

rina N	lumber:10 umber: PV	V-1	(Project Name: Forida Power and Light Coordinates:25" 26'12.7306 N; 80"19'16.6207 W		Date Start:1/16/09 Date End: 1/23/09		
vatior	n: 3.51' NA	VD 88		Depth GW: 6.27 Date: 1/21/09			Sheet 1 of 1	
		r: D.Daigle		Depth GW: 5.45 Date: 1/26/09				
lling iv	1ethod: Re	everse Air						
Depth (FT)	Elevation (FT NAVD 88)	Sample Type	Blows/6 inch	DESCRIPTION Fill material (rock fragments, gravel, shell)	nscs	Visual Log	Remarks	
2 3 4 5		drill cuttings		iii material (rook nagmonte, gravel, enem)				
6 7 8 9	-5.49 -6.49	drill cuttings		Poot dark brown, plant material, al. maiet	PT			
0	-0.49			Peat-dark brown, plant material, sl. moist .t gray limestone, friable, sdy, few mollusk	F1			
12 13 14 15		drill cuttings	s	hells; some fossil shell casts, small voids; wet; calcarenite)				
16 17 18 19		drill cuttings						
21 22 23 24 25		drill cuttings						
26 27 28 29		drill cuttings						
30 31 32 33 34	-28.49	drill cuttings		t gray cemented sand and fine sand; cemented sand frags; wet				
35 36 37 38 39		drill cuttings						
11 12 13 14 15	-38.49	drill cuttings	у	at gray limestone and tan-yellow coral fragments; rellow-brown calcite replaced coral, coral structure till noted;		C		
7 8 9 0 1				Total Depth 46'				

				HDR Engineering, Inc.				
roject N	Number:10	1650		Project Name: Forida Power and Light		Date Start:1/07/09		
oring iv	lumber: M' n: 3.00' NA	VV-1 15 VD 88		Coordinates:25"26'12.3058" N; 80'19'17.2599" W Depth GW: 5.64 Date: 1/21/09			Date End: 1/08/09 Sheet 1 of 2	
		r: D.Daigle	!	Depth GW: 5.31 Date: 1/26/09			51155t 1 01 Z	
	/lethod: Re						T.	
Depth (FT)	Elevation (FT NAVD 88)	Sample Type	Blows/6 inch	DESCRIPTION	nscs	Visual Log	Remarks	
1 2 3 4		drill cuttings		Fill material (rock fragments, gravel, shell)				
5 6 7		SPT	5-4-4-5					
8 9	-5.0	drill cuttings		Peat-dark brown, plant material, sl. moist	PT			
10 11 12	-7.0	SPT	7-16-19-18 Lt gray limestone, friable, sdy, few mollusk shells; some fossil shell molds, small voids; wet;		7			
13 14 15 16		SPT	5-7-14-10	(calcarenite)				
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30		drill cuttings		mud loss		C		
31 32	00	SPT	10-18-21-29					
33 34 35	-29	SPT	16-15-32-17	Lt gray cemented sand and fine sand; cemented sand frags;				
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50				Lost drill bit in hole, move to new location				

				BORING LOG			
Project	Number:10)1650		HDR Engineering, Inc. Project Name: Forida Power and Light			Date Start:1/07/09
Boring N	lumber: M'	W-1		Coordinates:25"26'12.2359" N; 80'19'17.3150" W			Date End: 1/23/09
Elevatio	n: 3.00' NA	AVD 88 r: D.Daigle		Depth GW: 5.64 Date: 1/21/09 Depth GW: 5.31 Date: 1/26/09			Sheet 1 of 2
	Method: Re		:	Deptil GW. 3.31 Date: 1/20/03			
Depth (FT)	Elevation (FT NAVD 88)	Sample Type	Blows/6 inch	DESCRIPTION	nscs	Visual Log	Remarks
1 2 3 4		drill cuttings		Fill material (rock fragments, gravel, shell)			
5 6 7		SPT	5-4-4-5				
8 9 10	-5.0 -7.0	drill cuttings		Peat-dark brown, plant material, sl. moist	PT		
11 12 13 14	7.0	SPT	7-16-19-18	Lt gray limestone, friable, sdy, few mollusk shells; some fossil shell molds, small voids; wet; (calcarenite)			
15 16 17		SPT	5-7-14-10			Q	
18 19 20 21 22 23 24 25 26 27 28 29		drill cuttings		mud loss			
30 31 32	-29	SPT	10-18-21-29	LA sure constant and sure of fire a sound assessment and sure of fire a sound assessment as a sound as a sound assessment as a sound assessment as a sound	-		
33 34 35 36 37 38 39 40	-23	SPT drill cuttings	16-15-32-17	Lt gray cemented sand and fine sand; cemented sand frags;			
41 42 43 44 45 46 47 48 49 50	-41	drill cuttings		Lt gray limestone and tan-yellow coral fragments; yellow-brown calcite replaced coral, coral structure still noted;		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	

