

6/28/2005
GRCC 03

Hope m

History of GWM-1

This well was installed on July 8, 2004 downgradient of the aeration basins at the Ciniza refinery in order to monitor the shallow groundwater used to detect potential leakage from the aeration basins. The following summarizes the sampling of this well and all analyses meet the NM WQCC standards except for the June 28, 2005 sample analysis for benzene which matched the .01 mg/l standard. Giant plans to resample this well on July 28 and analyze for the annual requirements of: general chemistry/VOC/SVOC/BTEX/MTBE/metals. We will report the results to OCD and NMED as soon as they are received. I will follow-up this email with a mailed hard copy that will include the installation daigram, the log of test boring, and the analytical results summarized below. Please note that the analyses completed on 7/28/04 identifies the well as EP-1 New Well which was before the well was officially designated as GWM-1.

Well GWM-1 sampling date	ug/l benzene	ug/l toluene	ug/l ethylbenzene	ug/l xylenes
6/28/2005	10	<2.5	3.5	41
2/15/2005	5	2.4	2.6	31
7/28/2004	<1	<1	1.5	3.4

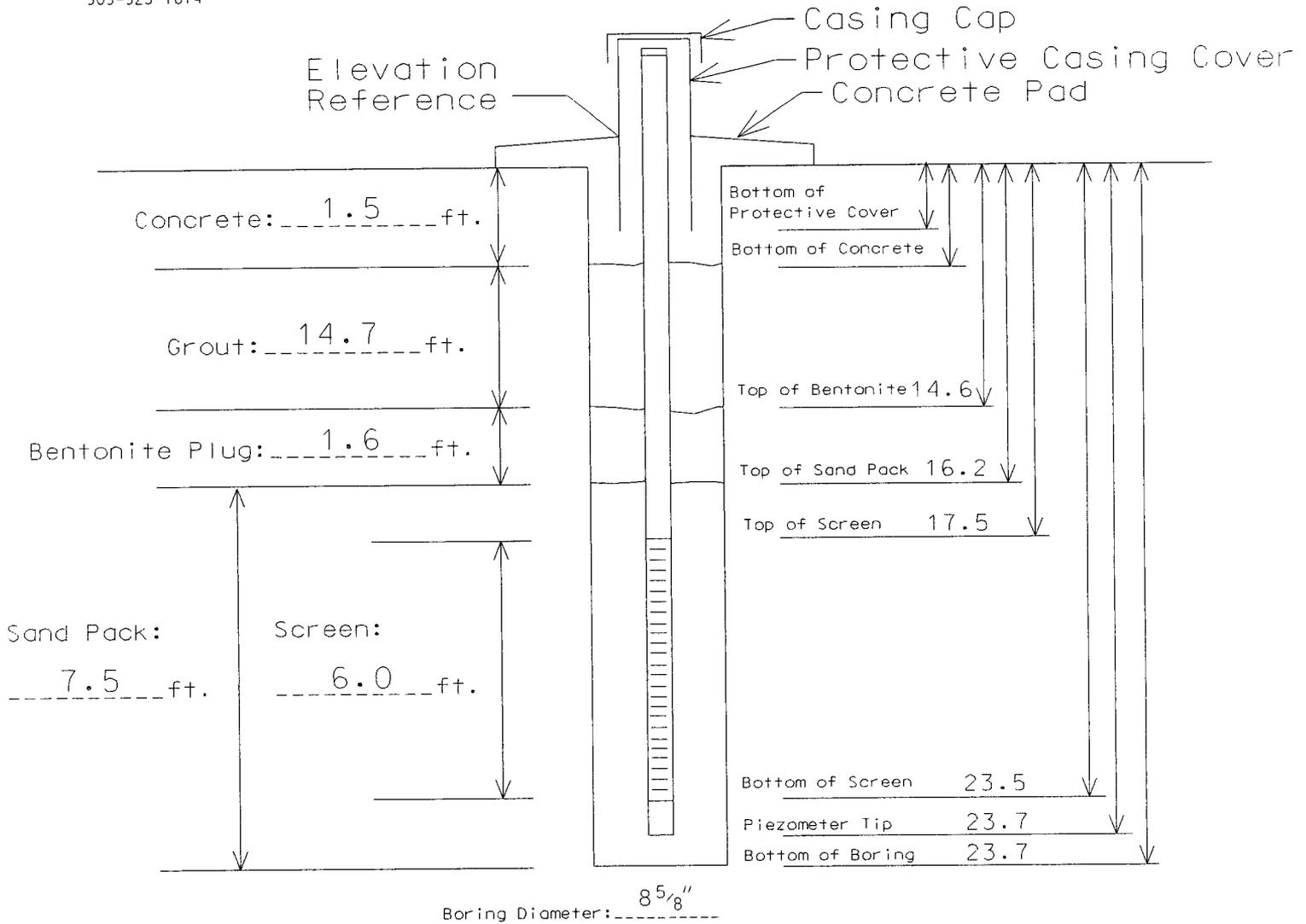




505-523-7674

Installation Diagram

Monitoring Well No. GWM-1



Sand Type: 20-40 SILICA

Boillards, Type/Size: NONE INSTALLED

Bentonite: 3/8" CHIPS

Screen Type/Size: 2", #10 SLOT, SCH 40 PVC

Cement/Grout: 6% BENTONITE/CEMENT

Riser Type/Size: 2", SCH 40 PVC

Water: NONE

Locking Expandable Casing Plug? YES

Site Northing: TBD

Other: ---

Bottom Cap Used? YES

Site Easting: TBD

Project #: 03-118

Project Name: POND 1 GROUNDWATER OBSERVATION

Elevation: TBD

