GL 04469.2

Schlumberger

FOUR ARM
HIGH RESOLUTION
CONTINUOUS DIPMETER

COUNTY
FIELD
LOCATION
WELL 44-5 SODA LAKE
COMPANY CHEVRON RESOURCES

COMPANY CHEVRON RESOURCES COMPANY

WELL 44-5 SODA LAKE

FIELD FALLON

COUNTY CHURCHILL **STATE** NEVADA

LOCATION 2441.5'SOUTH & 2200'EAST FROM THE NORTHWEST CORNER OF

API SERIAL NO.	SEC	TWP	RANGE
	5	19N	28E

Other Services:
DIL
LSS
HRT
FDC/CNL/GR

Permanent Datum: GL, Elev. 3988.5
Log Measured From KB N/A Ft. Above Perm. Datum
Drilling Measured From N/A

Elev.: K.B. N/A
D.F.
G.L. 3988.5

Date	1-17-76			
Run No.	ONE			
Depth—Driller	4975			
Depth—Logger (Schl.)	4961			
Btm. Log Interval	4970			
Top Log Interval	498			
Casing—Driller	7" @ 535	@	@	@
Casing—Logger	535			
Bit Size	6¾"			
Type Fluid in Hole	LIGNITE			
Dens. | Visc.	70 | 45			
pH | Fluid Loss	9.0 | 10.6 ml	ml	ml	ml
Source of Sample	CIRCULATED			
Rm @ Meas. Temp.	1.32 @ 79 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	2.10 @ 39 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	1.98 @ 79 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | C			
Rm @ BHT	0.58 @ 175°F	@ °F	@ °F	@ °F
TIME Circulation Stopped	0900			
TIME Logger on Bottom	0330			
Max. Rec. Temp.	210 °F	°F	°F	°F
Equip. | Location	7763 | SAC			
Recorded By	BRASFIELD			
Witnessed By Mr.	LANE/HILL			

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

FOLD HERE

Reproduced By
Electrical Log Services
Midland, Texas 79701

REFERENCE K 2634X

P I

12 COMPLETION RECORD

SPUD DATE

COMP DATE

DST RECORD

API NO.

CASING RECORD

PERFORATING RECORD

ACID FRAC SHOT

I P

GOR GR

T P C P

REMARKS:

Ⓡ REPRODUCTION FOR RESALE PROHIBITED

REMARKS Service Order No. 27463

Magnetic Declination 17½°

		1		2		3		4	
Run No.		1		2		3		4	
Tool Type		27463							
HDP		0970							
DDR	ZTR	-	1940						
DM		1178							
HDM		1727							
HDE		CB-1879							
HDG		1752							
Adapter Head		67972							
UG / CG / SAH		- / - / -							
5" Film / 10" Film / 60' Record		X / - / X							
Analog	Digital	X	X						
TIME Circulation Stopped		0900							
TIME Schl. on Bottom		0330							

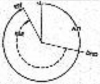
ROLL NO.	INTERVAL
1	4927-4753
1	4989-4235
2	4965-3805
2	3831-2153
2	2287-1995
3	2037-488

TOOL AZIMUTH AND HOLE DIRECTION CALCULATION

(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.

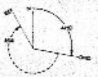
DEFINITIONS

(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 ☒

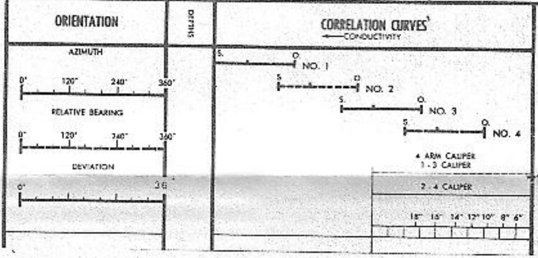
EXAMPLE
HDM - Low Angle Unit (0-36°)
AZI (solid curve) = 330°
RBR (dotted curve) = 230°
AHD = AZI - RBR = 330° - 230° = 100°

