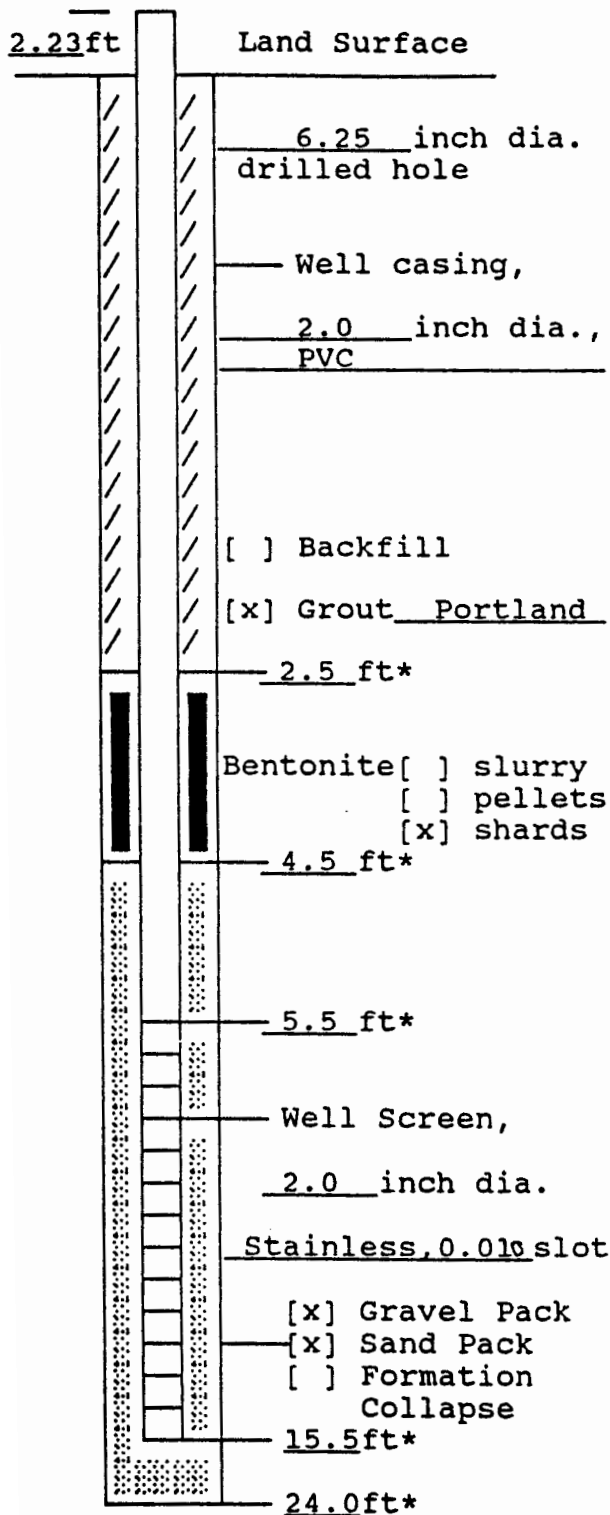


WELL CONSTRUCTION LOG



Measuring Point is Top of Well
Casing Unless Otherwise Noted.

NA = Not Applicable

* = Depth below land surface

Project OK1333RC01 Well GM4S

Town/City Augusta

County Butler State KS

Permit No. NA

Measuring Point(*) Elevation

[x] surveyed
[] estimated

(*) Measuring Point is top of casing

Installation Dates(s) 5/2/89

Drilling Method Hollow Stem Auger

Drilling Contractor J&R Drilling

Drilling Fluid NA

Development Techniques(s) and Dates(s)

Bailing; 5/5/89

Fluid Loss During Drilling NA gal

Water Removed During Dev. 2.0 gal

Static Depth to Water 14.92 ft below MP

Pumping Depth to Water NA ft below MP

Pumping Duration NA hours

Yield NA gpm Date

Specific Capacity NA gpm/ft

Well Purpose Ground-water monitoring

Remarks

Bentonite plug hydrated w/ distilled water.

Prepared by JPS

SAMPLE/CORE LOG

Boring/Well GM4S Project/No. OK1333RC01 Page 1 of 1

Site Location Augusta, KS Drilling Started 11:20 Drilling Completed 12:45

Total Depth Drilled 24.0 feet Hole Diameter 6.25 inches Type of Sample/
Coring Device Split Spoon

Length and Diameter of Coring Device 5'x 3.75" Sampling Interval Continuous feet

Land-Surface Elev. feet [☒] Surveyed [☐] Estimated Datum AMSL

Drilling Fluid Used None Drilling Method H.S. Auger

Drilling Contractor J&R Drilling Driller John Coons Helper Greg

Prepared By JPS Hammer Weight NA Hammer Drop NA inches

Smpl/Core Depth (ft BLS) From To Core Rec. (ft) Time/Hydraulic Press. or Blows/6 in.

Sample/Core Description

0.0	1.5	1.5	03	SILTY CLAY- drk. brn.-blk., abund. gravel, abund
				roots & organic material, Fe oxide staining,
				no odor.
1.5	4.0	2.5	01	CLAY- drk. brn.-brn., silty, dense, few roots,
				Fe oxide staining, few silty & sandy layers,
				no odor.
4.0	9.0	5.0		CLAY- drk. grey, silty, sl. pliable, Fe oxide
				staining, sl. damp, sl. hydrocarbon odor,
				<HNU at 5' = 5-10 ppm>.
9.0	14.0	5.0		CLAY- drk. grey, silty, sl. pliable, sl. damp,
				hydrocarbon odor, damp w/ hydrocarbons, <HNU at
				11' = 40-60 ppm>.
14.0	19.0	5.0		CLAY- drk. grey, silty, sl. pliable, sl. damp,
				hydrocarbon odor, damp w/ hydrocarbons,
				coarsening downward into silt, <HNU at 16' =
				50-100 ppm>.

SAMPLE/CORE LOG (Cont.d)

Boring/Well GM4S

Page 2 of 2

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[illegible]

Sample/Core Description

[illegible]