				SOIL BORING LOG				
				HDR Engineering, Inc.				
Project N	Number:10	11650		Project Name: Forida Power and Light		Date Start:1/07/09 Date End: 1/23/09		
Boring IN	lumber: M' n: 3.00' NA	W-1		Coordinates:25"26'12.2359" N; 80'19'17.3150" W Depth GW: 6.27 Date: 1/21/09			Sheet 2 of	2
		r: D.Daigle		Depth GW: 5.45 Date: 1/21/09 Depth GW: 5.45 Date: 1/26/09			Sileet 2 0i	2
Drilling N	nethod: Re	everse Air		Depth GW. 5.45 Date. 1/25/65				
		Type	6 inch			Log		
Depth (FT)	Elevation (FT NAVD 88)	Sample Type	Blows/6 inch	DESCRIPTION	nscs	Visual Log	Re	marks
51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 90 90 90 90 90 90 90 90 90	(F	drill cuttings drill cuttings drill cuttings drill cuttings		Light gray sandy, fossiliferous limestone, fossil molds and shells; gastropods and pelcypods present; some yellow-brown calcite-replaced coral fragments; light gray to white sandy limestone, some fossil shells,trace burrows; more vugs and burows noted Total Depth 75 feet			based on vi	
					ļ			

	Number:10			HDR Engineering, Inc. Project Name: Forida Power and Light		Date Start:1/7/09		
Boring Number: MW-2 Elevation: 4.41' NAVD 88				Coordinates:25" 26'16.9299 N; 80"19' 07.6459 W	Date End: 1/28/09			
		r: D.Daigle		Depth GW: 9.36 Date: 2/10/09 Depth GW: 9.61 Date: 2/20/09			Sheet 1 of 1	
	//ethod: Re			Deptil GW. 9.01 Date. 2/20/09				
Depth (FT)	Elevation (FT NAVD 88)	Sample Type	Blows/6 inch	DESCRIPTION	nscs	Visual Log	Remarks	
1				Fill material (rock fragments, gravel, shell)				
2		drill						
4		cuttings						
5	l							
6								
7								
8 9	-4.6				 			
10	-4.0	0.0.7		l Peat-dark brown, plant material, sl. moist	PT			
11		SPT	4-5-5-8	,				
12		drill						
13		cuttings		I k avan limaakana fiiahla aku fan malluali				
14 15				Lt gray limestone, friable, sdy, few mollusk shells; some fossil shell casts, small voids; wet;				
16	=	ODT	55 OF 50/5	(calcarenite); thin dolomite stringer at about 17;				
17		SPT	55-35-50/5					
18								
19								
20 21	-							
22		drill						
23		cuttings						
24								
25 26				Imud loss at 26' bls				
27	-	0.D.T.	0.4.4.0	illidd ioss at 20 bis				
28		SPT	8-4-4-13					
29								
30 31								
32		drill						
33		cuttings						
34								
35 36	-30.6		•		 			
37		drill		Lt gray calcareous cemented sand and fine sand;		6		
38		cuttings		cemented sand frags; few shell frags; wet				
39								
40 41						اها		
42		drill				7.5		
43		cuttings						
44	-39.9				<u> </u>			
45 46				Lt gray sandy limestone and tan-yellow coral fragments;				
46 47	-			yellow-brown calcite replaced coral, coral structure noted;		7		
48				1000,				
49				Total Depth 47'				
50								
51 52								
J								

