

**Bronco Utah Operations LLC**  
PO Box 527  
Emery, Utah 84522  
435-286-2447

June 23, 2020

**VIA E-MAIL**

Mr. Steve Christensen  
Utah Division of Oil, Gas and Mining  
Coal Program  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

C/015/0007  
Received 7/7/20  
Task #6146

**RE: Bronco Utah Operations LLC  
Hidden Valley Mine  
DOG M Permit No. C/015/0007 Miracle Rock Permit Reduction Task ID 6146  
Clean Copies**

Mr. Christensen:

Per the Divisions letter dated June 3, 2020, please consider these 2 clean copies to the above mentioned permit which includes an executed C1 form, C2 form, revised pages, and Plates.

If you have any questions concerning this request, please contact Kit Pappas at 435-286-2027.

Sincerely,



Kit Pappas  
Environmental Manager

Attachment      Application for Coal Permit Processing

**RECEIVED**

**JUL 07 2020**

**DIV OF OIL, GAS & MINING**

## APPLICATION FOR COAL PERMIT PROCESSING

Permit Change  New Permit  Renewal  Exploration  Bond Release  Transfer

**Permittee:** Bronco Utah Operations LLC (BUOLLC)

**Mine:** Hidden Valley Mine

**Permit Number:** 015/0007

**Title:** Permit 015/0007 Miracle Rock permit reduction

**Description,** Include reason for application and timing required to implement:

Permit 015/0007 Miracle Rock permit reduction

Clean Copies Task ID 6146

06/20

**Instructions:** If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 1. Change in the size of the Permit Area? Acres: <u>120</u> Disturbed Area: _____ <input type="checkbox"/> increase <input type="checkbox"/> decrease. |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Is the application submitted as a result of a Division Order? DO# _____   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 4. Does the application include operations in hydrologic basins other than as currently approved?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 6. Does the application require or include public notice publication?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 7. Does the application require or include ownership, control, right-of-entry, or compliance information?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 9. Is the application submitted as a result of a Violation? NOV # _____  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 10. Is the application submitted as a result of other laws or regulations or policies?<br><i>Explain:</i> _____  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 11. Does the application affect the surface landowner or change the post mining land use?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)                                     |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 13. Does the application require or include collection and reporting of any baseline information?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 15. Does the application require or include soil removal, storage or placement?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 16. Does the application require or include vegetation monitoring, removal or revegetation activities?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 17. Does the application require or include construction, modification, or removal of surface facilities?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 18. Does the application require or include water monitoring, sediment or drainage control measures?   |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 19. Does the application require or include certified designs, maps or calculation?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 20. Does the application require or include subsidence control or monitoring?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 21. Have reclamation costs for bonding been provided?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?   |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 23. Does the application affect permits issued by other agencies or permits issued to other entities?  |

**Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you.** (These numbers include a copy for the Price Field Office)

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein

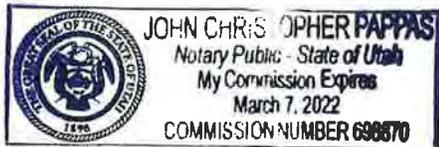
Brian Fredrickson Brian Fredrickson President/CEO 6/22/2020  
Print Name Sign Name, Position, Date

Subscribed and sworn to before me this 22 day of JUNE, 2020

John C. Pappas  
Notary Public

My commission Expires: March 7, 2022

Attest: State of UTAH ; ss  
 County of CARBON



<b>For Office Use Only:</b>	<b>Assigned Tracking Number:</b>	<b>Received by Oil, Gas &amp; Mining</b>

# APPLICATION FOR COAL PERMIT PROCESSING

## Detailed Schedule Of Changes to the Mining And Reclamation Plan

**Permittee:** Bronco Utah Operations LLC (BUOLLC)

**Mine:** Hidden Valley

**Permit  
Number:**

015/0007

**Title:** Permit 015/0007 Miracle Rock premit reduction Clean Copies Task ID 6146

06/20

Provide a detailed listing of all changes to the Mining and Reclamation Plan, which is required as a result of this proposed permit application. Individually list all maps and drawings that are added, replaced, or removed from the plan. Include changes to the table of contents, section of the plan, or other information as needed to specifically locate, identify and revise the existing Mining and Reclamation Plan. Include page, section and drawing number as part of the description.

