

**CAMECO RESOURCES  
CROW BUTTE OPERATION**



**86 Crow Butte Road  
P.O. Box 169  
Crawford, Nebraska 69339-0169**

**(308) 665-2215  
(308) 665-2341 – FAX**

April 12, 2013

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

Michael Linder, Director  
Nebraska Department of Environmental Quality  
P. O. Box 98922  
Lincoln, Nebraska 68509-8922

Dear Mr. Linder:

On January 18, 2013, during routine 10-year Mechanical Integrity Testing (MIT), well number P-3357 in Mine Unit 8, Wellhouse 39 failed the MIT criteria. Using isolation techniques, it was determined that the failure was in the casing joint at the 20-foot level. Shar Sapp, of the NDEQ field office in Chadron and Ron Burrows, NRC Project Manager were notified concerning this well on January 18, 2013.

Following isolation of the problem, a 5 foot sleeve was set using a drilling rig. The top of the sleeve is located at 17.5 feet and extends to 22.5 feet.

The well was then re-integrity tested on April 5, 2013 to check the entire well interval from 453 feet to the surface. A copy of the successful MIT is enclosed.

If you have any questions or concerns on this matter, please do not hesitate to call me.

Sincerely,

Doug Pavlick  
General Manager

Enclosure

cc: Lindsey Phillips – NDEQ  
Ron Burrows – NRC  
CBO – File  
ec: CR - Cheyenne





# Nebraska Department of Environmental Quality

## Casing Integrity Test Report

Company: Crow Butte

Permit No: NE0122611

Project: Crow Butte

Well No: 3357

Casing Type: Certa-Lok

Diameter: 4.5 in.

Hole Depth: 520 ft.

Casing Depth: 509 ft.

Screened Interval 1 Top: 475 ft.

Screened Interval 2 Top: ft.

Screened Interval 1 Bottom: 497 ft.

Screened Interval 2 Bottom: ft.

Screened Interval 3 Top: ft.

Screened Interval 4 Top: ft.

Screened Interval 3 Bottom: ft.

Screened Interval 4 Bottom: ft.

Depth to K-Packer: 464 ft.

Depth to Test Packer(s) Top: Ground level ft.

Bottom: 453 ft.

**Comments:**

*Rig Workover for 5yr Retest / Sleeved 5'*

Well Tag ID Number: 3357

Test Performed By: *Daniel*

Date: 4/5/13

Calibration Performed By: *DTA*

Date: 4/5/13

Time	Elapsed Time (Min)	Pressure (PSIG)
10:10	0	125
10:15	5	124
10:20	10	122
10:25	15	120
10:30	20	117

**CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on inquiry of those individuals immediately responsible for obtaining information, I believe that the information is true, accurate, and complete. Further, I certify awareness that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.

By **Steven Boeselager**

PRINTED NAME OF PERSON SIGNING

By

*Steven Boeselager*  
SIGNATURE

**Restoration Supervisor**

TITLE

*4-8-13*

DATE



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UNIT  
PITNEY BOWES  
02 1P \$ 006.77<sup>0</sup>  
0003818154 APR 15 2013  
MAILED FROM ZIP CODE 69339



**Cameco**

**CAMECO RESOURCES**

Crow Butte Operation  
86 Crow Butte Road  
P.O. Box 169  
Crawford, NE  
69339 USA

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Mr. Ron Burrows, Project Manager  
Decommissioning and Uranium Recovery Licensing  
Directorate  
Division of Waste Management and Environmental  
Protection  
Office of Federal and State Materials and  
Environmental Management Programs  
Mailstop T8-F5  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

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