Monitoring Well Construction Form

Project:	Vandenberg AFB	Well Number:	B MW12
Location:	Santa Barbara Co., Lompoc, California	Site Location:	North of SLC-4E
Client:	Brooks AFB AFCEE	Installation Date	3-29-2000
Subcontractor:	Water Development Corporation	Northing:	2065, 719.95
Driller:	Gary Whitley	Easting:	5776, 516.20
IT Field Representative:	Bruce Sibbett	NAD: 1983	NGVD: 1929
		IT Project #	779480

Protective Cover Elevation (ft): 310.52

Top of Casing Elv. (ft): 310.74

Top of Casing Stickup (ft): 2.2'

Land Surface Elv. (ft): 308.14

Approximate Diameter of Borehole (in): 11"

Well Casing Diameter (in): 4"

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

Completion Method: HS

Geohydrologic Zone (circle):
(W) (Watertable aquifer) A (Aquifer) C (Lower or Confined Aquifer)

Geohydrologic Flow Class. C

Sole Source Aquifer: UNK

Filter Pack Length 34.5'

Location Proximity I

Construction Method HS

Depth to Water (ft): 109.8' bgs

During Drilling:

Date: 3-30-2000

Post Development: 112.31 TOC

Date: 5-2-2000

Top of Bentonite Seal (ft): 97.00

Top of Filter Pack (ft): 100.5

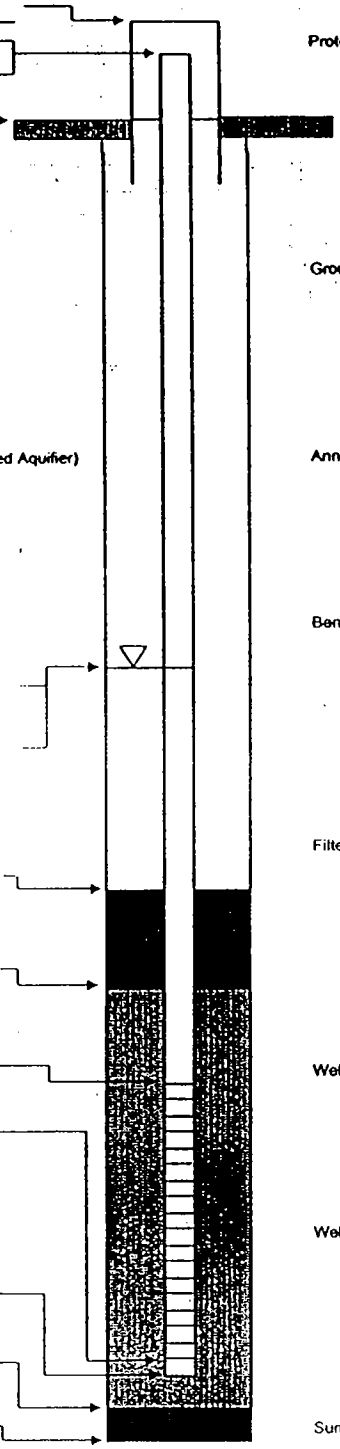
Top of Screen Interval (ft): 107.

Bottom of Screen Interval (ft): 131.5

Bottom of Well (ft): 132.0 depth

Bottom of Filter Pack (ft): 135. depth

Bottom of Borehole (ft) 137.00 depth



Protective Casing:
- Type: steel above ground
- Dimensions (in): 13" dia
- Length (ft): 5'
- Guard Post: 3 of 5' long

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): 2

Filter Pack Material:
- Manufacturer: RMC Pacific Mat.
- Product Name: Lapis Lustre
- Size: #2/12
- Volume Added (ft³): 18 cubic ft
- Installation: (Gravity) Tremie

Well Casing: Sinclair
- Manufacturer:
- Type: Sch 40 PVC
- Diameter (in): 4"

Well Screen Casing:
- Manufacturer: Boart Longyear
- Type: Sch 40 PVC
- Slot Size (in): 0.01 3.2 % open
- Slot Type: Continous Factory slot

Sump/End Cap: 5" long PVC

Backfill Material: Cuttings

Depth to bedrock (ft) 134.5

Elevation 173.64