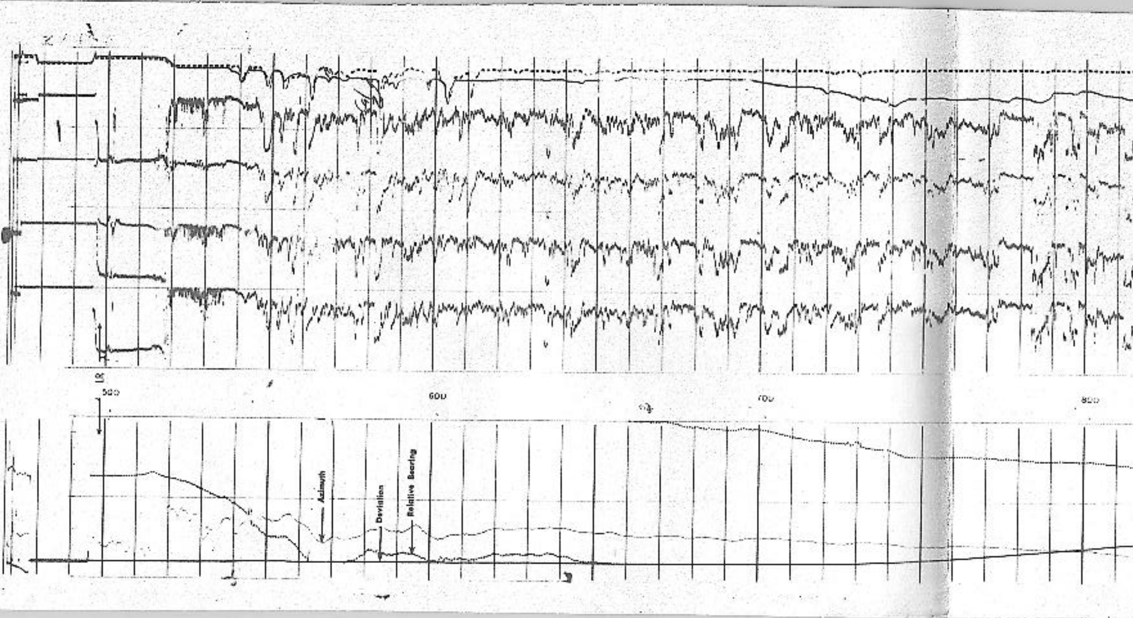


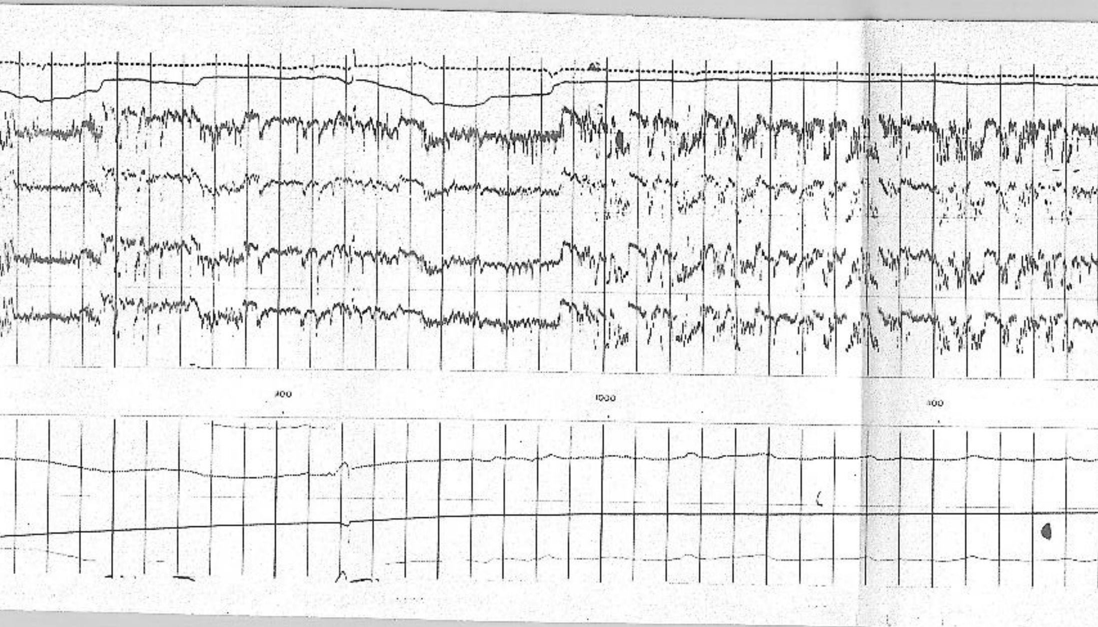
HIGH ANGLE UNIT ☐

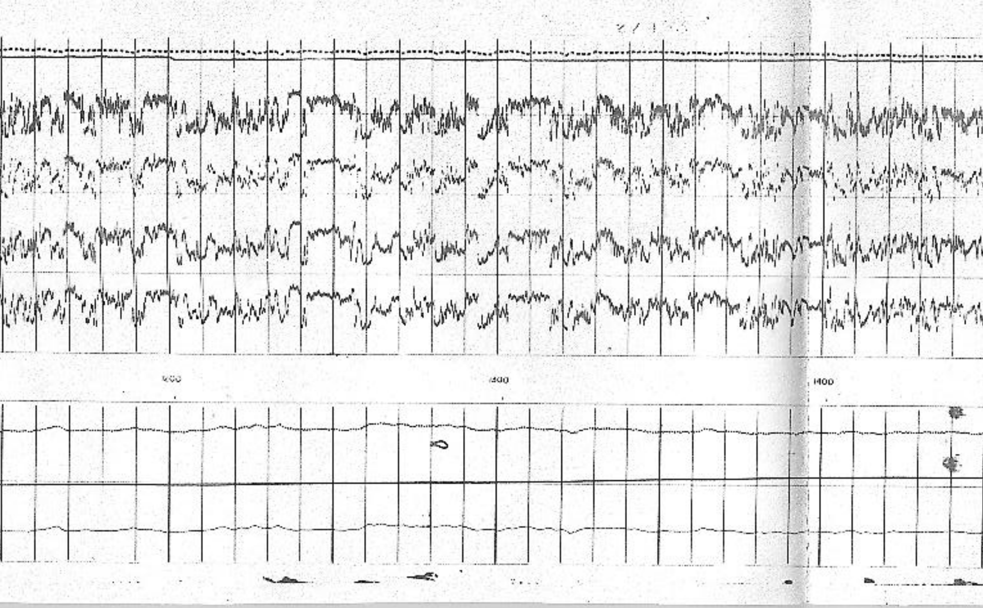
EXAMPLE
HDM - High Angle Unit (0-72°)
AHD (solid curve) = 100°
RBR (dotted curve) = 230°
AZI = AHD + RBR = 100° + 230° = 330°

