Waiver M/O-200

Log# 86241

Well Summary Information

**ornl** OAK RIDGE NATIONAL LABORATORY

SW4NE4 Sec 15 18N 29E

Prepared By: R. Schlosser Date: 3/16/91 Page: OF

Hole No MW43 Casing Elev.: Ground Elev.: Location: Churchill Cnty.

Total Depth: 30' Number of Completions: 1 Rig Type: Schramm ROTADRILL T-685

Auger Size: 8" OD Sample Type:

Project: NTS FALLON Data Verified By: Date:

Basin #101

| DEPTH (FEET) | SAMPLE TYPE | SAMPLE INTV | WELL CONSTRUCTION | LITHOLOGY | DESCRIPTION |
|---|---|---|---|---|---|
| 0 | NS | | | | CONCRETE |
| 2 | | | | | |
| 4 | | CS | | | SP: Sand yel brn 10YR 5/6 vfL-fL sbang-sbrd sme scat CL pred clr qtz sme scat vfL dk acc min & ark cnt. |
| 6 | | | | | SP: Sand a/a, becoming coarser sl calc |
| 8 | | SP | | NS | SP: Sand brn 10YR 4/3 calc IP |
| 10 | | | GROUT | NS | Auger to 10' 6/1 GROUT. 0-20' |
| 12 | CS | | | | SP: dk brn 10YR 3/3, silty in lower part, micaceous abnt root hairs and organics, grading to SM. |
| 14 | | | | | SM: Silty Sand dk brn a/a, micaceous, ~~sf~~ sand vfL |
| 16 | | | | | SP ~~sp~~ Sand yell brn. 10YR 5/4, vfL-fL, silty IP, micaceous abnt fe stning pred clr & mlky qtz. sme dk acc min |
| 18 | CS | | | | |
| 20 | | | | | SM: dk gy brn. 10YR 3/2 mot v dk gy 2.5Y N3/ loc. 3/8" BENT. 20-21' |
| 22 | CS | | 8/20 FRAC SAND | | SP: Sand vfL. v wet, micaceous, n calc. 8/20 FRAC SAND. 21-29.5 .020 SLOTTED SCREEN 23-28 |
| 24 | | | | | SP Sand a/a NATIVE FLLL 29.5-30' |
| 26 | | | | | |
| 28 | CS | | | | SP ~~a/a~~ dive - sme dk sand beds |
| 30 | | | NATIVE | | SP. Sand vfL oxidized - MARKER BED CL: Olive 5Y 5/3. stiff slty IP |

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*Dual Completion

DLN = 772 (welsco)