

Division of Water Resources App. No.

ARCADIS Sample/Core Log

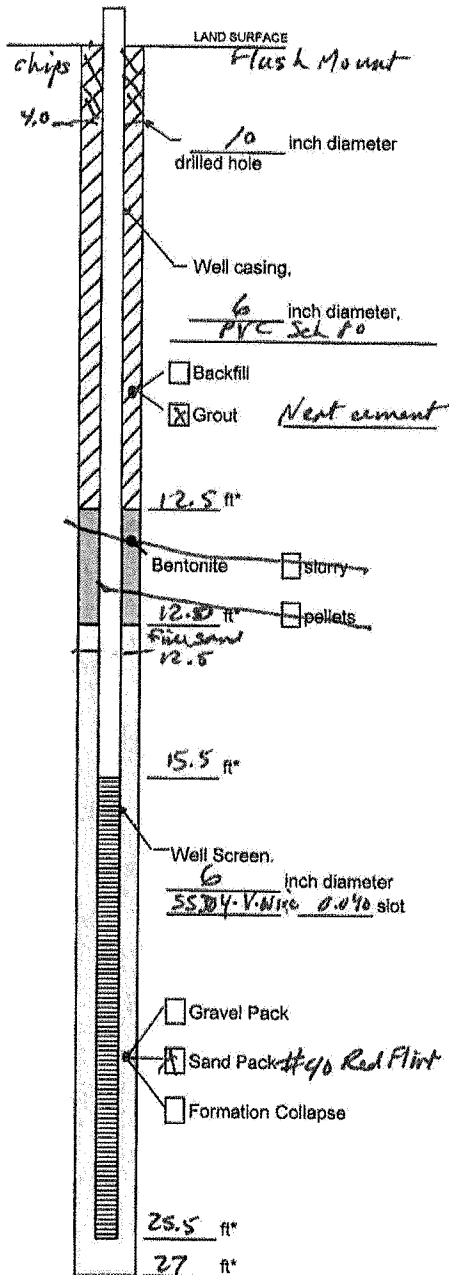
Boring/Well 1W-3 Project/No. 29086000 / K0001648.0001.00003 Page 1 of 1
 Site Location MAN I-135 S. 17 8/12 ST. Drilling Started 890 9/6/2013 Drilling Completed 1130 9/6/2013
 Total Depth Drilled 27 Feet Hole Diameter 10 inches Type of Sample/ Coring Device Core barrel
 Length and Diameter of Coring Device 10' x 4" Sampling Interval 10 feet
 Land-Surface Elev. 1300 feet ☐ Surveyed ☒ Estimated Datum GL
 Drilling Fluid Used Portable water Drilling Method Roto-sonic
 Drilling Contractor Cascade Drilling Driller Roy Buckenberger Helper Ron
 Prepared By Larry Benoitkin Hammer Weight Hammer Drop ins.

Sample/Core Depth (feet below land surface)		Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 Inches	Sample/Core Description
From	To			
Surf	5	—	—	Cleared by Hydro Vac - NOT SAMPLED OR LOGGED
5	15	16'	—	CL, lean clay, v. dk gray (10YR 3/1), stiff, slightly plastic, some brown (10YR 4/3) mottling, at 5' gravel to CL lean clay dk gray brown (10YR 3/2), medium stiff, slightly plastic, dry - at 8' CL as above with up to 10% fine sand and occasional gravel medium stiff, slightly plastic, dry - No PID hits through out
15	25	8'	—	CL, lean clay with sand, dk gray brown (10YR 4/2) some dk yell as above (10YR 4/5) mottling, est 10% fine sand at 16.9, grades to SC, interbedded sand (SP) fine sand and CL as above, moist to wet, 1-2 inch beds - at 18' - SW, well graded sand, fine to coarse grain, rounded no clear bedding, probable coarse SP layer from 24-24.2' wet, 100%, no PID response through out - brown 10YR 4/3
25	27	3'	—	SW, as above, 2-in layer of coarse SP poorly graded sand brown (10YR 4/3), rounded, from 26.1-26.3 - at 26.3' CL lean clay weathered shaly olive gray (5Y 5/2), stiff, non-plastic dry, fine bedding, no PID response -

ARCADIS

Well Construction Log

(Unconsolidated)



Measuring Point is
Top of Well Casing
Unless Otherwise Noted.

* Depth Below Land Surface

Project 29th & Grove (UPRA)
KCD01688.0001.00003 Well 1W-3
Town/City Wichita
County Sedgewick State KS
Permit No. KDOT 5-13-322

Land-Surface (LS) Elevation and Datum:

1300 feet ☐ Surveyed
☒ Estimated

Installation Date(s) 9/6/2013

Drilling Method Rotosonic

Drilling Contractor CASCADE DRILLING

Drilling Fluid Potable water

Development Technique(s) and Date(s)

Fluid Loss During Drilling ~ 550 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 Injection testing

Remarks _____

Prepared by Larry Benolken