

PILOT HOLE WELL DRILLING LOG

PROJECT: Earth Tech Exploratory Well and Development

WELL NO: Y-5

LOCATION: Perez Acres, Yigo, Guam

DATE: 10/08/99

COORDINATES: Unknown

Ground Elevation : 420.098'
Total Depth : 470.0 feet
Borehole Diameter : 12 in dia.

Drilling Rig : CP 650
Drilling Bit : Tricone
Foam : Baroid Quik Foam

Date Start: 10/04/99
Date Finish: 10/07/99

Depth Feet	Penetration Rate Start	Penetration Rate Stop	Time min	Log	Material Description/Remarks
0-5	4:00	4:10	10		Red brown to light brown-white coralline limestone, moderately hard
5-10	4:10	4:15	5		
10-15	4:15	4:20	5		
15-20	4:20	4:30	10		
20-25	4:30	4:40	10		
25-30	9:20	9:30	10		Resumed drilling 10/05/99
30-35	9:30	9:40	10		
35-40	9:40	9:49	9		
40-45	9:49	9:57	8		
45-50	10:04	10:09	5		
50-55	10:09	10:18	8		Lost drilling fluid circulation @ 75', no sample recovery
55-60	10:18	10:23	5		
60-65	10:23	10:31	8		
65-70	10:35	10:41	6		
70-75	10:41	10:50	9		
75-80	10:50	11:04	14		
80-85	11:04	11:20	16		
85-90	2:17	2:30	13		
90-95	2:30	2:42	12		
95-100	2:42	2:55	13		
100-105	2:55	3:30	35		Resumed Drilling, 10/06/99
105-110	8:40	8:51	11		
110-115	8:51	8:57	6		
115-120	8:57	9:05	8		
120-125	9:05	9:10	5		
125-130	9:10	9:21	11		
130-135	9:21	9:30	9		
135-140	9:30	9:35	5		
140-145	9:35	9:38	3		
145-150	9:43	9:46	3		
150-155	9:46	9:50	4		
155-160	9:50	9:55	5		
160-165	9:55	10:00	5		

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	Start	Stop			
165-170	10:05	10:11	6		
170-175	10:11	10:15	4		
175-180	10:15	10:28	13		
180-185	10:28	10:33	5		
185-190	10:41	10:45	4		
190-195	10:45	10:49	4		
195-200	10:49	10:54	5		
200-205	10:54	10:58	4		
205-210	11:05	11:10	5		
210-215	11:10	11:15	5		
215-220	11:15	11:21	6		
220-225	11:21	11:25	4		
225-230	11:34	11:38	4		
230-235	11:38	11:43	5		
235-240	11:43	11:50	7		
240-245	11:50	12:04	14		
245-250	1:37	1:42	7		
250-255	1:42	1:59	17		
255-260	1:59	2:05	6		
260-265	2:05	2:09	4		
265-270	2:20	2:30	10		
270-275	2:30	2:35	5		
275-280	2:35	2:40	5		
280-285	2:40	2:45	5		
285-290	2:54	2:57	3		
290-295	2:57	3:03	6		
295-300	3:03	3:10	7		
300-305	3:10	3:15	5		
305-310	9:42	9:49	7		
310-315	9:49	9:51	2		
315-320	9:51	9:57	6		
320-325	9:57	10:03	6		
325-330	10:15	10:20	5		
330-335	10:20	10:25	5		
335-340	10:25	10:31	6		
340-345	10:31	10:37	6		
345-350	10:47	10:52	5		
350-355	10:52	10:58	6		
355-360	10:58	11:05	7		

Resumed drilling, 10/07/99

WELL DRILLING LOG CONTINUED

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[illegible]