

N  
O  
B  
U  
N  
A  
M  
O  
N  
L  
C

16,5 mpa  
17 mpa  
18 mpa















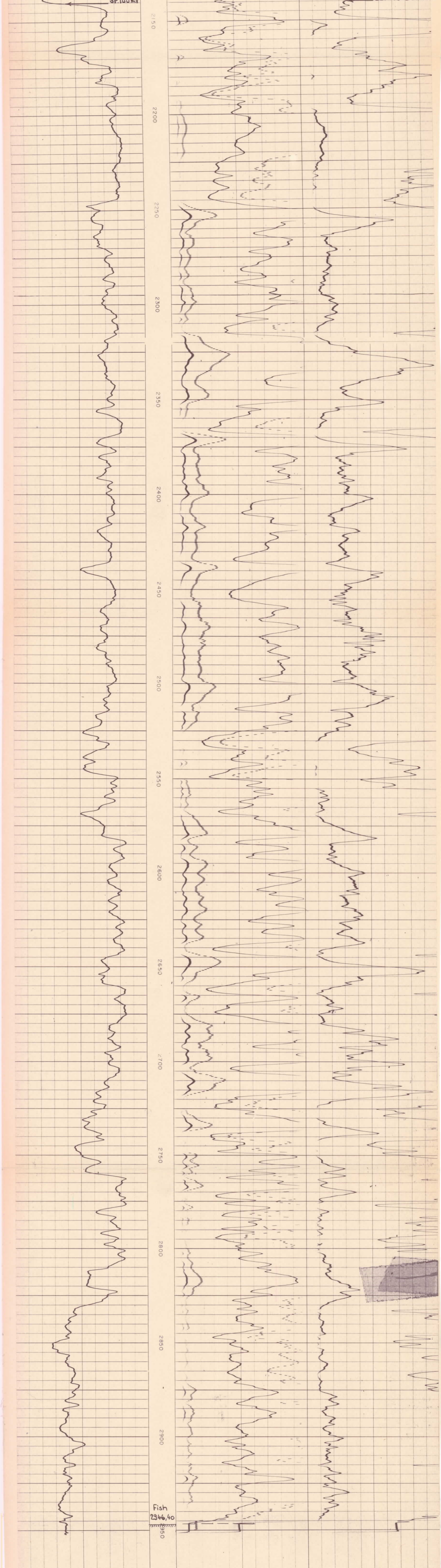
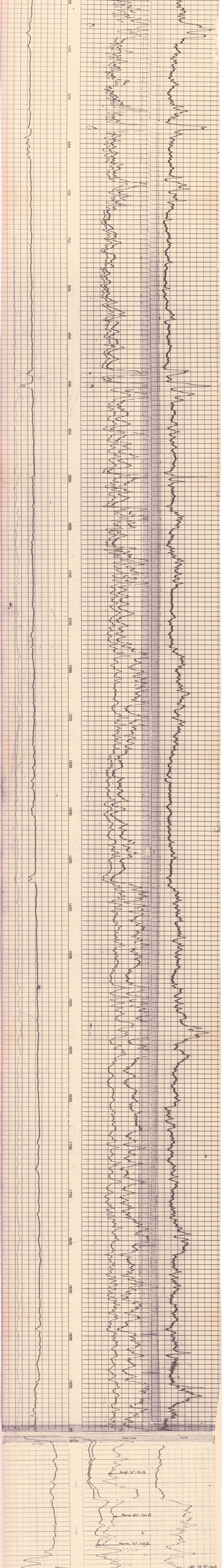


