



CAMECO RESOURCES
Smith Ranch-Highland
Operation
Mail:
P.O. Box 1210
Glenrock, WY
82637 USA

Tel: (307) 358-6541
Fax: (307) 358-4533
www.cameco.com

March 2, 2012

Mr. Lowell Spackman, District I Supervisor
Land Quality Division
Wyoming Department of Environmental Quality
122 W. 25th Street
Cheyenne, WY 82002

CERTIFIED MAIL #7011 0470 0001 0202 1590 RETURN RECEIPT REQUESTED

RE: Excursion at Monitor Well JM-007, Cameco Resources, Permit No. 603

Dear Mr. Spackman:

Pursuant to WDEQ/LQD Chapter 11 regulations, Section 8.4 of the Operations Plan for Permit 603 and NRC License SUA-1548 Condition No. 11.5 for the Highland Uranium Project, Power Resources, Inc. d/b/a/ Cameco Resources (Cameco) is providing written notification that Monitor Well JM-007 went back on excursion status February 29, 2012. Confirmation monitoring results were received on March 2, 2012. Ms. Pam Rothwell with WDEQ/LQD and Mr. Doug Mandeville with the NRC were verbally notified by telephone on March 2, 2012.

Analytical results of March 1, 2012 for the routine sample taken on February 29, 2012 indicated a potential exceedance in all three parameters (chloride, alkalinity and conductivity). Cameco collected a confirmation sample from the well and analyzed it with a quality assurance duplicate on March 2, 2012. Results of the laboratory analyses confirmed the exceedance of Upper Control Limit (UCL) parameters as shown below.

Sample Date	Chloride (mg/L)	Alkalinity (mg/L CaCO ₃)	Conductivity (µMhos/cm)
	UCL 18	UCL 230	UCL 769
2-29-2012	23	256	824
3-2-2012	23	257	801

TSM20

Monitor Well JM-007 is located in Mine Unit J as illustrated on the attached map. Cameco is investigating the cause of the excursion event and will share finding with LQD in the next monthly excursion update. The excursion at monitor well JM-007 will be identified on the Cameco Resources site map.

Pursuant to WDEQ/LQD Chapter 11, Section 2, a duly authorized representative certification is attached.

Please feel free to contact me at (307) 358-6541 ext. 476 or at Kenneth_Garoutte@cameco.com if you have any questions.

Sincerely,



Ken Garoutte
Safety, Environmental, Health and Quality (SHEQ) Manager

KG/vg


Attachment: 1) Map
2) Duly Authorized Representative Certification

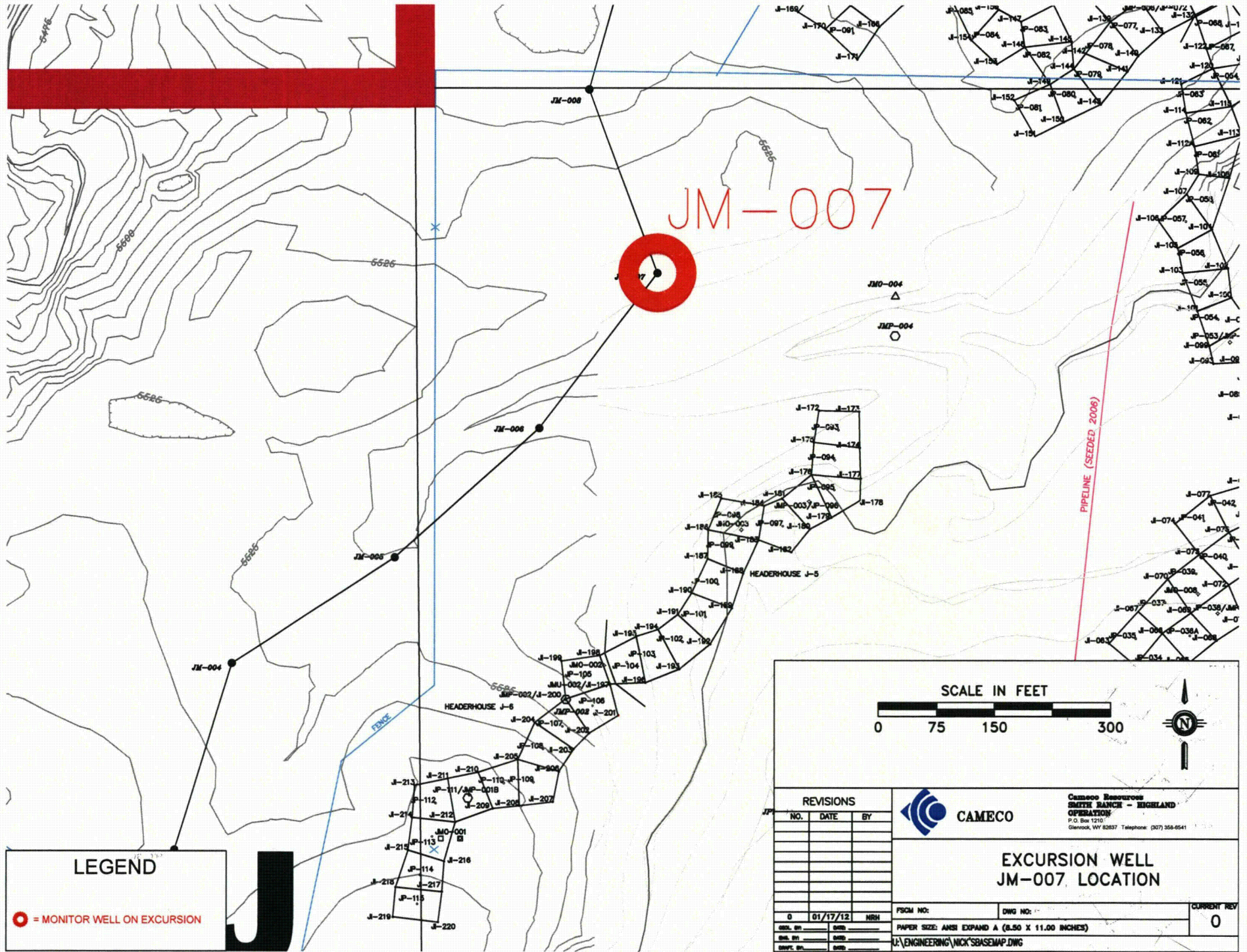
cc: File HUP 4.3.3.1
Special Volume: Excursion Status Reports
Doug Mandeville, NRC Certified Mail #7011 0470 0001 0202 1606
Document Control Desk, NRC Certified Mail #7011 0470 0001 0202 1613

ec: CR-Cheyenne

Duly Authorized Representative Certification

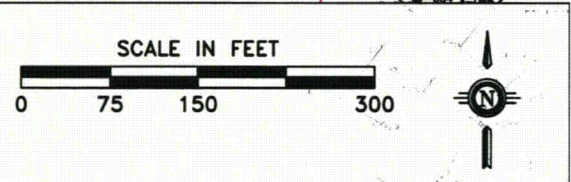
I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for known violations.

 3.2.12
Duly Authorized Representative: Brent Berg Date:



LEGEND

= MONITOR WELL ON EXCURSION



REVISIONS		
NO.	DATE	BY

CAMECO Resources
SMITH RANCH - HIGHLAND OPERATION
P.O. Box 1210
Glenock, WY 82837 Telephone: (307) 358-6541

**EXCURSION WELL
JM-007, LOCATION**

PSCM NO:		DWG NO: 1		CURRENT REV
PAPER SIZE: ANSI EXPAND A (8.50 X 11.00 INCHES)		0		
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