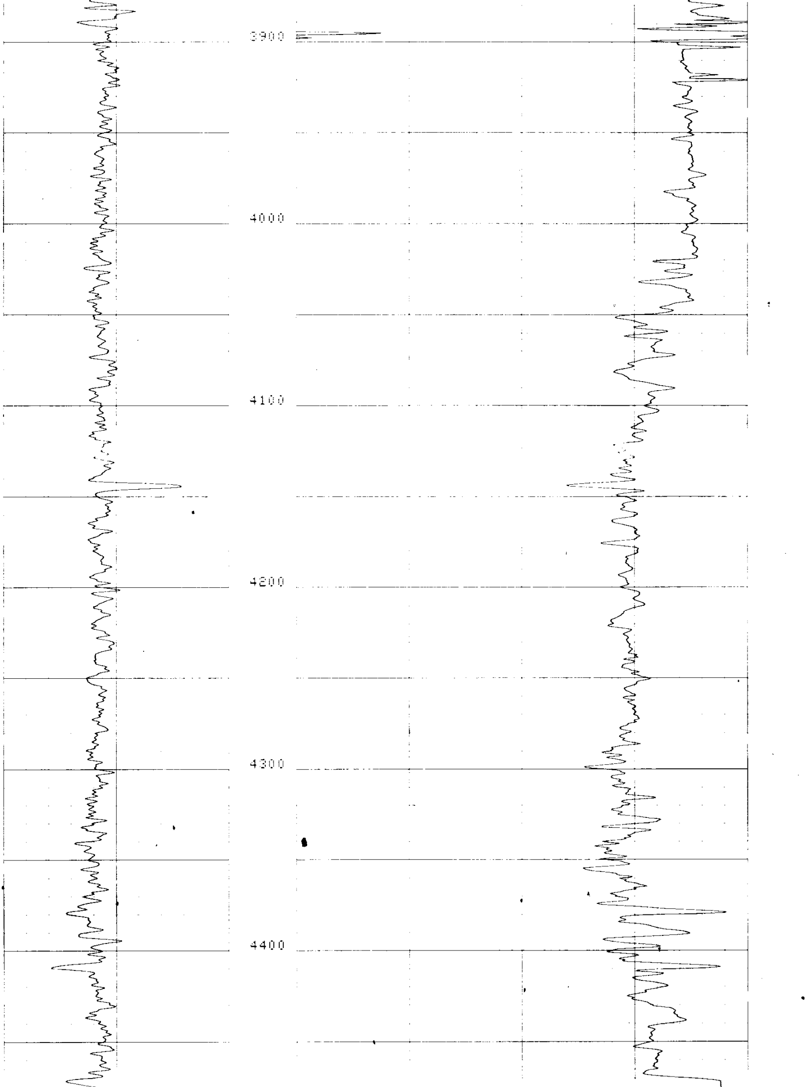


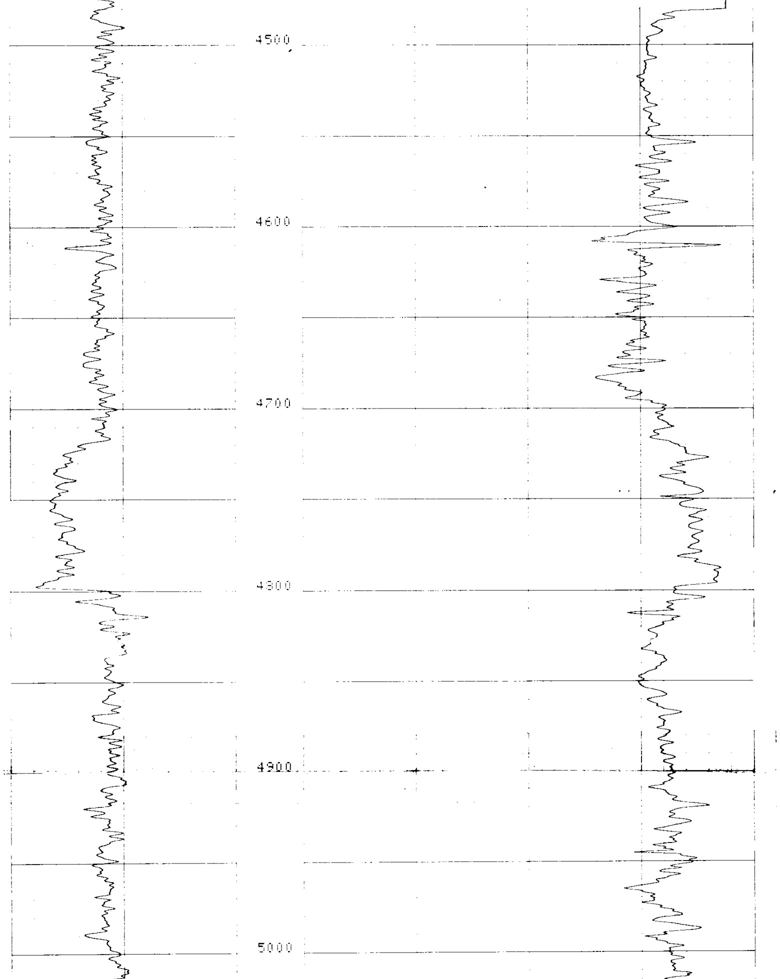
Run 2

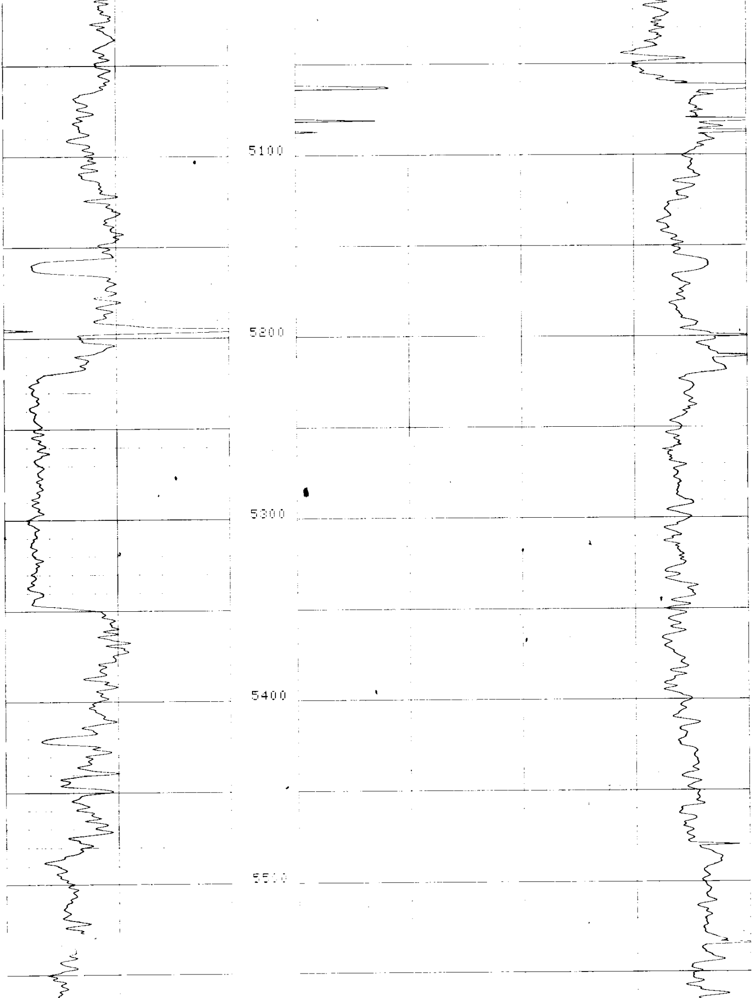


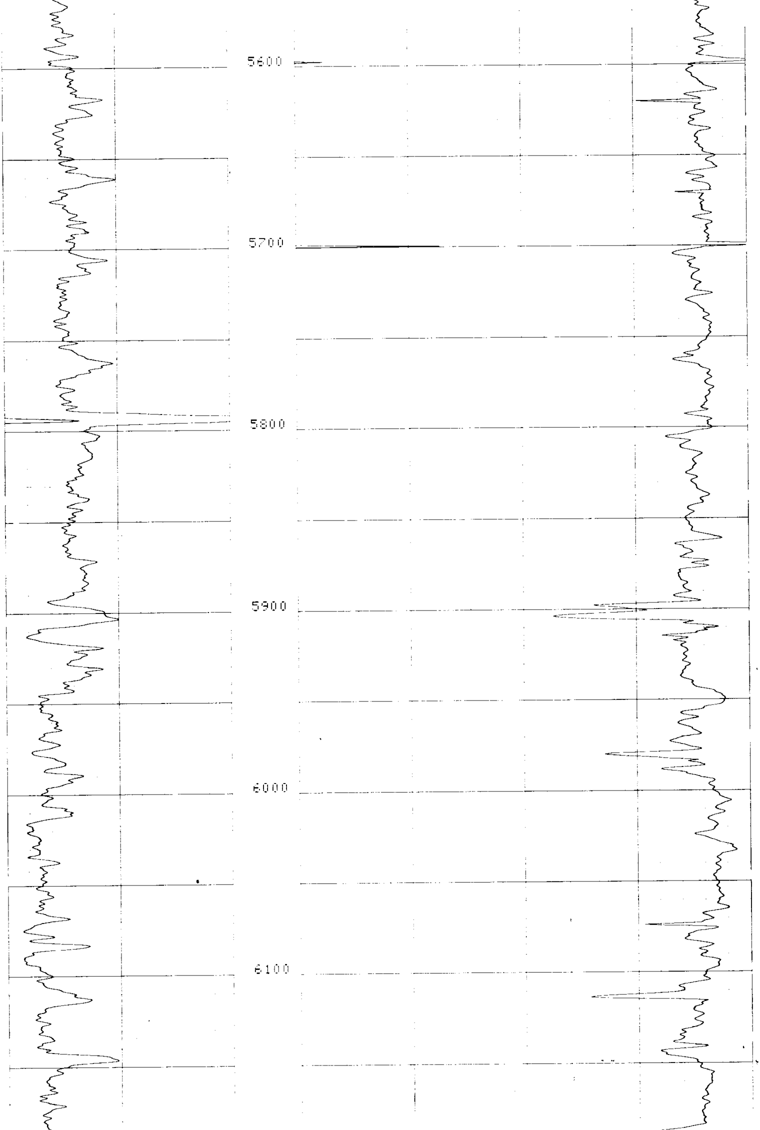


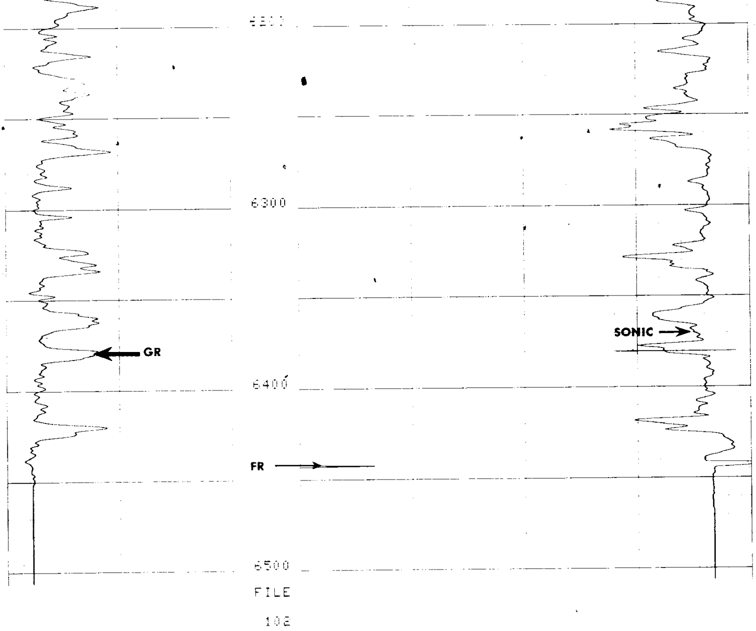












GR (GAPI) 0.0 150.0

DT (US/F) 150.0 50.00

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	56.00	CDTC		100.0	BS	INCH	-0.2571
SBR	OHMM	1.000	DSEC	MM/M	4.500	DTF	US/F	189.0
FPHI		PHIX	MSEC	MM/M	4.500			
DO		0.0	BHS		OPEN			

COMPANY TEXACO, INC.

WELL LOGAN BUTTE UNIT 17 NO. 1

FIELD LOGAN BUTTE

COUNTY CROOK STATE OREGON

SCHL. FR 6450
SCHL. TD 6490
DRLR. TD 6505

Elev: KB 5112
DF --
GL 5100