

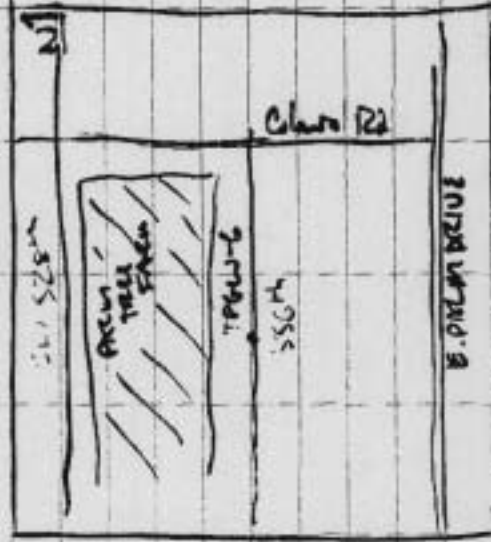
3/1/60 TP6W-6.

12:36- START AUGER

- 2.5' bls - hard

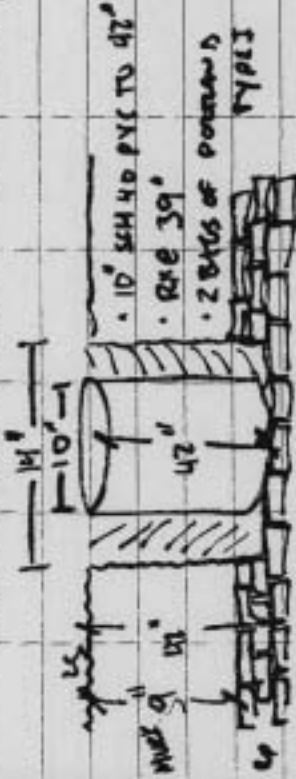
- 24" 39' BL (5.3')

- 0.0000 to 3.5' bls



LAT 25° 27.338' N

LONG 080° 23.218' W (WN # 071)



13119 - 2" SUPPLY WELL

WEP ~ 8' bls = 715 w/cu cm

TD = 38.4' BTD

TDC = 2.1' ACS

TD = 36.7' BLS

SCREEN 36.2' - 16.2' BLS

CASING = 16.2' bls + 2.1' ACS

CORNG.

Band / Bit Assembly = 4.5' (11.2')

MP - ACS = 2'

Run 1/4' - 9' 11'

3144 Pump in From W.S. well.

~~START~~ START = 3' 9" bls

314130 START CORE RUN #1

DEPTH (ft) MIN:SEC NOTES

4-5 1:22 72 " OF 60"

5-6 1:00 20 90 (below 4)

6-7 0:26 42 ~ 56"

7-8 4:17 72 ~ 116"

8-9 5:00

14:00 END CR #1

13119 2 11:51.58

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3/1/10 TPGU-6 Core

14:17L 2" W 11 Jue 14 17ms/cm

DEPTH	START	END	CR #2	NOTES
9-10	0:20	0:20	32	"OF 60"
10-11	0:25	0:25	53	% recovery
11-12	4:29	4:29	WE = 14'	
12-13	9:52	9:52	RUB = 18"	
13-14	5:48	5:48		
14:53	END	CR #2		

P ~ R-1 HARD

14:53 TO CR #20-14' Bk

14:41:30 START CORE RUN #3

DEPTH	MIN: SEC	NOTES
14-15	3:33	49 "OF 60"
15-16	2:56	82 % recovery
16-17	1:24	WE = 38"
17-18	00:49	RUB = 11"
18-19	5:58	

END CR #3

Drop from ~ 16'8" to 18'2"

14:56 TO CR #30-19' 1' blk

Note: AS PER JACKIE L. (RPR)
B.V. HAS FINISHED TO
DEPTH OF ~ 100' OR 124' - ?

START CORE RUN #4

DEPTH	MIN: SEC	NOTES
19-20	1:11	58 "OF 60"
20-21	1:37	46 % recovery
21-22	1:24	WE = 30"
22-23	5:56	RUB = 8"
23-24	3:04	
5:17:30	END	CR #4

15:12:30L TO CR #4 P 24' 4" BLS

- B.V. C.W. Borehole
- MID TIGER mud.

5:30:30 START CR #5

DEPTH	MIN: SEC	NOTES
24-25	00:47	56 "OF 60"
25-26	01:13	43 % recovery
26-27	00:55	WE = 55"
27-28	00:58	RUB = 1"
28-29	05:02	

15:37:30END CR #5

11/10 TPGW-6, CUBING
15:37:30 TD CR#5 @ 29' 2" BLS.

