Figure 1a.--Electrical logs - Concluded

Well MAR 2 (19.5.17.334) Microlog

68-84

SCHLUMBERGER

MICROLOG (WITH CALIPER)

SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COUNTY	DONA ANA
FIELD or LOCATION	WATER WELL
WELL	MAR WATER SUPPLY #2
	WHITE SANDS MISSILE RANGE
COMPANY	CORP OF ENGINEERS

COMPANY	WHITE SANDS MISSILE RANGE CORP OF ENGINEERS
WELL	MAR WATER SUPPLY #2
FIELD	WATER WELL
COUNTY	DONA ANA
STATE	NEW MEXICO
LOCATION	Sec. 17 Twp. 19-S Rge. 5-E
Other Services:	IES

Permanent Datum: GROUND LEVEL, Elev. NA
Log Measured From GL, ___ Ft. Above Perm. Datum
Drilling Measured From GL
Elev.: K.B. NA; D.F. NA; G.L. NA

Date	10-28-63			
Run No.	ONE			
Depth—Driller	650			
Depth—Logger	654			
Btm. Log Interval	653			
Top Log Interval	10			
Casing—Driller	12-3/4"@10	@	@	@
Casing—Logger	--			
Bit Size	10-1/4"			
Type Fluid in Hole	FRESH WATER GEL			
Dens. / Visc.	-- / --			
pH / Fluid Loss	-- / -- ml	ml	ml	ml
Source of Sample	PIT			
R_m @ Meas. Temp.	8.2 @ 72 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	-- @ -- °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	-- @ -- °F	@ °F	@ °F	@ °F
Source: R_{mf} / R_{mc}	-- / --			
R_m @ BHT	-- @ -- °F	@ °F	@ °F	@ °F
Time Since Circ.	--			
Max. Rec. Temp.	-- °F	°F	°F	°F
Equip. / Location	2524-ARTESIA			
Recorded By	VANN			
Witnessed By	DOTY			

FOLD HERE

REMARKS

Changes in Mud Type or Additional Samples				
Date / Sample No.				
Depth—Driller				
Type Fluid in Hole				
Dens. / Visc.				
ph / Fluid Loss		ml		ml
Source of Sample				
R_m @ Meas. Temp.	@	°F	@	°F
R_{mf} @ Meas. Temp.	@	°F	@	°F
R_{mc} @ Meas. Temp.	@	°F	@	°F
Source: R_{mf} / R_{mc}				
R_m @ BHT	@	°F	@	°F
R_{mf} @ BHT	@	°F	@	°F
R_{mc} @ BHT	@	°F	@	°F

Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down Hole

Equipment Data

Run No.	Tool Type	Tool Position	Other

Mud Log: Rm: ___ Depth: ___

Equip. Used: PANEL No. 79; SONDE No. 123

SPONTANEOUS - POTENTIAL millivolts	DEPTHS	RESISTIVITY ohms — m²/m
Micro ☐ ES ☐		Micro Inverse 1" x 1": 0 — 20 — 40
MICROCALIPER Hole Diameter in Inches: 5" — 15"		Micro Normal 2": 0 — 20 — 40

MICROCALIPER Hole Diameter in Inches: 5" — 15"		Micro Inverse 1" x 1": 0 — 20 — 40
Micro ☐ ES ☐		Micro Normal 2": 0 — 20 — 40
SPONTANEOUS - POTENTIAL millivolts	DEPTHS	RESISTIVITY ohms — m²/m

COMPANY WHITE SANDS MISSILE RANGE CORP OF ENGINEERS — R_m 8.2 @ 72 °F; SWSC FR 653
WELL MAR WATER SUPPLY #2 — R_{mf} -- @ -- °F; SWSC TD 654
FIELD WATER WELL — R_{mc} -- @ -- °F; DRLR TD 650
BHT -- °F; Elev: KB NA, DF NA, GL NA
COUNTY DONA ANA STATE NEW MEXICO