

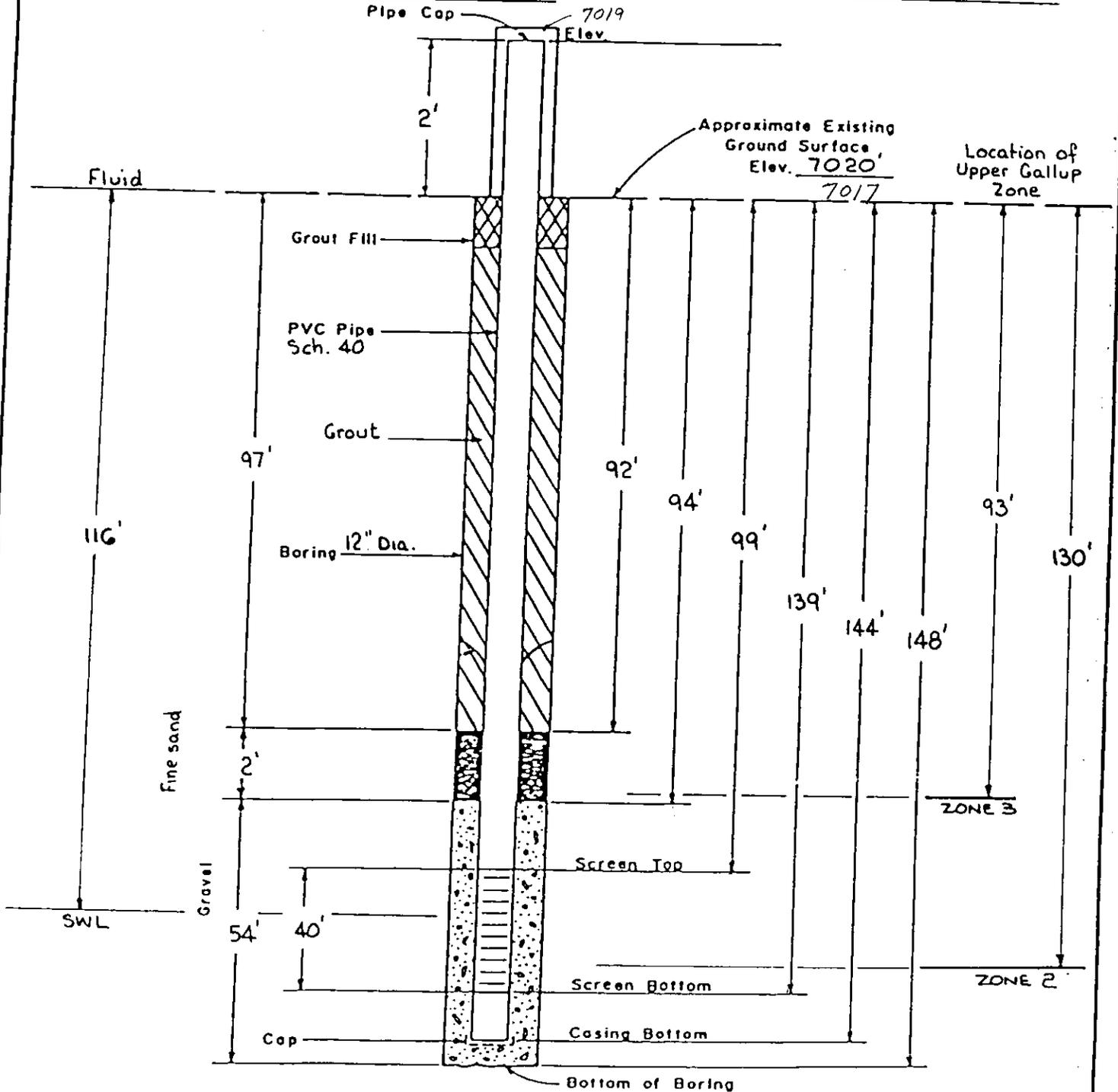
UNC NECR TAILINGS AREA

WELL STATISTICS

Well No.	Coordinates		Elevations		Total Depth	Screen Interval	Remarks
	North	East	Top of Pipe	Ground			
EPA-1	78329.799	62920.737	7035.544	7033.644	250		Zone 3 Navajo Res.
EPA-2	75472.759	61621.362	7019.485	7016.905	200		Zone 1 Sec. 1
EPA-3	75567.190	61642.044	7019.070		144		Zone 3 Sec. 1
EPA-4	74989.453	61364.363	7069.798	7066.298	240		Zone 1 Sec. 1
EPA-5	74230.639	61404.456	7011.444		142		Zone 1 Sec. 1
EPA-6	74937.353	61314.441	7068.063		165		Zone 1 Sec. 1
EPA-7	73875.424	61458.813	7011.662	7008.662	165		Zone 1 Sec. 1
EPA-8	74939.892	61827.349	7076.402	7072.632			Zone 3 Sec. 1
EPA-9	74917.436	61820.306	7076.612	7072.912			Zone 3 Sec. 1
EPA-10	77764.119	62494.867	6996.696	6993.266	200		Zone 3 Sec. 36
EPA-11	77408.011	62308.547	7001.982	6998.832	176		Zone 3 Sec. 36
EPA-12	76976.574	62460.767	7029.215	7026.215	190		TOR? Sec. 36
EPA-13	76030.598	62247.875	7032.917	7030.467	180		Zone 3 Sec. 36
EPA-14	76463.983	61073.303	6965.611	6962.611	145		Zone 3 Sec. 36
EPA-15	76469.342	61469.396	7002.932	6999.352	165		Zone 3 Sec. 36
EPA-15A	76515.982	61451.828	6997.911	6994.641			Zone 3 Sec. 36
EPA-15B	76434.974	61375.866	7001.715	6998.505			Zone 3 Sec. 36