DEPTH	MIN	SEC	NOTES
29-30	01	57	00 "OF 60"
30-31	02	18	100 % recovery
31-32	01	39	WE = 49"
32-33	00	47	RUB = 11"
33-34	06	32	
16:00	END	CR#6	

16:00hr. TD. C.R.#6 @ 34' BLS

- MIX TIGER MUD

DEPTH	MIN	SEC	NOTES
34-35	03	30	59 "OF 60"
35-36	03	24	98 % recovery
36-38	02	21	WE = 30"
38-39	00	47	RUB = 9"
39-40	08	30	
16:31	END	CR#7	

DRILL - 37' 8" - 38' 10"

16:31 TD. CR#7 @ 39' 4" BLS

DEPTH (m)	MIN	SEC	NOTES
39-40	01	31	57 "OF 60"
40-41	01	45	93 % recovery
41-42	06	51	WE = 56"
42-43	03	12	RUB = "
43-44	04	25	
17:00	END	CR#8	

17:00hr TD CR#8 @ 44' 3" BLS.

NOTE: Sounded like core

17:00hr UH

17:10 - CORE PHOTOCD

17:27 - ONT TO CUR.

18:00 - OFF SITE

3/2/2010 T66-6 - C
07:45- on s. h.

• MA. VC BOXES

08:38 SP CORE RUN #5		
DEPTH	MIN: SEC	NOTES
114-45	00:35	58 " OF 72"
115-46	00:51	79 % RECOVERY
116-47	00:40	VC = 54 "
117-48	05:42	RUB = 3 "
118-49	02:03	
119-50	00:09	

8:48 END CORE #5

- 48.5' 45.46 sec, 17 - DEGREE - 48.8'

8:48 TD CR #9 @ ~ 49' 10" DLS

08:50 BN. TRYING TO BRACK OUT ON
TOOTHED SWIRL

9:02 BACKGROUNTS BY RIG

SL = 1196 w/cm

BACKGROUNDS (OTHER SIDE OF RD, 101 PG)

SL = 509 w/cm

9:12h - B.V. Completes regular PIN.

9:22 - Pulling at Core Barrel

• B.V. has to switch around Core Barrel 6'6"

of water out THREATS.

10:00 Region is FURNISHED. RUBY NO WATER CORRE

10:05 MIXING T66-6 MID.

10:07 START CORE RUN #10

DEPTH	MIN: SEC	NOTES
50-51	01:15	35 " OF 60"
51-52	05:44	92 % RECOVERY
52-53	01:30	VC = 46"
53-54	00:34	RUB = 9"
54-55	03:31	

10:14 END CORE #10

50.5' 00:23 ET

51.5' 04:54 ET

52.5' 00:44 ET

53.5' 00:23 ET

54.5' 01:07 ET

- 51' 2" FIRMER - SLOW PEN.

- 51' 4" DNG. ROTATION SPEED

- 51' 10" - Pen Rate fine

- 52' - DEEP

- 54' 9" FIRMER

10:19 TD CR #10 @ ~ 54' 10" 61s

03/02/2010, TPGW-6 CORING

10:50	START	CORE	RUN #11	NOTES
DEPTH	MIN	SEC		
65-56	00	55	13	"OF 60"
56-57	00	15	22	% Recovery
57-58	00	15	WE	8"
58-59	00	16	RELS	5"
59-60	00	16		

10:37: END CR. #11

55.5' b/s	00:47	ET
56.5' b/s	00:48	ET
57.5' b/s	00:09	ET
58.5' b/s	00:08	ET
59.5' b/s	00:09	ET

5' e z z s e e l.

10:32. TD CR #11 @ 59' 11" b/s

NOTE: 36 DEPT FROM

~55.5' b/s TO ~59' 10" b/s.
↳ MID FLUX TOWER?

10:44	START	CORE	RUN #12	NOTES
DEPTH	MIN	SEC		
60-61	02	20	56	"OF 60"
61-62	02	52	93	% Recovery
62-63	02	44	WE	= 40"
63-64	02	47	RELS	= 16"
64-65	01	00		
10:56	END	CORE	RUN #12	

60.5' b/s	00:38	ET
61.5' b/s	01:55	ET
62.5' b/s	00:56	ET
63.5' b/s	01:35	ET
64.5' b/s	00:23	ET

- 60 ft b/s @ ~13 sec

e ~ 60' 4" b/s - seems down from note

: 61' 4" DEPT TO ~ 62' 3" b/s

: ~ 62' 3" b/s FROM

63' 11" - BETTER PEN/DEPT TO

~ 64' 9" b/s.

10:56. TD CR #12 @ ~ 64' 11" b/s.

