

United States Nuclear Regulatory Commission Official Hearing Exhibit

CROW BUTTE RESOURCES, INC.

(License Renewal for the In Situ Leach Facility, Crawford, Nebraska)

In the Matter of:

ASLBP #: 08-867-02-OLA-BD01

Docket #: 04008943

Exhibit #: CBR-024-00-BD01

Admitted: 8/18/2015

Rejected:

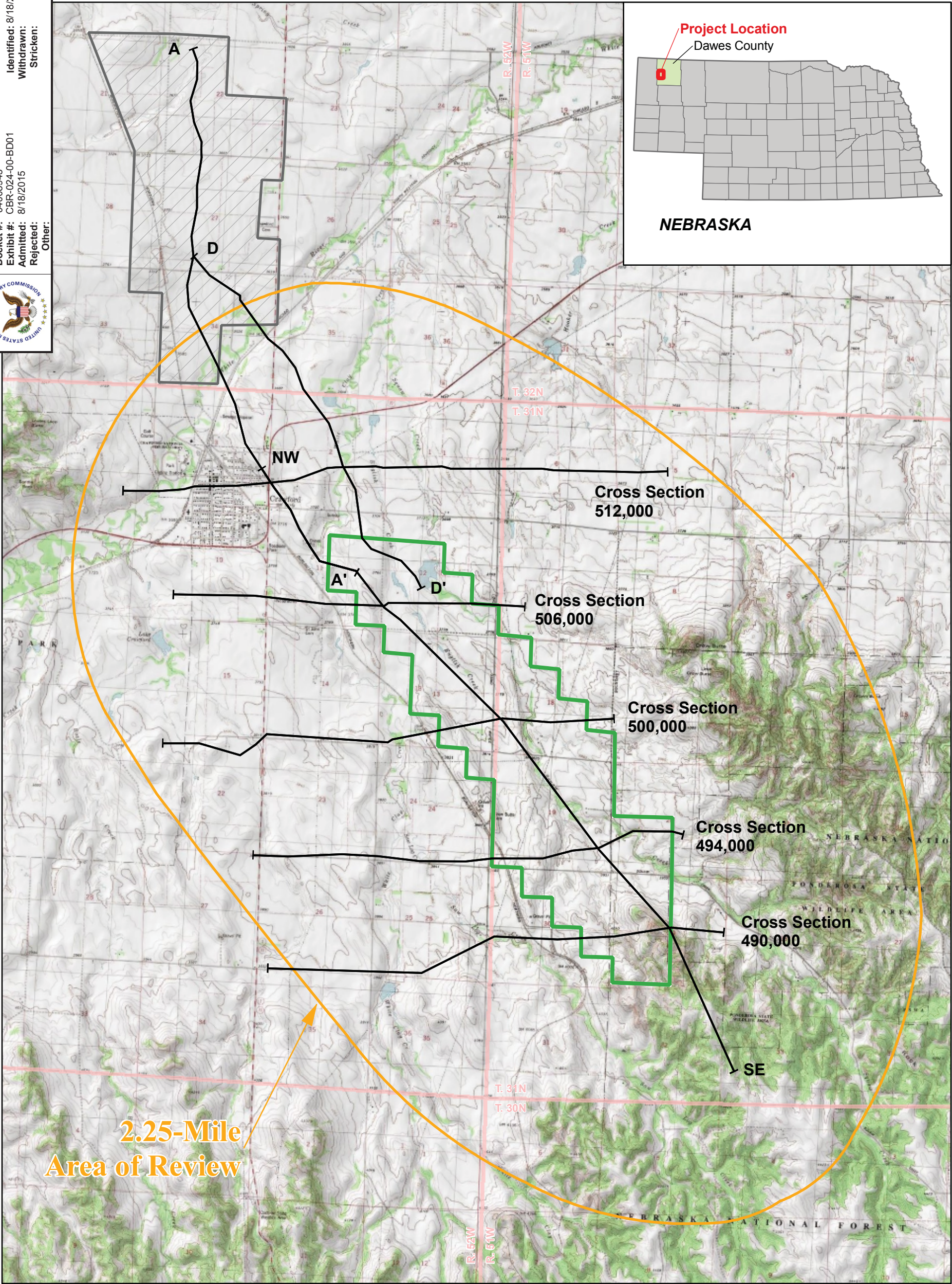
Stricken:

Other:

Identified: 8/18/2015

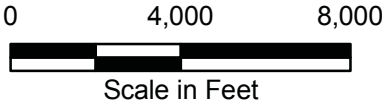
Withdrawn:





LEGEND

-  Cross Section
-  Class III Permit Boundary
-  Proposed North Trend Expansion Area
-  2.25-Mile CSA Area of Review



CROW BUTTE
RESOURCES, INC.

