

824141  
Richter

Nov 5

More snow overnight - a good 4" in Greenwood.  
Let's hope the highways can make it!

Greg & Mary splitting.

Chris drawing sections / finishing drill summaries 11-13.  
Check on drill situation.  $\Rightarrow$  SFA.

Greg plowed road.

Nov 6.

Greg to Grand Forks to pick up chainsaw.

Mary split coal.

Greg & Mary bucked up trees at drill sites.

Chris - logging TH 91-14.

Water tank on way up - drilling by late afternoon (after 3 days)

Dishers stolen last night (after 5).

Nov 7.

Greg / Mary finish bucking up trees on pad TH 91-14.

Greg - take saw back to town.

Mary splitting.

Chris log TH 91-14 (time sheet is faxed)

Nov 4 Another F-U day! \* Snow. 2-3 inches in Greenwood.

Many doing drill stem hole 12, prob, wait for Paul Witten - brought him down to core shack

Greg finish spotting / skipping hole 11.

Paul Witten around for an hour.

Tripped off laptop computer (heat problem??)

Phone line down in afternoon til night.

Other - finish hole 13, package laptop, talk to Pan, deal with data problems. :)

- ① Leo comes by in early AM - His old chains don't fit - has to go to Grand Forks where a pre-order set is ready.
- ② Even chained up he can't do the job.
- ③ Darwin comes up to see if he can do it - says he can but road needs to be graded in a couple of places and a round trip will take about 2 hrs.  $10,000 \text{ cals} = 10 \text{ hrs}$   
so need 24 hr water truck. Cam says go for it.
- ④ A drit will not hold enough water - only ~100-600 gallons.  
of ground to rocky, can't build sumps so need water tank.

~~30/day~~ (5) Ken Taylor's tank holds 5000 gal but no wheels or skids.  
Need high-up to move - Larry Scott. Dirlers got in  
contact with him said he could do it tomorrow (the 5<sup>th</sup>)  
(If this doesn't work Leo is working on contingency  
plan in Osageas). Problem is the tank will have  
to be moved once when TM91-15 (P23) is  
finished  $\Rightarrow$  3 truck trips ??

Net Result: No drilling done today!

(Signed less. Invoice for Oct 21-31 '84)

Oct 31 Mary logging TM 91-12.

Chris logging TM 91-13, finished 91-11

Greg split core.

Night shift got cat stuck filling water hole, soon after got moving again. Hauled drill the long way to TM 91-19.

- didn't make great set up for the hole.

- Leo back hauling water → started late but will work til ~12:00.

Nov 1 Month 2. starts (and a shitty start it is!).

Greg out locating, labelling holes.

Mary logging, Chris logging.

Ran out of H2O at 4 am. →

Drillers ready to go at 10 am. (Chris standby)

Sump not holding water well - took some left over plastic up in the pm.

Leo's radiator sprung a leak had another (Dovein) guy up - both trucks had to work to keep sump full.  
- how is this to be charged.

Drillers have problems with their pump being in backups

→ Don't know how much time was lost.

Nov 2 Chris log Core, Mary log Core till noon, work on sections.

Greg to town to buy plastic, split core.

Drillers ran out of water on night shift (Nov 2 am) again ~3:00.

Computer problems with the laptop again send it back on Monday.

Nov 3 Shut down TM 91-14 at 400' (on Nov 3 2:30 am) - shut down early, ran out of H2O again Leo's truck not up there?!

Greg/Mary split core.

Chris - Finish drill summary TM 91-11, log TM 91-13.

Drill Set up, not enough water - no night shift, 2nd will be run in AM.

Oct. 27 Greg & Chris set up TM 91-13.

Greg split core

Chris finished logging TM 91-10

Many big log, to sections, drill hole summary

Not much core from night shift - elevation on water line caused breakages - then had problems with freezing.

Darren still hauling H<sub>2</sub>O

Oct 28. 2:30 AM SHUT down TM 91-12 @ 319' - 9' early - water lines frozen again. Spend most of night packing up, moving water line.

Many big log.

Greg split 1st start uneventful.

Chris log do more searching for the N-S units  
Drillers did not work night shift.

Oct. 29. - Chris out in field with drillers for a while, logging  
Many - Big log, drew up TM 91-10 section, splitting.  
Greg finish uneventful, splitting.  
Drillers still setting up on TM 91-13 should start around noon - shift change early on days.  
Darren still hauling H<sub>2</sub>O.

Oct 30 Many / Greg split core. Darren still hauling H<sub>2</sub>O.

Shut down TM 91-13 at ~8:00pm.

Chris beginning, Drill sum.

Oct 21 Leo figures he & friend can keep as in H<sub>2</sub>O.  
Greg Idling splitting.  
Chris run around morning, write drill Sean for 91-7.  
Leo ~13, charge 10 ; show Mary prglog.  
Oct 22 Drillers working on TM 91-9.  
Leo around ~13 hr charge 10 - wants \$65 - seems fair.  
Mary Pug logging,  
Greg Splitting  
Chris logging -

Oct 23. Shut TM 91-9 @ 3:30 AM. Drill setup on P11  
by 9:00 AM and start drilling.  
Go over drill invoice.  
Greg split last  
Mary log TM 91-9  
Chris finished TM 91-8.

