

Measuring Point is
Top of Well Casing
Unless Otherwise Noted.

* Depth Below Land Surface

Project UNC Airport Road/Chem Site Well SRW-1

Town/City Chapel Hill

County Orange State NC

Permit No. _____

Land-Surface Elevation and Datum:

_____ feet Surveyed

Estimated

Installation Date(s) 4/4/06

Drilling Method Hollow Stem Auger and Air Rotary

Drilling Contractor Geologic Exploration

Drilling Fluid Air

Development Technique(s) and Date(s)

Submersible pump

Fluid Loss During Drilling _____ gallons

Water Removed During Development _____ gallons

Static Depth to Water _____ feet below M.P.

Pumping Depth to Water _____ feet below M.P.

Pumping Duration _____ hours

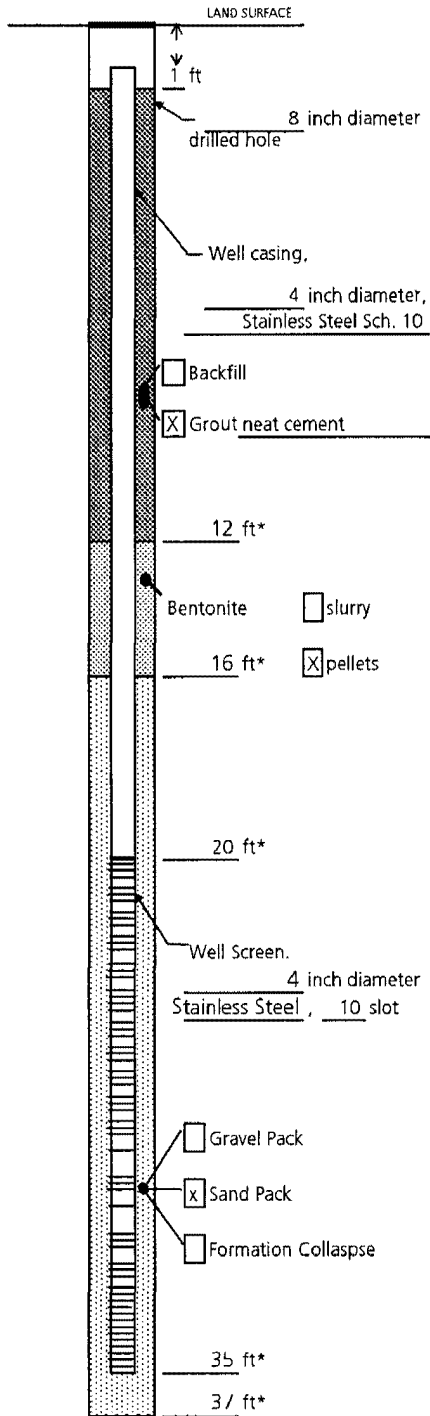
Yield _____ gpm Date _____

Specific Capacity _____ gpm/ft

Well Purpose Recovery Well

Remarks _____

Prepared by Joe Montrella



Measuring Point is
Top of Well Casing
Unless Otherwise Noted.

* Depth Below Land Surface

Project UNC Airport Road/Chem Site Well SRW-3

Town/City Chapel Hill

County Orange State NC

Permit No. _____

Land-Surface Elevation and Datum:

_____ feet Surveyed
 Estimated

Installation Date(s) 4/4/06

Drilling Method Hollow Stern Auger and Air Rotary

Drilling Contractor Geologic Exploration

Drilling Fluid Air

Development Technique(s) and Date(s)

Submersible pump _____

Fluid Loss During Drilling _____ gallons

Water Removed During Development _____ gallons

Static Depth to Water _____ feet below M.P.

Pumping Depth to Water _____ feet below M.P.