ELECTRICAL LOG

COMPANY	CIEPSA	Location of well	
WELL	ZUNIGA	Elevation	1100
LOCATION			
STATE	ESPAGNE	Reference	ESP-55-1
WELL DEPTH	3		
WELL NO.	1-20-55		
WELL DATE	2-29-56		
WELL TYPE	1605		
WELL DIAMETER	4.00		
WELL AREA	5.09168		
WELL VOLUME	2.038		
WELL WEIGHT	2.86642		
WELL COST	2.866		
WELL OWNER	7.25.7-7		
WELL OPERATOR	1.45		
WELL CONTRACTOR	4.2		
WELL CONTRACT NO.	4.5 m. 0.4		
WELL CONTRACT DATE	1.0		
WELL CONTRACT VALUE	1.0		
WELL CONTRACT TYPE	1.0		
WELL CONTRACT TERMS	1.0		
WELL CONTRACT CONDITIONS	1.0		
WELL CONTRACT NOTES	1.0		
WELL CONTRACT DETAILS	1.0		
WELL CONTRACT SPECIFICATIONS	1.0		
WELL CONTRACT DRAWINGS	1.0		
WELL CONTRACT SCHEDULE	1.0		
WELL CONTRACT AGREEMENT	1.0		
WELL CONTRACT SIGNATURE	1.0		
WELL CONTRACT DATE	1.0		
WELL CONTRACT PLACE	1.0		
WELL CONTRACT WITNESSES	1.0		
WELL CONTRACT COMMENTS	1.0		
WELL CONTRACT ADDENDUM	1.0		
WELL CONTRACT AMENDMENT	1.0		
WELL CONTRACT SUPPLEMENT	1.0		
WELL CONTRACT EXHIBIT	1.0		
WELL CONTRACT ANNEX	1.0		
WELL CONTRACT SCHEDULE	1.0		
WELL CONTRACT AGREEMENT	1.0		
WELL CONTRACT SIGNATURE	1.0		
WELL CONTRACT DATE	1.0		
WELL CONTRACT PLACE	1.0		
WELL CONTRACT WITNESSES	1.0		
WELL CONTRACT COMMENTS	1.0		
WELL CONTRACT ADDENDUM	1.0		
WELL CONTRACT AMENDMENT	1.0		
WELL CONTRACT SUPPLEMENT	1.0		
WELL CONTRACT EXHIBIT	1.0		
WELL CONTRACT ANNEX	1.0		

REMARKS	
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S. P. 100 millivolts	RESISTIVITY 20 ohms. m <sup>2</sup> /m	RESISTIVITY 20 ohms. m <sup>2</sup> /m
SCALE	AM 1 = 0.25	AM 2 = 1
10	20	20





OPERATION **Gamma-ray Neutron**



COMPANY **CIEPSA** Location of well  
**20139**  
Elevation **1/1000**

FIELD **Zuniga**  
WELL **1**  
LOCATION  
COUNTRY **Spain**

FIELD **Zuniga**  
WELL **1**  
COMPANY **CIEPSA**  
COUNTRY **Spain**

DATE **7.3.56**  
Lowest Reading **2337**  
Highest Reading **2001**  
Footage Measured **936**  
Csg. Shots Drilled **2001**  
Max. Depth Reached **2000.80**

Max. Depth Reached **2946**  
RT **fracked**  
Depth Driven **100**  
Mud: Nature **SS**  
Density **1.0**  
Viscosity **SS**  
Resistivity **13**  
Resistivity BHT **at 115 of C**

PH **11.5**  
Maximum Temp. 9" **8 1/2"**  
Bit Size **9 5/8"**  
Casing Size  
Spacings  
Truck No  
Recorded by **J. Raguin**

Depth of Plug  
Cemented  
Circulation stopped  
Pressure released  
Fluid Level  
Starting down  
Reached bottom  
Out of hole

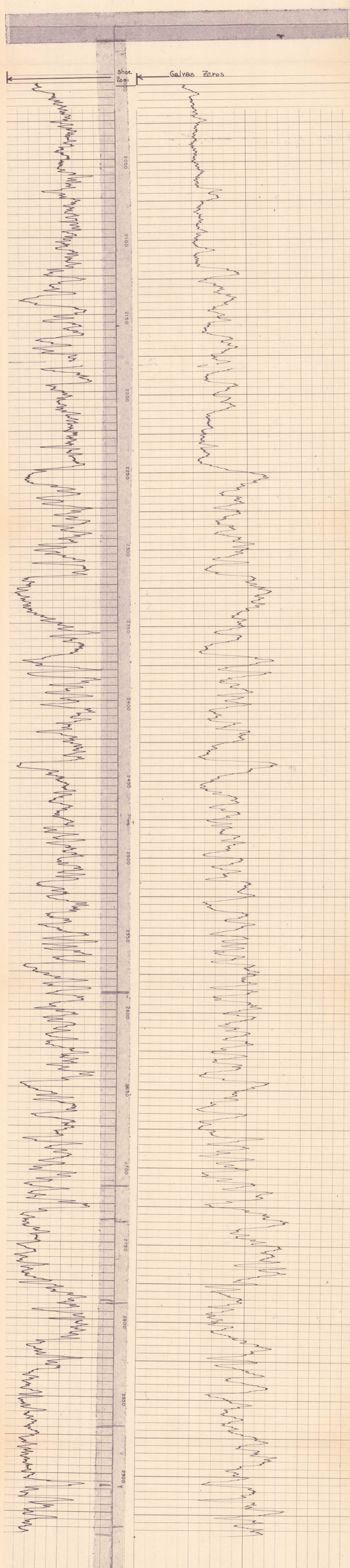
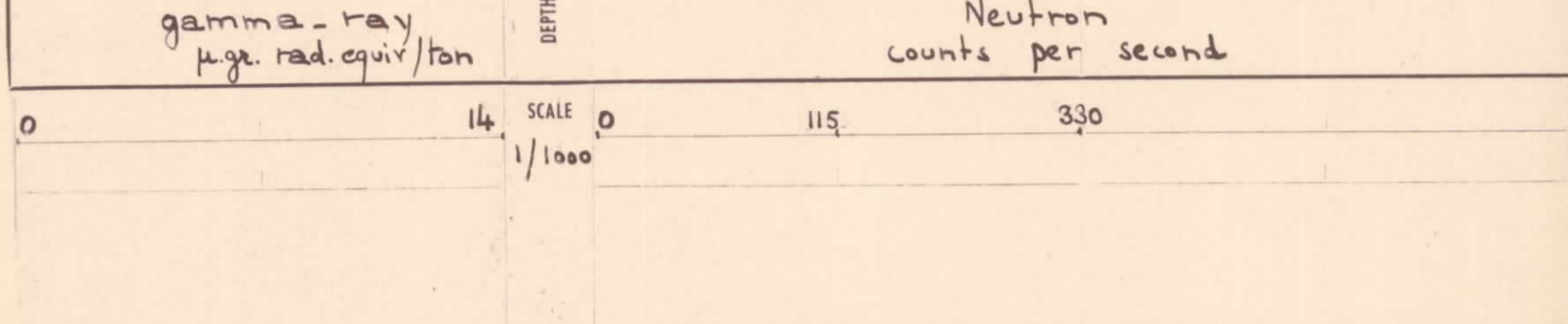
TEMPERATURE LOG  
REFERENCE Esp. 56.14