Oct 24 Mary logging, Chris logging, Greg splitting  
Shut down TM 91-10 @ 5:30. Set up / Start TM 91-11  
(P10) ; Damon? takes over for Leo. - with bill Leo  
who'll pursue us with one invoice.

Oct 25 Mary & Chris logged, Greg split.  
Drillers on TM 91-11.

Oct 26 Shut down TM 91-11 @ ~ 487<sup>(?)</sup> - Broke boom on move  
Mary working on drill summary - split core, charge  
log TM 91-6.  
Greg splitting.  
Chris looking for trail to south end for most of day.  
- minor logging.

Oct 18 Greg got plaster for scamp  
Mary splitting cow  
Greg set up cow racks  
Chris up & down hill a lot. - took Bob Knight / John  
Shaved roads - will take short road, built sumps  
- misunderstanding about travel times  
- Water truck vandalized, not ready  
- Drillers move to P-9, dig sumps, gather water line  
- no night shift.

Oct 19 Many split cow  
Greg finish cow racks.  
Chris finish logging TM 91-7 - Did Sun 91-6, start 91-7  
dropped section for 91-7. Start looking for temporary  
water truck.  
Bob King got alternator but apparently not starters - may not  
be available until Monday  
- Tried calling Harry Scott, and Fred hasn't heard  
back yet.; George is out.

Oct 20 Told drillers to no more standby till get water truck  
- Got Leo B. agreed to run water on Monday (2/1)  
for \$65/day - discuss price for longer term  
Greg / Mary split cow.  
Chris - run around after drillers, meet Leo, start  
looking at 91-8.

Oct 21 Drillers start drilling @ 10:00  
Phone B. Knight that water situation resolved & that  
he wasn't needed.

Oct 13 Sunday.

- Shut down log some of TM 91-6  
Mary logging TM 91-5  
Greg splitting core TM 91-1 Add. Samples

Oct 14 Shut down TM 91-6 @ 4:30 AM @ 502'

- Mary logging TM 91-65  
Greg splitting TM 91-2 Add Samples.  
Chris finish log TM 91-6 ~~start TM~~

Oct 15 Mary log TM 91-5

- Greg finish split on TM 91-2 - ship samples  
Chris finish TM 91-6, start 7.  
Shut down TM 91-7 @ 416'

Oct 16 C+M th hunt for drill water.

- Greg finish splitting TM 91-3  
Chris cutting trees etc.

Dull TM 91-8 hard + blocky

- Greg to town - groceries, relax, start hunting rocks  
Mary finish logging hole, start splitting again.

Oct 17 Mary split core

Greg build core rakes

Chris - some logging, lots of running around

Shut down TM 91-8 @ 375'

Drillers start coiling waterline.

96 -0960

Oct. 9: Greg drill holes for core rack

Many split core

Chris log core, set up DDH TM 91-5

End TM 91-4 @ 505' - instead of 525' =

Oct. 10: Put in splits for TM 91-6

Many split core

Greg finish drilling holes for core rack, split core

Chris log, change flat, talk to Cam

Oct. 11. Show & Tell Dan, Don, Hub, Georg.

Greg + Mary 5 split core.

Chris finish logging hole 4

Drill Hole TM 5 unilaterally ended by Don.  
- after 6<sup>th</sup> bit was shot.

- left some casing +  $\frac{1}{2}$ " old shoe down so can  
go down again if necessary (at Atlas' cost!!)  
- let them set themselves up check at night.

- Cat stuck, can't move, no night shift

Oct. 12 Finish splitting TM 91-4

Finish preparing up additional samples for TM 91-1 to 3  
will go over TM 91-5 with Mary - she'll log with my  
assistance.

Drill moved - set up at  $95-97^\circ$  (5-7 offset)

- Greg got rest of numbers for core markers - still  
no rebar.

- told Don, Minnova would core cost of 2 bits  
- Don. in latter moved

but also told him there's good chance we'll  
have to go back to it - his cost.

## Summary of Days Activities.

Oct. 6. Greg Split Core ; Send Samples TM 91-1, TM 91-2  
Many travel to Greenwood. - No show car problems  
Chris go over drill holes with Cam.  
Chris log core.  
Greg redrew some sections @ 1:250  
Shot down TM 91-3 @ 400' ; Next hole on steep  
side slope. Cat broke cable + chain several times getting  
drill in place.  
Wrote up Drill sum TM 91-1  
Toread Up printer.  
Can't Use fax machine. -

Oct 7. Greg finish redrawing necessary sections  
Greg to town buy bunch of stuff  
Chris log core. - Finished logging TM 91-3. - finished staining.  
\* Our account with hardware store not in yet!  
so couldn't get core back materials.  
Greg dymo taping.  
Fax works fine. - try to fix printer.  
Night Shift Drill Broken Down.

Oct. 8 Many arrives  
Greg do the core thing  
Drill still broken down - day shift - should be a night shift  
log core  
George Stewart accident. (eller wife)  
Dave, Dan, George to show up on Friday -