Pumping Duration _____ hours

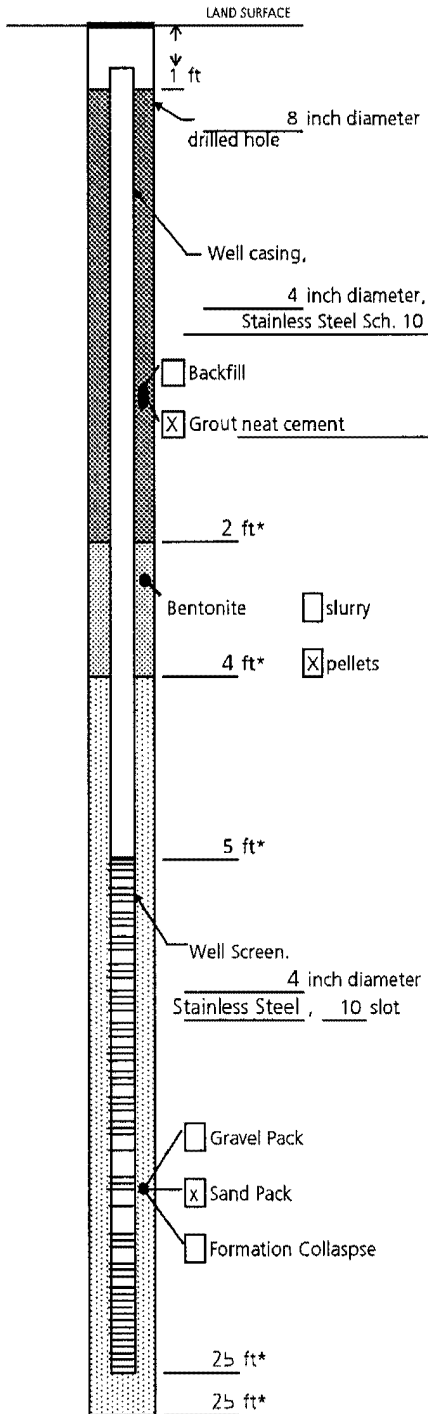
Yield _____ gpm Date _____

Specific Capacity _____ gpm/ft

Well Purpose Recovery Well

Remarks _____

Prepared by Joe Montrella



Measuring Point is
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* Depth Below Land Surface

Project UNC Airport Road/Chem Site Well VER-1

Town/City Chapel Hill

County Orange State NC

Permit No. _____

Land-Surface Elevation and Datum:
_____ feet Surveyed
 Estimated

Installation Date(s) 4/4/06

Drilling Method Hollow Stem Auger and Air Rotary

Drilling Contractor Geologic Exploration

Drilling Fluid Air

Development Technique(s) and Date(s)

Submersible pump

Fluid Loss During Drilling _____ gallons

Water Removed During Development _____ gallons

Static Depth to Water _____ feet below M.P.

Pumping Depth to Water _____ feet below M.P.

