



COMPENSATED NEUTRON LOG

COMPANY: GRACE GLOTHERMA  
 WELL: 4-5-14  
 FIELD: WILDCAT  
 COUNTY: HUMBOLDT STATE: NEVADA  
 LOCATION: N/E 1/4, N/E 1/4, S/W 1/4, SW 1/4, SEC 14, T2N, R2E, 28E  
 PERMANENT CHARGES: G.L. 4.00, G.L. 4.00, G.L. 4.00, G.L. 4.00  
 DRILLING MEASURED FROM: 5.18' - Above Open Datum  
 DATE: 10-1-82  
 LOG NO.: 210826  
 LOGGING UNIT: 418  
 LOGGING DEPTH: 418'  
 LOGGING INTERVAL: 5' - 10'  
 LOGGING RATE: 1.00  
 LOGGING TIME: 14:14  
 LOGGING COST: 30.0  
 LOGGING RATE PER FOOT: 0.0307  
 LOGGING RATE PER HOUR: 1.80  
 LOGGING RATE PER DAY: 43.20  
 LOGGING RATE PER MONTH: 1296.00  
 LOGGING RATE PER YEAR: 15552.00  
 LOGGING RATE PER WELL: 30.0  
 LOGGING RATE PER WELL-FOOT: 0.0307  
 LOGGING RATE PER WELL-HOUR: 1.80  
 LOGGING RATE PER WELL-DAY: 43.20  
 LOGGING RATE PER WELL-MONTH: 1296.00  
 LOGGING RATE PER WELL-YEAR: 15552.00

**EQUIPMENT DATA**

Run No.	Logging Unit	Location	Gamma Ray Tool No.	Compensated Density Tool No.	Source No.	Source Type	Source Stg.	Tool No.	Compensated Neutron Tool No.	Source No.	Source Type	Source Stg.
ONE	418											

**CALIBRATION DATA**

Run No.	Gamma Ray	Compensated Density	Compensated Neutron
ONE	101	551	711

**LOGGING DATA**

Run No.	General	Gamma Ray	Compensated Density	Fluid Density	Matrix Density	Matrix Type	Const. "K"	Temp. Grad.	Salinity PPM NaCl	Surf. Temp.
ONE	4.0	5.0	1.5	1.0	2.05		5.5	85	1000	70

REMARKS: GO #210826

NOTICE: 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 one 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.