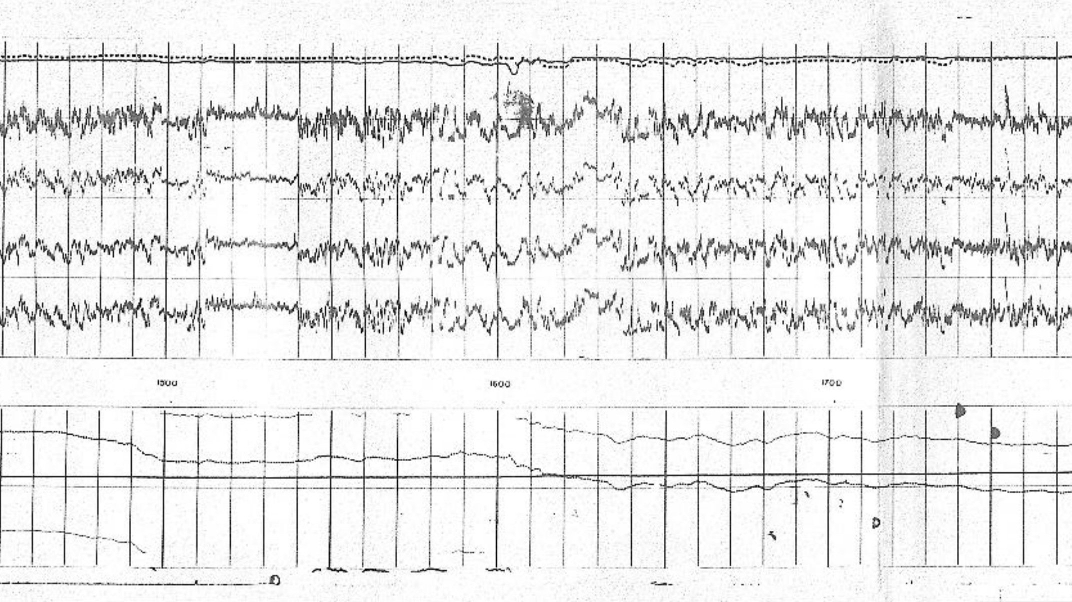
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, 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 Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

