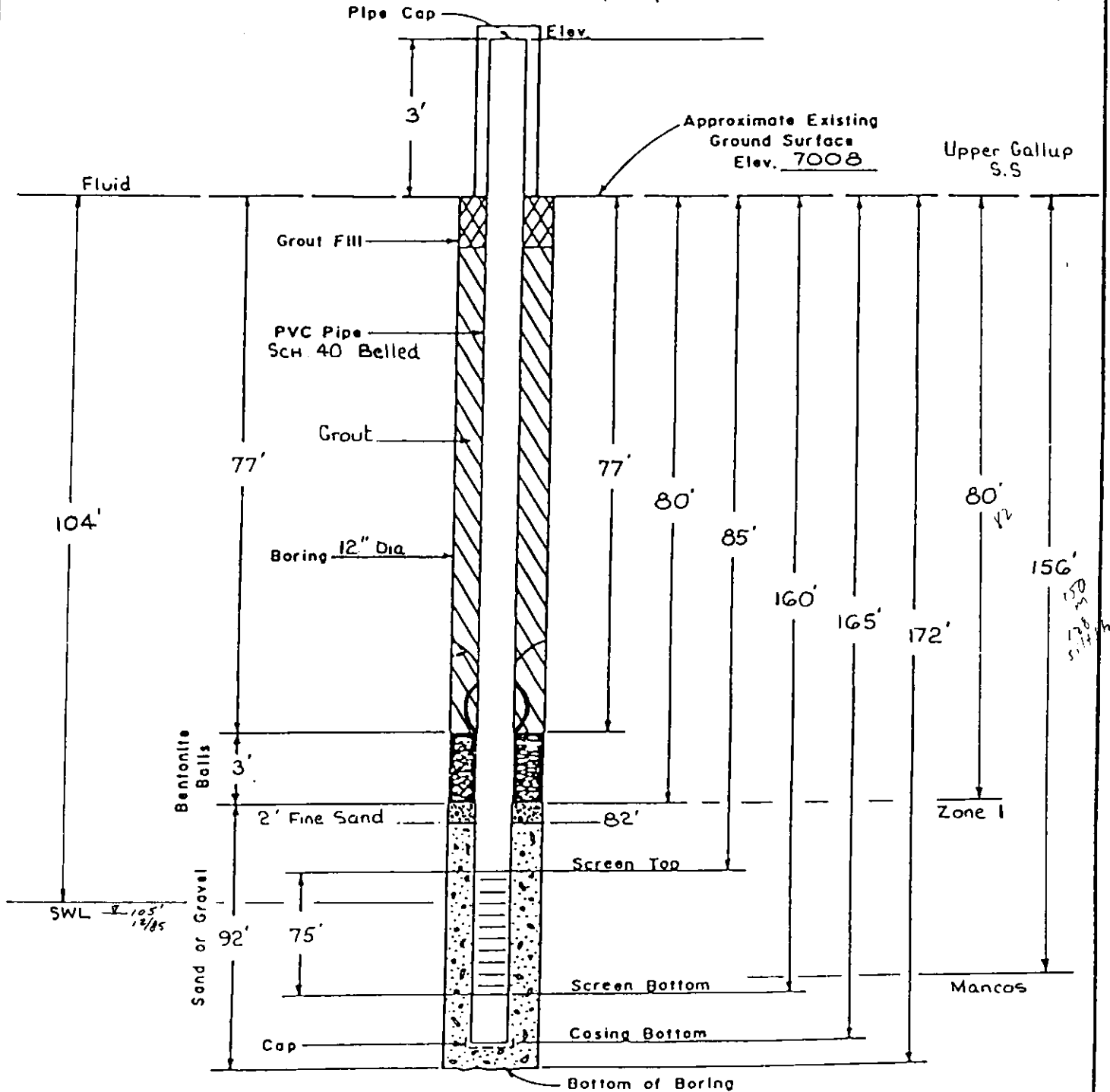


PIEZOMETER INSTALLATION SKETCH

Casing Diameter	4"	Development Method	BAIL & SURGE (PUMP)
Screen Diameter	4"	Drilling Method	MUD ROTARY
Screen Slot Size	0.028"	Drilling Mud Used	KWIK GEL
Developing Time	-	Pump Size	1/3 H.P., 5 G.P.M
Nom. Prod.	1 GPM	Pump Depth	160'



