

COPY

PILOT HOLE WELL DRILLING LOG

PROJECT: Repair by Replacement Wells 5-9		WELL NO: 9A
LOCATION: Andersen South, Yigo, Guam		DATE: 3/17/2010
COORDINATES: TBD		
Ground Elevation :	TBD	Drilling Rig : Drilltek
Total Depth :	395.0 feet	Drilling Bit : Tricone
Borehole Diameter :	12 inches	Foam : Hydro Foam
		Date Start: 6-Mar-10
		Date Finish: 13-Mar-10

Depth Feet	Penetration Rate Start	Penetration Rate Stop	Time min	Log	Material Description/Remarks	ELEV
0 - 5	10:00	10:09	9		Light brown-white coralline limestone, moderately hard	
5 - 10	10:09	10:15	6		from 0-10 feet	
10 - 15	10:15	10:19	4		Weak from 10-20 feet	
15 - 20	10:28	10:32	4			
20 - 25	10:32	10:38	6		Moderately hard from 20-35 feet	
25 - 30	10:38	10:46	8			
30 - 35	10:46	10:56	10			
35 - 40	10:56	11:01	5		Weak from 25-45 feet	
40 - 45	11:06	11:10	4			
45 - 50	11:10	11:24	14			
50 - 55	11:24	11:43	19		Hard from 45-50 feet	
55 - 60	11:43	12:23	40		Very hard from 50-55 feet	
60 - 65	12:23	12:42	19		Hard from 55-85 feet	
65 - 70	12:50	1:10	20			
70 - 75	1:10	1:33	23			
75 - 80	1:33	1:54	21			
80 - 85	1:54	2:11	17			
85 - 90	2:11	2:39	28		Very hard from 85-90 feet	
90 - 95	2:46	3:07	21		Hard from 90-95 feet	
95 - 100	3:07	3:20	13		Moderately hard from 95-115 feet	
100 - 105	3:20	3:37	17			
105 - 110	3:37	3:46	9			
110 - 115	3:46	4:00	14		Loose drilling fluid circulation from 110-111 feet	
115 - 120	9:46	10:02	16		Resumed drilling, 3/8/10. Moderately hard from 115-120 feet	
120 - 125	10:02	10:10	8		Moderately hard from 120-140 feet	
125 - 130	10:10	10:19	9			
130 - 135	10:19	10:29	10			
135 - 140	10:29	10:40	11			
140 - 145	10:48	11:06	18		Hard from 140-145 feet	
145 - 150	11:06	11:20	14		Moderately hard from 145-155 feet	
150 - 155	11:20	11:33	13			
155 - 160	11:33	11:50	17		Hard from 155-160 feet	
160 - 165	11:50	12:23	33		Air compressor overheating. Let it cooled off for 17 mins.	



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165 - 170	2:08	2:15	7		Moderately hard from 165-220 feet	
170 - 175	2:15	2:22	7			
175 - 180	2:22	2:30	8		Air compressor overheating again. Changed oil and filter	
180 - 185	11:03	11:15	12		Resumed drilling, 3/9/20.	
185 - 190	11:15	11:29	14			
190 - 195	11:36	11:46	10			
195 - 200	11:46	11:52	6			
200 - 205	11:52	12:02	10			
205 - 210	12:02	12:09	7			
210 - 215	12:09	12:21	12			
215 - 220	12:36	12:47	11			
220 - 225	12:27	1:01	34		Very hard from 220-225 feet	
225 - 230	1:01	1:19	18		Hard from 225-230 feet. Drilling fluid slowly regaining.	
230 - 235	1:19	1:30	11		Moderately hard from 230-245 feet	
235 - 240	1:30	1:45	15			
240 - 245	1:49	2:00	11			
245 - 250	2:00	2:20	20		Hard from 245-250 feet	
250 - 255	2:20	2:48	28		Very hard from 250-255 feet	
255 - 260	2:48	3:11	23		Hard from 255-265 feet	
260 - 265	3:16	3:36	20			
265 - 270	3:36	3:49	13		Moderately hard from 265-280 feet	
270 - 275	3:49	3:59	10			
275 - 280	3:59	4:11	12			
280 - 285	4:15	4:20	5		Weak from 280-285 feet	
285 - 290	4:20	4:27	7		Moderately hard from 285-300 feet	
290 - 295	4:27	4:35	8			
295 - 300	4:35	4:48	13			
300 - 305	9:24	9:47	23		Resumed drilling, 3/12/10. Hard from 300-310 feet	
305 - 310	9:47	10:11	24			
310 - 315	10:11	10:21	10		Moderately hard from 310-315 feet	
315 - 320	10:21	10:58	37		Very hard from 315-320 feet	
320 - 325	11:04	11:23	19		Hard from 320-330 feet. Regained drilling fluid circulation.	
325 - 330	11:23	11:45	22			
330 - 335	11:45	11:55	10		Moderately hard from 330-335 feet	

