

PLOTTED: 28 Oct 2011, 4:48pm, P:\Dan
 LAYOUT: Well Schematic
 CAD FILE: G:\Environ\120764-Eberline-LANL Wells\2.0 Tech Info\2.8 - Technical-CADD Figures\

TOTAL LENGTH
 CASING AND SCREEN (ft) 1189.7

DEPTH TO WATER
 AFTER WELL DEVELOPEMENT &
 AQUIFER TESTING (ft bgs) 1142.5 10/28/2011

DIAMETER OF BOREHOLE
20.0 (in.) FROM 0 TO 28.1 (ft bgs)
17.5 (in.) FROM 29.1 TO 490.0 (ft bgs)
16.0 (in.) FROM 490.0 TO 678.0 (ft bgs)
14.8 (in.) FROM 678.0 TO 923.0 (ft bgs)
12.5 (in.) FROM 923.0 TO 1015.0 (ft bgs)
13.4 (in.) FROM 1015.0 TO 1260.0 (ft bgs)

OUTER CEMENT SEAL TO (ft bgs)

SURFACE COMPLETION INFORMATION - PENDING
 PROTECTIVE CASING
 TYPE _____ (in) OD
 PAD AND PROTECTIVE POSTS INSTALLED _____
 CHECK FOR SETTLEMENT _____
 PAD MATERIAL _____
 REINFORCED WITH _____
 PAD DIMENSIONS (ft) (L) _____ (W) _____ (H) _____

16-in. CARBON STEEL CASING
 0 TO 686 (ft bgs)

12-in. CARBON STEEL CASING
 50 TO 1004 (ft bgs)

STAINLESS STEEL CENTRALIZERS USED
 YES AT 1157.2 (ft bgs) AND 1180.2 (ft bgs)

TYPE OF CASING
 MATERIAL PASSIVATED A304 STAINLESS STEEL
 ID (in.) 5.0 OD (in.) 5.6
 JOINT TYPE THREADED / COUPLED

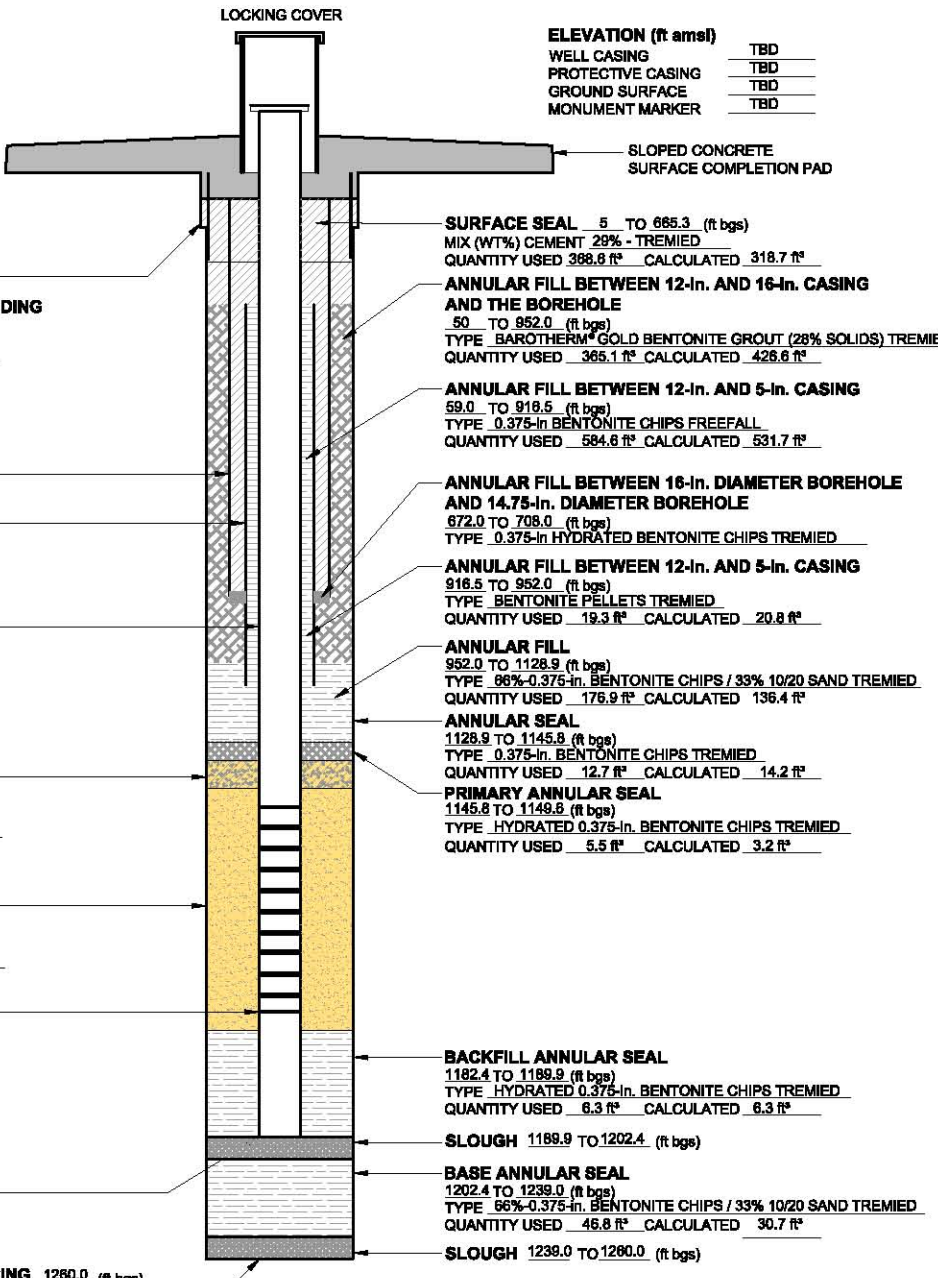
FINE SAND COLLAR
1149.6 TO 1152.6 (ft bgs)
 SIZE/TYPE 20/40 SILICA SAND
 QUANTITY USED 3.0 ft³ CALCULATED 2.5 ft³

