

4/5/10 TPGW-13 SURFACE CASING

14" TALLY

BIT = 3'10"

DP = 10' 13'10"

FLOOR = -7' 6'10"

DP 5' 11'10"

15:37 DRILLING W/ 14" BIT.

- LOOKS LIKE BIT IS KICKING OVER
RETURNS ARE BROWN & MUDDY

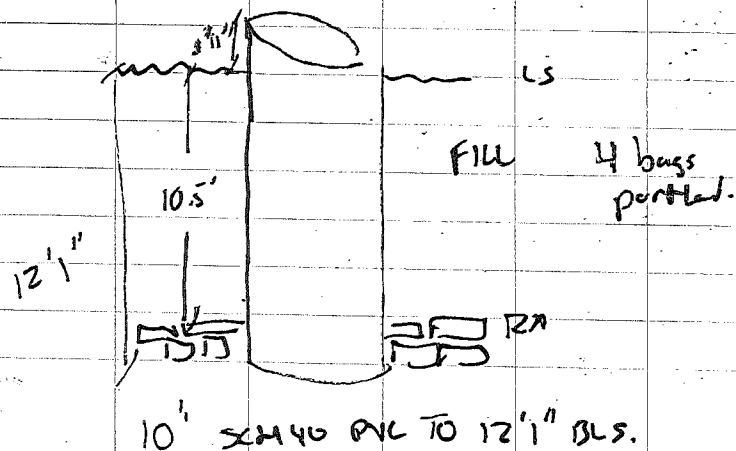
15:47 Down to 11' BLS - HARDEN 10' BLS

16:33 - 10" PVC SURFACE CASING 11' BLS
2' OF STICK UP.

16:48 - Casing pulled down to 12'1" BLS.

- AM-D. needs to get grant

17:05 - on land - heading out.

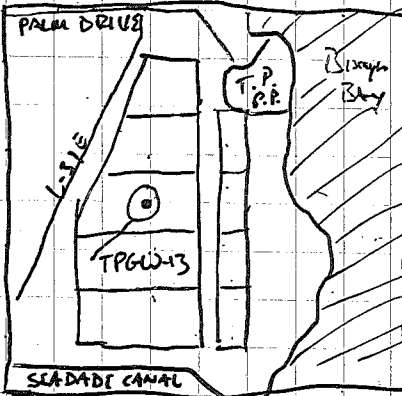


08:15 @ SITE.

4/6/10 TPGW-13 CORING

CORE
BAREN

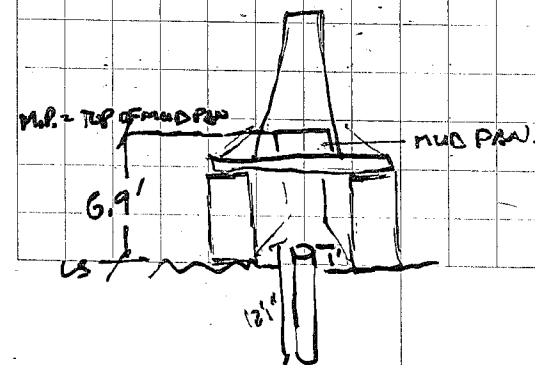
LOCATION MAP TPGW-13



LAT = 25° 23.649' N

LONG = 080° 21.115' W

WPT # 073



4/6/10 TPGW-13, CORWZ.

9:00 AM-D. servicing rig. - setting up for coring.

133' + 10' = 235' - 7' TO MP = 16.5'

RUN #1 IS 12' TO 16' (4' RUN)

9:20- CTS IN HOLE - SITTAGE 11' BLS.

- MIXING TIGER SALT

9:35- STOP CORING - 14' 8" BLS

- RIG IS NOT CUTTING CORRECTLY

- ROTATION IS STOP/START

W/ HEAVY CHATTER

- AS PER BUBBA CANARY

PUT ~ 250psi Dam pressure bit
ROTATION STOPS.

- Bubba says there is not enough power
in rig to core properly....

- Bubba called AM-D. office...

9:54- Finish run #1

10:27- AM-D IS HAVING TROUBLE W/ CB. locking in

10:31 - RE DRILLING 14'-16' - STOP

- RIG PUMP

305.544.0587

9:31 START RUN #1		
DEPTH	MIN : SEC	NOTES
12-13	01:18	
13-14	01:47	16 " OF 48"
14-15	00:48	33 % RECOVERY
15-16	03:48	

09:59 END CR #1

WC = 8 "

RUB = 8 "

17.5'	00:4
13.5'	00:5
14.5'	00:26
15.5'	01:33

CRIST- TO CR #1 @ 16' 3" BLS.

