

**CAMECO RESOURCES
CROW BUTTE OPERATION**



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

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

October 29, 2015

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Marty Link, Acting Water Quality Division Administrator
Nebraska Department of Environmental Quality
PO Box 98922
Lincoln, Nebraska 68509-8922

Dear Ms. Link:

On August 17, 2015, during routine 5-year Mechanical Integrity Testing (MIT), well number I-2430 in Mine Unit 7, Wellhouse 31 failed the MIT criteria at the Crow Butte Resources (CBR) mine site. Isolation procedures indicated that the failure was the casing joint at the 20-foot level. Shar Sapp, of the NDEQ Chadron field office, and Ron Burrows, NRC Project Manager, were notified concerning this well on August 17, 2015.

On October 19, 2015, a drill rig placed a 10 foot long PVC sleeve in the well with the top of the sleeve located at a depth of 15 feet below the top of the casing. The sleeve has a pair of K-packer rubbers on the bottom of the sleeve and a single rubber on the top.

The well was successfully re-integrity tested on October 20, 2015. 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 at 308-665-2215 ext. 114.

Sincerely,

Larry Teahon
SHEQ Manager

Enclosure

cc: Ron Burrows - NRC
CBO - File
ec: Nancy Harris - NDEQ Program Coordinator
Shar Sapp - NDEQ
CR - Casper



Nebraska Department of Environmental Quality

Casing Integrity Test Report

Company: Crow Butte

Permit No: NE0122611

Project: Crow Butte

Well No: 2430

Casing Type: Certa-Lok

Diameter: 4.5 in.

Hole Depth: 780 ft.

Casing Depth: 769 ft.

Screened Interval 1 Top: 750 ft.

Screened Interval 2 Top: ft.

Screened Interval 1 Bottom: 761 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: 738 ft.

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

Bottom: 728 ft.

Comments: 5yr Retest - Sheaved

Time	Elapsed Time (Min)	Pressure (PSIG)
1200	0	125
1205	5	122
1210	10	120
1215	15	117
1220	20	114

Well Tag ID Number: 2430

Test Performed By: Justin Didier

Date: 10-20-15

Calibration Performed By: JD

Date: 10-20-15

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

Restoration Supervisor

TITLE

By *Steven Boeselager*

SIGNATURE

10-22-15

DATE