TA03

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Los Alamos
NATIONAL LABORATORY
EST 1943

Environmental Programs
P.O. Box 1663, MS M991
Los Alamos, New Mexico 87545
(505) 606-2337/FAX (505) 665-1812

National Nuclear Security Administration
Los Alamos Site Office, MS A316
Environmental Restoration Program
Los Alamos, New Mexico 87544
(505) 667-4255/FAX (505) 606-2132

Date: MAR 15 2010
Refer To: EP2010-0142

James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

RECEIVED
MAR 2010
NMED Hazardous Waste Bureau

Subject: Submittal of the Well Completion Summary Fact Sheets for R-50

Dear Mr. Bearzi:

Enclosed please find two hard copies with electronic files of the Well Completion Summary Fact Sheets for Well R-50. This submittal is in accordance with the Consent Order Schedule of Deliverables (Table XII-4).

If you have any questions, please contact Ted Ball at (505) 665-3996 (tedball@lanl.gov) or Tom Whitacre at (505) 665-5042 (twhitacre@doeal.gov).

Sincerely,

Bruce Schappell, Executive Director
Environmental Programs – Recovery Act Projects
Los Alamos National Laboratory

Sincerely,

Everett Trollinger, Federal Project Director
Environmental Projects – ARRA
Los Alamos Site Office

33263

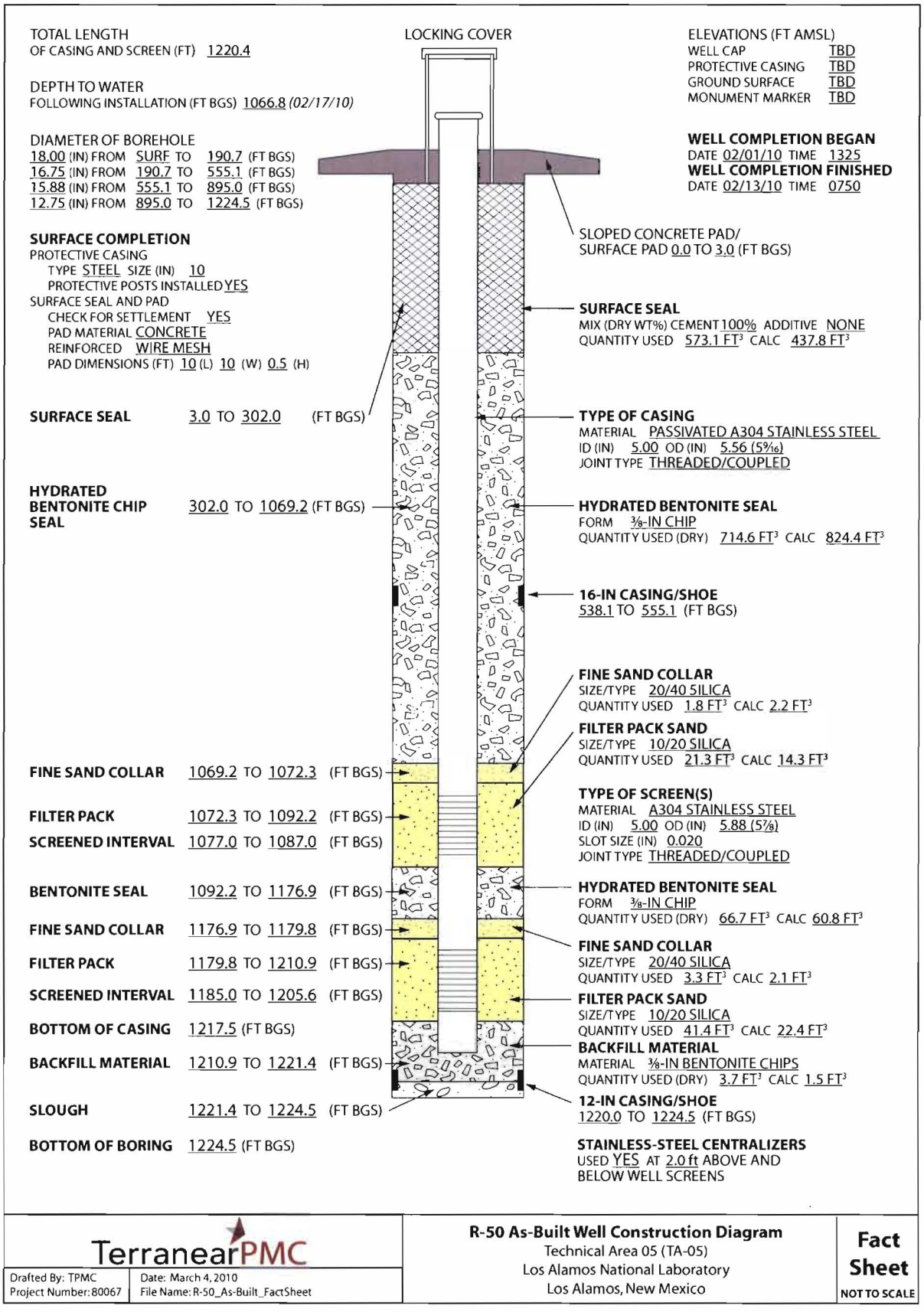
MG/DG/TB/ME:sm

Enclosures: Two hard copies with electronic files – Well Summary Data Sheet R-50 Borehole Stratigraphy and R-50 As-Built Well Construction Diagram (LA-UR-10-1425)