10:41:26 START RUN #2

DEPTH	MIN : SEC	NOTES
16-17	00:54	53 " OF 60"
17-18	00:50	
18-19	00:57	88 % RECOVERY
19-20	01:49	
20-21	02:54	WC = 44 "
10:50 END CR #2		RUB = 9 "
16.5'	00:24	
17.5'	00:18	219' 9" - Pen slowed.
18.5'	00:28	
19.5'	00:23	TO CR #2 @ 21' 4" BLS
20.5'	01:01	

4/6/10 TPAW-13 CORING

11:00 AM-D. using rig pump to fill water tank... - lunch

12:46 START RUN # 3

DEPTH	MIN	SEC	NOTES
21-22	01	20	
22-23	00	39	55' of 60"
23-24	00	42	92 % RECOVERY
24-25	01	09	
25-26	01	57	WC = 51'
12:52	END CR # 3		RUB = 4"

21.5'	00	30
22.5'	00	26
23.5'	00	17
24.5'	00	24
25.5'	01	00

12:20 AM-Drill has borrowed a trash pump from B.V.
 it is sending me hard to purchase another
 from Grainger.

~21' 10" inc rotation speed

~24' 8" - heavier rig shakes - lunch

~25' 4" - DEEP to ~26' 2" - then a little slower.

12:52 TD CR # 3 @ ~26' 5" BLS.

13:16 RUN # 4

DEPTH	MIN	SEC	NOTES
26-27	01	05	50' of 60"
27-28	01	31	83 % RECOVERY
28-29	00	27	
29-30	01	04	W.C. = 47'
30-31	00	48	RUB = 3"

13:21 END CR # 4

26.5'	00	14
27.5'	00	52
28.5'		
29.5'	00	35
30.5'		18

~26' 10" - inc. rotation speed.

~29' 4" - FURROW

30' 5" - DEEP

13:21 TD CR # 4 @ ~31' 5" BLS

4/6/10 TPGW-13 CORING

13:45 START RUN #5

DEPTH	MIN : SEC	NOTES
31-32	00 : 35	<u>27</u> " OF 60"
32-33	00 : 21	<u>45</u> % RECOVERY
33-34	01 : 00	
34-35	01 : 01	W.C. = <u>10</u> "
35-36	01 : 37	RUB = <u>17</u> "

13:50 END CR #6

31.5'	00 : 19
32.5'	00 : 09
33.5'	00 : 31
34.5'	00 : 37
35.5'	00 : 24

33' 4" FIRMED

01:05 TO 36'

13:50 TO CR #5 @ 36' 4" BLS.

- LOST CIRCULATION

- AM.D. OUT OF WATER. - Filling tanks.

- NOTE: Black grease from B.V. source in cuttings - prew most cut.

15:35 - READY TO START DRILLING.

- AM.D. has plug in side C.S.

15:49 - Plan to knock it out - NOTE: CR IS TAGGED 32' BLS.

15:55 REMOVING 5' OF DRILL STRING

16:20 - BREAKING LAND, AM.D. plans to

17:40 - Drilling out core string & remove obstruction

4/7/10

- 07:30 CLUB, 08:30 P TPGW-13

9:51 START RUN #6

DEPTH	MIN : SEC	NOTES
36-37	00 : 20	<u>17</u> " OF 60"
37-38	00 : 49	<u>28</u> % RECOVERY
38-39	00 : 40	
39-40	01 : 08	W.C. = <u>9</u> "
40-41	01 : 33	RUB = <u>8</u> "

9:55 END CR #6

36.5'	—	37' 9" - 1 1/4" Firm
37.5'	00 : 23	39' 8" - FIRMER PEN
38.5'	00 : 15	SLOWED
39.5'	00 : 13	9:55 - TOE ~ 41' 4" BLS.
40.5'	00 : 31	

9:18 - AM.D. HAS TRIPPED, NOT JARHOLE

• CB 13.5' + 10' + 10' - 7' = 26'

• 3.5' STICK UP

• FILL @ 22.5' BLS.

9:22 - MIXING TIGHT SALT. - IN DOWN AND 5'

9:27 - Down to 31' BLS - SURFACE CASING IS shaking again, but stable.

9:33 - Down to 36' BLS. - Core barrel 99% full of grey sand.