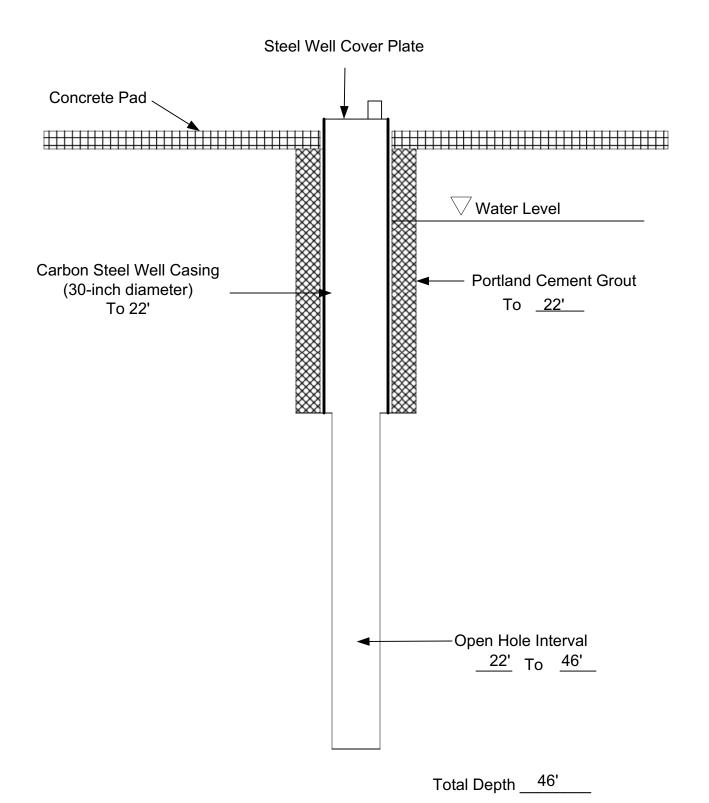
Project Number:101650				Project Name: Forida Power and Light		Date Start:1/8/09		
Boring Number: MW-3 Elevation: 2.87' NAVD 88			-	Coordinates:25" 26'10.2903 N; 80"19' 36.8590 W		Date End: 2/3/09		
		r: D.Daigle		Depth GW: 7.67 Date: 2/11/09 Depth GW: 8.27 Date: 2/20/09			Sheet 1 of 1	
	lethod: Re			Deptil GW. 0,27 Date. 2/20/03				
Depth (FT)	Elevation (FT NAVD 88)	Sample Type	Blows/6 inch	DESCRIPTION	nscs	Visual Log	Remarks	
1				Fill material (rock fragments, gravel, shell)				
2 3 4 5 6 7 8		drill cuttings		Doet down busyon plant material of maint				
9 10	=	SPT		Peat-dark brown, plant material, sl. moist	PT			
11 12	-	drill						
13 14 15		cuttings		Lt gray limestone, friable, sdy, few mollusk shells; some fossil shell casts, small voids; wet;				
16 17		SPT		(calcarenite); thin dolomite stringer at about 15;'				
18	-							
19 20 21 22		drill cuttings		mud loss 27'		C		
23 24	-	SPT						
25 26 27 28 29 30 31 32 33		drill cuttings drill cuttings				C		
34 35			-	Lt gray calcareous cemented sand and fine sand;				
36	-			cemented sand frags; few shell frags; wet		<u>م</u>		
37 38 39 40	С	drill cuttings		Lt gray sandy limestone and tan-yellow coral fragments; yellow-brown calcite replaced coral, coral structure noted;		C/		
41 42 43 44		drill cuttings				G_{G}		
45 46 47 48 49 50 51 52				Total Depth 44'				