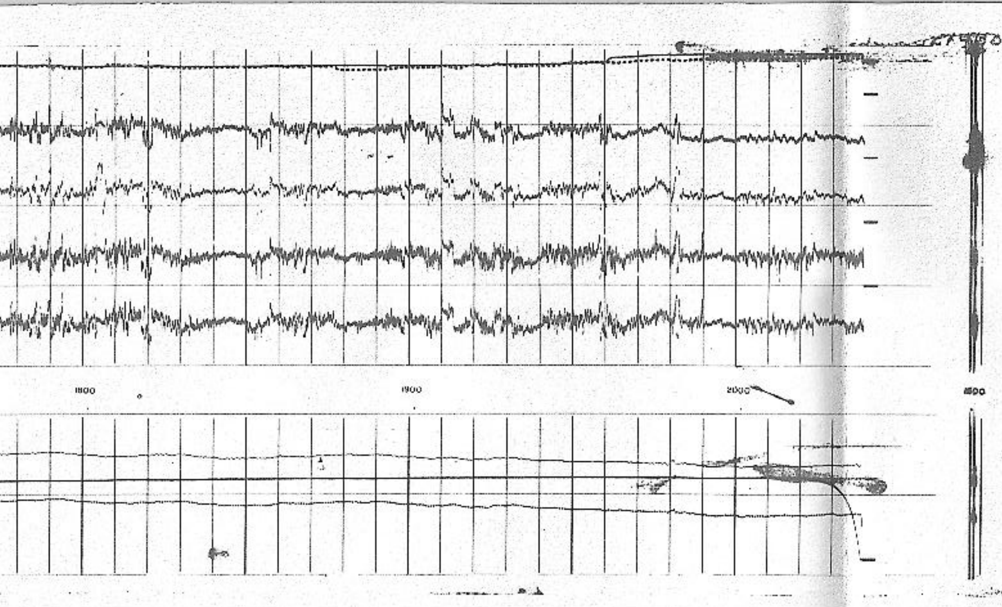


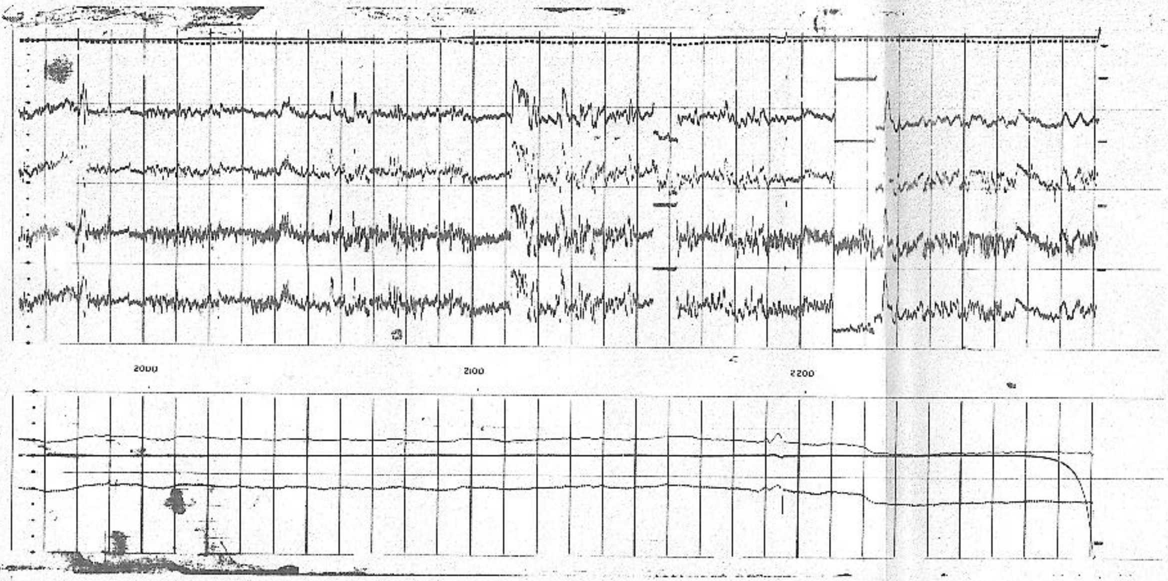


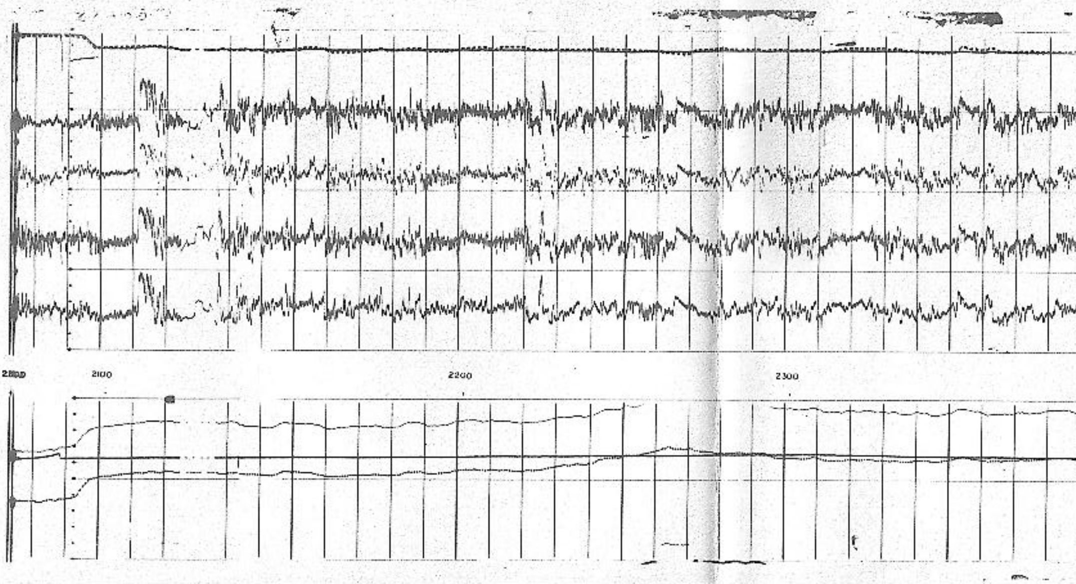


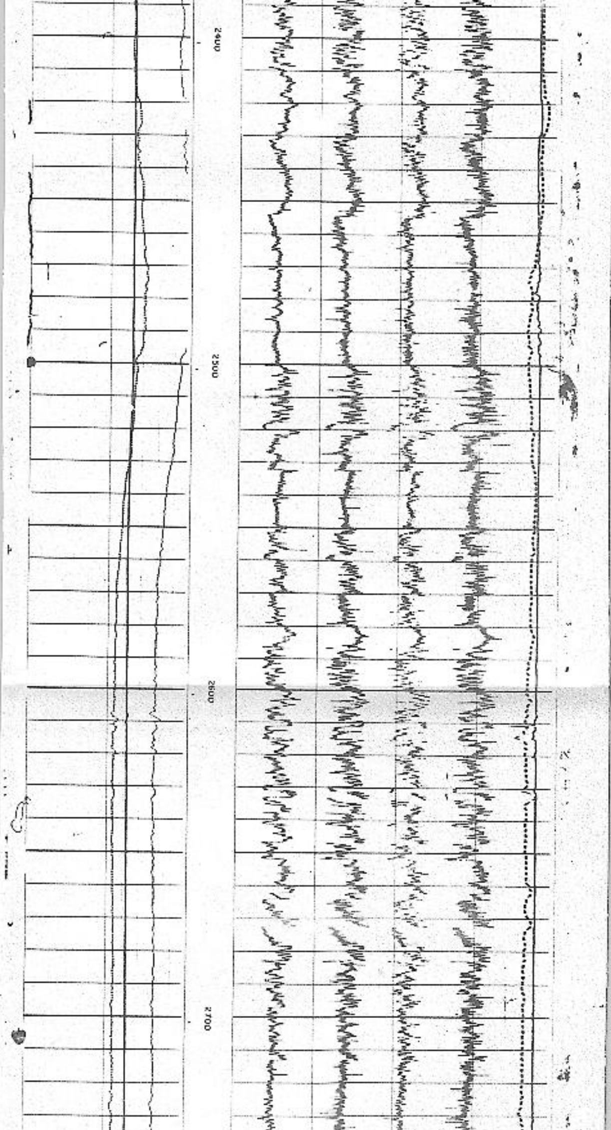


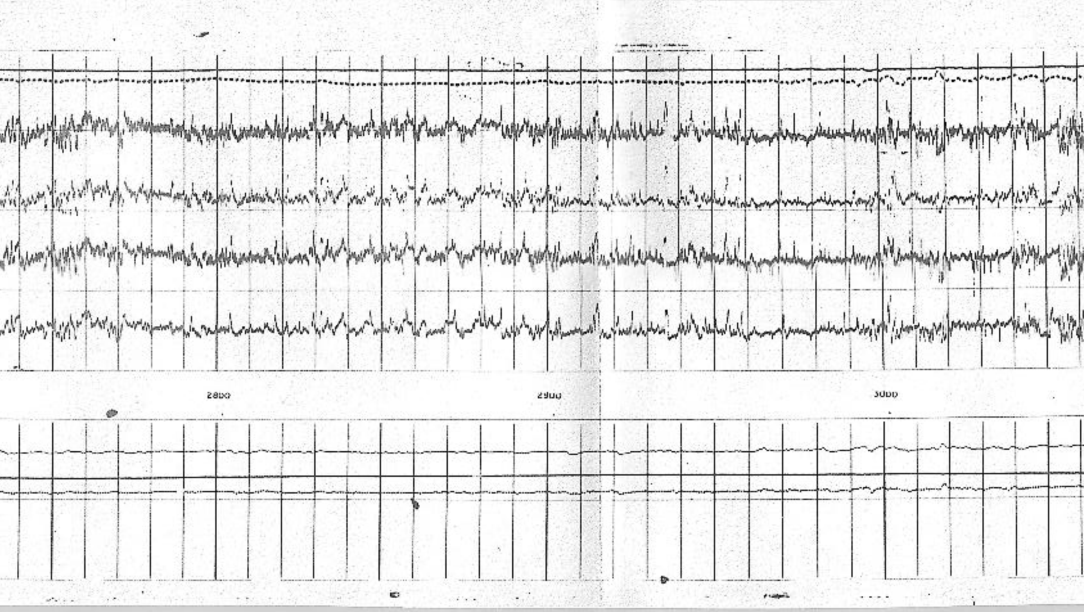