9:45 - D.C.B. would not lock in - SAND IN CB. - WIP OUT.

* 41' @ 00:56 ET

4/7/10 TPGW-13 CORING

- TROUBLE LOCKING IN C.B.

10:16	START RUN # 7		
DEPTH	MIN	SEC	NOTES
41-42	00	36	15 " OF 60"
42-43	00	29	25 % RECOVERY
43-44	01	53	
44-45	02	54	W.C. = 3 "
45-46	02	56	RUB = 12 "
10:25	END C.B. # 7		NOTE:
41.5'	00	20	• BLACK GRACK on
42.5'	00	14	CORZ
43.5'	00	41	• A little fine grey sand in hole
44.5'	01	40	& BOTTOM PIECE WC
45.5'	00	33	

~ 43' 5" little slaver

~ 43' 11" - slower pen

~ 45' BLS - pen rate picked up.

~ 45' 11" - slaver

46' @ 01:44 ET

10:25 TD CR # 7 @ ~ 46' 3" BLS

- water press. inc in C.B. - (water shooting out & connect - e l.s. - Bubba - said it may have plugged off e BT?)

10:39 - RUN BACK DOWN TO 46' 3"

15:49

10:42	START RUN # 8		
DEPTH	MIN	SEC	NOTES
46-47	01	33	• 52 " OF 60"
47-48	02	00	• 87 % RECOVERY
48-49	01	25	
49-50	00	40	• W.C. = 49 "
50-51	00	32	• RUB = 3 "
10:49	END C.B. # 8		
46.5'	00	26	
47.5'	01	05	
48.5'	00	56	
49.5'	00	17	
50.5'	00	16	

- 51' @ CORZ ET.

10:49 - TD CR # 8 @ ~ 51' 3" BLS

4/7/10 TPGW-13, CORING

DEPTH	MIN	SEC	NOTES
11:15	START RUN # 9		
51-52	00	44	
52-53	00	27	40 "of 60"
53-54	00	29	67 %RECOVERY
54-55	00	22	
55-56	00	33	W.C. = 22 "
11:18	END CR #9		
51.5'	00	15	Reb = 18 "
52.5'	00	14	
53.5'	00	08	• LAST 3' of core is SOFT LIME mud. (white)
54.5'	00	06	
55.5'	00	09	• more gravel in core.

- 53'7": slurry (~1")
- 54'8" ~ 1-2" firmer
- 56'0" @ 21 ET

11:18 TD CR #9 @ ~ 56'4" BLS.

DEPTH	MIN	SEC	NOTES
12:01	START RUN # 10		
56-57	00	52	
57-58	00	27	40 "of 60"
58-59	00	16	67 %RECOVERY
59-60	00	51	
60-61	00	17	W.C. = 38 "
12:04	END CR #10		
56.5'	00	19	Reb = 2 "
57.5'	00	15	
58.5'	00	04	
59.5'	00	22	
60.5'	00	06	

- ~ 57'4" - DROP
- 59'11" - FIRM
- ~ 60'1" - DROP
- 61'00:09 ET

12:04 TD CR #10 @ ~ 61'4" BLS

4/7/10 TPGW-13 CORING

12:16 START RUN # 11		
DEPTH	MIN : SEC	NOTES
61-62	00 : 20	
62-63	00 : 22	44 "of 60"
63-64	01 : 34	73 % recovery
64-65	01 : 07	
65-66	00 : 55	
12:21	END CR # 11	
61.5'	00 : 14	C = 21" RUB = 23"
62.5'	00 : 08	
63.5'	00 : 48	
64.5'	00 : 44	
65.5'	00 : 30	

63'4" FIRMEST

* 66:00:44 ET

12:21 - TD CR # 11 @ ~66'4" BLS.

12:35 START RUN # 12		
DEPTH	MIN : SEC	NOTES
66-67	00 : 22	9 "of 60"
67-68	00 : 32	15 % recovery
68-69	00 : 35	
69-70	00 : 35	W.C. = 5"
70-71	01 : 51	RUB = 4"
12:39	END CR # 12	
66.5'	-	
67.5'	00 : 16	
68.5'	00 : 12	
69.5'	00 : 6	
70.5'	00 : 27	

- 68'9" - FIRMEST

- 69'3" - SOFT

- 69'5" - little firm ~ 70'8" slow

71' BLS @ 01:17 ET

TD CR # 12 @ ~71'4" BLS

NOTE: DRILLER FELT SOME OF LAST

CORR @ BASE OF C.B.

