[redacted]

COUNTY
FIELD or LOCATION
WELL
COMPANY

Schlumberger

FOUR – ARM HIGH RESOLUTION CONTINUOUS DIPMETER

COMPANY CHEVRON OIL COMPANY CHEVRON MINERALS STAFF

WELL ROSSI 21-17

FIELD BEOWAWE

COUNTY LANDERS STATE NEVADA

LOCATION: 375'S & 825'E of NW Corner

API Serial No.

Sec. 17 Twp. 31N Rge. 48E

Other Services:

Permanent Datum: GL ; Elev.:

Log Measured From KB , Ft. Above Perm. Datum

Drilling Measured From KB

Elev.: K.B.
D.F.
G.L.

Date	11-20-76		
Run No.	1		
Depth—Driller	4357		
Depth—Logger	4370		
Btm. Log Interval	4370		
Top Log Interval	2000		
Casing—Driller	13 3/8 @ 2000	@	@
Casing—Logger	2001		
Bit Size	12 1/4		
Type Fluid in Hole	GEL-WATER		
Fluid Level	FULL		
Dens. | Visc.	69 | 60		
pH | Fluid Loss	9 | 8.8 ml	ml	ml
Source of Sample	CIRC		
Rm @ Meas. Temp.	2.41 @ 94 °F	@ °F	@ °F
Rmf @ Meas. Temp.	3.77 @ 55 °F	@ °F	@ °F
Rmc @ Meas. Temp.	4.5 @ 55 °F	@ °F	@ °F
Source: Rmf | Rmc	M | C		
Rm @ BHT	1.07 @ 212 °F	@ °F	@ °F
Time Since Circ.	16		
Max. Rec. Temp.	278 °F	°F	°F
Equip. | Location	7763 | SAC		
Recorded By	ANDERSEN		
Witnessed By	MS T. PORNON		

SWS-1500-F

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

REMARKS: Service Order No. Magnetic Declination

Run No.	1	2	3	4
Tool Type	HDT			
HDP	C 739			
DDR | TTR	C746 | —			
DPI	F 14			
HDM	F			
HDE	C8			
HDS	D			
Adapter Head				
UG | CG | SAH	✓			
5" Film | 10" Film | 60" Record	✓ | ✓			
Analog | Digital	✓			
TIME Circulation Stopped	0700			
TIME Schl. on Bottom	2300			

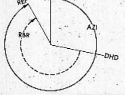
ROLL NO.	INTERVAL
1	2000 - 4370

TOOL AZIMUTH AND HOLE DIRECTION CALCULATION

DEFINITIONS

(DHD) HIGH SIDE OF TOOL — Direction from center of tool to upper side of tool.
(N) NORTH — Direction from center of tool to Magnetic North.
(REF) REFERENCE ELECTRODE — Direction from center of tool to #1 electrode.

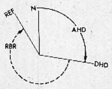
(AZI) AZIMUTH OF REFERENCE ELECTRODE = Clockwise angle from N to REF.
(RBR) RELATIVE BEARING = Clockwise angle from DHD to REF.
(AHD) AZIMUTH OF HOLE DEV. (TOOL AXIS) = Clockwise angle from N to DHD.



LOW ANGLE UNIT ☒

EXAMPLE

HDM - Low Angle Unit (0-36°)
AZI (solid curve) = 330°
RBR (dotted curve) = 230°
AHD = AZI − RBR = 330° − 230° = 100°



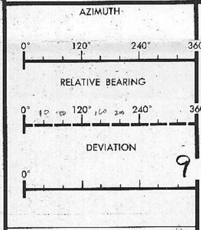
HIGH ANGLE UNIT ☐

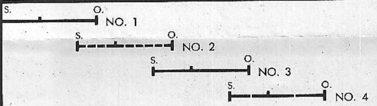
EXAMPLE

HDM - High Angle Unit (0-72°)
AHD (solid curve) = 100°
RBR (dotted curve) = 230°
AZI = AHD + RBR = 100° + 230° = 330°

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 Clause 7 of our General Terms and Conditions as set out in our current Price Schedule.