**GAMMA RAY**

API → 150 ← UNITS

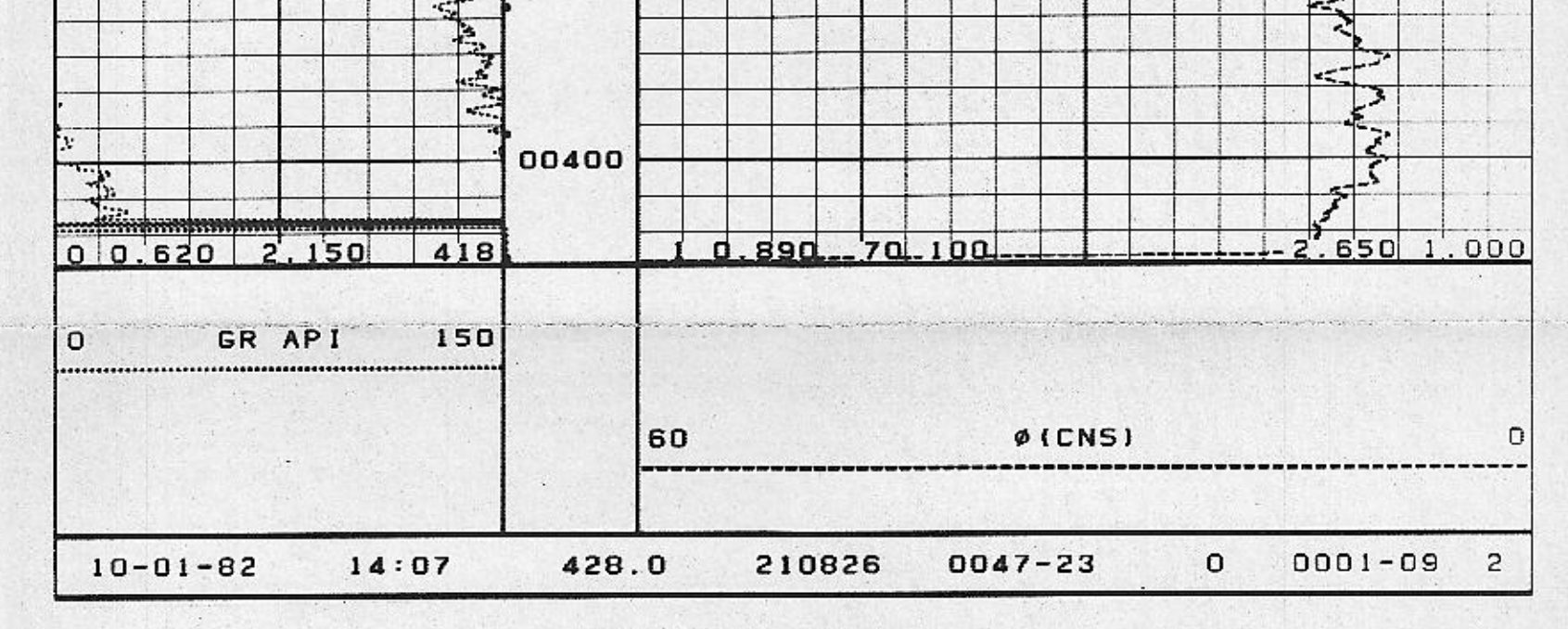
**BULK DENSITY - NEUTRON - POROSITY**

GRAMS/cm<sup>3</sup>

**CALIPER**

HOLE SIZE - INCHES

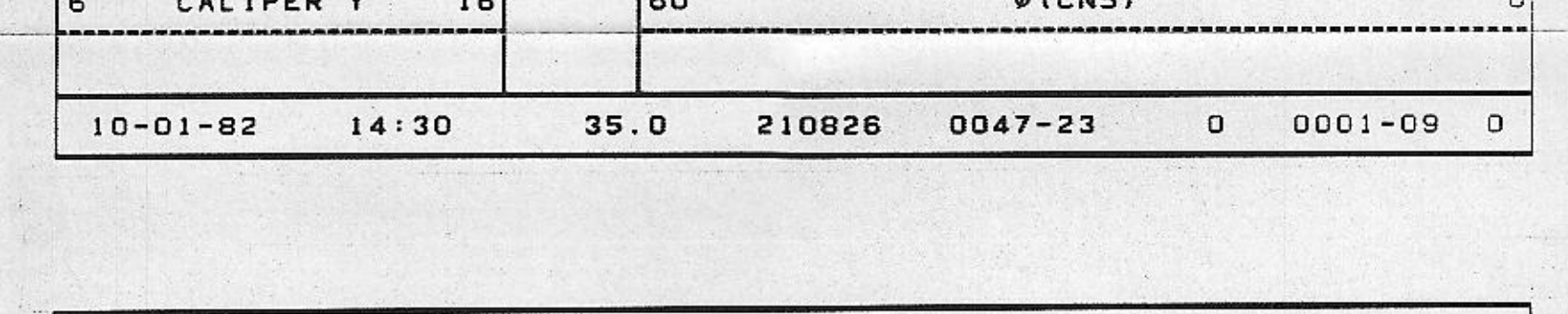
10-01-82 14:14 30.0 210826 0047-23 0 0001-09 2



10-01-82 14:07 428.0 210826 0047-23 0 0001-09 2

STAT. CHECK AFTER SURVEY

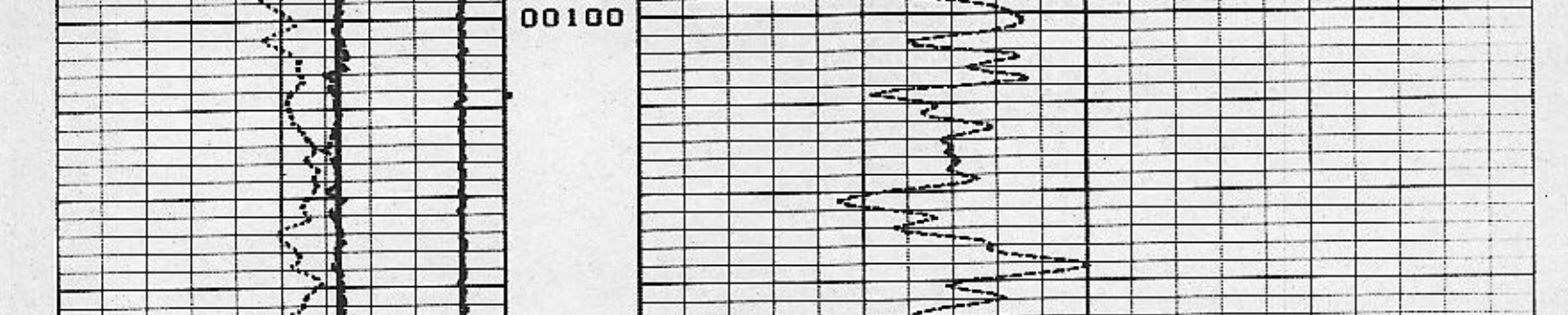
10-01-82 14:30 35.0 210826 0047-23 0 0001-09 0