PIEZOMETER INSTALLATION SKETCH

Casing Diameter <u>4"</u>	Development Method <u>BAIL & SURGE (PUMP)</u>
Screen Diameter <u>4"</u>	Drilling Method <u>MUD ROTARY, 12" BIT</u>
Screen Slot Size <u>0.028"</u>	Drilling Mud Used <u>"QUICK-GEL" BENTONITE</u>
Developing Time _____	Pump Size : <u>1/3 H.P., 5 G.P.M.</u>
Nom. Prod. <u>2 G.P.M.</u>	Pump Depth : <u>139'</u>



Installed By CWH - LA MADERA

Piezometer No. 16-632 (#3)
ZONE 3

Project W66215.00

File _____

Date 12/18/04



PROJECT NUMBER
W66215.00

ROCK CORE LOG

PROJECT United Nuclear Corp. Ref. IT LOCATION Church Rock, N.M.
 DRILLING METHOD Mod rotary, - 9111 1250 DRILLERS & EQUIPMENT LaMadera Services Albuquerque, N.M.
 ELEVATION ± 7017' ORIENTATION Vertical BORE HOLE: 16-632
 WATER LEVEL _____ DATE: 12/13/84 START: 12/12/84 FINISH: 12/13/84 INSPECTOR CWTT

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
					ROD	FRACTURES PER FOOT	DESCRIPTION TIGHTNESS PLANARITY SMOOTHNESS FILLING, STAINING ORIENTATION	MINERALOGY CLASSIFICATION COLOR GRAIN SIZE ALTERATION	
20	Driller notes generally very soft coring No circulation loss	NX-2 3.0' 5.2'		2	1/2	4/2	NO fractures are evident due to lack of cementation of material	Sandstone, light grey, generally fine to medium grained, mic, bedding; not apparent; unweathered rock but very weakly cemented, material is easily broken by hand; mostly core is not cemented, material is of zone 3 of Upper Gallup Fm	
125	No circulation loss, generally firm material	NX-3 9.6' 15.0' 96%	Bottom 125.2	2, 3, and 4	63 100 67%	2 1 3 1 2 2 3 2	Top open, smooth surface, no inditing, Open, generally smaller or subparallel to bedding (i.e. in core axis)	SANDSTONE, light grey w/some Very thin layers (< 1/8 inch) of black carbonaceous material, unweathered, poorly cemented, not core - no contact, 1. - appears generally unfractured, some fractures noted on this log may have been induced by coring & extrusion, difficult to distinguish in this case because rock is so soft, Material is zone 3 of Upper Gallup Fm	
135									

135.2



PROJECT NUMBER
W66215

ROCK CORE LOG

PROJECT United Nuclear Corporation, FIT LOCATION Church Rock, N.M.
 DRILLING METHOD Mud rotary, Falling 1250 DRILLERS & EQUIPMENT La Motera Services, N.M.
 ELEVATION ± 7017' ORIENTATION Vertical BORE HOLE: 16-632
 WATER LEVEL _____ DATE: _____ START: 12/12/84 FINISH: 12/13/84 INSPECTOR CWLL

DEPTH	COMMENTS	CORE RUN LENGTH AND RECOVERY (%)	CORE LOSS ZONE	BOX NUMBER	DISCONTINUITIES		LITHOLOGY		GRAPHIC LOG
					ROD	FRACTURES PER FOOT	DESCRIPTION	MINERALOGY CLASSIFICATION	
132	Generally firm drilling, quicker than other runs; change in cuttings @ 132 inches -- from light gray to black coal?	NX-4 89% 10.0' 89%		A	17% 10.0'	3	Joints open, surfaces generally smooth, no infillings	SANDSTONE medium gray w/ some thin (1/8") carbonaceous layers 1/4 inch thick; generally fine to medium grain w/ some exclusively medium grained zones up to 12" thick in lower half of core; material is Zone 3 of Upper Gallup Fm;	
137				S	17%	8			
140						7			
142						6			
144						5			
145						5			
146						4			
147						4			
148	coal @ bottom?	144.1				2			
145		145.2							
146		NX-5		S					
147									
148		147.7							
149									
149		149.0							
150		TD					END OF WELL @ 149.0 feet		