

07:35 - @ LUB → REVIEWING CRITICAL DATA FOR DRILLING

4/29/10 FRI L MW. CAUST.

08:30 @
TPGW-10 19.65' BTOL-DTAG INSIDE OF 8" PVC
WQ IN BAY

08:44 h. INSIDE TBIDJ = 1.03 m

OUTSIDE TBIDJ = 1.45 m

09:30 - @ TPGW-7, B.V. SETTING UP TO
DRILL INT. WELL

10:26 - RIG RUNNING - REAMED BORE HOLE

51'
48.5'
- 1.7'
44.8 ~ 45

- MAKE CONNECTION SS OF 6"
- CROW @ #7 going to #10
- @ #10 Pipe (7" / 1hr) twisted off

12:00 @ SITZ #12

DEEP WELL

- 124.45' BTOL

- TOL = 0.15' ABOVE LS / 10" PVC

35 bags 1/4 x 1/8

2 bags 2/30

GRADING MATERIALS ESTIMATE

* 23 wells (#7, III #1, III #14, III #6, III
#5, III #11, III #10, II #9, III)

- 30 bags pallet - 6-8 pallets gravel
- 1 pallet 20-30
- cement
- Pellets ~ 10-15 buckets per site.

13:11 - pulled up 5' of 6"

ADD 2 BAGS GRAVEL.

13:15 170' - 5.8' = 164.2' BLS GRAVEL

- ADD 1/2 bag SAND.

120' - ~~8.6'~~ = 183.4' - 7.5' = 175.9' BLS

• TPEW-5

45-50' SCREEN - (47-49 crust)

• PICKED UP 10' SAND SETTLED

→ 6" CASING 15' - 3' = 12' BLS.

114.1' - SAND.

13:58 - ADD BENTONITE.

• 3 buckets TOTAL ON SITE

14:00 - REMOVING 5' OF CASING - 110' TOTAL

- ADD 2.5 bucket bentonite

14:15 pull 5' of 6" - 105' TOTAL

14:42 - pull 5' of 6" - 100' TOTAL 3' SACK UP
97' in hole

DEEP MW TPGW-12

LS

0' stickup

GROUTING PLAN

- ① GRAVEL TO 115'
 - ② 1 bag sand ~ 114'
 - ③ BENTONITE TO 97'
 - ④ SAND TO 95'
 - ⑤ GRAVEL TO 89'
 - ⑥ 1/2 BAG SAND ~ 88.5'
 - ⑦ BENTONITE TO 87.5'
 - ⑧ Cement TO ~ 70'
- ↳ Theoretical ~ 60 gal.

ACTUAL TAG DEPTHS

- ⑧ CEMENT LIFT, _____
- ⑦ BENTONITE TAG, _____
- ⑥ SAND TAG, _____
- ⑤ GRAVEL TAG, _____
- ④ SAND TAG, _____
- ③ BENTONITE TAG, _____
- ② SAND TAG, 112.5
- ① GRAVEL TAG, 114.2

124' - FOR SUMP.