ORIENTATION	DEPTHS	CORRELATION CURVES ← CONDUCTIVITY

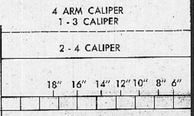


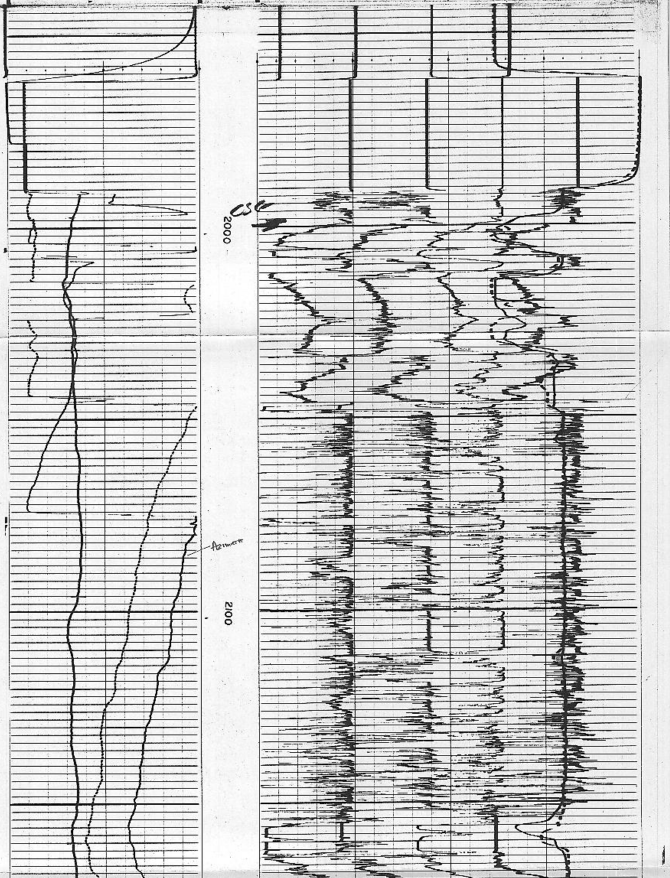


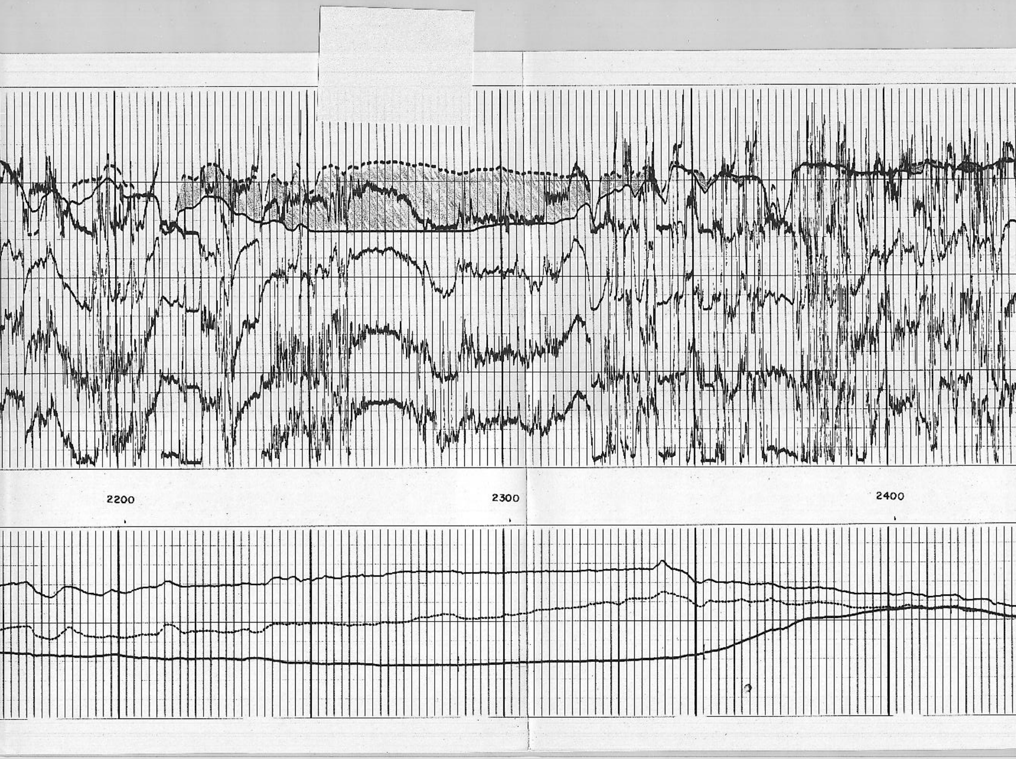
NOTE:
DIGITAL DIPMETERS

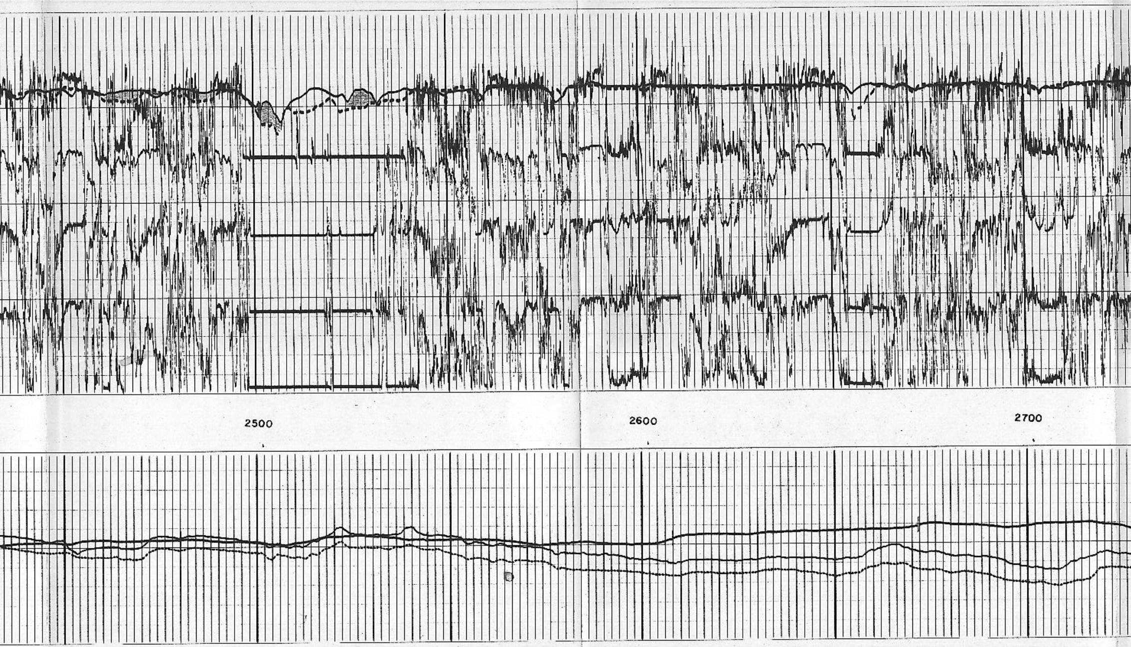
END OF RECORD GAP IS ON DEVIATION CURVE.

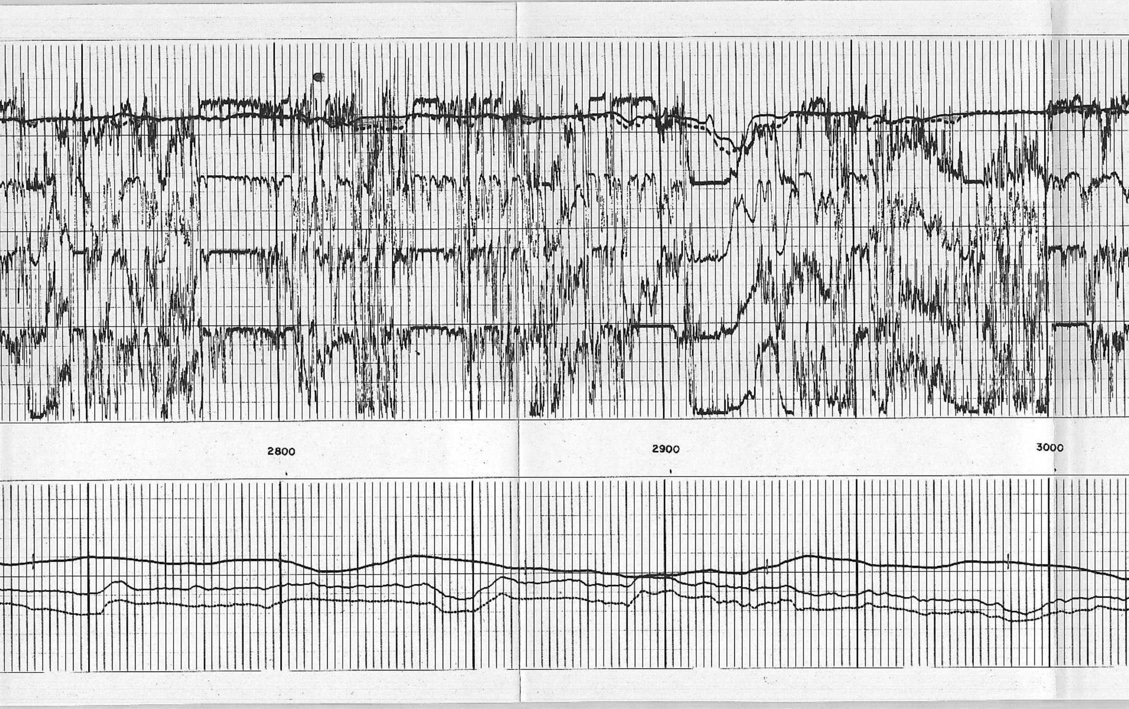
LONG SPACING MARK IS ON CALIPER 2 - 4.