Cy: (w/enc.)
Neil Weber, San Ildefonso Pueblo
Tom Whitacre, DOE-LASO, MS A316
Hai Shen, DOE-LASO, MS A316
Mark Everett, EP-TS-DO, MS M992
RPF, MS M707 (with two CDs)
Public Reading Room, MS M992

Cy: (Letter and CD only)
Laurie King, EPA Region 6, Dallas, TX
Steve Yanicak, NMED-DOE-OB, MS M894
Steve White, TerranearPMC, Los Alamos, NM
Kristine Smeltz, EP-WES, MS M992

Cy: (w/o enc.)
Tom Skibitski, NMED-OB, Santa Fe, NM
Annette Russell, DOE-LASO (date-stamped letter emailed)
Ted Ball, EP-ARRA Project, MS M992
Michael J. Graham, ADEP, MS M991
IRM-RMMSO, MS A150 (date-stamped letter emailed)

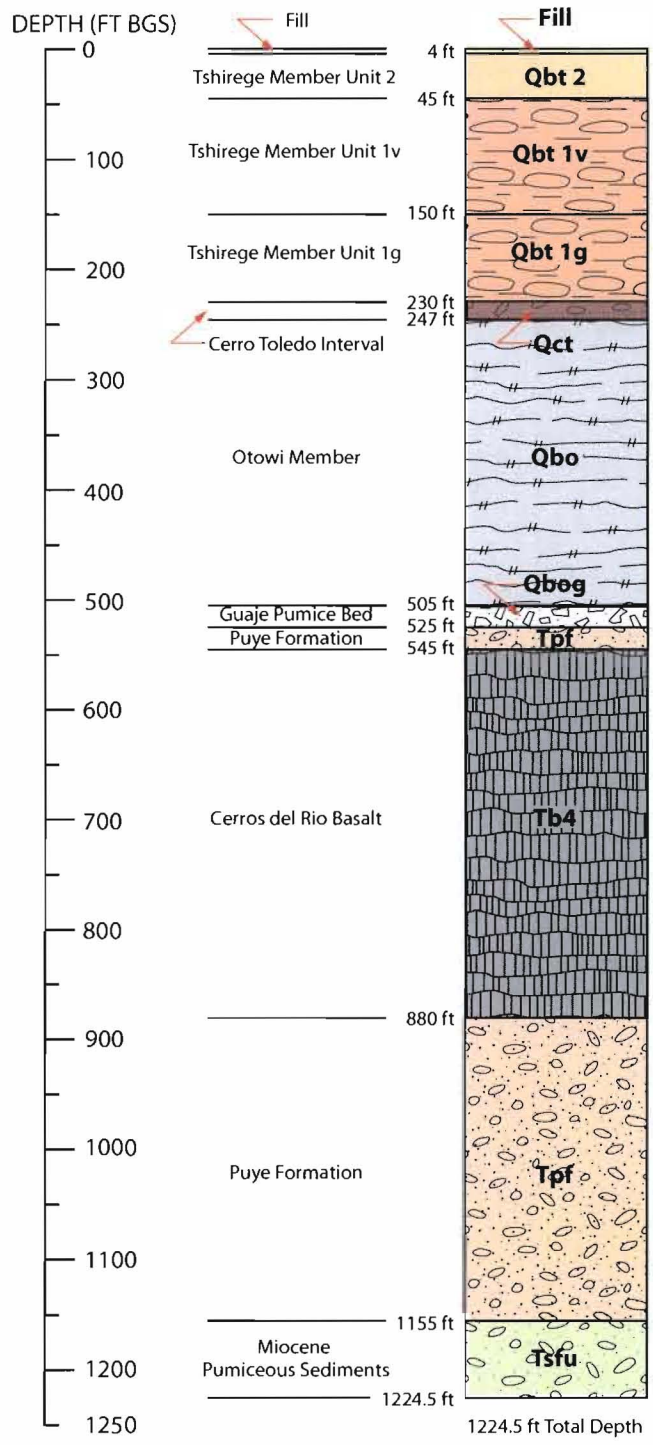


TerranearPMC

Drafted By: TPMC | Date: March 4, 2010
Project Number: 80067 | File Name: R-50_As-Built_FactSheet

R-50 As-Built Well Construction Diagram
Technical Area 05 (TA-05)
Los Alamos National Laboratory
Los Alamos, New Mexico

Fact Sheet
NOT TO SCALE



DRILLING INFORMATION

DRILLING COMPANY/PERSONNEL:
Boart Longyear
C Seal, M. Cross

DRILL RIG: Foremost DR-24HD

DRILLING METHOD:
☒ DUAL ROTARY

DRILLING FLUID TYPE:

0–960 ft bgs	960–1224.5 ft bgs
☒ WATER	☒ WATER
☒ AIR	☒ AIR
☒ AQF-2 FOAMING AGENT	

DRILLING START/FINISH:
DATE: 12/05/2009 TIME: 1740
DATE: 01/25/2010 TIME: 0405

▼ 1066.8 ft bgs (02/17/10)
(post well installation)

TerranearPMC

Drafted By: TPMC
Project Number: 80067

Date: March 10, 2010
Filename: R50_Lithology_FactSheet

WELL SUMMARY DATA SHEET
R-S0 Borehole Stratigraphy
Technical Area 05 (TA-05)
Los Alamos National Laboratory
Los Alamos, New Mexico

Fact Sheet
NOT TO SCALE