FIGURE 2.6-3
CROSS SECTION LOCATION

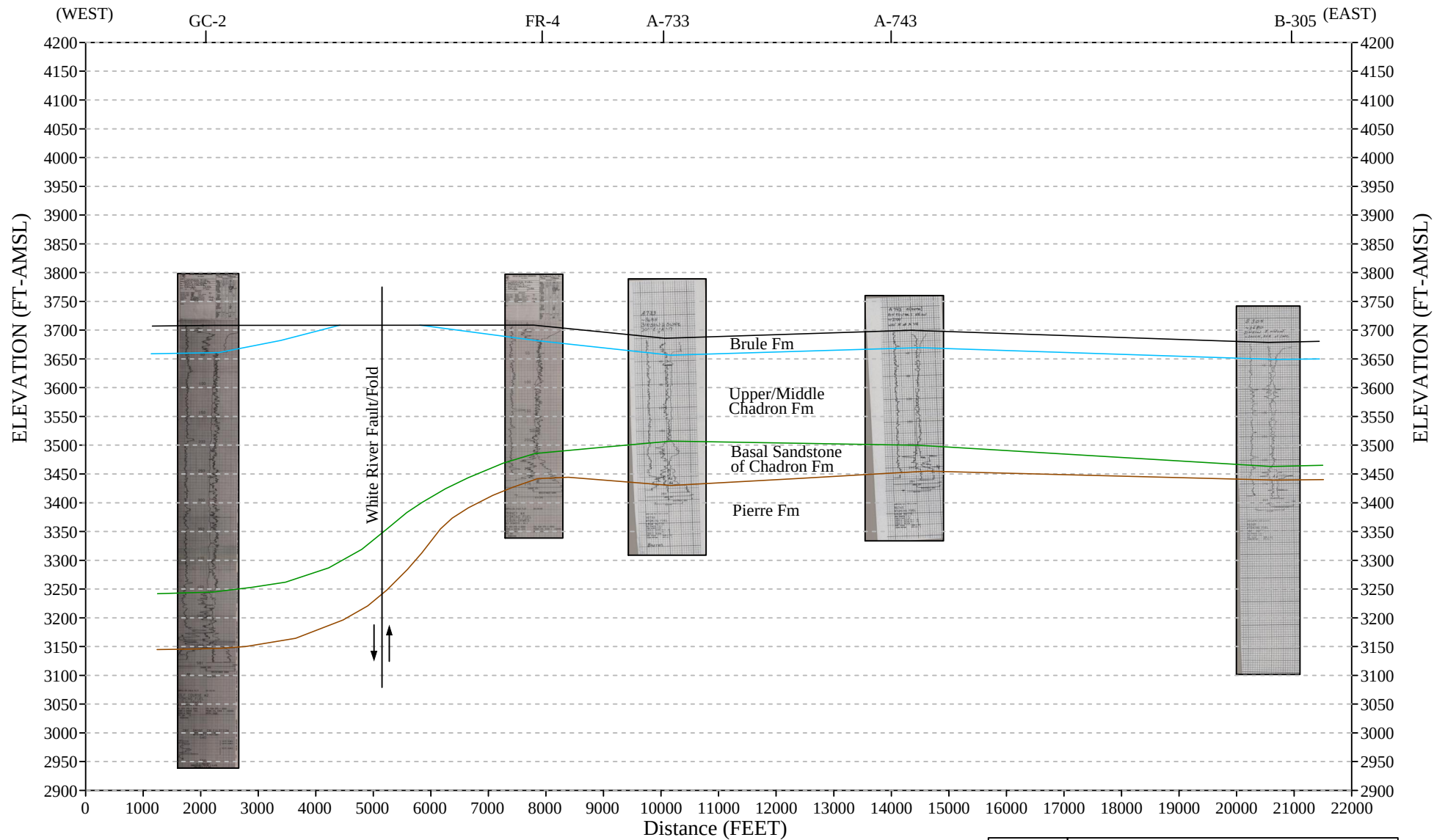
PROJECT: CO001322 MAPPED: JC CHECKED: MS
FILE: Figure 2.6-3_XSLocation.mxd @ 04/09/2009



630 Plaza Drive, Ste. 100
Highlands Ranch, CO 80129
P: 720-344-3500 F: 720-344-3535
www.arcadis-us.com

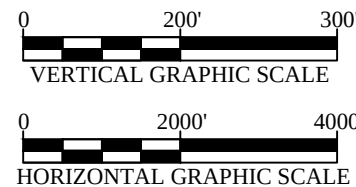
FIGURE 2.6-4 Cross Section 512,000 E-W

CBR-024



Legend:

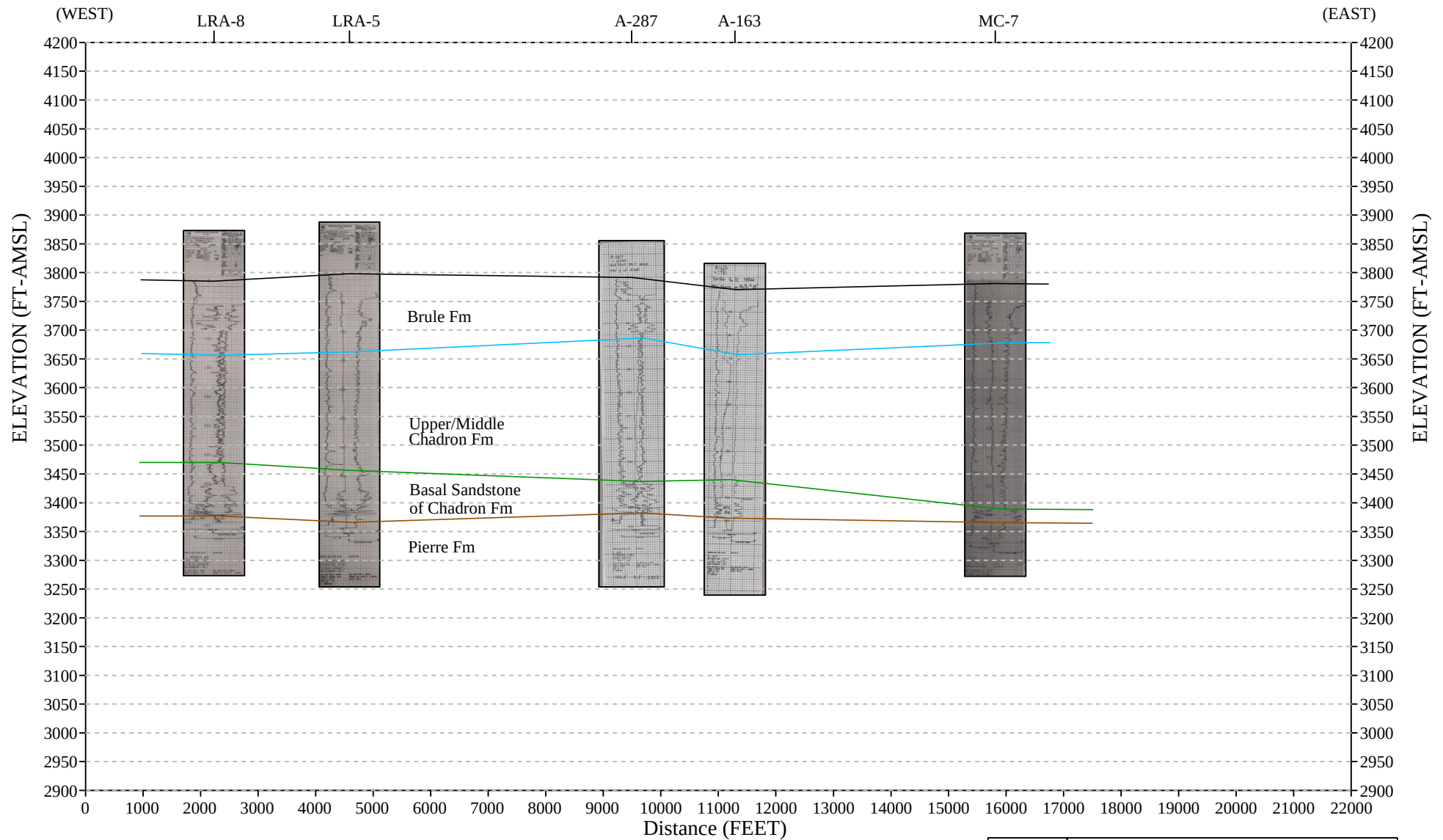
- Topographic Surface
- Top of Upper Chadron Formation
- Top of Basal Sandstone of Chadron Formation
- Top of Pierre Formation



REV. DATE	CAMECO RESOURCES
REV. 1 8/2/12	CROW BUTTE OPERATION
	Dawes County, Nebraska
	CROSS-SECTION 512,000 E-W
	FIGURE 2.6-4
	Prepared by: CBO Drawn by: Wade Beins

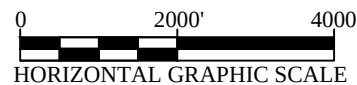
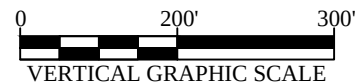
FIGURE 2.6-5 Cross Section 506,000 E-W

CBR-024



Legend:

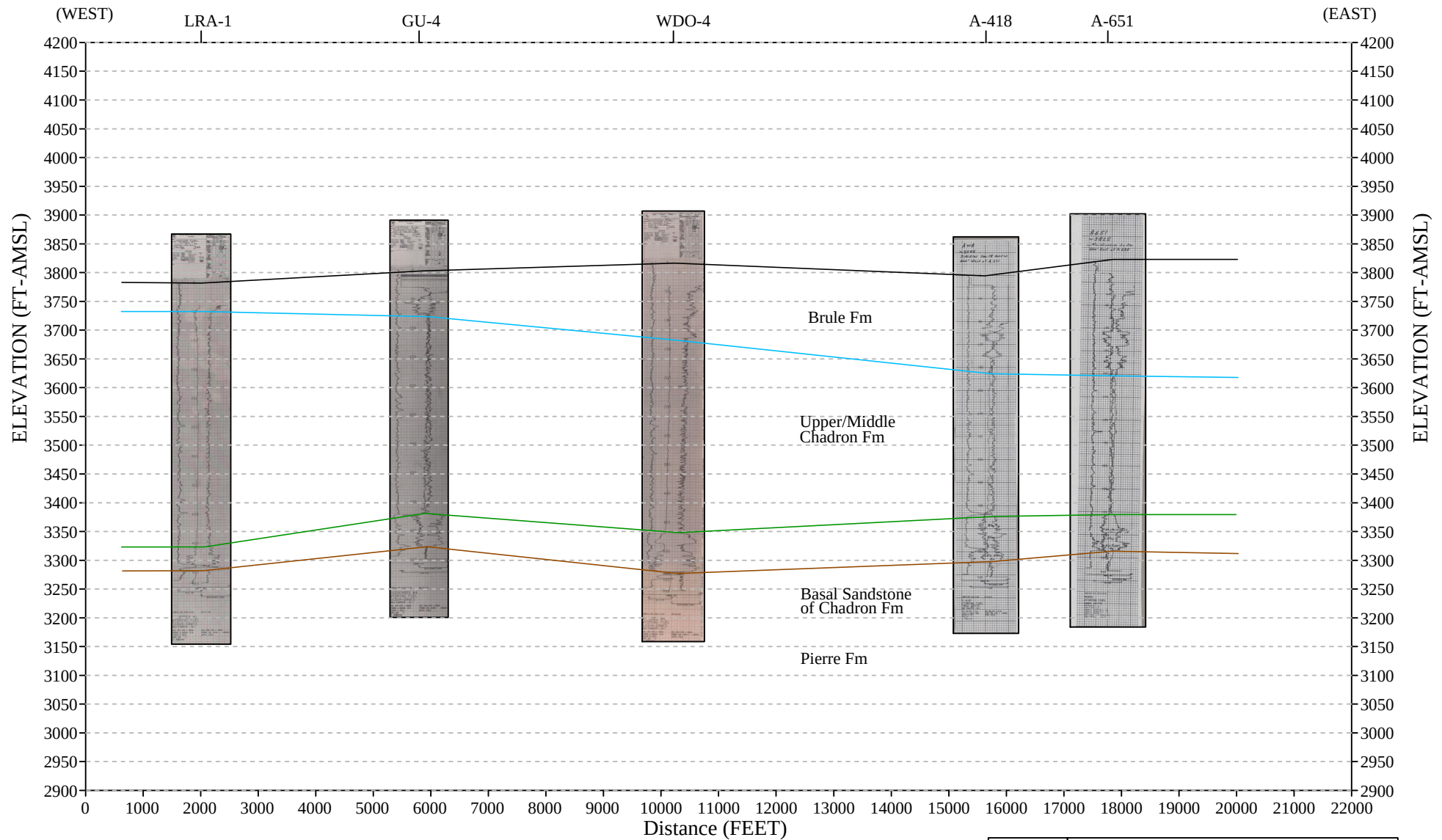
- Topographic Surface
- Top of Upper Chadron Formation
- Top of Basal Sandstone of Chadron Formation
- Top of Pierre Formation



REV. DATE	CAMECO RESOURCES
REV. 1 8/2/12	CROW BUTTE OPERATION
	Dawes County, Nebraska
	CROSS-SECTION 506,000 E-W
	FIGURE 2.6-5
	Prepared by: CBO Drawn by: Wade Beins

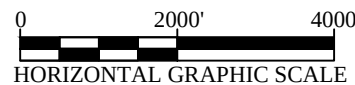
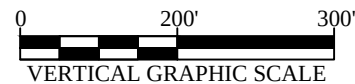
FIGURE 2.6-6 Cross Section 500,000 E-W

CBR-024



Legend:

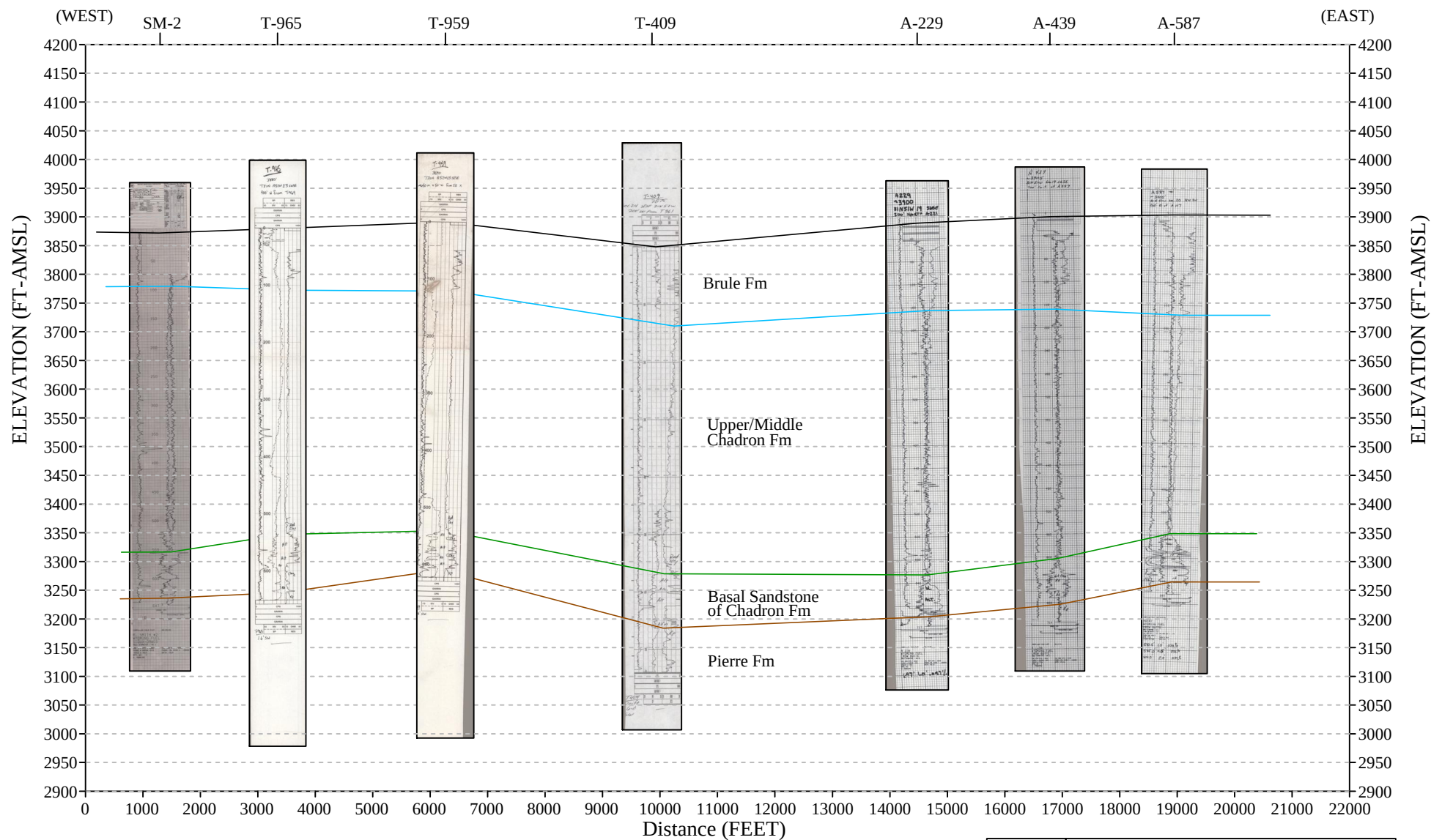
- Topographic Surface
- Top of Upper Chadron Formation
- Top of Basal Sandstone of Chadron Formation
- Top of Pierre Formation



REV. DATE	CAMECO RESOURCES
REV. 1 8/2/12	CROW BUTTE OPERATION
	Dawes County, Nebraska
	CROSS-SECTION 500,000 E-W
	FIGURE 2.6-6
	Prepared by: CBO Drawn by: Wade Beins

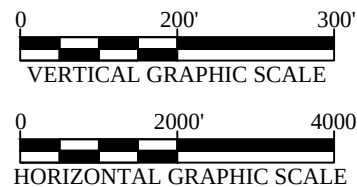
FIGURE 2.6-7 Cross Section 494,000 E-W

CBR-024



Legend:

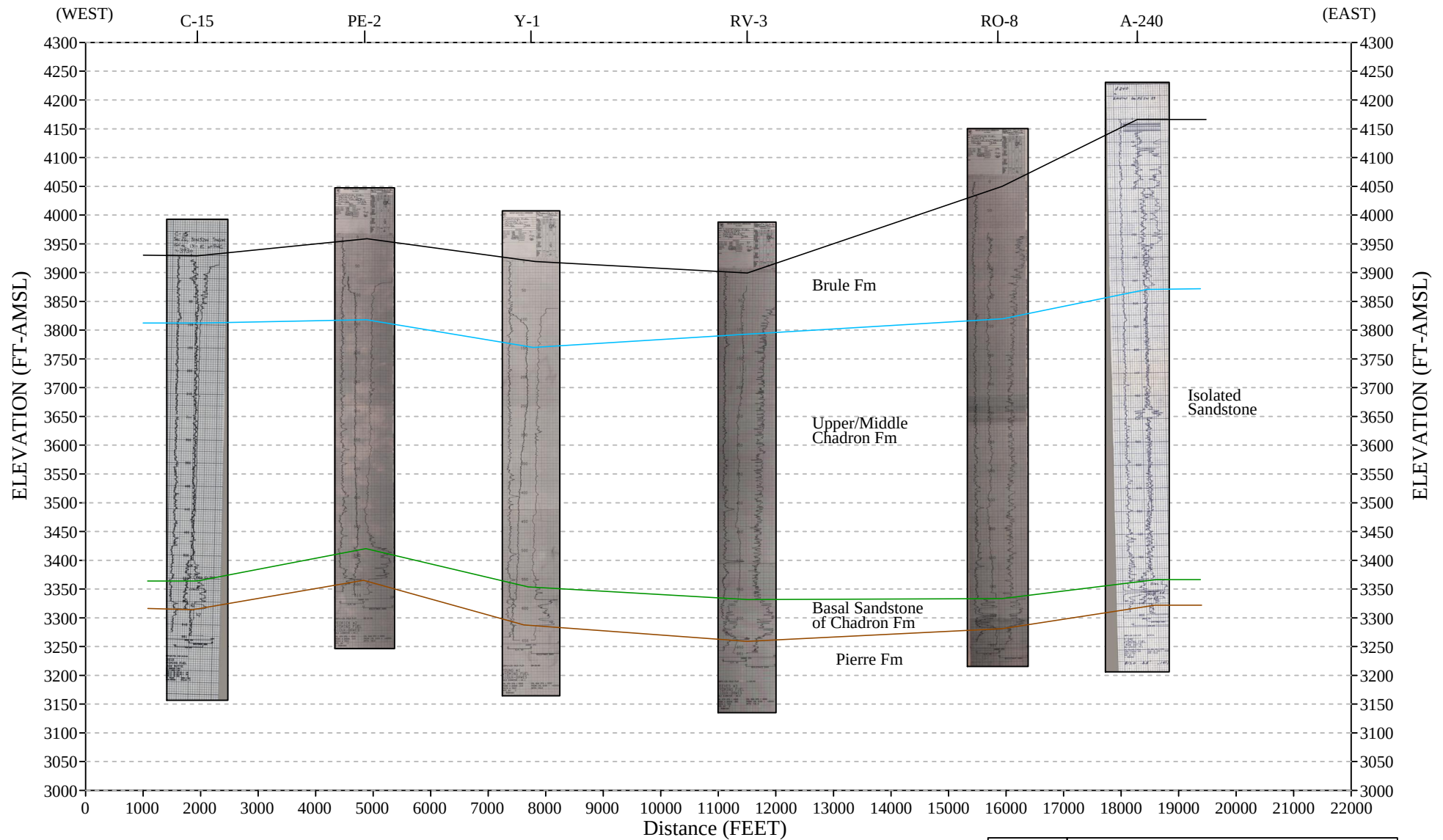
- Topographic Surface
- Top of Upper Chadron Formation
- Top of Basal Sandstone of Chadron Formation
- Top of Pierre Formation



REV. DATE	CAMECO RESOURCES CROW BUTTE OPERATION Dawes County, Nebraska CROSS-SECTION 494,000 E-W FIGURE 2.6-7 Prepared by: CBO Drawn by: Wade Beins
REV. 1	
8/2/12	

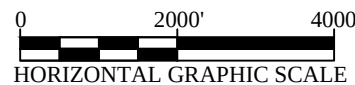
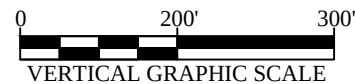
FIGURE 2.6-8 Cross Section 490,000 E-W

CBR-024



Legend:

- Topographic Surface
- Top of Upper Chadron Formation
- Top of Basal Sandstone of Chadron Formation
- Top of Pierre Formation

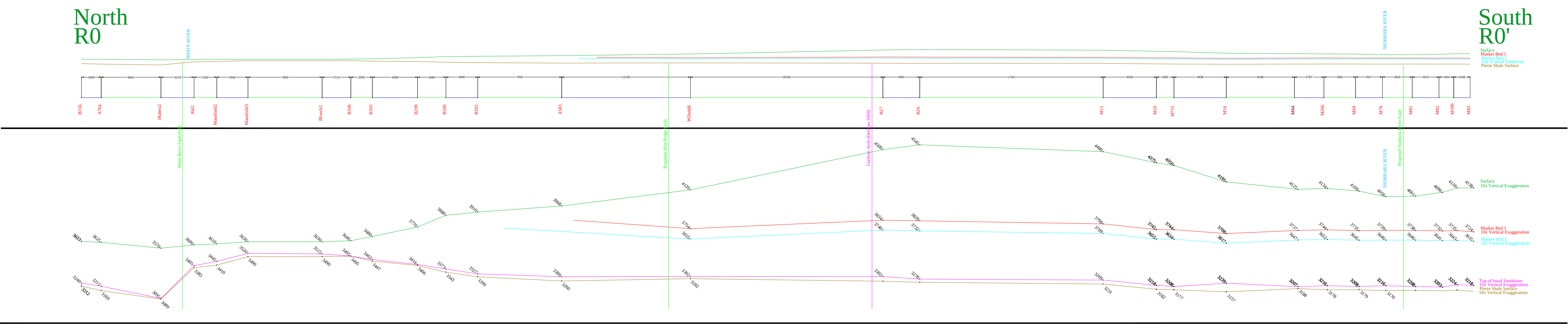


REV. DATE	CAMECO RESOURCES CROW BUTTE OPERATION Dawes County, Nebraska CROSS-SECTION 490,000 E-W FIGURE 2.6-8 Prepared by: CBO Drawn by: Wade Beins
REV. 1	
8/2/12	

