Meeting - injection well 5/8/86

User: Denis Cinnick

Injectors: 1000-1400 gpm.

Larry - ~110 spm. (219/84 - psq)

Tank: Fins in '84 ~ 20-30 ft. not set, up to 50.

Larry - positive pressure field gravel, etc., in place, etc.

Wet - no positive pressure: Thanks much of stuff

Tank - looks like fine.

My - extent of grand pack?

Larry - fill 'em up. If you got it.

Tank - Need to drill this well? Or can hang it out?

Larry - If you could drill it out, may have to drill pump out from grand pack. Can't predict how the response will be / it's a very different test to a little injection.

Must inject pump water. Can't take water well yield water at same rate, might be a little different if water comes up faster.

Thanks. There's no bridge there - material not dropped or cut. Material - gray red pack.

Tank - paper: in - /at the injection point, or grand pack.

Larry - after tank - put in. Wouldn't take water.

Set charge - fire hit it. Camera shows lot out, destroyed.

50-60 ft. - 20+3 times.

Use cement, seal pump out below line = put in.
When do we go from here?

Hold up by DOE.

Well report wants to cap well, put in retention basin: 2-4 million.

Need well screen & gravel.

Tank - can take out liner but not casing.

Barney - pull out liner, drill out casing

Need to refurbish well if it will be used.

Down time - 30-45 days for actual work.

Before - well closed off - 709 filled up ~ 1 ft.

Shallow pumps, poly, monitoring, and everything stabilized here - flow down (closing off work).

Frank - can casing is deployed in pipes - go up.

Avery - avenue for gravel to come in this pipe.

Frank: '50 - '53.

Started out as 36" bongal -

12" casing - only one can see. All others =

buried underneath concrete slab.

Pump test (my suggestion).

DOE has to make decision now.

Dennis - what should shift people do now?

Special prayers?

Any worst case estimate what well could take?

Could have 450. It is good not just 350.

But could get failure of lifting, lots of.

Best case 420 ft: 274 gal.

Large water thin thickness steel.

 blasted out steel 1.75-1.75 ft thick. Casing = 6".

must go above level make it worse!
Can force thousands of gal/min thru 48 2" holes
If going goes, water goes up & out - 4 AK

...4 furnace water bodies in area
 Any - says well could fail any time
12" casing: holds ~ 7 gal/ft
~ 3000 gal storage in line
8000 gal in reservoir itself

5 min of water - all 4 AK shown!
No way it could handle 1x10^6 gal/day!
Whenever we flush injection, Angela gets
worse.

Jim: Need to evaluate what water can do shot
off in emergency
On 1 hr, could cut flow to 600 gal
Dennis - what can we do in 8 min?

Dennis - must have 604 manned throughout
Dennis - ~ 8 of good level elevation
Denny - 12 shut off valves plus my around ideas
No way to gravity flow to pond...
Characterization of cancer of plant? 
who has lead?

Jim's group - lead on hydraulic properties of plant
then need notify subject etc.

Refurbish work? Dangerous - if so Jerry must 
be in charge of the project.