

## HYDRAULIC CONDITIONS

Well name: BLM-37

Well location: SW 1/4 NW 1/4 NW 1/4 Sec. 9 T21S R3E

B.C. elev.: 4546.08'

Depth to water (first noted in drilling): Not observed Depth to water table (SS): 482.86'  
(following post-development recovery)

Formation at depth where water was first noted: Tertiary Santa Fe Group alluvium

Borehole diameter: 17.5"-12.25"

Total depth of borehole: 1020'

Type of well: Westbay® monitoring well retrofit within 4" stainless steel

Total depth of well: 920'(SS); 910'(WB)

Well diameter: 4.5" OD (SS);  
1.5" OD (WB)

Packed Westbay® interval(s): 485'-505', 635'-655', 745'-765', and 875'-895'

Lithologic description of screened or packed interval(s): Tertiary Santa Fe Group  
Alluvium

### Pertinent observations and/or interpretations:

The aquifer is unconfined.

### Pressure profile summary (Westbay®):

Regional depth to water is approximately 483' (indicated by similar water depth in all sampling zones). Consistent piezometric levels for the pressure profile (479'-488' below ground surface) indicate a single hydrostratigraphic unit. No distinct upward or downward gradients are apparent. The pressure profile indicates that all packers are inflated and functioning.

### Pertinent Information on conditions in surrounding wells:

(ie. potential comparisons)