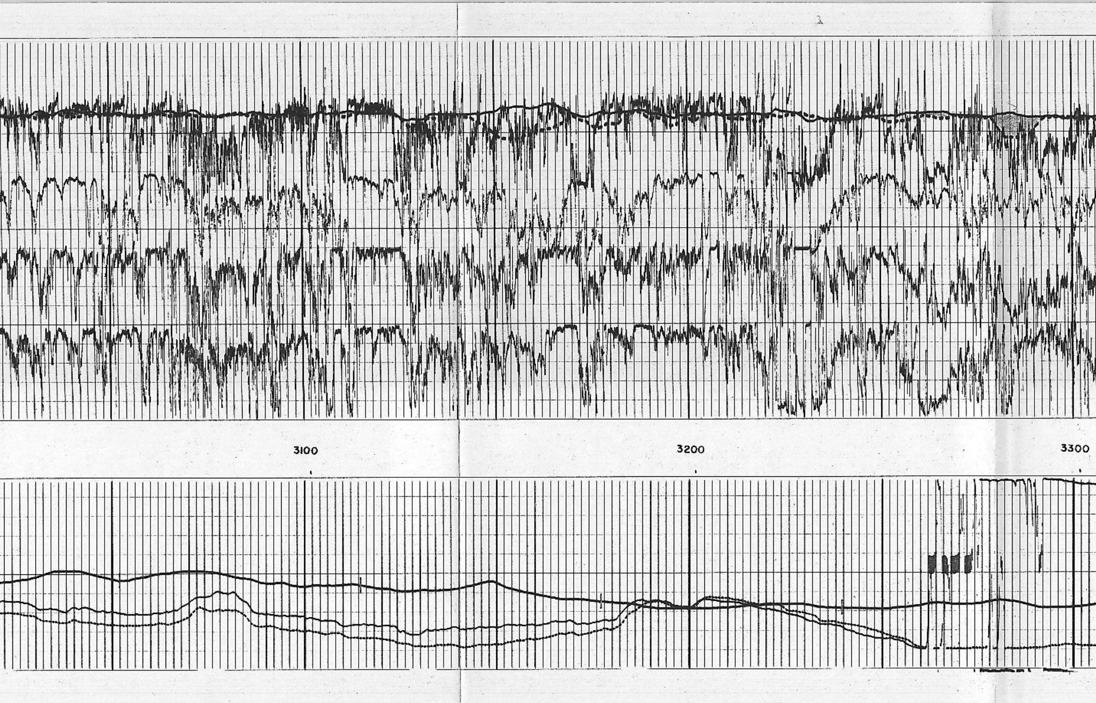


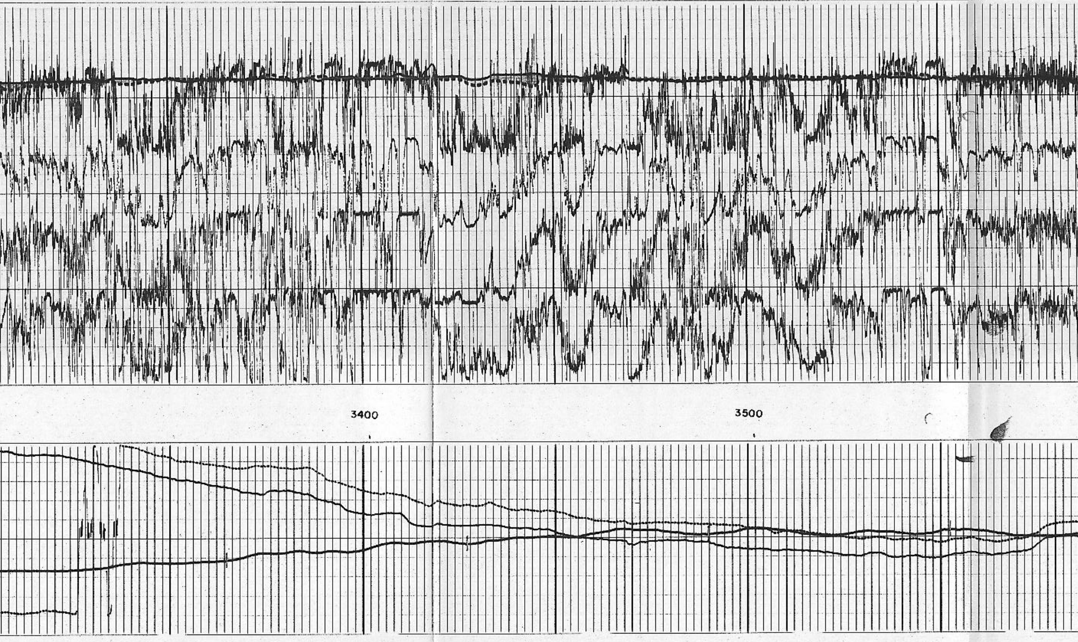