10-01-82 14:30 35.0 210826 0047-23 0 0001-09 0

10-01-82 14:14 30.0 210826 0047-23 0 0001-09 2

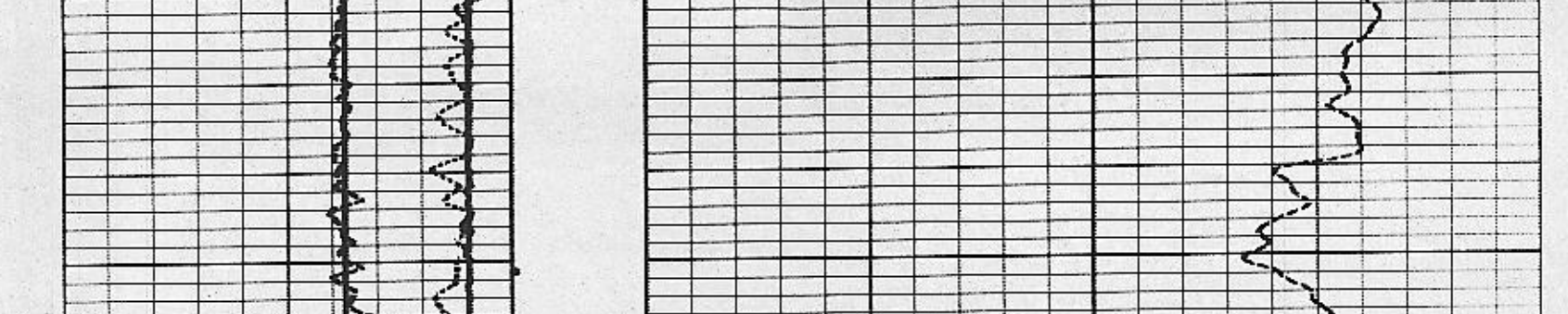
6 CALIPER Y 16



10-01-82 14:07 428.0 210826 0047-23 0 0001-09 2

REPEAT SECTION

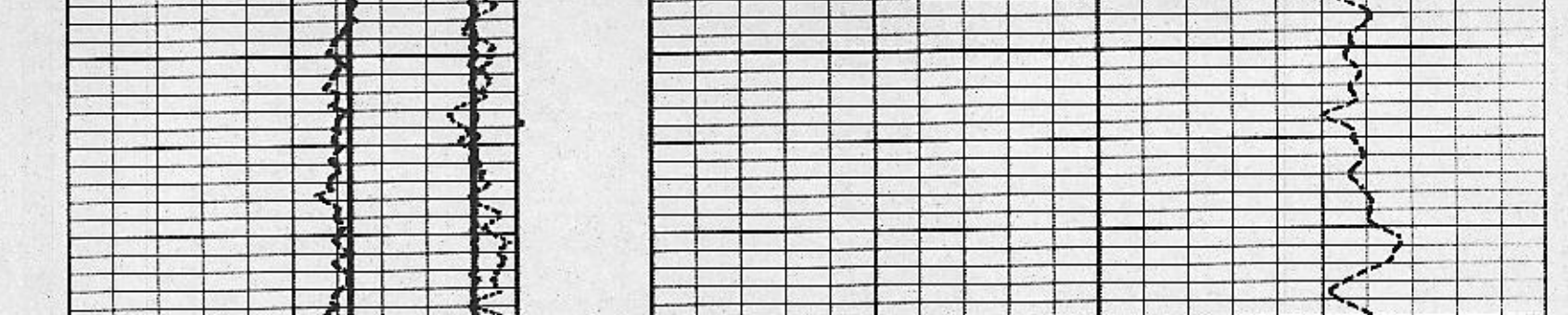
10-01-82 13:57 226.5 210826 0047-23 0 0001-09 1



10-01-82 13:55 428.5 210826 0047-23 0 0001-09 1

STAT. CHECK BEFORE SURVEY

10-01-82 13:31 85.5 210826 0047-23 0 0001-09 0



10-01-82 13:31 85.5 210826 0047-23 0 0001-09 0

HOLE SIZE - INCHES

CALIPER

GAMMA RAY

DEPTHS

BULK DENSITY - NEUTRON - POROSITY

GRAMS/cm<sup>3</sup>

Company: GRACE GLOTHERMA

Well: 4-5-14

Field: WILDCAT

County: HUMBOLDT State: NEVADA

GO FR 115'

GO TO 115'

DRLR TO 118'

Elev: KB

GL 5250'