CRAWFORD BASIN GEOLOGIC STRUCTURE

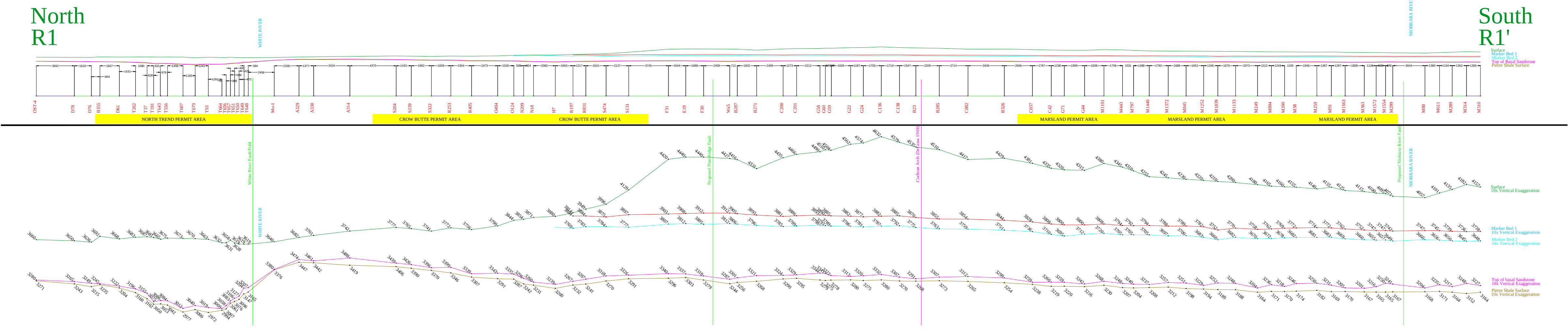
Regional incline S-N = 1.24 degrees

CROSS-SECTION
R0 - R0'



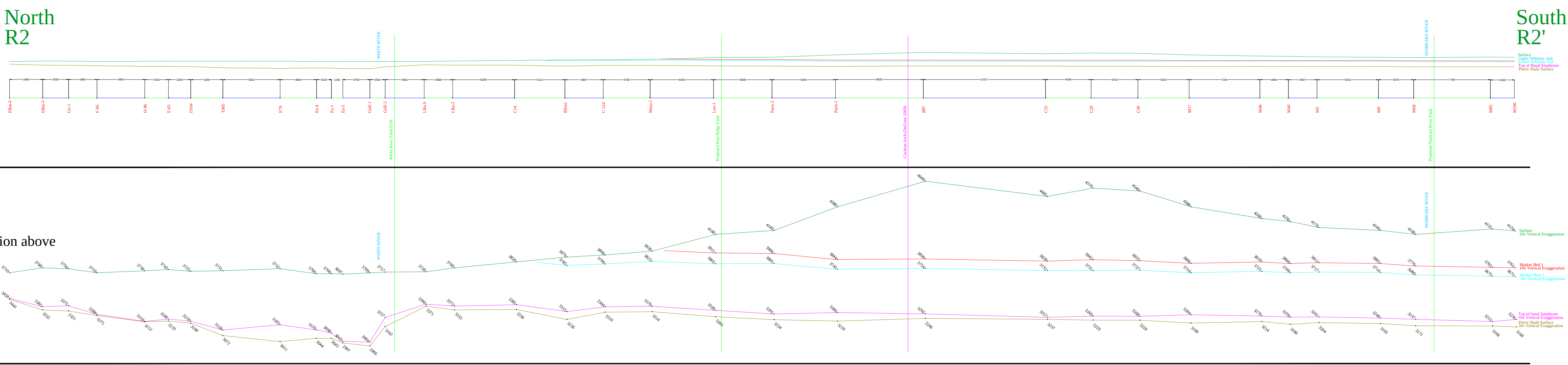
Picks show surface elevation above Mean Sea Level

CROSS-SECTION
R1 - R1'



Picks show surface elevation above Mean Sea Level

CROSS-SECTION
R2 - R2'



Picks show surface elevation above Mean Sea Level

THREE CROW AREA CROSS-SECTIONS

(As shown in TCEA License Application)
Picks show surface elevation above Mean Sea Level