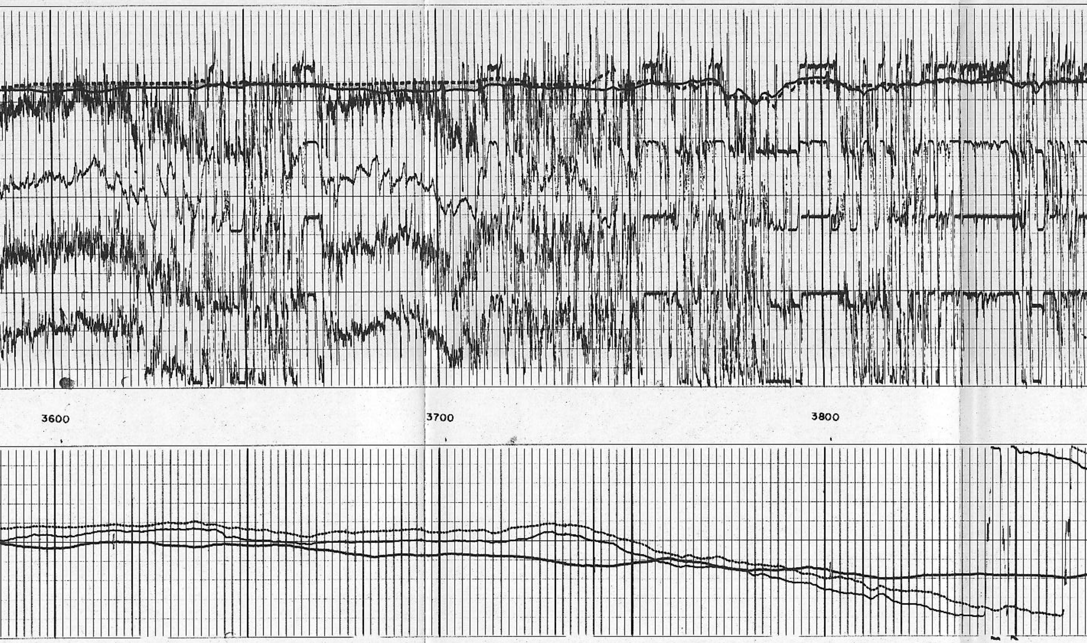


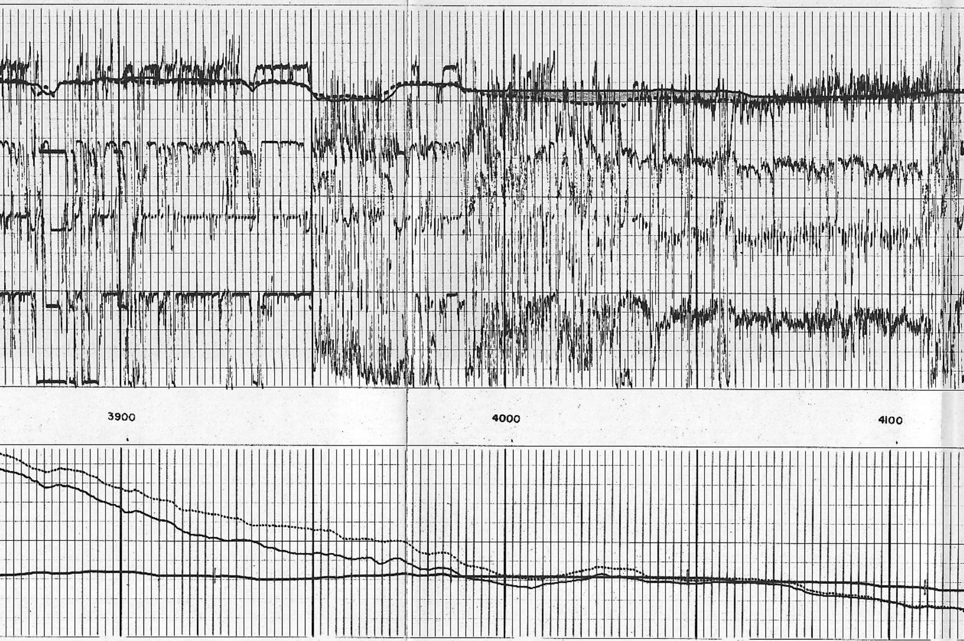


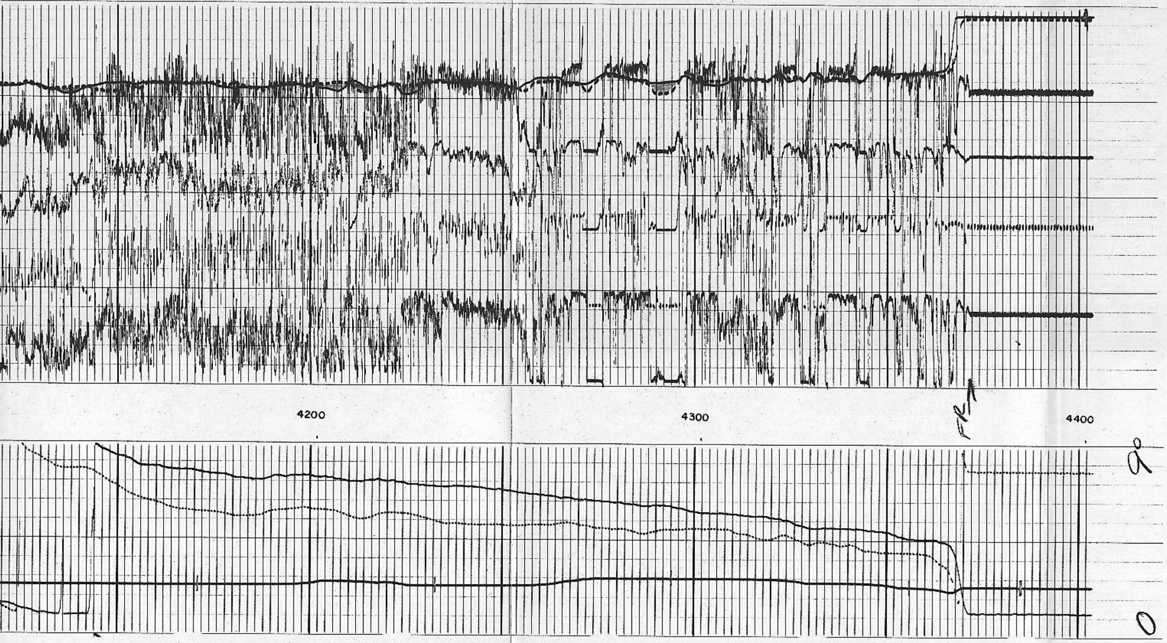


