

Division of Water Resources App. No.

[illegible]

ARCADIS

Sample/Core Log

Boring/Well 1W-1 Project/No. 29th f Core / K0001648.0000.0003 Page 1 of 1

Site Location S. of Murdock near I-135 Drilling Started 9/5/2013 Drilling Completed 9/5/2013

Total Depth Drilled 27' Feet Hole Diameter 10" inches Type of Sample/ Coring Device 10' core barrel

Length and Diameter of Coring Device 10' x 4" Sampling Interval 10' feet

Land-Surface Elev. 1301 feet ☐ Surveyed ☒ Estimated Datum GL

Drilling Fluid Used potable water from Wichita Fire ply Drilling Method Roto Sonar

Drilling Contractor Cascade Drilling Driller Roy Bordenberger Helper Ron

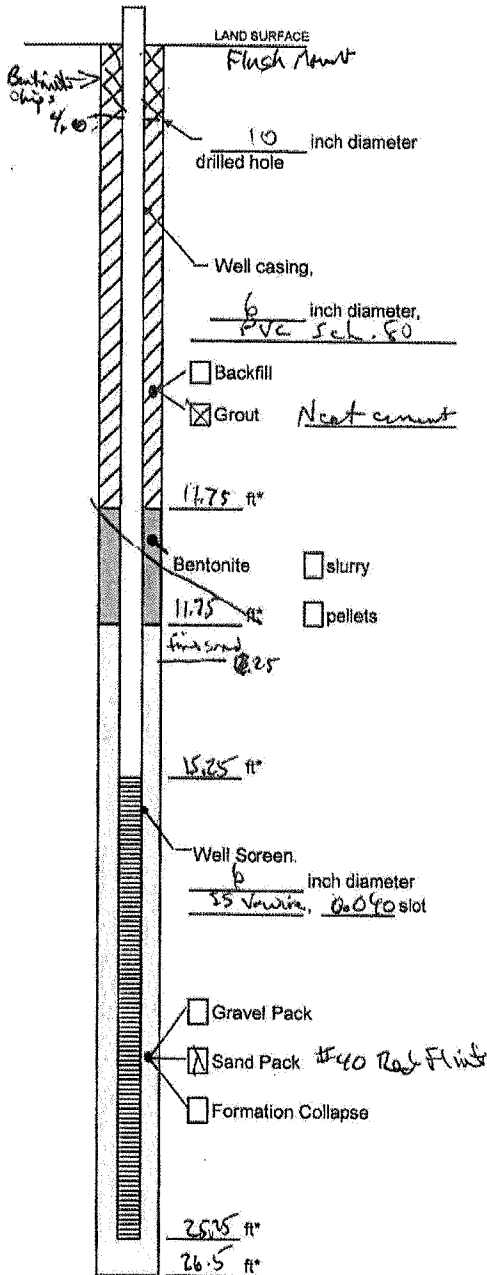
Prepared By Larry Benollen Hammer Weight NA Hammer Drop NA ins.

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'	NA	NA	Hydro knifed - not logged
5'	10'	6'	-	Cl, lean clay, v. dark grey bluish (10YR3/2), very stiff to stiff, slightly plastic, below 9.4' - some fine bedding noted, by slight color change, dry, no PID response
10'	15'	5.3'	-	Claystone at 11.4' - 12.2' interbedded sand SP dk. grey-brown (10YR4/4) up to 3" beds - with Cl, lean clay dk. grey brown 10YR3/2, medium stiff - moderately plastic, dry, SP is fine grained, loose, dry, no PID response @ 14.3' CH, fat clay dark grey brown (10YR3/2), soft, moderately plastic, moist, no PID response, at 14.1' - 1" lens of SP moist, no PID response at 15.0' - SP poorly graded sand yellow brown (10YR5/4), fine to med grain rounded sand, moist, loose, no PID response
15'	25'	9'	-	SW, well graded sand fine to coarse, grained yellow brown 10YR5/4 to brown 10YR4/3, loose, moist, wet below 16', ~4-6" lens of coarse SW fine ~17.5', no apparent bedding, no PID response, sand is rounded
25'	27'	3'	-	SP ab. above; at 25.5' sharp change to Cl lean clay (weathered shale) dk. grey (5Y5/2), v. stiff, non-plastic, poorly bedded, moist to dry, no PID response

ARCADIS

Well Construction Log

(Unconsolidated)



Project 29th St Storm (WPR)
KC001648.0001.00003 Well 1W-1
Town/City Wichita
County Sedgewick State KS
Permit No. KDOT 5-13-322

Land-Surface (LS) Elevation and Datum:

1301

feet

☐ Surveyed

☒ Estimated

Installation Date(s) 9/5/2013

Drilling Method Rotasonic

Drilling Contractor Cascade Drilling

Drilling Fluid Potable water - source

Wichita Fire hydrant

Development Technique(s) and Date(s)

Fluid Loss During Drilling 200 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 Benolkin