### DESCRIPTION OF MAP, TEXT, OR MATERIAL TO BE CHANGED

			DESCRIPTION OF MAP, TEXT, OR MATERIAL TO BE CHANGED
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	CH I Page 3
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	CH III Page 8
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input checked="" type="checkbox"/> Remove	CH III Plate I (Hidden Valley Mine Location) (PDF pg 39/340)
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input checked="" type="checkbox"/> Remove	CH III Plate IA (Hidden Valley Mine Ownership) (PDF pg 40/340)
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input checked="" type="checkbox"/> Remove	Appendox I Plate I (Hidden Valley Mine Location) (PDF pg 150/340)
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input checked="" type="checkbox"/> Remove	Appendix I Plate IA (Hidden Valley Mine Ownership) (PDF pg 151/340)
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input checked="" type="checkbox"/> Remove	Appendix I Surface & Coal Ownership (PDF pg 163/340)
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input checked="" type="checkbox"/> Remove	Plate I(b) (Permit Area and Boundary Water Sampling Points)
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Plate I (Surface & Coal Ownership) re-compiled map
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Plate IV(a) Drill Hole Locations
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	
<input checked="" type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	CH III Plate I (Hidden Valley Mine Location) (PDF pg 39/340) removed plaeholder
<input checked="" type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	CH III Plate IA (Hidden Valley Mine Ownership) (PDF pg 40/340)removed plaeholder
<input checked="" type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	Appendox I Plate I (Hidden Valley Mine Location) (PDF pg 150/340)removed plaeholder
<input checked="" type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	Appendix I Plate IA (Hidden Valley Mine Ownership) (PDF pg151/340)removed plaeholder
<input checked="" type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	Appendix I Surface & Coal Ownership (PDF pg 163/340)removed plaeholder
<input checked="" type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	Plate I(b) (Permit Area and Boundary Water Sampling Points)removed plaeholder
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Plate III-1, Disturbed and Bonding
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Appendix II Attachment "C" (PDF pg 22/340)
<input checked="" type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	CH I, Page 3a (coal lease extension memo)
<input checked="" type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	CH I, Page 3b (coal lease extension confirmation memo)
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	

<p><b>Any other specific or special instruction required for insertion of this proposal into the Mining and Reclamation Plan.</b></p> <p>Plate I (Surface &amp; Coal Ownership) has been redrawn and supercedes approved Appendix I Surface &amp; Coal Ownership, Plates I, IA, and Ib</p> <p>add place holders for removed maps</p>	<p style="text-align: center;"><b>Received by Oil, Gas &amp; Mining</b></p>
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Violation Notices (113.300):

Information on all violations received by the applicant or operator during the past three (3) years related to environmental requirements are contained in Appendix IV.

Right of Entry and Operations Information (114):

DOG M Permit 015/0007 permit area is describes as:

Township 23 South, Range 6 East, S.L.B.M. Section 17; W1/2  
Section 18: S1/2, W1/2NW1/4, SE1/4NW1/4, SW1/4NE1/4, SE1/4NE1/4

Right of Entry (114.100):

Right of entry and operation is based on surface or subsurface ownership by Bronco Utah Operations, LLC or on lease agreements. Hidden Valley Mine was conveyed to Consolidation Coal Company by Special Warranty Deed and Assignment of Coal Lease executed by Hidden Valley Coal Company on November 14, 1995. The Special Warrant Deed was recorded November 21, 1995, as Entry No. 340818, in Book 219 at Pages 299-303, and the Assignment of Coal Lease was recorded on November 27, 1995, as Entry No. 340847, in Book 219, at Pages 363-369, in the real property records of Emery County, Utah. On November 25, 2013, Consolidation Coal Company conveyed and assigned its interest in the Hidden Valley Mine to CONSOL Mining Company LLC, by Quitclaim Deed, Assignment and Bill of Sale recorded in Emery County, Utah on December 4, 2013 at Entry 406198 and recorded in Sevier County, Utah on November 27, 2013 in book 688, Page 120 at Entry Number 00382267. On December 16, 2015, CONSOL Mining Company LLC conveyed its interest in the surface lands at the Emery Deep Mine and Hidden Valley Mine to Bronco Utah Operations, LLC by (i) Special Warranty Deed, recorded in Emery County on December 22, 2015 at Entry 411521, and recorded in Sevier County on December 23, 2015 at Document No. 00391679, Book 0709, Page 0986 and (ii) Assignment and Assumption Agreement, recorded in Emery County on December 22, 2015 at Entry 411523. The surface interests owned, leased or controlled by Bronco Utah Operations, LLC at the Emery Deep Mine and Hidden Valley Mine are not subject to litigation. Refer to CH I Page 3a and 3b for coal lease extension request and confirmation

