



*Associate Directorate for Environmental Management*

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Date: **AUG 18 2016**

Refer To: ADEM-16-5212

LAUR: 16-26213

Locates Action No.: n/a

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

**Subject: Submittal of the Fact Sheets for CrIN-5**

Dear Mr. Kieling:

Enclosed please find two hard copies with electronic files of the fact sheets for injection well CrIN-5. Injection well CrIN-5 was completed on July 24, 2016. CrIN-5 was installed under the December 2015 Drilling Work Plan for Chromium Plume Control Interim Measure and Plume-Center Characterization Injection Wells CrIN-1 through CrIN-6, approved with modifications by the New Mexico Environment Department (NMED) on January 22, 2016. The well completion report for injection wells CrIN-1 through 6 will be submitted 150 days after the last well is NMED-complete.

If you have any questions, please contact Stephani Swickley at (505) 606-1628 (sfuller@lanl.gov) or Cheryl Rodriguez at (505) 665-5330 (cheryl.rodriguez@em.doe.gov).

Sincerely,

Bruce Robinson, Program Director  
Environmental Remediation Program  
Los Alamos National Laboratory

Sincerely,

David S. Rhodes, Director  
Office of Quality and Regulatory Compliance  
Environmental Management  
Los Alamos Field Office

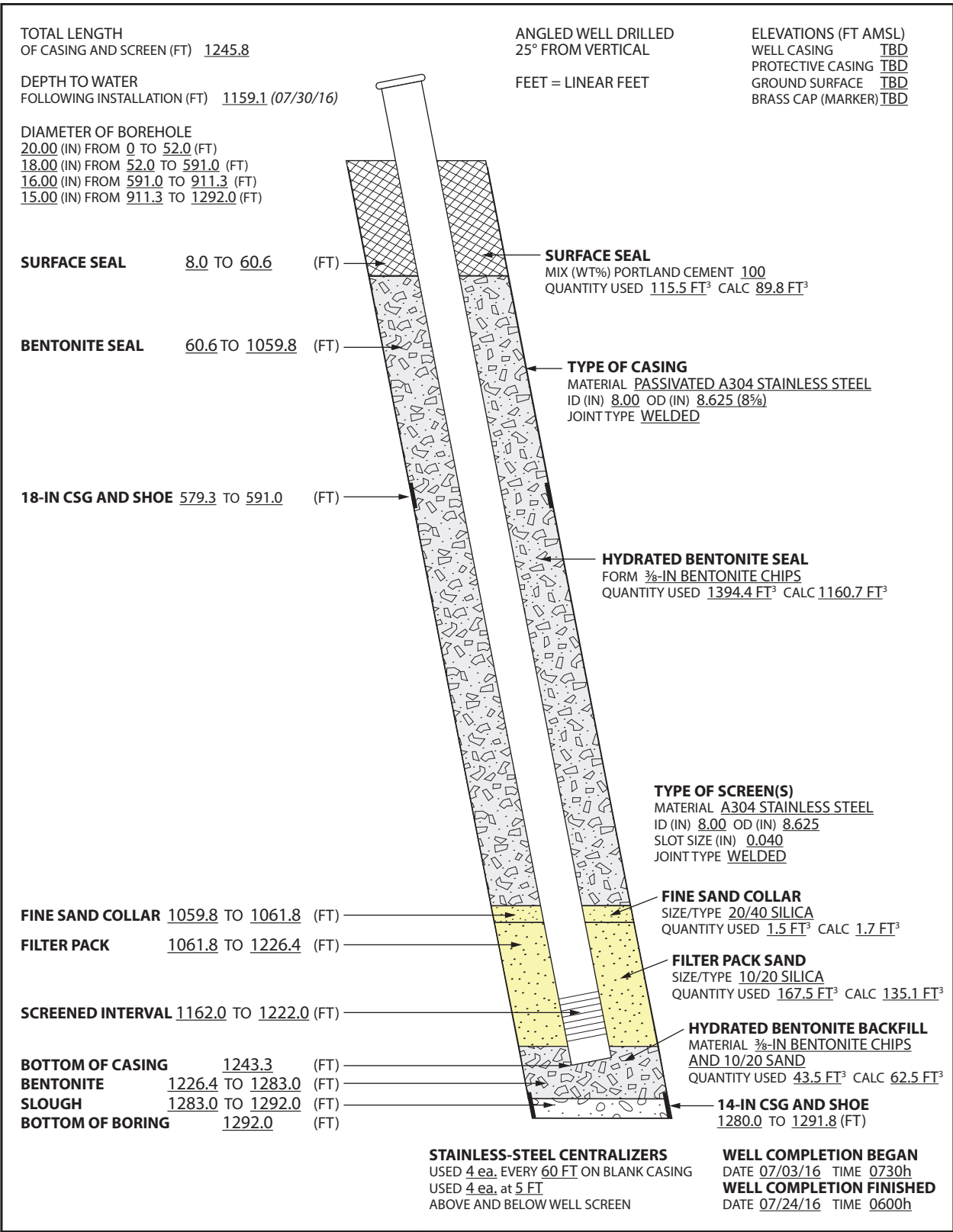
BR/DR/SS:sm

Enclosures: Two hard copies with electronic files – Fact Sheets for CrIN-5 (EP2016-0106)