ring N	Number:10 lumber: M	W-4		Project Name: Forida Power and Light Coordinates:25" 26'03.0608 N; 80"19' 36.4789 W			Date Start:2/2/09 Date End: 1/28/09
	n: 4.43' NA			Depth GW: 8.20 Date: 4/1/09			Sheet 1 of 1
ologis Ilina N	t/Enginee ∕lethod: Re	r: D.Daigle everse Air		Depth GW: 8.14 Date: 4/10/09			
	Elevation (FT NAVD 88)	Sample Type	Blows/6 inch			- God	
Depth (FT)	evati	m pk)/SMC		nscs	Visual Log	
	88)	Sa		DESCRIPTION	SN	<u> </u>	Remarks
1 2 3 4 5 6 7 8	-4.6	drill cuttings		Fill material (rock fragments, gravel, shell)			
9 10		SPT	7 10 14 14	Peat-dark brown, plant material, sl. moist	PT		
11 12	-7.1	drill	7-12-14-14				
13 14 15		cuttings		Lt gray limestone, friable, sdy, few mollusk shells; some fossil shell casts, small voids; wet;			
16 17		SPT	17-14-8-8	(calcarenite); thin dolomite stringer at about 17;'			
18 19 20 21 22 23 24 25 26		drill cuttings SPT	8-4-4-13	mud loss 20'		C	
27 28 29 30		drill cuttings					
31 32 33 34 35	-29.6	drill cuttings					
36 37 38 39 40		drill cuttings		Lt gray calcareous cemented sand and fine sand; cemented sand frags; few shell frags; wet		۵	
41 42 43 44	-38.6	drill cuttings				6	
45 46 47 48 49 50 51 52				Lt gray sandy limestone and tan-yellow coral fragments; yellow-brown calcite replaced coral, coral structure noted; Total Depth 47'			

	lumber:10 umber: M			Project Name: Forida Power and Light Coordinates:25" 26'22.7708 N; 80"19' 43.9645 W			Date Start:1/8/09 Date End: 2/4/09
evation	n: 2.86' NA	VV-3 VD 88		Depth GW: 5.03 Date: 2/11/09			Sheet 1 of 1
ologis	t/Enginee	r: D.Daigle		Depth GW: 6.42 Date: 2/20/09			
lling N	1ethod: Re	everse Air			ı		•
Depth (FT)	Elevation (FT NAVD 88)	Sample Type	Blows/6 inch	DESCRIPTION Fill material (rock fragments, gravel, shell)	nscs	Visual Log	Remarks
2			ľ	i ili materiai (rock fragments, graver, sheli)			
3 4 5 6 7		SPT drill cuttings	I	Peat-dark brown, plant material, sl. moist	PT		
9		SPT					
10 11		drill					
12 13		cuttings					
14 15		SPT	9	Lt gray limestone, friable, sdy, few mollusk shells; some fossil shell casts, small voids; wet;			
16 17 18		drill cuttings	((calcarenite); thin dolomite stringer at about 13;'		Œ	
19 20 21		SPT	r	mud loss 26'		C	
22 23 24 25		SPT					
26 27		SPT					
28 29 30		011					
31 32 33 34		drill cuttings					
35 36 37 38 39 40 41		drill cuttings)	Lt gray sandy limestone and tan-yellow coral fragments; yellow-brown calcite replaced coral, coral structure noted;			
42 43 44 45 46 47 48 49 50 51				Total Depth 40'			