• 3V. Conditioning the ~~book~~
CORE BATH

• MIXED UP TIGER MUD

3/2/10 TPEW-6, CORE LOG

11:15 START RUN #13

DEPTH	MIN : SEC	NOTES
65-66	00 : 29	0 "OF 60"
66-67	00 : 9	0 % recovery
67-68	00 : 13	WE = 0
68-69	18 : 54	RUB = 0
69-70	2 : 12	

11:37 END CR #13

65.5' BLK	00 : 18	CR
66.5' BLK	00 : 5	CR
67.5' BLK	00 : 4	CR
68.5' BLK	12 : 36	CR
69.5' BLK	1 : 46	CR

- DEPT FROM 65' 10" BLS

- 68' 2" FIREWIRE

- 68' 5" - HARD, V-SHOW PEN RATE

- 68' 10" - Pen rate picking a little - SOFTER

- 69' 9" - Deep. TO TD - 69' 11" BLS

11:37L TD CR #13E - 69' 11" BLS

11:42 CB-OUT OF HOLE - CANCEL?

- NO RECOVER, CR #14

- MIXING TUBE MUD

11:48 START RUN #14

DEPTH	MIN : SEC	NOTES
70-71	06 : 46	55 "OF 60"
71-72	05 : 34	58 % recovery
72-73	11 : 06	WE = 20
73-74	08 : 55	RUB = 15
74-75	02 : 03	

12:36 END CR #15

70.5' BLK	00 : 46
71.5' BLK	03 : 02
72.5' BLK	04 : 30
73.5' BLK	07 : 36
74.5' BLK	00 : 23

- FIRE FROM 70' 7" TO 70' 11" BLS

- 71' 2" FIREWIRE

12:02 BLS MIN 14 MIN, trigger mud

12:19 - STOP @ 73' 4" - IT 7:25

- Pulling out

- 19.5" OF BULLOGE FROM

70' TO 73' 4" BLS

12:31 RESTART CORRE.

- MIX TUBE MUD

- 74' 7" FIREWIRE

12:36 - TD CR #14 @ 74' 11" BLS

3/2/10 TPGW-6, CORING

13:48 08:17.3/13:11.5 START RUN #16

DEPTH	MIN	SEC	NOTES
75-76	00	56	64 ° OF 60°
76-77	02	36	70 RECOVERY
77-78	02	08	NE = 61"
78-79	01	34	RHS = 3"
79-80	01	45	

08:27 END CR #16

75.5'e —

76.5'e 01:06

77.5'e 01:11

78.5'e 00:54

79.5'e 00:55

77.5'e 28 sec et.

12:49 STOP - LIGHT TAILING?

Depth ~ 75' 3" OLS

13:40 JUST TALKED W/ MIKE (B.V.)

- USGS IS FINISHED W/ LOGGING
- B.V. is getting ready to mobilize to TPGW-4 to 124'

13:56 • Caliper Gamma Rx 118'

• Fluor.

• In

- SP SPR

- ADI

- Sonic

3/3/10 TP6W-6, CORING

DEPTH	START	MIN	SEC	NOTES
80-81	1:12			049' 10" 60"
81-82	1:37			82' 90" 22 recovery
82-83	01:23			we = 46"
83-84	0:22			248 = 3"
84-85	01:49			
8:47	END	02:17		
80.5'				
81.5'	00:29			
82.5'	01:02			
83.5'	00:15			
84.5'	00:32			

8:47 TD CR #17 E - 84'11" BLS.

PHAD 36" sand section are
 recovered!
 - Photomicrographed.

9:04 START CORE RUN #18

DEPTH	MIN	SEC	NOTES
85-86	02:01		29' 06" 60"
86-87	00:47		48' 90" recovery
87-88	00:51		we = 24"
88-89	00:53		248 = 5"
89-90	00:38		
9:09	END	02:18	
85.5'			
86.5'	1' 9"		
87.5'	1' 35"		
88.5'	1' 41"		
89.5'	1' 16"		

9:09 - TD CR #18 E - 85'11" BLS

3/3/10 TP&W-6, CORING

9:25 START CORE RUN #19

DEPTH	MIN: SEC	NOTES:
90-91	00:21	
91-92	00:38	
92-93	03:13	23 "OF 60"
93-94	08:36	38 % RECOVERY
94-95	2:07	WE = 4 "
		RUB = 19 "

09:40:30 END CR #19

90.5'	—
91.5'	00:12
92.5'	1:01
93.5'	17:41
94.5'	0:53

~ 91'7" - Little firmer.

~ 92'8" - Firmer, PEN RATE MUCH SLOWER

~ 93'11" - Little better pen rate.