PRIMARY FILTER PACK
1152.6 TO 1182.4 (ft bgs)
 SIZE/TYPE 10/20 SILICA SAND
 QUANTITY USED 46.5 ft³ CALCULATED 24.7 ft³

SCREENED INTERVAL 1158.4 TO 1179.1 (ft bgs)
 SCREEN TYPE A304 STAINLESS STEEL
 ID (in.) 5.0 OD (in.) 5.6
 SLOT SIZE 0.20
 JOINT TYPE THREADED / COUPLED

BOTTOM OF WELL CASING 1189.7 (ft bgs)

BOTTOM OF BORING 1260.0 (ft bgs)



WELL DEVELOPMENT BEGAN DATE <u>10/4/2011</u> TIME <u>13:40</u>	DEVELOPMENT METHOD <input checked="" type="checkbox"/> SWABBING <input checked="" type="checkbox"/> BAILING <input checked="" type="checkbox"/> PUMPING TOTAL PURGE VOLUME _____ gal.	FINAL PARAMETERS pH _____ TEMPERATURE (°C) _____ SPECIFIC CONDUCTANCE (µS/cm) _____ TURBIDITY (NTU) _____	WELL COMPLETION BEGAN DATE <u>9/22/2011</u> TIME <u>18:40</u> WELL COMPLETION FINISHED DATE <u>10/3/2011</u> TIME <u>14:20</u>
WELL DEVELOPMENT FINISHED DATE <u>IN PROGRESS</u> TIME _____			