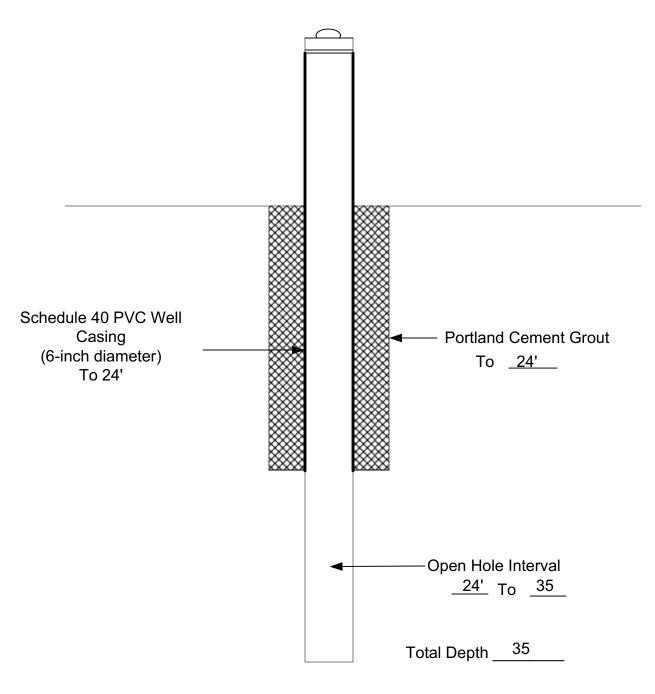
Steel Plate El=4.58' NAVD 88

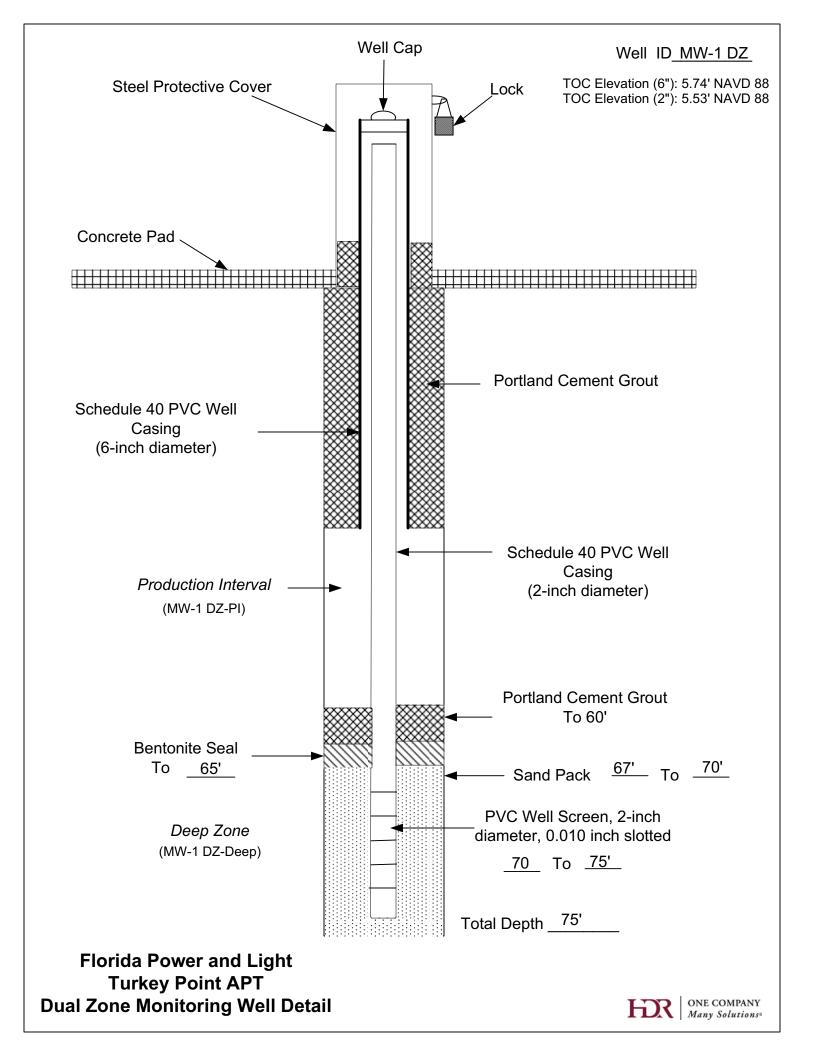


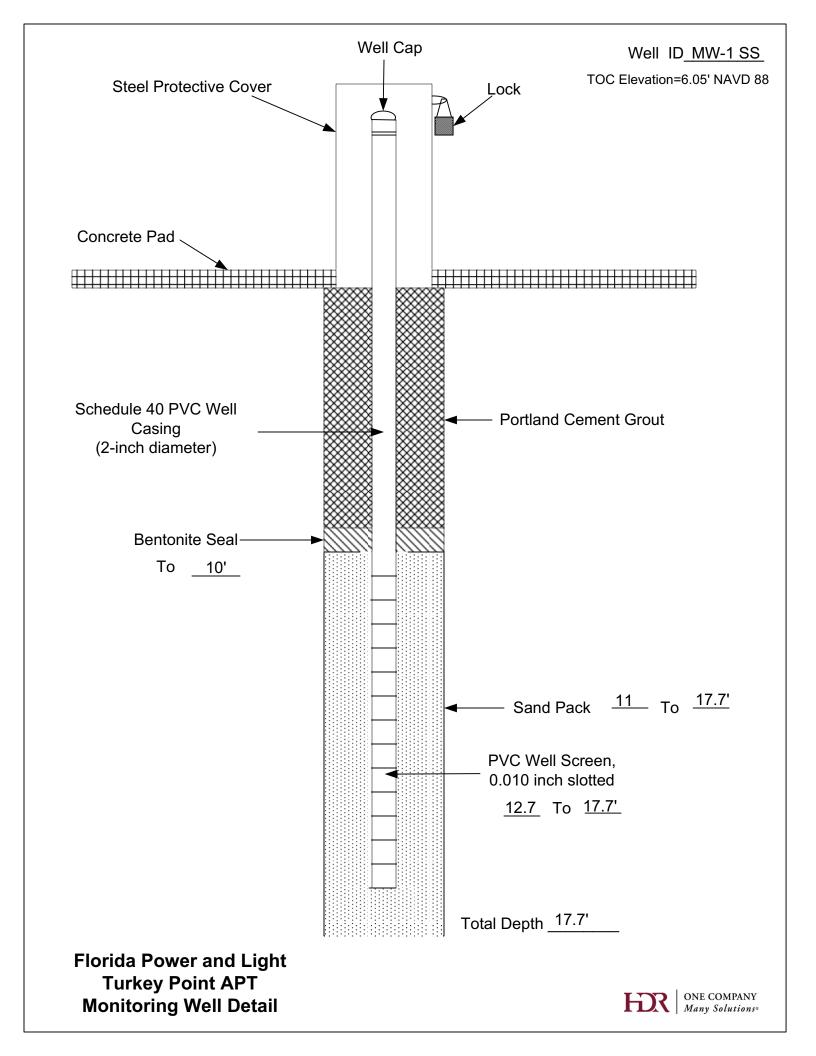
