



TOTAL LENGTH
OF CASING AND SCREEN (FT) 1000.0

DEPTH TO WATER
FOLLOWING INSTALLATION (FT BGS) 960.4

DIAMETER OF BOREHOLE
16.75 (IN) FROM 0.0 TO 169.0 (FT BGS)
15.00 (IN) FROM 169.0 TO 649.0 (FT BGS)
12.75 (IN) FROM 649.0 TO 857.0 (FT BGS)
10.75 (IN) FROM 857.0 TO 1024.0 (FT BGS)

SURFACE COMPLETION (Proposed)
PROTECTIVE CASING
TYPE STEEL SIZE (IN) 10
PROTECTIVE POSTS INSTALLED YES
SURFACE SEAL AND PAD
CHECK FOR SETTLEMENT YES
PAD MATERIAL CONCRETE
REINFORCED WIRE MESH
PAD DIMENSIONS (FT) 10 (L) 10 (W) 0.5 (H)

SURFACE SEAL 3.0 TO 300.6 (FT BGS)

HYDRATED BENTONITE CHIP SEAL 300.6 TO 918.4 (FT BGS)

FINE SAND COLLAR 918.4 TO 922.5 (FT BGS)

FILTER PACK 922.5 TO 941.5 (FT BGS)

SCREENED INTERVAL 928.0 TO 937.7 (FT BGS)

FINE SAND COLLAR 941.5 TO 943.9 (FT BGS)

BENTONITE SEAL 943.9 TO 957.4 (FT BGS)

FINE SAND COLLAR 957.4 TO 960.1 (FT BGS)

FILTER PACK 960.1 TO 980.2 (FT BGS)

SCREENED INTERVAL 965.3 TO 975.0 (FT BGS)

FINE SAND COLLAR 980.2 TO 982.2 (FT BGS)

BOTTOM OF CASING 997.1 (FT BGS)

BENTONITE SEAL 982.2 TO 1002.4 (FT BGS)

SLOUGH 1002.4 TO 1024.0 (FT BGS)

BOTTOM OF BORING 1024.0 (FT BGS)

LOCKING COVER

ELEVATIONS (FT AMSL)
WELL CAP TBD
PROTECTIVE CASING TBD
GROUND SURFACE TBD
MONUMENT MARKER TBD

SLOPED CONCRETE PAD/SURFACE

16 IN CASING/SHOE
154.0 TO 169.0 FT BGS

SURFACE SEAL
MIX (WT%) CEMENT 97-98 BENTONITE 2-3
QUANTITY USED 454.2 FT³ CALCULATED 367.6 FT³

TYPE OF CASING
MATERIAL STAINLESS-STEEL
ID (IN) 5.00 OD (IN) 5.56 (5/16)
JOINT TYPE FLUSH WELDED

HYDRATED BENTONITE SEAL
FORM 3/8 IN CHIP
QUANTITY USED 659.9 FT³ CALCULATED 552.2 FT³

12 IN CASING/SHOE
850.0 TO 857.0 FT BGS

FINE SAND COLLAR
SIZE/TYPE 20/40 SILICA
QUANTITY USED 2.5 FT³ CALCULATED 2.0 FT³

FILTER PACK SAND
SIZE/TYPE 10/20 SILICA
QUANTITY USED 47.0 FT³ CALCULATED 8.9 FT³

FINE SAND COLLAR
SIZE/TYPE 20/40 SILICA
QUANTITY USED 0.8 FT³ CALCULATED 1.1 FT³

TYPE OF SCREEN(S)
MATERIAL STAINLESS-STEEL
ID (IN) 5.00 OD (IN) 5.88 (5/16)
SLOT SIZE (IN) 0.020 JOINT TYPE WELDED

BENTONITE SEAL
FORM 3/8 IN CHIP
QUANTITY USED 3.6 FT³ CALCULATED 5.4 FT³

FINE SAND COLLAR
SIZE/TYPE 20/40 SILICA
QUANTITY USED 2.8 FT³ CALCULATED 2.3 FT³

FILTER PACK SAND
SIZE/TYPE 10/20 SILICA
QUANTITY USED 52.8 FT³ CALCULATED 9.4 FT³

FINE SAND COLLAR
SIZE/TYPE 20/40 SILICA
QUANTITY USED 1.0 FT³ CALCULATED 1.0 FT³

BENTONITE SEAL
FORM 1/4 IN PELLET
QUANTITY USED 10.2 FT³ CALCULATED 10.4 FT³

STAINLESS-STEEL CENTRALIZERS
USED YES AT 2.0 FT ABOVE AND
BELOW WELL SCREENS

WELL COMPLETION BEGAN
DATE 03/08/09 TIME 0945
WELL COMPLETION FINISHED
DATE 03/19/09 TIME 1800

TerranearPMC

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R-41 As-Built Well Construction Diagram

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FACT SHEET

NOT TO SCALE