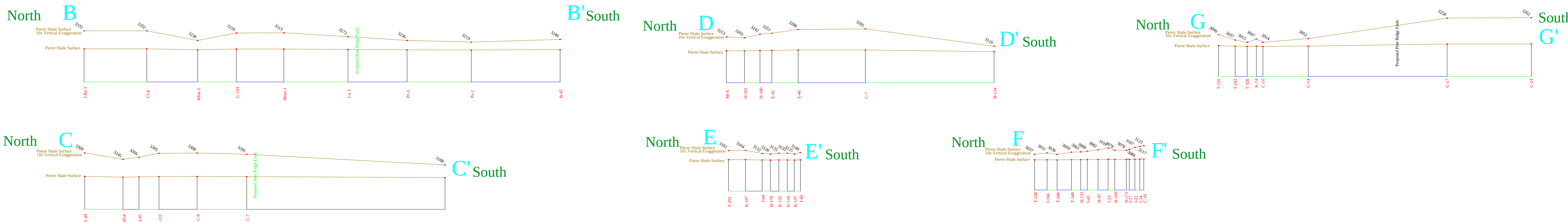


Figure 3

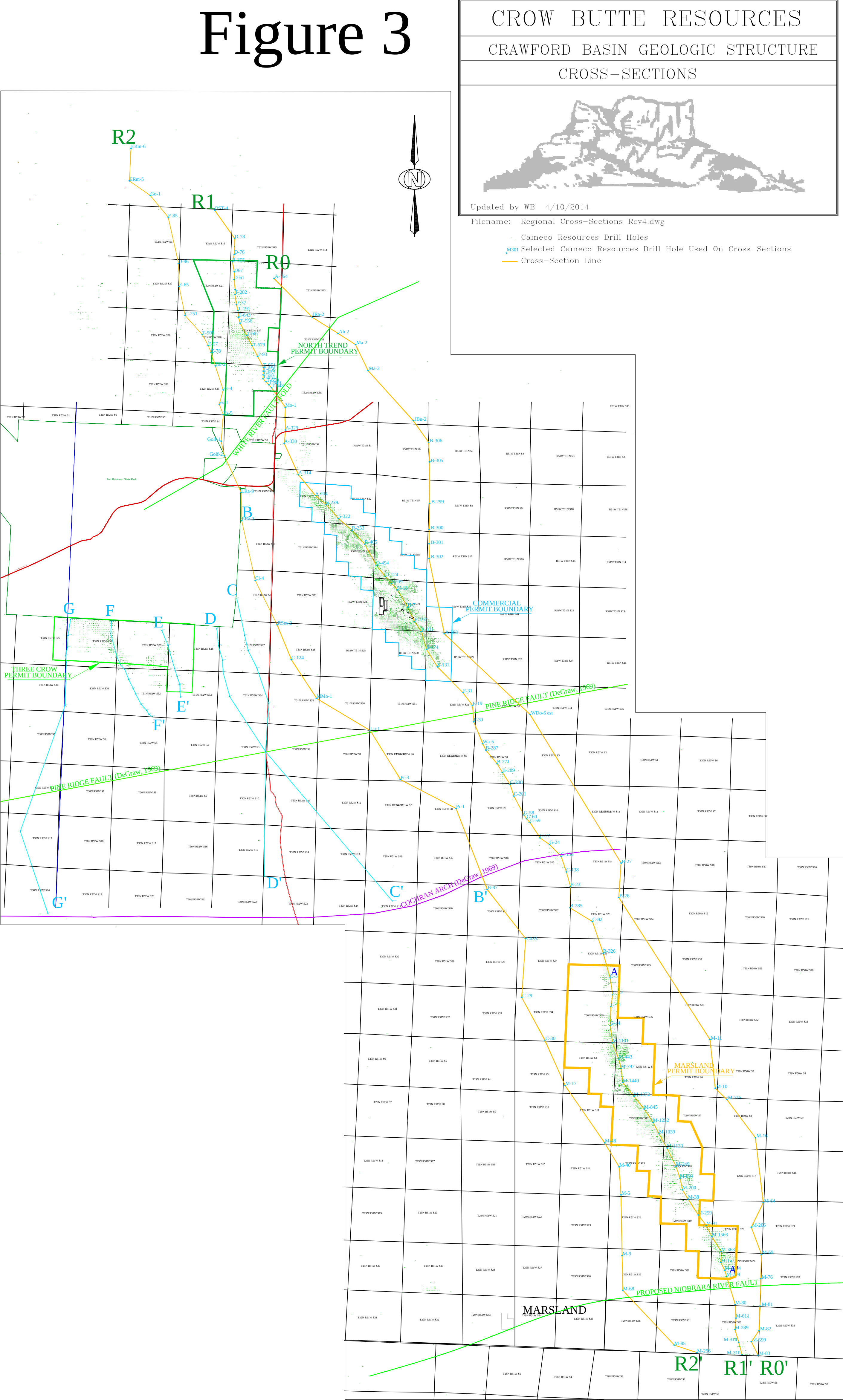


Figure 3