Monitoring Well Construction Form

Project:	Vandenberg AFB	Well Number:	9MCW10
Location:	Santa Barbara Co., Lompoc, California	Site Location:	SLC-4 West Surf Rd
Client:	Brooks AFB AFCEE	Installation Date:	03-27-2000
Subcontractor:	Water Development Corporation	Northing:	2,063,295.52
Driller:	Gary Whitley	Easting:	5,773,869.82
IT Field Representative:	Bruce Sibbett	NAD: 1983	NGVD: 1929
		IT Project #	779480

Protective Cover Elevation (ft): 287.87

Top of Casing Elv. (ft): 287.51

Top of Casing Stickup (ft): none

Land Surface Elv. (ft): 287.81

Approximate Diameter of Borehole (in): 11"

Well Casing Diameter (in): 5"

Well Type : (circle): PZ (MNW) TPW

Completion Method: HS

Geohydrologic Zone (circle): W

(W) (Watertable aquifer) A (Aquifer) C (Lower or Confined Aquifer)

Geohydrologic Flow Class. D

Sole Source Aquifer: UNK

Filter Pack Length 28.5

Location Proximity I

Construction Method HS

Depth to Water (ft):

During Drilling: 173.73'

Date: 3-29-2000

Post Development: 173.82 TOC

Date: 5-1-2000

Top of Bentonite Seal (ft): 154.

Top of Filter Pack (ft): 156.5'

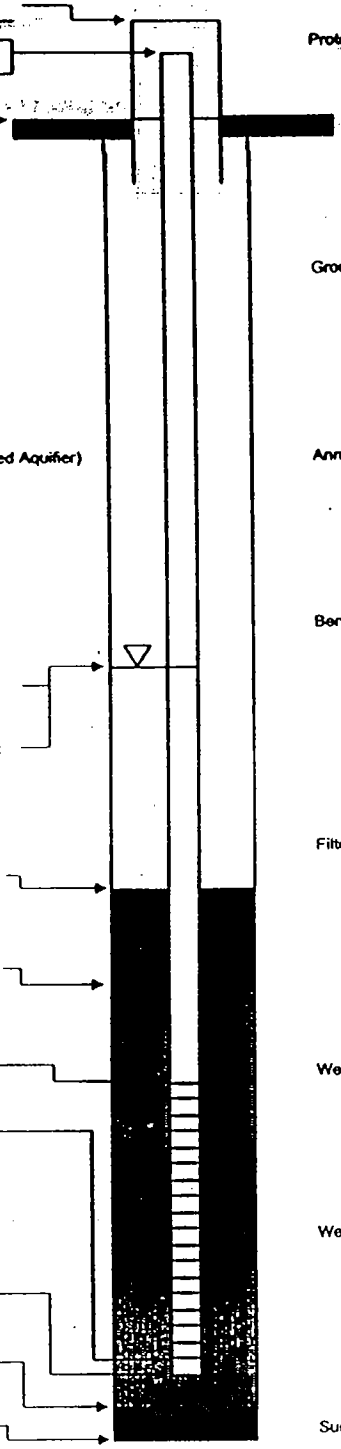
Top of Screen Interval (ft): 165.4

Bottom of Screen Interval (ft): 184.6

Bottom of Well (ft): 185. depth

Bottom of Filter Pack (ft): 185. depth

Bottom of Borehole (ft) 188.00 depth



Protective Casing:

Type: Flushmount

Dimensions (in): 12" dia.

Length (ft): 12"

Guard Post: none

Ground Seal (Surface Pad)

Dimensions: 4x4"

Type: Concrete

Annular Space Seal: CETCO Pure Gold

Type: ~~Bentonite Cement Grout~~

Installation: (Gravity) Tremie Pumped

Bentonite Seal:

Manufacturer: CETCO

Type: ~~Pellets~~ Chips ~~Slurry~~

Installation: 6-in lifts (One Section)

(Gravity) Tremie Pumped

Hydration time (hrs): 4.5

Filter Pack Material:

Manufacturer: RMC Pacific Mat.

Product Name: Lapis lustre

Size: 2/12

Volume Added (ft³): 13 cubic feet

Installation: (Gravity) Tremie

Well Casing:

Manufacturer: TIMCO

Type: 40 sch PVC

Diameter (in): 5"

Well Screen Casing:

Manufacturer: TIMCO

Type: Sch 40 PVC

Slot Size (in): 0.02 8.8 % open

Slot Type: Continous (Factory Slot)

2-5' Joints, one 10'

Sump/End Cap: 5" dia, 5" long PVC

Backfill Material:

Depth to bedrock (ft) 187.0

Elevation 100.81