

Location TP6W-15D Date 7/23/15
 Project / Client _____

MIKE KYLE

18:23 START CR#2

DEPTH	MIN	SEC	Notes
11-11.5	03	34	57' 860" 95% Rec. WC = 39" RUB = 18"
11.5-12	01	58	
12-12.5	02	30	pause to get H ₂ O 18.55 from CIRCULATION STOP BUT VERY WEAK FASTER PEN. RATE
12.5-13	12	38	
13-13.5	02	32	FIRMER CIRCULATION LOST FOR 1 min. THEN BACK BUT VERY WEAK
13.5-14	01	54	
14-14.5	01	26	
14.5-15	03	45	
15-15.5	06	32	
15.5-16	06	59	
19:30	END CR#2		

19:45 - OFF SITE.

Location TP6W-15D Logging Date 7/24/15 11
 Project / Client FDR/TP.

07:15 @ SITE

- SET up & make core boxes.
- talk to Andy (D+E), he will bring safety sheet to site

7:52 - NUS @ SITE (Ty + Hector)

8:45 BACK w/ H₂O (2550 gal tank)

9:00 Safety Meeting
 Jon F.
 Ty
 Hector

9:24 mixing tiger mud.

9:27 Drill CR#2 back down

9:31 - ADD CR#3

Location TPGW-1SD Date 7/24/15Project / Client CORING

9:35 START CR#3 (16'-21')

Depth	Min	Sec	Notes
16-16.5	03	15	circulation is back
16.5-17	02	00	
17-17.5	01	50	
17.5-18	02	46	
18-18.5	05	32	CIRCULATION IS WEAKER HARD
18.5-19	05	33	
19-19.5	03	11	
19.5-20	03	07	
20-20.5	04	15	
20.5-21	03	39	

62' F60'
103 % Re.
WC = 62'
Rub = "

10:10 END CR#3

Location TPGW-1SD Date 7/24/15Project / Client CORING

10:31 START CR#4 (21'-26')

Depth	Min	Sec	Notes
21-21.5	03	15	weak circulation
21.5-22	01	18	
22-22.5	02	26	sound change a
22.5-23	02	21	22.25' 6.5'
23-23.5	02	42	STILL HAVE weak
23.5-24	01	50	circulation
24-24.5	01	33	*LOST CIRCULATION
24.5-25	01	39	*CIRCULATION IS BACK
25-25.5	01	46	
25.5-26	01	37	

60' F60'
100 % Re.
WC = 56'
Rub = 4'

10:52 END CR#4

11:18 mix tiger mud

Location TPGW-15D Date 7/24/15
 Project / Client CORING

DEPTH	START	CR#5 (26'-31')	NOTES
26-26.5	01 : 08		*no circulation <u>65" of 60"</u>
26.5-27	03 : 23		<u>108 % rec.</u>
27-27.5	03 : 23		<u>WC - 60</u>
27.5-28	03 : 15		<u>RUB - 5"</u>
28-28.5	02 : 21		
28.5-29	02 : 25		
29-29.5	04 : 01		Inc. rotation speed. 29.25' - HARDER
29.5-30	02 : 25		
30-30.5	03 : 05		
30.5-31	04 : 12		

11:51 END CR#5

12:00 Lunch

12:30 Resume Work

 Location TPGW-15D Date 7/24/15
 Project / Client CORING

DEPTH	MIN: SEC	Notes
31-31.5	04 : 27	<u>63" of 60"</u>
31.5-32	06 : 25	<u>105 % rec.</u>
32-32.5	04 : 43	<u>WC - 59</u>
32.5-33	04 : 54	<u>RUB = 4</u>
33-33.5	03 : 01	• 33.25' sound change • CB IS LOOSELY
33.5-34	09 : 50	• VERY HARD • TRY TO PICK UP & DOWN
34-34.5	-	• 1318 - PAUSE DRILLING remove CR#6 casing
34.5-35	05 : 00	
35-35.5	03 : 10	• 31'-33.75' → 1 st recovery
35.5-36	03 : 15	

• 1 st recovery (31'-33.75')	25" WC ~4" Rub.
• 2 nd recovery	29" of 33" 34" WC 63" of 60"

Location TPGW-15 Coring Date 7/24/15
 Project / Client FPL/TP MW's

• MIX TIGER MUD.