Installed By GB - LA MADERA-FREEMAN

Project WGG215.0

Piezometer No. 7(16-629)
ZONE I

File _____
Date 2/23/85



PROJECT NUMBER W66215.0	BORING NUMBER
SHEET 1 OF 1	
SOIL BORING LOG	

PROJECT CHURCH ROCK - UNC - EPA LOCATION #7 (16-635) 629
 ELEVATION 7003 DRILLING CONTRACTOR LA MADERA SERVICES
 DRILLING METHOD AND EQUIPMENT MUD ROTARY & DIAMOND CORE
 WATER LEVEL AND DATE 1/14/85 START 1/12/85 FINISH 1/14/85 LOGGER G.B.

ELEVATION	DEPTH BELOW SURFACE	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOLIC LOG	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
		INTERVAL	TYPE AND NUMBER	RECOVERY				
	20					OLIVE BROWN, FINE GRAINED SILTY SAND ~ 30% CLAY		
	40							
	60					SAND MIXED W/ GRAVEL ~ 1/4" VARIABLE COLORED, ANGULAR W/ COAL CHIPS, FINE - MEDIUM GRAINED		
	80					BROWN - ORANGE SAND + GRAVEL 1/2", ANGULAR, MEDIUM GRAINED		
	80					BLUE-GRAY SAND, FINE TO MEDIUM GRAINED 2:1, CLAY		
	100							

- CORE POINT



PROJECT NUMBER

ROCK CORE LOG

PROJECT United Nuclear Corporation LOCATION Blanch Rock New Mexico
 DRILLING METHOD _____ DRILLERS & EQUIPMENT _____
 ELEVATION _____ ORIENTATION _____ BORE HOLE: # 7
 WATER LEVEL _____ DATE: _____ START: _____ FINISH: _____ INSPECTOR _____