FPL Turkey Point APT
Test Production Well Detail

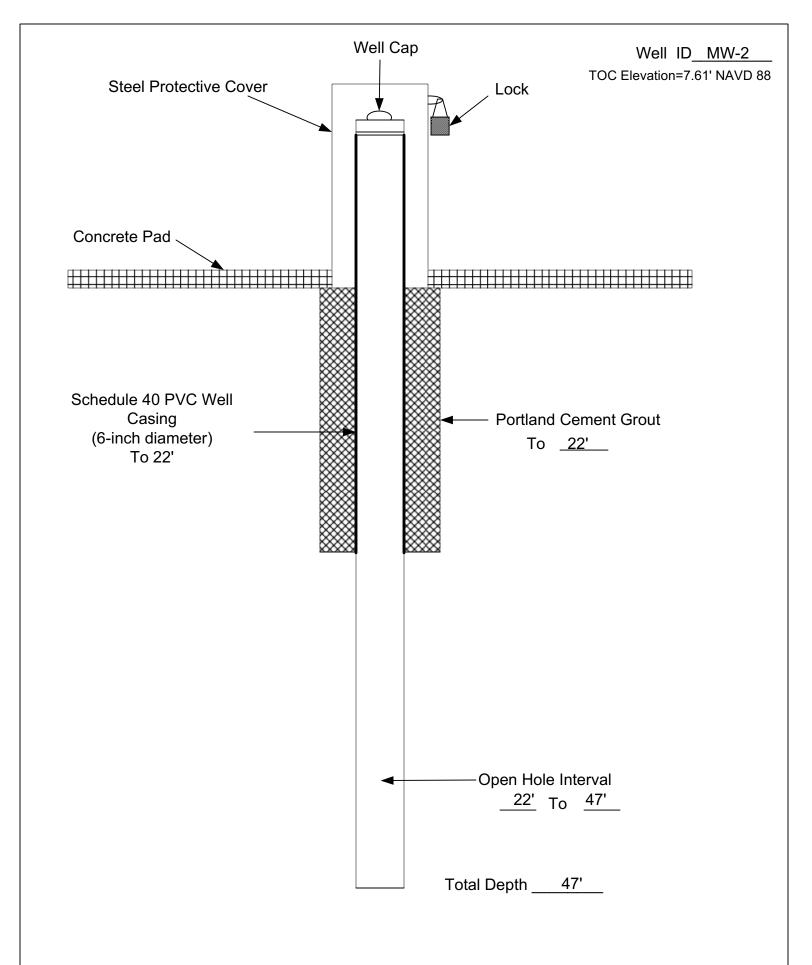












FPL Turkey Point APT Monitoring Well Detail