Depth	min. : sec	notes
36-36.5	04 : 14	making noise
36.5-37	07 : 30	
37-37.5	06 : 23	
37.5-38	05 : 28	14:54 pause to get H ₂ O
38-38.5	04 : 36	
38.5-39	04 : 37	
39-39.5	04 : 02	
39.5-40	07 : 58	core barrel wobbling
40-40.5	05 : 39	16:34
40.5-41	03 : 32	STOP
END - 8:23 (7/25/15)		e 40.5' ea. pressure inside CB.

16:05 BACK w/ H₂O
 Mixing Tiger Mud
 16:10 Resume Coring

• 16:50 NUS
 HAS TO TRIP
 OUT, THE
 INNER CB
 will not lock
 onto the wire
 line.

~150 gal H₂O / 12 min
 • CB is still full of H₂O
 17:26 CB OUT OF HOLE

Location TPGW-15D Coring Date 7/25/15
 Project / Client TP MW's/FPL

07:30 JFE SITE
 07:40 NUS @ SITE. SETTING UP (Tr, Heavy, Hocter)
 07:50 SAFETY MEETING
 07:58 TAG COREHOLE 40.5' BLS.
 TRIPPING BACK IN

Depth	min : sec	Notes
41-41.5	05 : 40	
41.5-42	04 : 18	Ty has ~500 psi pressure. Rx. is hard.
42-42.5	01 : 14	
42.5-43	00 : 44	41.75' - Faster pen. rate
43-43.5	00 : 25	
43.5-44	00 : 18	
44-44.5	00 : 28	
44.5-45	00 : 40	-44.75' LITTLE FIRMER
45-45.5	02 : 13	-45.25' - Pen. slowed. Hard.
45.5-46	03 : 37	
09:01 END CR # 8		

→ Run #1 36 56" of 54" 56" of WC

8:19 - START ROTATING

8:20 e 40.5' BLS. - resume stop watch

michael gallage (DIZ) checks in e site

8:20 - Lazzaro e site, driven by TPGW-15
 2nd run 0 recovery

Location TPGW-15D Date 7/25/15
 Project / Client T.P. MW'S / FPL

Mix tiger mud

09:26 START C.R. #9 (46'-51' BLS)				65' 860"
DEPTH	MIN	SEC	Notes	108% Rec.
46-46.5	02	36		WC = 10 10
46.5-47	02	55		RUB = 5 5
47-47.5	02	17		
47.5-48	01	54		
48-48.5	01	37		
48.5-49	01	30		
49-49.5	01	15		
49.5-50	01	34		
50-50.5	01	50		
50.5-51	02	15		
10:08 END C.R. #9				

9:30 @ 46.6' BLS. STOP CORING. PRESSURE BUILD
UP IN THE CORE BARREL (ET. 01:06)

9:33 START TO RETRIEVE INNER C.B.

Run 1: 16" RECOVERED (10" WC, 4" RUB.)

ISSUE IS INNER C.B. CATCHER UNTHREADED.

⊕ plugged the bit.

