Schlumberger

COMPENSATED FORMATION DENSITY LOG

Compensated Gamma Gamma

COUNTY
FIELD or LOCATION
WELL
COMPANY

COMPANY Compañía De Exploración
WELL Guadalupe-Africa M-30
COUNTY Ensenada
FIELD Cerro Prieto
COUNTY Baja
STATE California

Permanent Datum: Sea Level
Elevation: 0 ft. Above
Log Measured from: G.L.
Drilling Measured from: G.L.

Date: 8-21-72
Depth Driller: 2604
Depth Logger: 2355
Depth Logger: 2326
Bottom Log Interval: 2324
Top Log Interval: 508
Casing - Driller: 13 3/8 @ 508
Casing - Logger: 508
Bit Size: 12 1/4
Type Fluid in Hole: FGM
Density: 9.2
Viscosity: 34
Fluid Loss: 12.0
Source of Sample: Flowline
Rm @ Meas. Temp.: 1.0 @ 75°F
Rmf @ Meas. Temp.: 1.0 @ 75°F
Rmc @ Meas. Temp.: 1.0 @ 75°F
Source: Rmf Rmc Measured
Rm @ BHT: 0.8 @ 200°F
Time Since Circulation: 8 hrs.
Time Since Circ.: 8 hrs.
Max. Rec. Temp.: 200°F
Equipment Location: Ensenada
Recorded by: Rodriguez
Witnessed by: Mr. Lopez

[redacted]

EQUIPMENT DATA

Run No.	PG P-	PDH A	PGH A	PGE	Source No.	SFT 106	SGH	Logging Unit	Location
1	EC-515	612		229	2384	98		5613	L.B.
2									
3									

CALIBRATION DATA

Run No.	API Scale	Gamma Ray Background CPS	Total CPS	FDC - Before Log - ACPS Short	Long	FDC - After Log - ACPS Short	Long
1				404	683	404	683
2							
3							

LOGGING DATA

Run No.	Depths From	To	Speed Ft./Min.	T_c	Gamma Ray API Scale	FDC Selectors Liquid Density	Grain Density	Hole Fluid	Porosity Scale
1	508	2326	40	2		1.0	2.65	FRESH	0.90-60

MUD DATA

Run No.	Rm.	% Solids by Vol.	% Oil by Vol.	% Water by Vol.	Viscosity, Sec/Qt.	Solids, Av. Sp. Gr.
1	@ °F				@ °F	
2	@ °F				@ °F	
3	@ °F				@ °F	

Remarks:

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, cost, 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 forth in our current Price Schedule.

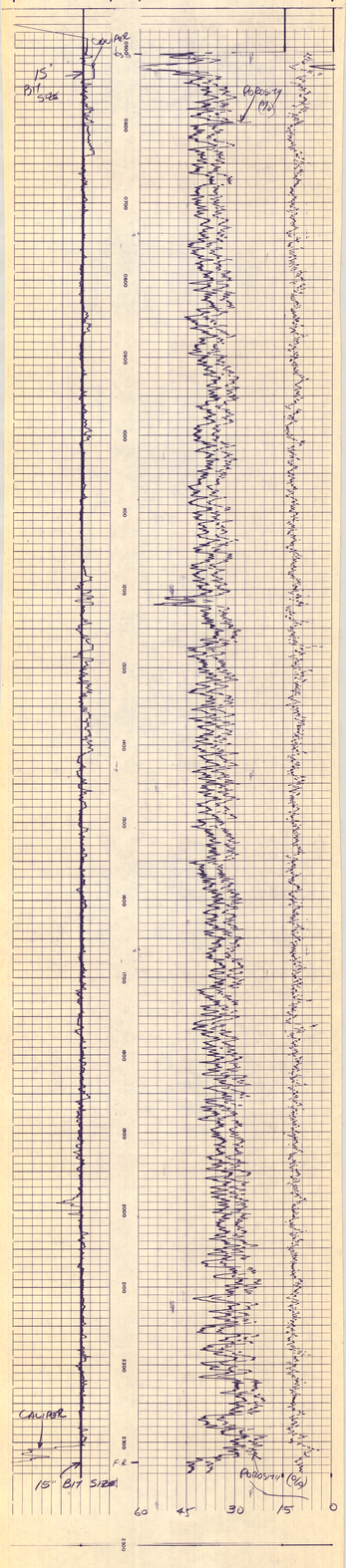
CALIPER
HOLE DIAM. IN INCHES
8 — 18

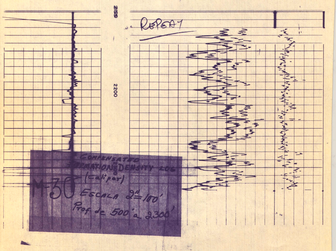
CALIPER

POROSITY (%)
60 — 45 — 30 — 15 — 0

CORRECTION
GRAMS/CC
-.25 — 0 — .25

BULK DENSITY
GRAMS/CC
1.75 — 2.25 — 2.75
1.25 — 1.75





[redacted]