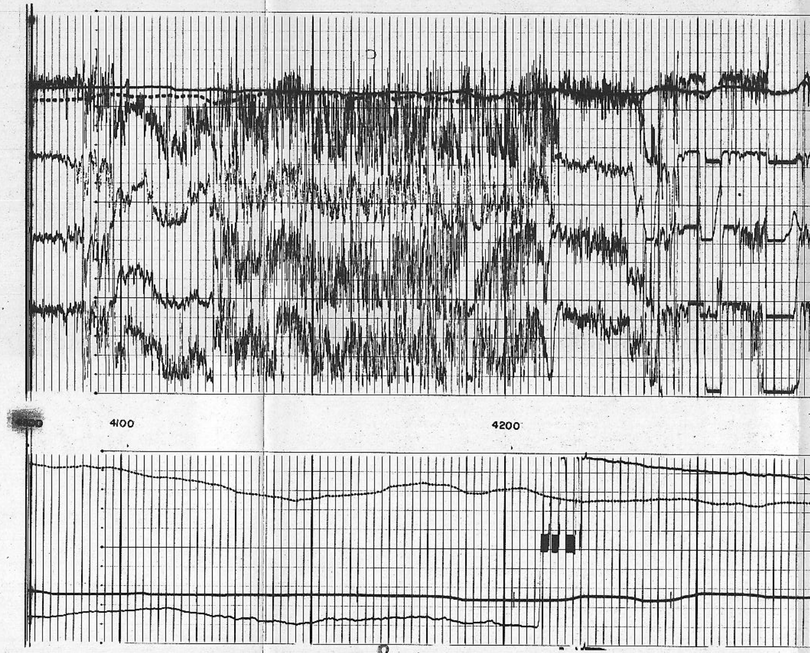


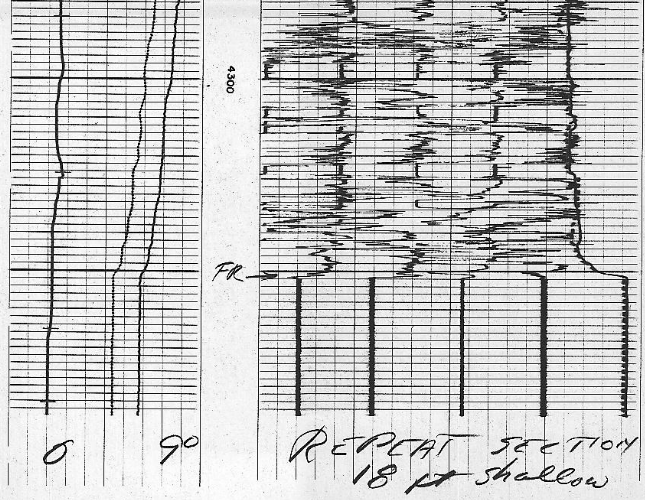