9:51. Resume coring

Run #2 51" WC

Project / Client _____

10:23 START CR #10 (51'-56')				24' 860"
Depth	Min. : Sec.	Notes		40% Rec.
51-51.5	—			WC = 13"
51.5-52	01:32			RUB = 5"
52-52.5	00:35			SAND = 6"
52.5-53	00:25			
53-53.5	00:18	Drop ↓		
53.5-54	00:07			
54-54.5	00:06			
54.5-55	01:49	54.75-HARD!		
55-55.5	04:10			
55.5-56	03:33			
10:37 END CR #10				

10:59 START CR#11 (56-61' BLS)			42 "of 60"
DEPTH	MIN	SEC	NOTES
56-56.5	01	19	70 % Re.
56.5-57	01	50	WC = 24
57-57.5	01	22	RUB = 16
57.5-58	00	55	SAND = 2"
58-58.5	02	17	58.25' FIRMER
58.5-59	00	47	58.75' SOFTER
59-59.5	01	41	59' LITTLE FIRMER
59.5-60	03	06	
60-60.5	06	11	
60.5-61	05	20	
11:24 END CR#11			

11:35- NUS- goes to fill up H₂O truck
 12:49 H₂O truck is back

MIX UP TIGER MUD

13:09 START CR #12 (61-66' BLS)			60 "860"
DEPTH	MIN	SEC	NOTES
61-61.5	02	14	100 % Re.
61.5-62	03	25	WC = 53"
62-62.5	04	05	RUB = 7"
62.5-63	01	35	-inc. rotation speed
63-63.5	01	05	
63.5-64	01	32	63.75- FIRMER (BRIEF)
64-64.5	01	08	
64.5-65	00	57	
65-65.5	00	59	
65.5-66	00	53	
13:27 END CR#12			

Location TPGW-15

Date 7/25/15

Project / Client

13:55	START CR #13 (6-71)		NOTES	50 "860"
DEPTH	min	Sec		83 % Re.
66-66.5	01	:48	FASTER PEN. ~0.25' DROP	WC = 42'
66.5-67	05	:39		RUB = 8'
67-67.5	01	:19		
67.5-68	01	:09		
68-68.5	00	:28		
68.5-69	00	:18		
69-69.5	00	:20		
69.5-70	01	:02		
70-70.5	01	:32	70.25 - HARDER / SLOWER	
70.5-71	00	:28	DROP	
14:09	END CR #13			

Location TPGW-15

Date 7/25/15 23

Project / Client

14:39	START CR #14 (71-76)		NOTES	60 "860"
Depth	min	Sec.		100 % Rec
71-71.5	00	:22	71.25 - Firmer	WC = 21
71.5-72	00	:26		RUB = 39
72-72.5	00	:23		
72.5-73	00	:20		
73-73.5	00	:36		
73.5-74	00	:36		
74-74.5	01	:18		
74.5-75	01	:18		
75-75.5	01	:19		
75.5-76	01	:30		
14:47	END CR #14			

* SANDY RUBBLE

15:00 RAIN DELAY

15:35	START CR#15 (76'-81' BLS)	61 "860"
Depth	Min : Sec	NOTES
76-76.5	00 : 54	WC = 22'
76.5-77	00 : 36	RUB = 4"
77-77.5	01 : 18	SAND 4"
77.5-78	01 : 22	
78-78.5	01 : 08	
78.5-79	01 : 06	
79-79.5	00 : 56	
79.5-80	00 : 30	SOFTER e ~ 79.6' BLS
80-80.5	00 : 35	
80.5-81	01 : 17	FIRMER e ~ 80.25'
15:45	END CR#15	

16:19	START CR#16	Notes (81-86' BLS)	60 "860"
DEPTH	Min : Sec	NOTES	100 % REC
81-81.5	01 : 33		WC = 56'
81.5-82	02 : 50		RUB = 4"
82-82.5	+		
82.5-83	00 : 51		
83-83.5	00 : 38		
83.5-84	01 : 11	83.75' PEN. SLOWED	
84-84.5	01 : 14	DROP 84.25'-84.75' then	
84.5-85	01 : 30	slow pen. rate again	
85-85.5	02 : 03		
85.5-86	02 : 20		
16:26	END CR#16		

- STORM coming

- LOTS OF LIME mud on cones
- Flow tube last 1'-2'

17:13 START CR# 17 (86-91' BLS)		60 "860"
DEPTH	min : sec	notes
86-86.5	01 : 44	100 % Ra
86.5-87	01 : 08	WC 57
87-87.5	00 : 50	RUB 3
87.5-88	—	SHD 0
88-88.5	01 : 22	
88.5-89	00 : 53	
89-89.5	00 : 55	
89.5-90	00 : 55	
90-90.5	01 : 00	
90.5-91	01 : 01	
17:23	END CR# 17	

MIX tiger mud.