Pumping Duration _____ hours

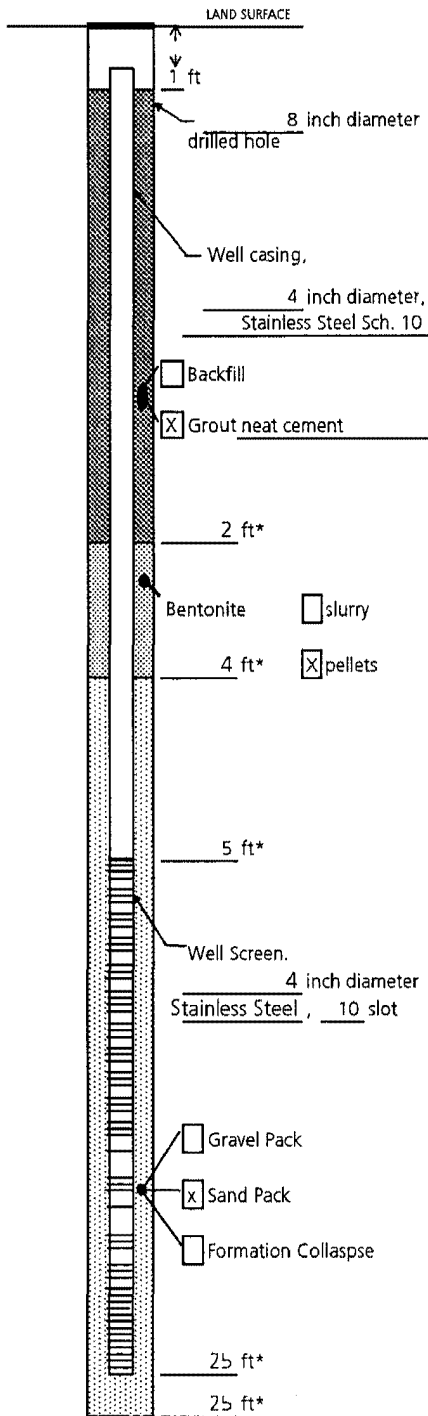
Yield _____ gpm Date _____

Specific Capacity _____ gpm/ft

Well Purpose Vacuum Enhanced Recovery Well

Remarks _____

Prepared by Joe Montrella



Measuring Point is
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* Depth Below Land Surface

Project UNC Airport Road/Chem Site Well VER-3

Town/City Chapel Hill

County Orange State NC

Permit No. _____

Land-Surface Elevation and Datum:

_____ feet Surveyed

Estimated

Installation Date(s) 4/4/06

Drilling Method Hollow Stem Auger and Air Rotary

Drilling Contractor Geologic Exploration

Drilling Fluid Air

Development Technique(s) and Date(s)

Submersible pump

Fluid Loss During Drilling _____ gallons

Water Removed During Development _____ gallons

Static Depth to Water _____ feet below M.P.

Pumping Depth to Water _____ feet below M.P.

Pumping Duration _____ hours

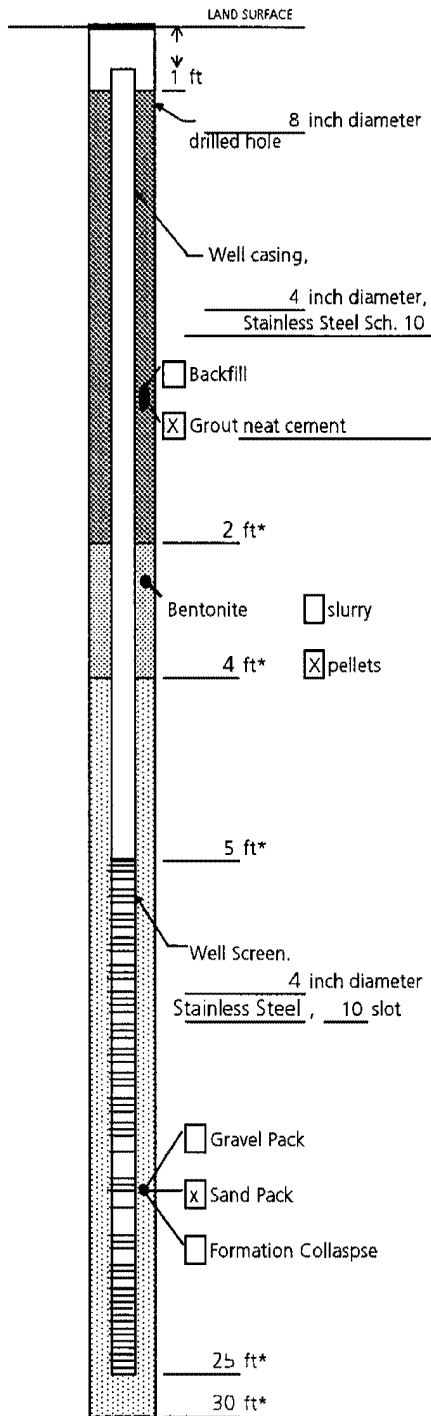
Yield _____ gpm Date _____

Specific Capacity _____ gpm/ft

Well Purpose Vacuum Enhanced Recovery Well

Remarks _____

Prepared by Joe Montrella



Measuring Point is
Top of Well Casing
Unless Otherwise Noted.

* Depth Below Land Surface

Project UNC Airport Road/Chem Site Well VER-4

Town/City Chapel Hill

County Orange State NC

Permit No. _____

Land-Surface Elevation and Datum:

_____ feet Surveyed

Estimated

Installation Date(s) 4/4/06

Drilling Method Hollow Stem Auger and Air Rotary

Drilling Contractor Geologic Exploration

Drilling Fluid Air

Development Technique(s) and Date(s)

Submersible pump _____

Fluid Loss During Drilling _____ gallons

Water Removed During Development _____ gallons

Static Depth to Water _____ feet below M.P.