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DATA AS OF 10/18/2011

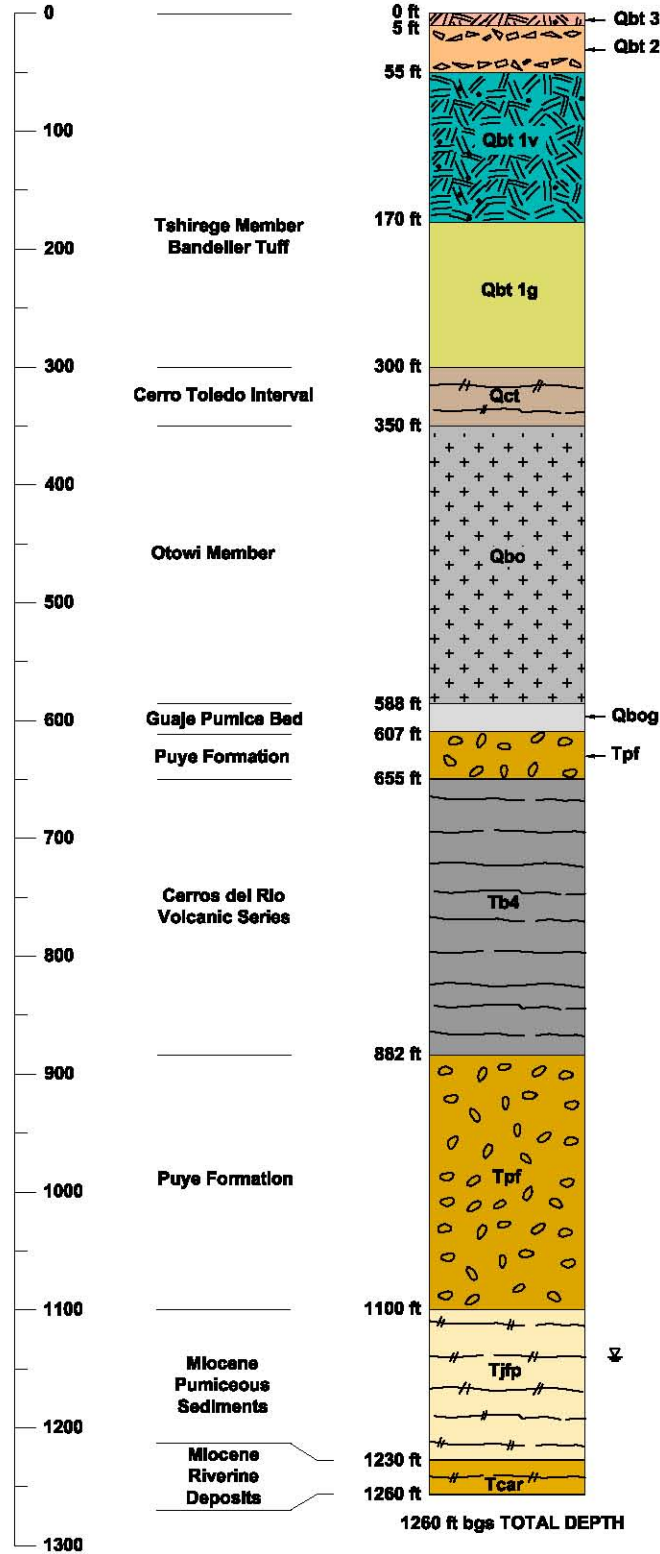
ATTACHED IMAGES:
 ATTACHED XREFS:
 ALBUQUERQUE, NM

PROJECT NO.	120764
DRAWN:	10/5/2011
DRAWN BY:	PD
CHECKED BY:	BB
FILE NAME:	120764 R-62.dwg

R-62 WELL CONSTRUCTION DIAGRAM (AS BUILT)	
TA-05 LOS ALAMOS NATIONAL LABORATORY LOS ALAMOS, NEW MEXICO	
ORIGINATOR: C. VALLEJO	DRAWING CATEGORY: 2
APPROVED BY: B. EVERETT	

FIGURE
FACT SHEET

DEPTH (FT BGS)



DRILLING INFORMATION

DRILLING COMPANY/PERSONNEL:
 YELLOW JACKET DRILLING
 S. EDWARDS
 Q. STEVENS
 L. McCAULEY
 A. LAMON
 M. PHILLIPS

DRILL RIG:
 FOREMOST DR-24 HD

DRILLING METHOD:
 FLUID ASSISTED AIR ROTARY
 FLUID ASSISTED DUAL ROTARY

DRILLING FLUID TYPE:
 WATER
 AIR
 _____ ft bgs _____ ft bgs
 AQF-2 FOAM
 _____ ft bgs _____ ft bgs

DRILLING START / FINISH:
 DATE: 7/30/11 TIME: 07:00
 DATE: 8/30/11 TIME: 08:18

GEOLOGISTS:
 EBERLINE
 J. MARIN

 KLEINFELDER
 C. VALLEJO
 D. KRUPICKA
 D. NEIDIGH
 E. SHANNON

Depth: 1142 ft Date: 8/29/2011

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R-62 WELL SUMMARY DATA SHEET BOREHOLE STRATIGRAPHY	
TA-05 LOS ALAMOS NATIONAL LABORATORY LOS ALAMOS, NEW MEXICO	
ORIGINATOR: B. EVERETT	DRAWING CATEGORY: 2
APPROVED BY:	

FIGURE

FACT SHEET