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**DEPARTMENT OF ENERGY**  
Environmental Management Los Alamos Field Office (EM-LA)  
Los Alamos, New Mexico 87544

Mr. John E. Kieling  
Bureau Chief  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, NM 87505-6303

JUN 1 2 2019



Dear Mr. Kieling:

Subject: Fact Sheets for Regional Well R-70 (RG 97398)

Enclosed please find two hard copies with electronic files of the Fact Sheets for Regional Well R-70. Well R-70 was completed on May 17, 2019.

Monitoring well R-70 was installed under the October 2018 "Drilling Work Plan for Chromium Groundwater Project Regional Aquifer Monitoring Well R-70" (EM2018-0068), approved by the New Mexico Environment Department (NMED) on November 21, 2018. The well completion report will be submitted by October 14, 2019, which is 150 days after the completion date of May 17, 2019.

If you have any questions, please contact Mark Everett at (505) 309-1367 (mark.everett@em-la.doe.gov) or Cheryl Rodriguez at (505) 665-5330 (cheryl.rodriguez@em.doe.gov).

Sincerely,

Arturo Q. Duran  
Compliance and Permitting Manager  
Environmental Management  
Los Alamos Field Office

Enclosures:

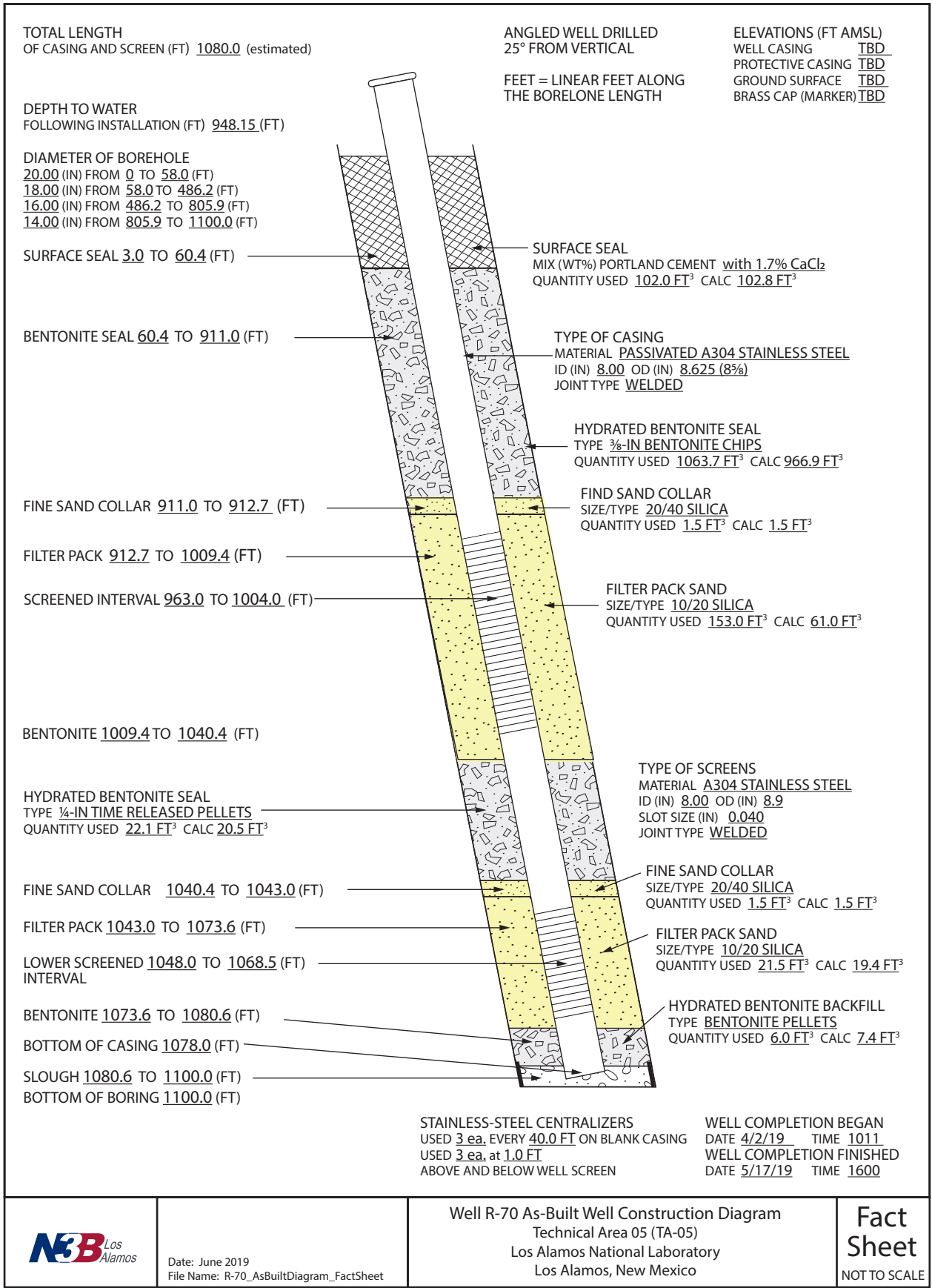
- 1. Two hard copies with electronic files – Fact Sheets for Regional Well R-70 (EM2019-0208)

cc (letter and enclosure[s] emailed):  
L. King, EPA Region 6, Dallas, TX  
R. Martinez, San Ildefonso Pueblo, NM