Pumping Depth to Water _____ feet below M.P.

Pumping Duration _____ hours

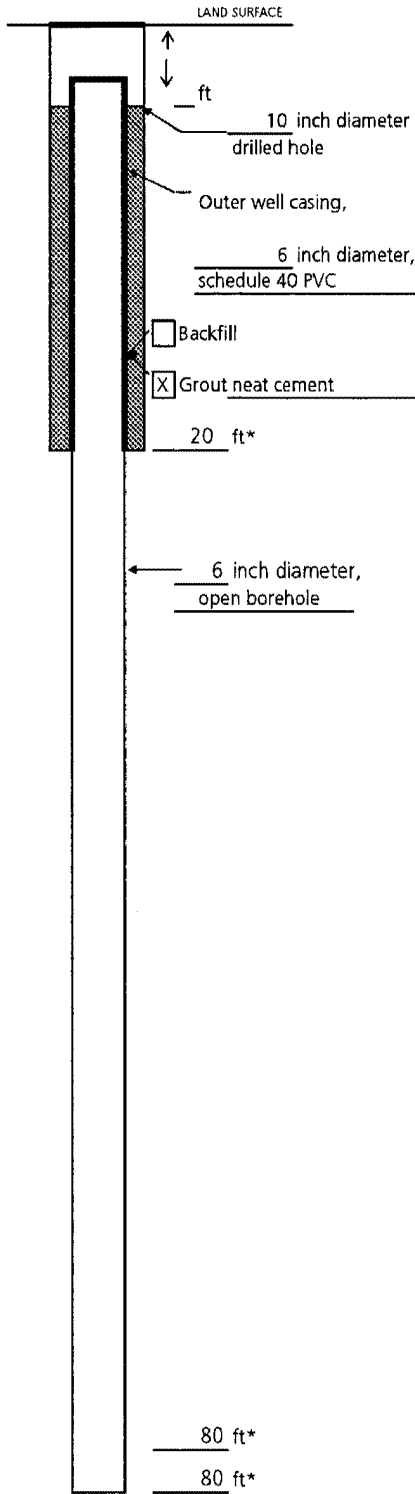
Yield _____ gpm Date _____

Specific Capacity _____ gpm/ft

Well Purpose Vacuum Enhanced Recovery Well

Remarks _____

Prepared by Joe Montrella



Project UNC Airport Road/Chem Site Well DRW-2

Town/City Chapel Hill

County Orange State NC

Permit No. _____

Land-Surface Elevation and Datum:

_____ feet Surveyed

Estimated

Installation Date(s) 7/1/2004 - 7/6/2004

Drilling Method air hammer

Drilling Contractor Geologic Exploration

Drilling Fluid air

Development Technique(s) and Date(s)

air and disposable bailer

Fluid Loss During Drilling _____ gallons

Water Removed During Development _____ gallons

Static Depth to Water _____ feet below M.P.

Pumping Depth to Water _____ feet below M.P.