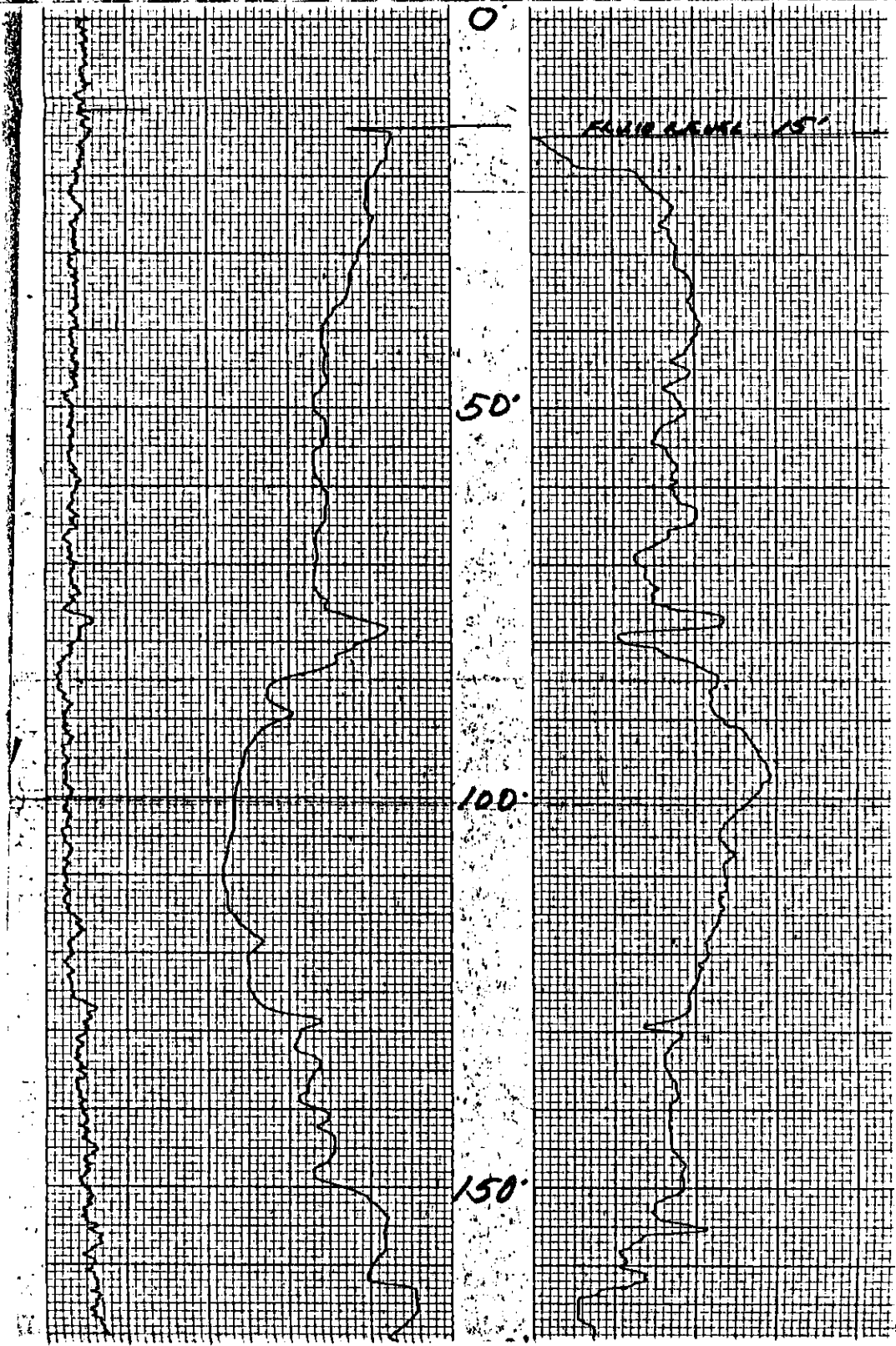
DEPTH	COMMENTS	CORE RUN LENGTH AND RECOVERY (%)	CORE LOSS ZONE	BOX NUMBER	DISCONTINUITIES		LITHOLOGY		GRAPHIC LOG
	TESTS INSTRUMENTATION CORING RATE AND SMOOTHNESS CORING FLUID LOSS				ROD	FRACTURES PER FOOT	DESCRIPTION TIGHTNESS PLANARITY SMOOTHNESS FILLING, STAINING ORIENTATION	MINERALOGY CLASSIFICATION COLOR GRAIN SIZE ALTERATION	
74							fine grained	2.5	
96							medium grained	2.5	
98							medium grained	2.5	
102						block and over stain	medium grained	2.5	
107							medium grained	2.5	
109							medium grained	2.5	
110						block and over stain	medium grained	2.5	
112						block and over stain	medium grained	2.5	
114							medium grained	2.5	
116							medium grained	2.5	
118							medium grained	2.5	
120							medium grained	2.5	
122							medium grained	2.5	



ROCK CORE LOG

PROJECT _____ LOCATION _____
 DRILLING METHOD _____ DRILLERS & EQUIPMENT _____
 ELEVATION _____ ORIENTATION _____ BORE HOLE: # 7
 WATER LEVEL _____ DATE: _____ START: _____ FINISH: _____ INSPECTOR _____

DEPTH	COMMENTS TESTS INSTRUMENTATION CORING RATE AND SMOOTHNESS CORING FLUID LOSS	CORE RUN LENGTH AND RECOVERY (%)	CORE LOSS ZONE	BOX NUMBER	DISCONTINUITIES		LITHOLOGY		GRAPHIC LOG
					RQD	FRACTURES PER FOOT	DESCRIPTION TIGHTNESS PLANARITY SMOOTHNESS FILLING, STAINING ORIENTATION	MINERALOGY CLASSIFICATION COLOR GRAIN SIZE ALTERATION	
124'							horizontal bedding	medium grey SS black varves more tightly compacted columnar or subrounded	
126'								aa	
128'								aa	
130'								aa	
132'								dark grey to light grey SS + clay stringers	
134'								grey SS 25% clay	
136'								grey SS tightly compacted	
138'								aa	
140'				140 to 141				grey SS clay SS clay to clay silt stringers grey SS	
142'								grey to dark grey SS black varves	
144'								medium dark grey SS	
146'									
148'									
150'									



EIA-11
1-70