D. Chavarria, Santa Clara Pueblo, NM  
S. Yanicak, NMED  
E. Day, N3B  
E. Evered, N3B  
M. Everett, N3B  
C. Goetz, N3B  
F. Johns, N3B  
D. Katzman, N3B  
J. Legare, N3B  
D. Lindsay, N3B  
F. Lockhart, N3B  
G. Morgan, N3B  
B. Robinson, N3B  
S. White, N3B  
A. Duran, EM-LA  
T. McCrory, EM-LA  
D. Nickless, EM-LA  
D. Rhodes, EM-LA  
C. Rodriguez, EM-LA  
H. Shen, EM-LA  
emla.docs@em.doe.gov  
N3B Records  
Public Reading Room (EPRR)  
PRS Website

EM-LA-40AD-00464

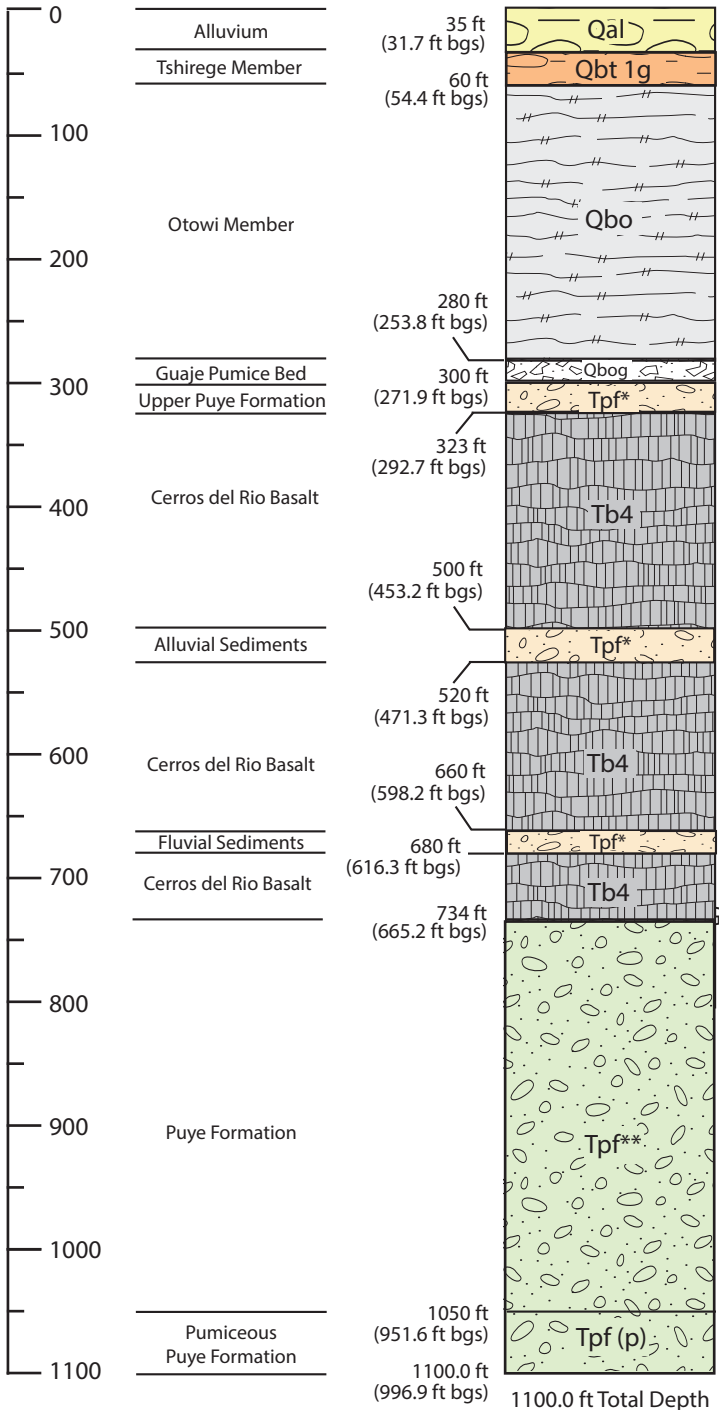


Date: June 2019  
 File Name: R-70\_AsBuiltDiagram\_FactSheet

Well R-70 As-Built Well Construction Diagram  
 Technical Area 05 (TA-05)  
 Los Alamos National Laboratory  
 Los Alamos, New Mexico

**Fact Sheet**  
 NOT TO SCALE

**DEPTH  
(LINEAR FT, ALONG BORING)**



**DRILLING INFORMATION**

**DRILING COMPANY PERSONNEL:**  
 Holt Services  
 D. Sandy, C. Perry, J. Arfman,  
 R. Ostler, A. Ensign

**DRILL RIG:**  
 Foremost DR-24HD

**DRILLING METHOD:**  
 0-1100.0 ft bgs: DUAL ROTARY WITH CASING ADVANCE

**DRILLING FLUID TYPE:**  
 0-1100.0 ft bgs  
 AIR, WATER, AQF-2 FOAMING AGENT

DATE: 03/08/19 1126h  
 DATE: 03/26/19 1645h

**START/FINISH:**

948.7 ft (03/27/19)  
 (859.8 ft bgs)  
 (prior to well installation)

Angled well drilled 25° from vertical. Contact depths are in linear feet along borehole length. Parenthetical depths are calculated projections to vertical depths.

\* Puye-like sediments above and within Tb4 <3 million years.  
 \*\* Puye formation sediments below Tb4 >3 million years.

	Date: June 2019 File Name: R-70_Lithology_FactSheet	Well Summary Data Sheet R-70 Borehole Stratigraphy Technical Area 05 (TA-05) Los Alamos National Laboratory Los Alamos, New Mexico	<b>Fact Sheet</b>  NOT TO SCALE
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