Pumping Duration _____ hours

Yield _____ gpm Date _____

Specific Capacity _____ gpm/ft

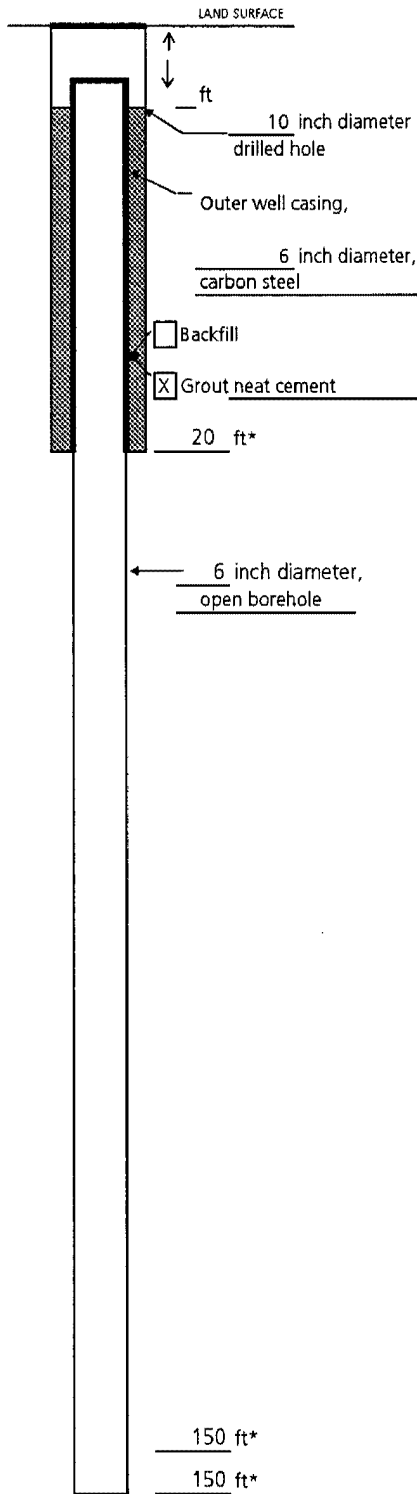
Well Purpose monitor well

Remarks _____

Measuring Point is
Top of Well Casing
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* Depth Below Land Surface

Prepared by Jason Namey



Measuring Point is
Top of Well Casing
Unless Otherwise Noted.

* Depth Below Land Surface

Project UNC Airport Road/Chem Site Well DRW-3

Town/City Chapel Hill

County Orange State NC

Permit No. _____

Land-Surface Elevation and Datum:

_____ feet Surveyed

Estimated

Installation Date(s) 7/1/2004 - 7/6/2004

Drilling Method air hammer

Drilling Contractor Geologic Exploration

Drilling Fluid air

Development Technique(s) and Date(s)

air and disposable bailer

Fluid Loss During Drilling _____ gallons

Water Removed During Development _____ gallons

Static Depth to Water _____ feet below M.P.

Pumping Depth to Water _____ feet below M.P.

Pumping Duration _____ hours

Yield _____ gpm Date _____

Specific Capacity _____ gpm/ft

Well Purpose monitor well

Remarks _____

Prepared by Jason Namey

Boring/Well DRW-3 Project/No. NC000239.0015 Page 1 of 1

Site Location UNC Airport Road/Chem Site Drilling Started 4/3/2006 Drilling Completed 4/5/2006

Drilling Contractor Geologic Exploration Driller Jason Helper Danny

Drilling Fluid Used Air Drilling Method Hollow Stem Auger and Air Rotary

Length and Diameter of Coring Device NA Sampling Interval NA feet

Total Depth Drilled 150 Feet Hole Diameter 8" Coring Device 8" hammer bit

Prepared By Joe Montrella Hammer Weight NA Hammer Drop NA ins.

Soil Characterization:

Sample/Core Depth (Feet bls)		Core Recovery (Feet)	OVM Reading (ppm)	Blow Counts per 6 Inches	Sample/Core Description
From	To				
0.0	4.0				Gray to Brown clayey silty sand; saprolite; auger refusal at 3.0 ft bls.
4.0	20.0				Bedrock - Green to Brown granodiorite; Surface casing set at 20.0 ft bls
20.0	57.0				Bedrock - Green to Brown granodiorite
57.0	57.5				Fractured/Soft Interval; extensive water
57.5	62.0				Bedrock - Green to Brown granodiorite
62.0	62.5				Fractured/Soft Interval
62.5	85.0				Bedrock - Green to Brown granodiorite
85.0	85.5				Fractured/Soft Interval
85.5	98.0				Bedrock - Green to Brown granodiorite
98.0	98.5				Fractured/Soft Interval
98.5	103.0				Bedrock - Green to Brown granodiorite
103.0	103.5				Fractured/Soft Interval
103.5	113.0				Bedrock - Green to Brown granodiorite
113.0	113.5				Fractured/Soft Interval
113.5	119.0				Bedrock - Green to Brown granodiorite
119.0	119.5				Fractured/Soft Interval
119.5	147.0				Bedrock - Green to Brown granodiorite
147.0	147.5				Fractured/Soft Interval
147.5	150.0				Bedrock - Green to Brown granodiorite