

**Westbay
Well Summary**

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Location ID: WB-8 Field Representative(s): Kyle Summers

Date Started: 02/26/93 Date Completed: 03/10/93

Northing: 217794.98 Easting: 417643.72

Brass Cap: 4961.68 Outer Casing: 4961.96 Inner Casing: 4962.83

Drilling Method: Mud/Air Foam Rotary Drilling Contractor: Larjon Drilling Co.

Driller: J. Gower

Total Depth Borehole: 447' Total Depth Well Casing: 440'

Total Depth Surface Casing: 207'

Diameter Well Casing: 2" Diameter Surface Casing: 5"

Water Producing (packed-off) Intervals: 265 to 285

Water Producing (packed-off) Intervals: 310 to 330

Water Producing (packed-off) Intervals: 400 to 420

Water Zone(s) Detected: _____ Water Level Open Borehole: 256'

Water Level Cased Borehole: _____

Quik-Foam Use: 1,000 gallons mixed

Estimated Water Use: 4,000 gallons total <1,500 lost to formation.

Well Casing:

2in x 2ft SCD 80 PVC:	<u>1</u>	=	<u>2</u>	ft
2in x 5ft SCD 80 PVC:	<u>2</u>	=	<u>10</u>	ft
2in x 10ft SCD 80 PVC:	<u>40</u>	=	<u>400</u>	ft
5ft MP packer:	<u>6</u>	=	<u>30</u>	ft
Total SCD 80 PVC pipe:			<u>442</u>	ft

Regular coupling:	<u>38</u>
Pumping port coupling:	<u>3</u>
Measurement port coupling:	<u>7</u>
End cap: Top and bottom =	<u>2</u>
Casing Clamp:	<u>N/A</u>
Magnetic collar:	<u>3</u>

Surface Casing:

94# bags cement: 40 bags

50# bags bentonite powder: 4 bags

Pertinent Field Notes:

02/26/93 Drilled mud rotary to 107'.

03/01/93 Drilled from 107' to 195'.

03/02/93 Drilled mud rotary to 207' (Bedrock at 195').

03/03/93 Set 5" steel surface casing at 207' — grouted.

03/04/93 Drilled air hammer to 380' — Andesite.

03/05/93 Drilled air hammer to 445'. Air lift water for over 1.5 hrs. Formation producing ~4 gallons per minute. Demobilize.

03/08/93 Run geophysical logs.

03/09/93 Install Westbay casing.

03/10/93 Inflate packers.