Relationship to Areas Designated Unsuitable for Mining (115):

The permit area does not contain any of the following areas designated as unsuitable for mining:

- National Park System
- National Wildlife Refuge System
- National System of Trails
- National Wilderness Preservation System
- Wild and Scenic Rivers System
- National Recreation Areas
- National Forests
- Public Parks
- Public places included on the National Register of Historic Places
- Public Buildings, Schools, Churches, Cemeteries, Community or Institutional Buildings

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Bronco Utah Operations, LLC does not propose to mine within 300 feet of an occupied building or within 100 feet of a public road.

Revised 10/2009, 12/2013, 03/2016, 06/2018  
Revised 06/2020

## UMC 817.133 Postmining Land Use

The original permit contemplated reclaiming approximately 6.7 acres of disturbed land in the fall of 1986 with completion by December 31, 1986. Originally the entire 960 acres (section 18, all and section 17, W1/2) was permitted under Permit ACT 015/0007. Bronco Utah Operations currently holds reclamation bond on this area. CalMet, the applicant under the original interim permit, began initial construction of an underground coal mine in the late 1970's. Approximately 6.7 acres of surface was affected by CalMet during construction of a haul road into the canyon, a buried culvert to direct unaffected surface drainage under the affected area, a sediment pond to control affected surface runoff, and four exploratory adits into both the A seam and CD Seam (CalMet called this the B seam). Topsoil was not required to be removed under the original permit. The mine never reached full production and CalMet began reclamation in 1987 under a permanent program Mining and Reclamation Plan approved by the Division. Consol purchased the property in 1995 and assumed the mining permit, bond and reclamation liability. Consol was in the process of completing final reclamation on the site until the decision was reached to investigate the mineability of the A seam. The majority of the reclamation work was completed then with the exception of the "A" and "B" seam benches. With the approval of Amendment 97B on September 22, 1997, the B seam side was reclaimed with the "A" seam side to follow a few years later, once vegetative success was demonstrated. Per Emery Deep mine's 2011 annual report and Hidden Valley mid-term review deficiency task 4604, CONSOL will initiate discussions with DOGM regarding development of a reclamation strategy for the remaining disturbed portions of the Hidden Valley Mine. With market changes in mid-2005, CONSOL requested that the reclamation of the "A" side seam bench be postponed. Submittal in 2006 of a Minor Exploration Permit for exploratory drilling and a Major Exploration Permit to re-open both "A" and "B" adits for test coal shipments followed with further requests to postpone reclamation due to the possibility of opening a large scale underground mine at the site. All water monitoring and sediment control maintenance have remained functional. Bronco Utah Operations purchased the Hidden Valley mine from CONSOL in 2015. Bronco has decided to proceed with final bond release of Permit ACT 015/0007 Hidden Valley Mine. Bronco continues to own in fee the 480 acres adjacent to the north side of the present permit boundary. Refer to re-compiled Plate I (Surface & Coal Ownership), revised Plate IVa (Drill Hole Location Map), for a revised permit boundary containing 840 acres. Plates Ia and Ib have been removed. The permit area is being reduced by 120 acres to accommodate Miracle Rock Mining and Research, LLC recently approved DOGM Permit S015 0112. As The Division is aware, the mineral permit was issued without knowledge of the surface owner (Bronco Utah Operations LLC) and without a surface agreement between Bronco and Miracle Rock. A surface agreement was reached and executed by both parties on Friday March 27, 2020 for the 120 acre project area described in the Miracle Rock permit as Township 23 South, Range 6 East, S.L.B.M. Section 18: NE1/4NW1/4, NE1/4NE1/4, NW1/4NE1/4 of Emery County.

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### DOGM Permit 015/0007 permit area is describes as:

Township 23 South, Range 6 East, S.L.B.M. Section 17; W1/2  
Section 18: S1/2, W1/2NW1/4, SE1/4NW1/4, SW1/4NE1/4, SE1/4NE1/4

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Div. of Oil, Gas & Mining

### Borehole Reclamation:

During the exploration phase of the Minor Exploration Permit (MEP) in 2006/2007, CONSOL drilled nine exploration boreholes. Upon completion of down-hole procedures, six of the nine exploration bore holes were reclaimed per MEP requirements. The remaining three boreholes (HV-06-01, HV-06-02 and HV-06-03) were completed as groundwater monitoring wells to supply background information for the contemplated Major Exploration Permit and subsequent Major Revision to this MRP. Bronco currently holds water rights transferred to these wells by CONSOL. At final bond release, Bronco requests that these wells be left in place for future water use on the property.