- RE DRILLING ~3' OF MATERIAL

4/7/10 TPGW-13 CORING

~~13:06~~ 13:00 START RUN # 13

DEPTH	MIN : SEC	NOTES
71-72	00 : 05	<u>64</u> "OF 60"
72-73	01 : 17	<u>107</u> % RECOVERY
73-74	01 : 11	
74-75	00 : 54	W.C. = <u>44</u> "
75-76	02 : 03	RUB = <u>20</u> "
13:06 END CR # 13		
71.5'	—	
72.5'	00 : 39	
73.5'	00 : 37	
74.5'	00 : 39	
75.5'	00 : 47	

- 76' e 01:30 ET
13:06 TD CR # 13 e ~76' 4" BLS.

13:26 START RUN # 14

DEPTH	MIN : SEC	NOTES
76-77	01 : 17	<u>60</u> "OF 60"
77-78	00 : 56	<u>100</u> % RECOVERY
78-79	00 : 44	
79-80	01 : 11	W.C. = <u>60</u> "
80-81	01 : 42	RUB = <u>3</u> "
13:26 END CR # 14		
76.5	00 : 28	
77.5	00 : 38	
78.5	00 : 21	
79.5	00 : 32	
80.5	00 : 41	

- 81' BLS e 01:29 ET

13:26 TD CR # 14 e ~81' 4" BLS

13:30 - Driller pausing Drilling to let engine cool down

4/7/10 TPGW-13 CORING

13:46 START CR #15

DEPTH	MIN : SEC	
81-82	00:33	43 "w 60'
82-83	01:13	72 % RECOVERY
83-84	01:49	
84-85	00:56	W.C. = 10'
85-86	02:51	RUB = 33"

13:53 END CR #15

81.5'	00:14	- some lime mud in rubble.
82.5'	00:45	
83.5'	00:13	
84.5'	00:20	
85.5'	00:48	

- 83' 2" - DROP
- 83' 10" - SLOW
- 86' @ 02:02 ET

13:53 TO CR #15 @ 86' 3" BLS

- AM.D - BREAKING APART
10' SECTIONS OF D.P.

14:46 START CR #16

DEPTH	MIN : SEC	
86-87	00:17	22' OF 60'
87-88	00:05	37 % RECOVERY
88-89	00:06	
89-90	00:26	W.C. = 11"
90-91	01:44	RUB = 11"

14:49 END CR #16

86.5'	00:10	VOID - FLOW ZONE
87.5'	00:03	
88.5'	—	
89.5'	00:04	
90.5'	00:44	

~ 89' 10" - FIRMER
91' bbs @ 01:19 ET
14:42 TO CR #16 @ ~ 91' 4" BLS

4/7/10 TPGW-13 CORING

15:06 START RUN # 17		
DEPTH	MIN:SEC	NOTES
91-92	00:46	<u>35</u> "of 60"
92-93	00:50	<u>58</u> % RECOVERY
93-94	01:02	
94-95	03:11	W.C. = <u>24</u> "
95-96	05:34	RUB = <u>11</u> "
15:18 END CR # 17		
91.5'	00:19	
92.5'	00:22	
93.5'	00:29	
94.5'	00:53	
95.5'	02:12	

- 94'4". FIRMER - Pen slowed
- cnglw bogging down

15:18 96' @ 04:43 ET.
TD CR # 17 @ ~ 96' 3" BLS

Bulbha dropped some of core replaced in order,

but lost ~ 5% to 10% on ground.

- 1 piece of W.C. not marked.

NOTE: - Black gum is tiger mud.

15:37 START RUN # 18		
DEPTH	MIN:SEC	NOTES
96-97	00:10	<u>52</u> "of 60"
97-98	01:14	<u>87</u> % RECOVERY
98-99	01:11	
99-100	00:59	W.C. = <u>46</u> "
100-101	01:01	RUB = <u>6</u> "
15:42 END CR # 18		
96.5'	---	
97.5'	00:34	
98.5'	00:31	
99.5'	00:27	
100.5'	00:26	

~ 6" drop @ 100' - 1"

- 101' @ 00:36 ET

15:42 - TD CR # 18 @ ~ 101' 3" BLS.

