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Well Summary Information

OAK RIDGE NATIONAL LABORATORY

NE 1/4 NW 1/4 Sec 15 18N 29E

Prepared By: Bob Schlosser Date: 6/19/90 Page: 1 OF 1

Hole No.: MW05L Casing Elev.: 3934.49' Ground Elev.: 3934.46' Location: Site 2

Total Depth: 25.0' Number of Completions: 1 Rig Type: Schramm Roto-drill T-685

Auger Size: 8" O.D. Sample Type: 3"x5' Continuous, 2.5"x2" Calif. Method SS

Project: NAS Fallon Data Verified By: Date:

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					FILL: 8-15mm gravel silty clay matrix.
2	CS				FILL: clayey silt, dark brown and olive.
4					SP SAND: pale brown (10YR6/3), fine grained (fU) subangular to subrounded, calcareous locally micaceous, root hairs, well consolidated.
6	SP				CL CLAYEY SILT: very dark gray (10YR3/2), stiff, calcareous in part, abundant root hairs, micaceous.
8	SP				SP SAND: grayish brown (10YR5/2), mottled very dark gray (2.5N3/) occasionally, saturated at 7.5'
10					SP SAND: color as above, very silty.
12	CS				SW SAND: grayish brown (10YR5/2), fine to medium grained (fL-mL) subrounded to rounded, some feldspars and dark accessory minerals, loosely consolidated, well graded.
14					SAND SURGED UP AUGER 2.0' DURING CONNECTION
16					
18	CS				CL CLAYEY SILT: brown (10YR5/3), very silty and streak dark gray (5Y4/1), abundant limonite staining, root vessicles mottled dark gray dry to moist, micaceous.
20					SW SAND: pale brown (10YR6/3), fine to coarse grained (fU-vcl), dark reduced areas very obvious abundant root vessicles, saturated at 19.0'.
22	CS				CL CLAYEY SILT: light olive brown (2.5Y5/4), with thick 2-5mm strong limonite stained very fine grained sand beds 23'-24' CARSON RIVER-LAHONTON RIVER CONTACT.
24					CL CLAY: olive (5Y4/3), blocky, very dry, mottled olive (5Y5/4).
26					SLOTTED SCREEN (0.010") 16.0'-21.0' FRAC SAND (8/12) 15.0'-19.0' BENTONITE PELLETS (1/4") 10.0'-15.0', HYDRATED WITH POTABLE WATER (2 GALLONS)
28					
30					

RECEIVED
AUG 12 1991
STATE ENGINEER'S OFFICE

* Dual Completion

DLN = 772 (Welsco)

WELL CONSTRUCTION MATERIAL AND PROCEDURAL CHECKLIST

OAK RIDGE NATIONAL LABORATORY
 CHEMICAL ASSESMENTS TEAM
 GRAND JUNCTION OFFICE
 P.O. BOX 2567
 GRAND JUNCTION, CO 81502
 (303) 248-6209
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PROJECT: NAS Fallon		SITE: 2		WELL: MW05L		DATE: 06/19/90		
DRILLING				WELL COMPLETION				
Method: Hollow Stem Auger				Borehole Diameter: 8" O.D.				
Contractor: Welsco Corporation				Casing Depth: 21.0'				
Rig Type: Schramm Roto-Drill T-685				Total Depth: 25.0'				
Driller: Jim Biffle				Screened Interval: 16.0'-21.0'				
QA/QC: R.M.Schlosser				Water Level (Pre-level):				
Was equipment decontaminated prior to drilling: YES				Water Level (Post-level):				
Comments: Augers deconned prior to drilling.				QA/QC: R.M. Schlosser				
				Was casing decontaminated prior to setting: YES				
				Was grout mixed to specs.: NO				
MATERIALS				Comments: Pre-cleaned casing removed from plastic, steam cleaned and returned to plastic prior to installation.				
	Size		Amount					
Sand	100#	8/12	2		WELL DEVELOPMENT			
Portland Cement								
Powdered Bentonite					Developed by: S.R. Sturm		Date: 06/21/90	
Bentonite Pellets	1/4"		50#		Method: Air lift pump			
Casing	2" DIA.		1-10'		Volume of Water Purged: 145 gals			
Type	PVC				Water Quality	Temp:N/A	Cond:N/A	pH:N/A
Well Cap	2" DIA.		1		WELL TESTS			
Well Points	2" DIA.		1		Bail Test by: S.R. Sturm, P.M. Kearl		Date: 07/15/90	
Screen Length	5'		1		Pump Test by: None done		Date: / /	
Screen Size	.010"				Other:			
Screen Type	PVC SLOTTED				Comments: Hydraulic conductivity, .42-.79 FPD.			
CAT/REP: R.M. Schlosser								
Comments: Grouted with ready mix concrete.								