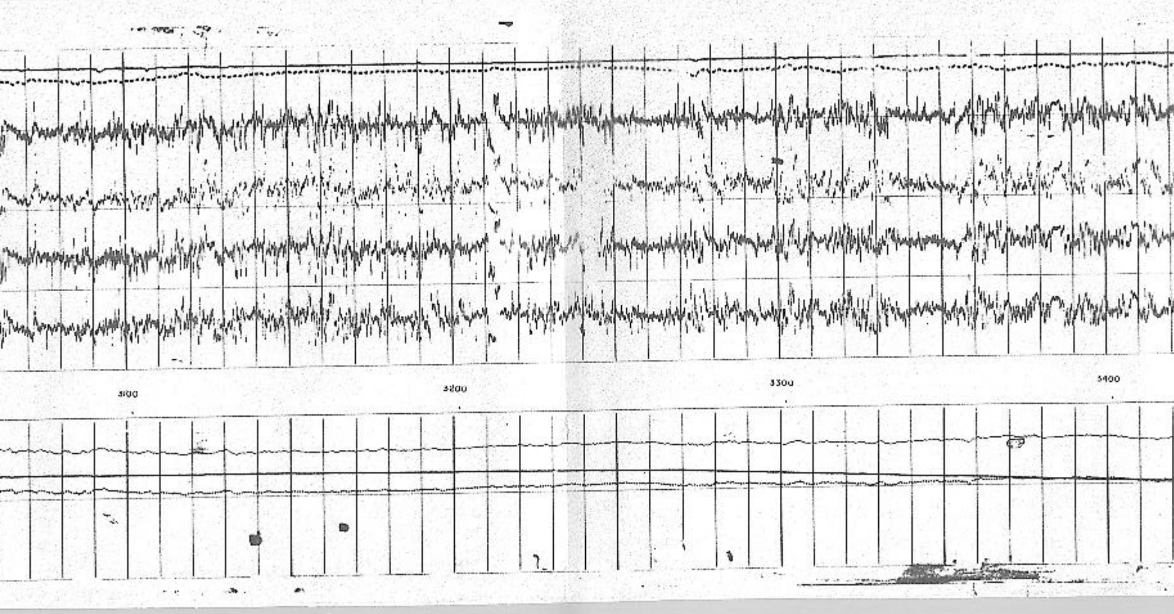


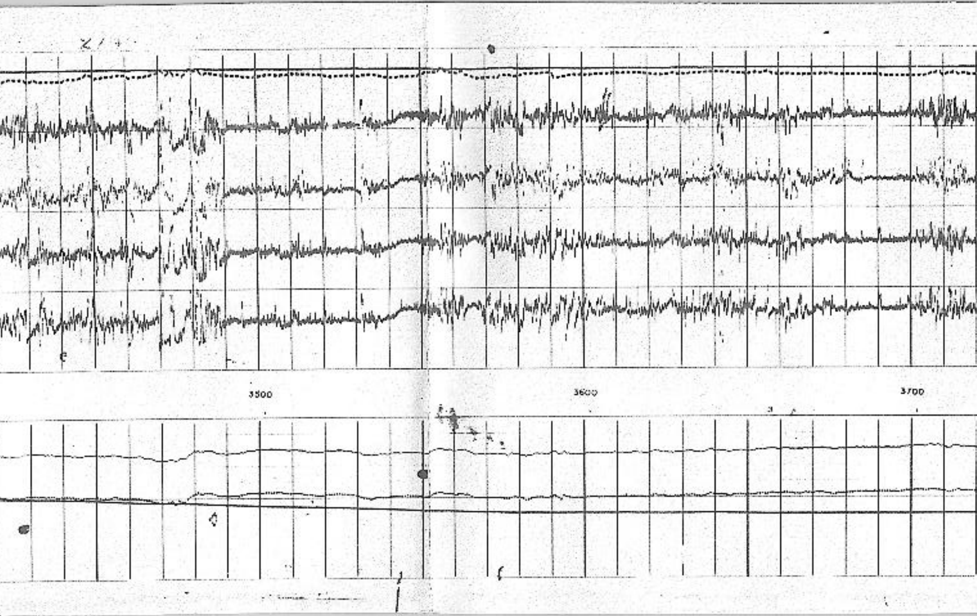


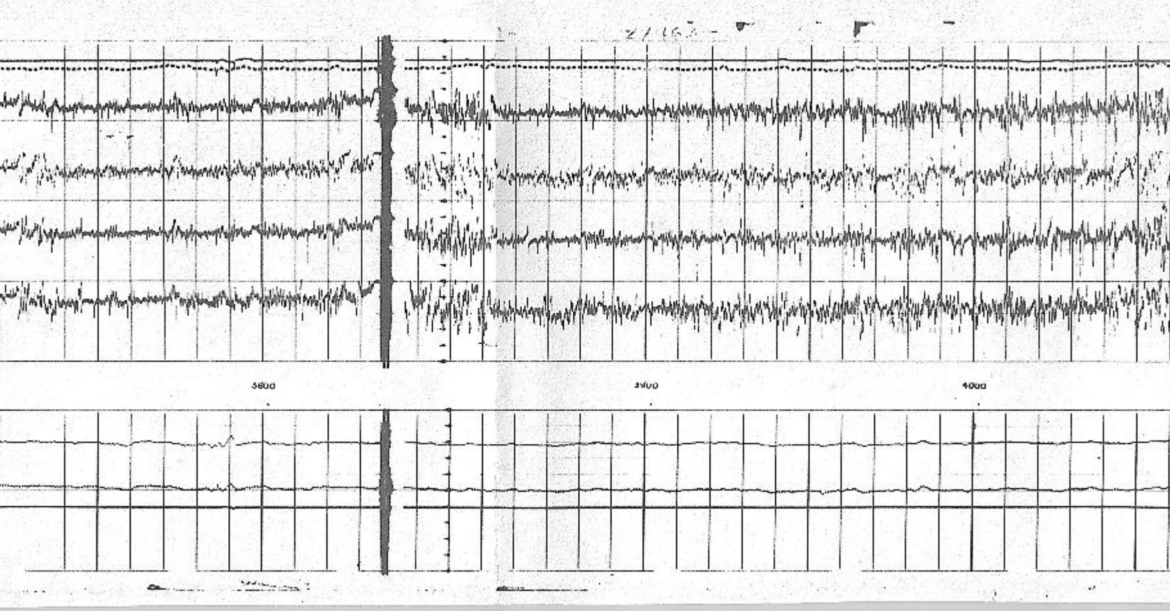


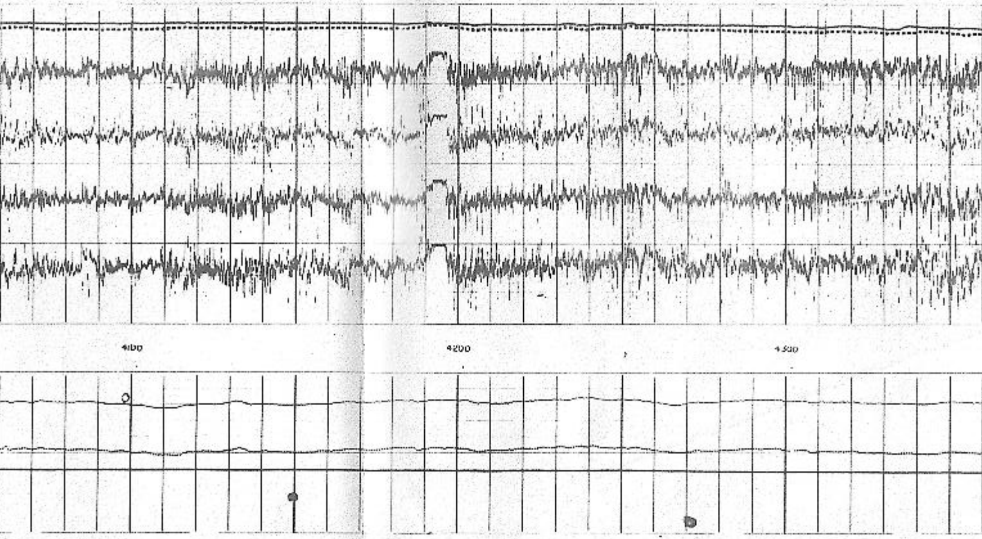


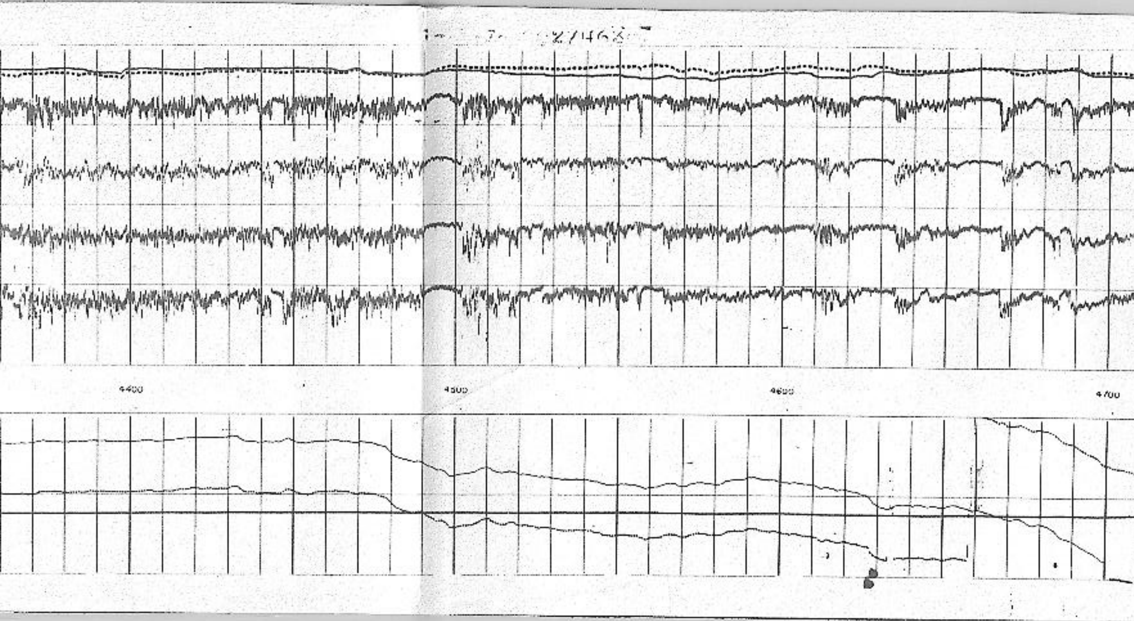


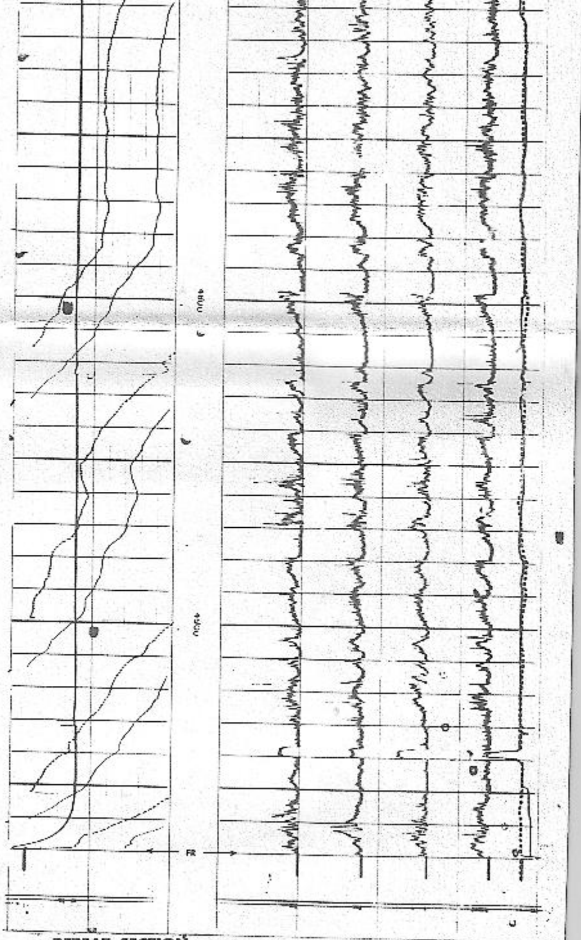