GAMMA RAY  
Type of equipment **GMP-A 3 3/8**  
GNC-A  
Counters: **2**

Recording Speed **18 m/min**  
Sensitivity Tap **GR: 280 - N: 650**  
Time Constant **GR: 0.7 - N: 0.6**  
Source n° **122**

REMARKS **Background cps. 30**  
**test source cps. 144**  
**Increase galvas 100**  
**Panel tap calibr. 200**  
**gamma-ray neutron**  
**405 at 13 of C**  
**1.0**  
**11.5**  
**8 1/2"**  
**9 5/8"**  
**J. Raguin**

REMARKS **Background cps. 30**  
**test source cps. 144**  
**Increase galvas 100**  
**Panel tap calibr. 200**  
**gamma-ray neutron**



Ciepsa  
Zuniga.1  
7.3.56



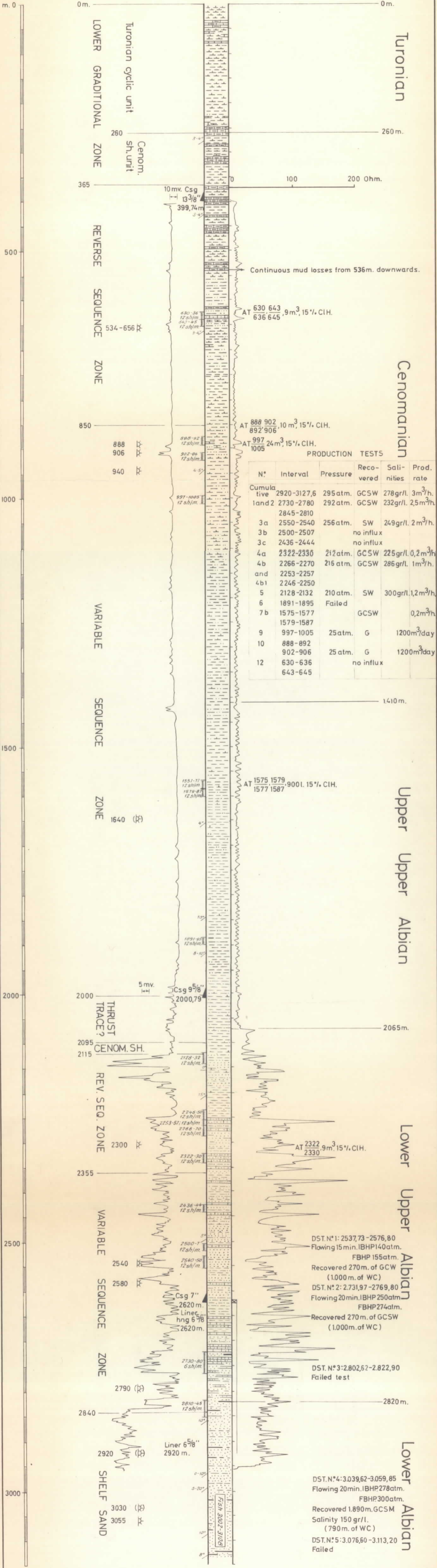
ZUÑIGA-1

18/9/1954-16/2/1956

42° 43' 16" N

1° 23' 25" E

764m.a.s.l.



Total Depth 3.127,60m.

Scale 1:5.000