18:03 START CR# 18 (91-96' BLS)		57
DEPTH	min : sec	notes
91-91.5	00 : 26	860 "860"
91.5-92	01 : 13	95 % Ra
92-92.5	00 : 26	WC 52 "
92.5-93	00 : 55	Rub: 5 "
93-93.5	00 : 38	Sand: "
93.5-94	00 : 33	wobble - fast pen. rate.
94-94.5	00 : 26	
94.5-95	00 : 28	
95-95.5	00 : 25	
95.5-96	00 : 22	
18:09	END CR# 18	

18:35 - ant

Location TPGW-1SD CoringDate 7/26/15Project / Client TPMWS/FPL

07:20 @ TPGW-1SD SITE 07:40 - HANDS ON SITE
 08:20 H₂O TRUCK'S BACK
 09:40 ADDING 5" CASING

09:48 START CR# 19 (96-101' BLS)			45" 860'
Depth	Min	Sec	notes
96-96.5	00	28	75% Rec
96.5-97	00	14	WC = 25
97-97.5	00	16	RUB. = 6
97.5-98	00	18	Sand = 14
98-98.5	00	29	
98.5-99	00	31	
99-99.5	00	14	
99.5-100	00	09	
100-100.5	00	15	
100.5-101	00	26	
9:52	END CR# 19		

LAST 1.5 SAND

Mixing mud

10:15 - RAIN! heavy + gusting whd.
 no lightning

10:35 - BACK OUT

Location TPGW-1SD CoringDate 7/26/15Project / Client T.P. MW's / FPL

10:39 START CR# 20 (101-106)			55" 860'
Depth	Min	Sec	Notes
101-101.5	00	16	92% Rec
101.5-102	00	06	WC = 19"
102-102.5	00	08	RUB. = 0
102.5-103	00	06	Sand = 36"
103-103.5			
103.5-104	00	12	
104-104.5	00	10	
104.5-105	00	09	
105-105.5	00	20	
105.5-106	00	17	
10:40	END CR# 20		

note: sand is casing in/ heaving into core casing. Will attempt to get 1 more core run, but may not be able to.

11:22 - RAIN! ⚡

11:54 - Rig on

12:00 - BIT IS PLUGGED tripping out to 060' core casing.

Location TPGW-15 Coring Date 7/26/15
 Project / Client TP MWS / FPL

TAG 99.4' feels soft like sand.

ream down to 106' BLS

12:44	START CR # 21 (106'-111')		7 "56"
Depth	MIN	SEC	NOTES
106-106.5	00	21	12 % Br. SAND = 7'
106.5-107	00	25	
107-107.5	00	16	
107.5-108	00	18	
108-108.5	00	26	
108.5-109	00	20	
109-109.5	00	21	
109.5-110	00	26	
110-110.5	00	23	
110.5-111	00	28	
12:48	END CR # 21		

END CORING TPGW-15 @ 111' BLS

13:36 START TO TRIP OUT
 14:00 - Call it for the day due to rain.

Location FPL Turkey Point Date 7/27/15 31
 Project / Client TP MWS - / FPL

08:30 @ site

- unload core boxes @ land-u bldg.
- go to TPGW-15 site
- Ty has completed tripping out
- Tomorrow will be mobilizing the dev. equipment today
- TAG TPGW-15 core hole @ 54' BLS

CCS BACK GROUND TURBIDITY
 - 126.9 u/s, 160.4 u/s, 157.9 u/s

11:00 DUMPSTER @ SITE

11:10 START TO MOBILIZE TO TPGW-16

15:00 H₂O Truck @ TPGW-16 site.