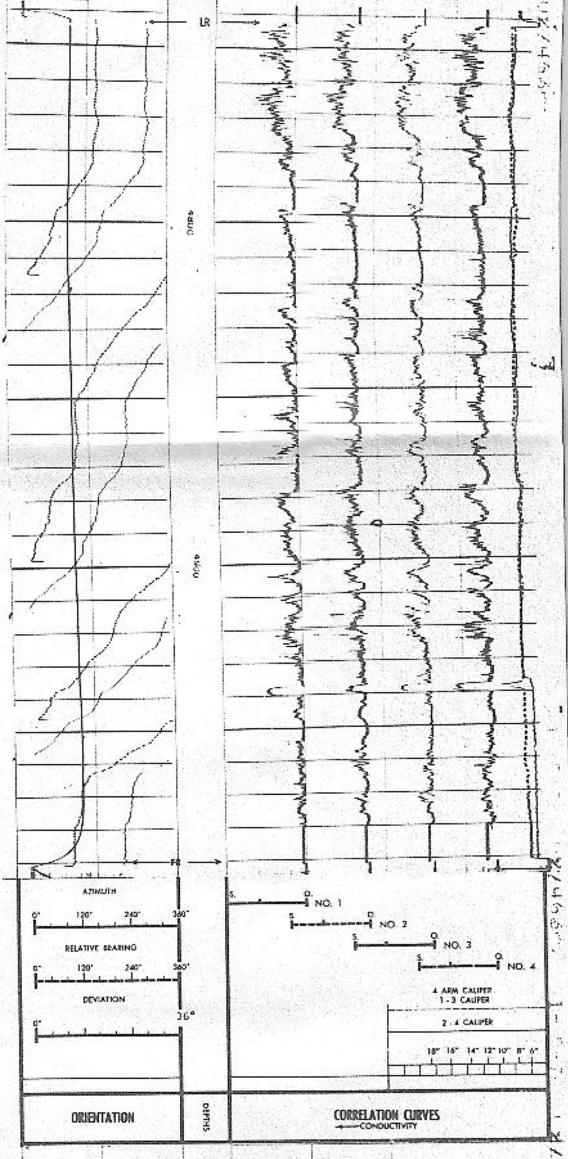


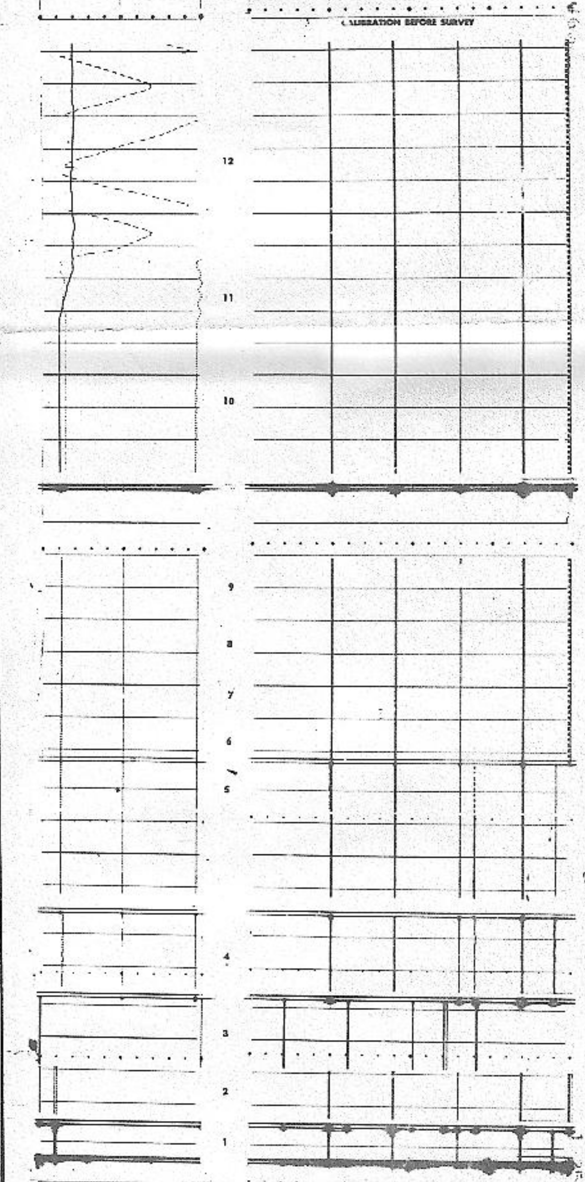






REPEAT SECTION





HIGH RESOLUTION DIPMETER CALIBRATION CODING

1. MECHANICAL ZERO
2. ELECTRICAL ZERO
3. FULL SCALE ADJUST
4. CALIPER ADJUST AT 6" AND 16" CALIPER 1-3 IS CODED
5. CALIPER ADJUST AT 6" AND 16" CALIPER 2-4 IS SOLID
6. PAD #1 RESPONSE CHECK
7. PAD #2 RESPONSE CHECK
8. PAD #3 RESPONSE CHECK
9. PAD #4 RESPONSE CHECK
10. SONDE HANGING VERTICALLY
11. TOOL AND PAD #1 POINTED NORTH *
12. TOOL ROTATING

COMPANY CHEVRON RESOURCES COMPANY

WELL 44-5 SODA LAKE

ROLL NO. ____________

FIELD FALLON

DEPTH INTERVAL THIS ROLL

COUNTY CHURCHILL STATE NEVADA

From ________ To ________