C ~ 94'2"-94'6" - Drop.

09:40 - TD CR #19 @ ~ 94'11" BLS.

9:56 - MIXING tiger mud.

9:57:30 START CORE RUN #20

DEPTH	MIN: SEC	NOTES
95-96	01:01	8 "OF 60"
96-97	00:28	13 % RECOVERY
97-98	03:02	
98-99	05:49	WE = 4 "
99-100	01:32	RUB = 4 "

10:11:30 END CR #20

95.5'	00:28
96.5'	00:13
97.5'	00:12
98.5'	02:50
99.5'	01:15

- 95'11" - Drop

- 96'6" - Firmer

- 97'8" - Drop to 97'2" BLS

- 98'2" BLS - HARD, PEN SLOWED

- 98'6" - STILL HARD. (Ditto piling up)

- 98'7" Drop

- 99'3" - Firmer

- 99'6" - Drop to TD

10:11 - TD CR #20 @ ~ 99'11" BLS

10:24 - MIXING TIGER MUD

3/3/10 TP6W-6, CORE USE

10:28 START CORE RUN #21

DEPTH	MIN : SEC	NOTES
100-101	00 : 34	111 " OF 60"
101-102	00 : 19	18 % RECOVERY
102-103	00 : 23	WE = 6 "
103-104	00 : 35	RUB = 10 "
104-105	01 : 57	SAND = 0 "

10:37:30 END CR #21

100.5' 00 : 25
 101.5' 00 : 09
 102.5' 00 : 11
 103.5' 00 : 26
 104.5' 1 : 48

NOTE: RUBBLE IS SANDY
 burrows

104' 1" - FIRM, pen slowed.
 104' 5" - DEEP

10:32 TD CR #21 @ ~104' 11" BLS.

10:43 - MIXING TIGER MUD

105 PER TO PREST (FA)

→ 13770 w/cu o rpgw-4 DISC LOG

- NOTE:

10:45 START CORE RUN #22

DEPTH	MIN : SEC	NOTES
105-106	00 : 31	16 " OF 60"
106-107	00 : 30	27 % RECOVERY
107-108	04 : 53	
108-109	07 : 35	
109-110	5 : 05	WE = 6 "

11:05 END CR #22

105.5' ---
 106.5' 00 : 08
 107.6' 00 : 24
 108.5' 02 : 37
 109.5' 03 : 55

NOTE: RUBBLE IS SANDY
 - Burrows Middle

107' 6" - FIRMER, pen slowed.
 108' 6" - SLOW PEN, MUD

DRILLER PICKING UP BIT

109' 7" - DEEP TO TD

11:05 - TD CR #22 @ 109' 11" BLS

3/3/10 TPGW-6, Core 156

DEPTH	MIN : SEC	NOTES
110-111	00 : 41	
111-112	00 : 34	
112-113	00 : 32	
113-114	00 : 28	
114-115	00 : 24	
11:27	END CR #23	
110.5'	00 : 29	
111.5'	00 : 19	
112.5'	00 : 20	
113.5'	00 : 18	
114.5'	00 : 11	

15" of 60"
 25% recovery
 WE = 3"
 RUB = 12"
 SAND = 0"
 • Brownish tan ls by
 LMW coning

11:27 TD CR #23 e ~ 114'11" BLS

- MIXING TIGER MUD.

DEPTH	MIN : SEC	NOTES
114:30	START CR: RW #24	
115-116	: 28	
116-117	: 12	60" of 60"
117-118	: 12	100% recovery
118-119	: 23	
119-120	: 18	WE = —"
11:47	END CR #24	RUB = —"
115.5'	+	SAND = 60"
116.5'	: 7	
117.5'	: 7	
118.5'	: 6	
119.5'	: 7	

118'8" FIRM ~ 7" THAW DEEP

11:47 TD CR #24 e 119'11" BLS

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3/3/10

TPGW-6, Eng

12:03:20 START CORE RUN #25

DEPTH MIN: SEC NOTES

120-21 00:00 19 60' OF 60'

221-121 00:00 13 100% Recovery

121-221 00:00 13 SAND = 60"

121-521 00:00 21

521-621 00:00 21

50:21 521-621

12:05 TD #25 @ 124'11" BLS.

12:22:20 START CORE RUN #26

DEPTH MIN: SEC NOTES

125-126 00:00 15 42' OF 60'

126-127 00:00 12 70% Recovery

127-128 00:00 11 SAND = 40"

128-129 00:00 37 WL = 2"

129-130 00:00 1:03

12:24 129-130

128'8" Firm

129'9" - 129'11" - Drip.

12:24 - TD CR #26 @ 129'11" BLS.