Cy: (w/enc.)  
Cheryl Rodriguez, DOE-EM-LA  
Stephani Swickley, ADEM ER Program

Cy: (w/electronic enc.)  
Laurie King, EPA Region 6, Dallas, TX  
Raymond Martinez, San Ildefonso Pueblo  
Dino Chavarria, Santa Clara Pueblo  
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emla.docs@em.doe.gov  
Steve White, ADEP ER Program (w/ MS Word files on CD)  
Ted Ball, ADEP ER Program  
Danny Katzman, ADEP ER Program  
Public Reading Room (EPRR)  
ADESH Records  
PRS Database

Cy: (w/o enc./date-stamped letter emailed)  
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Kimberly Davis Lebak, DOE-NA-LA  
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Jocelyn Buckley, ADESH-EPC-CP  
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John McCann, ADESH-EPC-DO  
Michael Brandt, ADESH  
William Mairson, PADOPS  
Craig Leasure, PADOPS

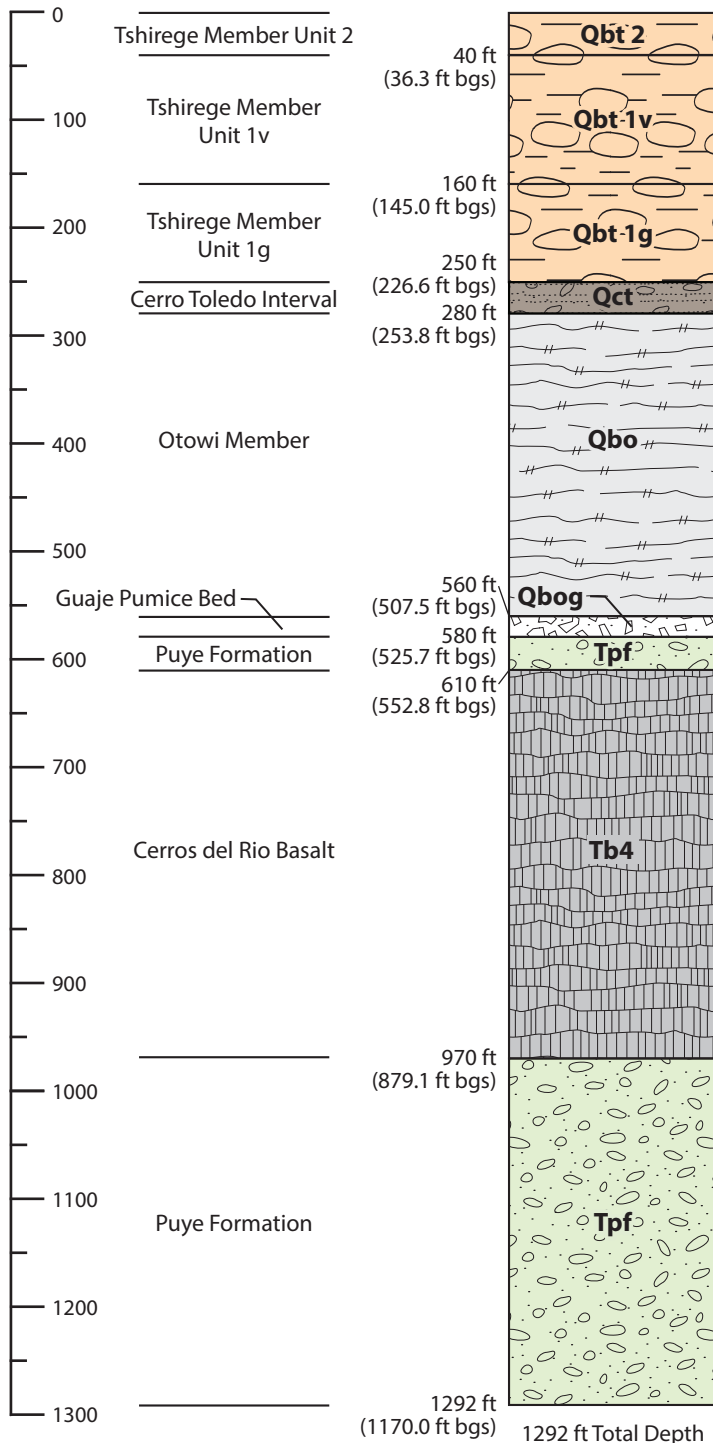


Prepared by: PTM  
 Date: August 8, 2016  
 File Name: CrIN-5\_AsBuiltDiagram\_FactSheet

**Well CrIN-5 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)



**DRILLING INFORMATION**

**DRILLING COMPANY/PERSONNEL:**

Holt Services  
D. Sandy, R. Stadel, M. McCoy

**DRILL RIG:**

Foremost DR-24HD

**DRILLING METHOD:**

☒ 0-1292 ft bgs: DUAL ROTARY WITH CASING ADVANCE

**DRILLING FLUID TYPE:**

0-1292 ft bgs  
AIR, WATER, AQF-2 FOAMING AGENT, EZ-MUD POLYMER

**DRILLING START/FINISH:**

DATE: 06/09/16 0730  
DATE: 07/01/16 0630

▼ 1156.8 ft (07/01/16)  
(1048.4 ft bgs)  
(prior to well installation)

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



Prepared by: PTM  
Date: August 12, 2016  
File Name: CrIN-5\_Lithology\_FactSheet

**Well Summary Data Sheet**  
**CrIN-5 Borehole Stratigraphy**  
Technical Area 05 (TA-05)  
Los Alamos National Laboratory  
Los Alamos, New Mexico

**Fact Sheet**  
**NOT TO SCALE**