4/7/10 TPGW-13 CORING

DEPTH	MIN : SEC	NOTES
101-102	01 : 05	10 "OF 60"
102-103	00 : 24	6 % RECOVERY
103-104	00 : 29	
104-105	00 : 46	WE = <u>8"</u>
105-106	00 : 57	RUB = <u>2"</u>
16:00	START TOWN# 19	
16:04	END CR# 19	
101.5'	00 : 27	
102.5'	00 : 13	
103.5'	00 : 15	
104.5'	00 : 19	
105.5'	00 : 15	

- 105' 10" Stone

- 106' BLS @ 00:48 ET

- 106' 1" DEEP

16:04 TD CR #19 @ 106' 3" BLS

• AM.D out of TIGER SACT

16:13 • GOING TO LUB TO GET MORE T.S.

4/8/10 TPGW-13 CORING

07:35 - E.L.U.B. - DRAW OUT SURFACE CASING INSTRUCTION METHOD FOR STACY.

08:10 - E BOAT PUMP - AM.D. on phone, performing maintenance on AIR BOAT.

~8:45 - E TPGW-13 - AM.D. FIXING AIR BOAT. - LEAKING BLOT NO PINGS

DEPTH	MIN : SEC	NOTES
106-107	01 : 13	18 "OF 60"
107-108	00 : 38	27 % RECOVERY
108-109	00 : 16	
109-110	00 : 13	WE = <u>0"</u>
110-111	00 : 22	RUB = <u>18"</u>
10:00	END CR# 20	
106.5'	00 : 36	RUBBLE 1" - 2" S&S
107.5'	00 : 12	SAND IN CORES.
108.5'	00 : 06	
109.5'	00 : 06	
110.5'	00 : 09	

09:20 → Bubba going back to land, - hands mixing mud.

09:42 Bubba's back

09:58 ADD DP

111' b/s @ 01:19 CT

10:00h TD CR #20 @ 111' 3" BLS

10:11 MIXING TIGER SACT.

4/8/10 TPGW-13 CORING

10:15 START CR # 21		
DEPTH	MIN : SEC	NOTES
111-112	00 : 38	36 " OF 60"
112-113	00 : 22	60 % RECOVERY
113-114	00 : 26	
114-115	00 : 25	
115-116	00 : 13	WC = 0 "
10:17 END CR # 21		RUB = 1 "
111.5'	00 : 11	SAND = 35 "
112.5'		
113.5'	00 : 07	
114.5'	00 : 14	
115.5'	00 : 05	

RIG 3666 Down

- DROP ~ 114.7" BLS TO BOTTOM

- 116' 00:09 ET

10:17. TD CR # 21 @ ~ 116' 3" BLS

- 1st RUN SAND RECOVERY.

- DRILLER TURNED OFF PUMP

TO GET RETURNS

NOTE: CAN NOT REGULATE FLOW.

* USING Down hole pump again

10:32 START CR # 22		
DEPTH	MIN : SEC	NOTES
116-117	00 : 25	50 " OF 60"
117-118	00 : 10	83 % RECOVERY
118-119	00 : 14	
119-120	00 : 18	W.C. = 0 "
120-121	00 : 22	RUB = 1 "
10:34 END CR # 22		SAND = 49 "
116.5'	00 : 02	
117.5'		
118.5'	00 : 04	
119.5'	00 : 09	
120.5'	00 : 05	

- 121' 00:17 ET

10:34-TD CR # 22 @ ~ 121' 3" BLS.

- GOT SAND RETURNS w/ PUMP ON.

4/8/10 TPGW-13 CORWJG

10:54 START RUN # 23		
DEPTH	MIN : SEC	NOTES
121-122	00 : 30	31 "OF 60"
122-123	00 : 25	52 % RECOVERY
123-124	00 : 24	
124-125	00 : 21	
125-126	00 : 37	
10:57 END C.R. # 23		
121.5'	00 : 17	
122.5'	00 : 10	
123.5'	00 : 10	
124.5'	00 : 11	
125.5'	00 : 15	

126' @ 00:29 ET
 10:57 TD CR # 23 @ ~ 126' 3" BLS

11:11 START RUN # 24		
DEPTH	MIN : SEC	NOTES
126-127	00 : 26	
127-128	00 : 19	35 "OF 60"
128-129	00 : 16	58 % RECOVERY
129-130	00 : 16	
130-131	00 : 31	
11:13 END CR # 24		
126.5'	00 : 18	
127.5'	00 : 10	
128.5'	00 : 06	
129.5'	00 : 09	
130.5'	00 : 07	

131' @ 00:23 ET
 11:13 TD CR # 24 @ ~ 131' 3" BLS

• TD BOREHOLE @ 131'