

BILLINGS AREA INDIAN HEALTH SERVICE
PUBLIC LAW 86-121

1-94
364
45 gpm

W E L L L O G

Well Owner: Brian Hall IHS Project No.: BI-93-387
Well Location: ROUND BUTTE
Drilled By: CARTHIO DRILLING CO. Contract No.: 94-003
Date Well Started: 1-18-94 Date Well Completed: 1-26-94

Depth:	Description of Formation:
<u>0</u> to <u>110</u>	<u>SILTY CLAY</u>
<u>110</u> to <u>277</u>	<u>WET SILTY CLAY, SAND + COBBLES</u>
<u>277</u> to <u>279</u>	<u>BOULDERS</u>
<u>279</u> to <u>305</u>	<u>SILTY SAND + GRAVEL, + COBBLES</u>
	<u>(WET)</u>
<u>305</u> to <u>354</u>	<u>SAND, GRAVEL, COBBLES, BOULDERS</u>
	<u>(1/2 gpm)</u>
<u>354</u> to <u>364</u>	<u>GRAVEL, COBBLES + BOULDERS, SAND</u>
<u>364</u> to <u>370</u>	<u>+ A LITTLE SILT + WATER</u>
<u>364</u> to <u>370</u>	<u>WHITE + GREY CLAY</u>

SIZES AND MATERIALS USED

Note: All depth measurements are from ground level at the well site.

Top Casing Line: Nominal I.D. 6 Material STEEL
Depth Cased +2 to 364 Weight/Foot _____
Well Screen: Make _____ Type _____
Diameter _____ Slot Size _____ Length _____
Depth Screened _____ to _____
Packer Type _____ Depth To Packer _____
Tail Pipe Size & Length _____
Riser Pipe Size & Length _____
Gravel Pack: Material _____
Thickness _____ Depth _____ to _____
Development: Method AIR/WATER Depth 364 to _____
(Date/Time) Started 1-26-94 11:00 PM Finished 1-26-94 4:00 PM
Estimated Well Yield 45 gpm
Grout Envelope: Thickness 2 Depth Grouted 7 to 20
Disinfection: Method LIQUID CHLORINE

Total Depth to Bottom of Well (Drilling) 364 .
Total Length of Casing Installed 366 .
Total Length of Screen Installed _____ .
Total Well Development Time 4 hrs. .
Total Length of Grouting 13 .
TEST PUMP 3 hrs.

Notes: _____

Prepared By: Gary Carthio Date: 2-15-94

Concurrence
Drillers Signature: _____ Date: 2-15-94