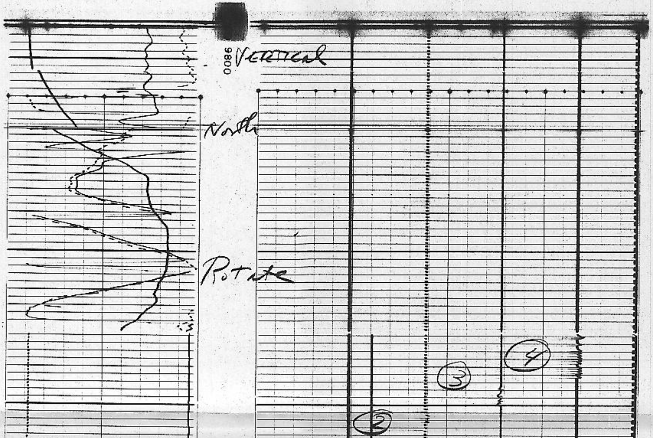
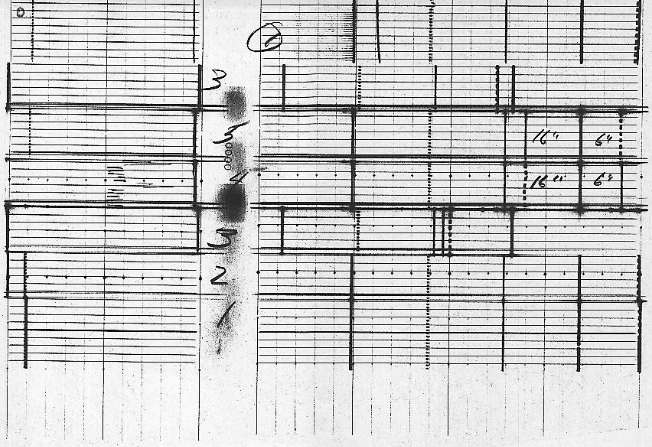










REPEAT SECTION
18 ft shallow