Revised 12/2014, 01/2020

Revised 06/2020

### **CHAPTER III**

**CH III Plate I (Hidden Valley Mine Location) removed  
See Plate I (Surface & Coal Ownership)**

**Inserted 06/2020**

### **CHAPTER III**

**CH III Plate IA (Hidden Valley Mine Ownership) removed  
See Plate I (Surface & Coal Ownership)**

## **Appendix I**

**Appendix I Plate I (Hidden Valley Mine Location) removed  
See Plate I (Surface & Coal Ownership)**

## **Appendix I**

**Appendix I Plate IA (Hidden Valley Mine Ownership) removed  
See Plate I (Surface & Coal Ownership)**

**Appendix I**

**Appendix I Surface & Coal Ownership removed  
See Plate I (Surface & Coal Ownership)**

**Plate I(b)**

**Plate I(b) (Permit Area and Boundary Water Sampling Points) removed  
See Plate I (Surface & Coal Ownership)**

**ATTACHMENT "C"**

**SURFACE AND MINERAL OWNERSHIP**  
**CONTIGUOUS TO BRONCO UTAH OPERATIONS LLC**

<u>Description</u>		<u>Surface</u>	<u>Mineral</u>
T 23 S, R 5 E,	SEC 12	U.S.A.	U.S.A.
	SEC 13	U.S.A.	U.S.A.
	SEC 24	U.S.A.	U.S.A.
		subject to interest, if any, of Johnson Cattle Company. Note: Sevier County Shows ownership of Johnson Cattle Company	
T 23 S, R 6 E			
	SEC 7, W 1/2 and NE 1/4	U.S.A.	U.S.A.
	SEC 7, SE 1/4	100% Bronco Utah Operations, LLC.	100% Bronco Utah Operations, LLC.
	SEC 8, W 1/2	100% Bronco Utah Operations, LLC.	100% Bronco Utah Operations, LLC
	SEC 8, E 1/2	U.S.A.	U.S.A.
	SEC 17, E 1/2	U.S.A.	U.S.A.
	SEC 19	U.S.A.	U.S.A.
	SEC 20	U.S.A.	U.S.A.

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JUL 07 2020

*Timothy D. ...*

Revised 12/13  
 Revised 3/16  
 Revised 6/20



CNX Land Resources Inc.  
1800 Washington Road  
Pittsburgh, PA 15241-1421

phone: 412 / 831-4602  
fax: 412 / 831-4975  
e-mail: [rodford@consolenergy.com](mailto:rodford@consolenergy.com)  
web: [www.consolenergy.com](http://www.consolenergy.com)

February 3, 2006

Rodney E. Ford  
Supervisor-Land Records

Ivie Creek Coal Company Shareholders Trust  
M. Walker Wallace – Agent  
Attn: Ronnie L. Cutshall Esq.  
107 S. Main, Suite 1500  
Salt Lake City, UT 84101

Re: Agreement No. 211059  
Ivie Creek Coal Company  
Agreement dated August 30, 1976  
Emery County, Utah

INCORPORATED

JUL 07 2020

Dear Mr. Cutshall:

Please be advised that pursuant to Paragraph 2. of the above referenced lease, Consolidation Coal Company hereby elects to extend the term of said lease for an additional Thirty (30) years from January 31, 2007 reserving all rights of surrender contained therein.

As you are aware, Consolidation Coal Company (Consol) has not had any direct contact with the Shareholders Trust since the Assignment of the lease to Consol in 1995. At that time, First Interstate Bank of Utah, N.A. was Trustee under the Trust. You recently informed our land agent, Mr. Randy Stockdale that Mr. M. Walker Wallace was Agent for the Trust, and that Consol should forward any correspondence and/or notices pertaining to this lease to your attention.

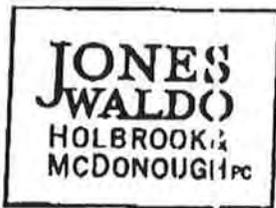
Please confirm that this notice will be forwarded to the Agent of the Trust, and supply us with a current address for the Agent. When Consol begins coal production from the leased premises, we will require this information for mining reports, production royalties, etc.

Your cooperation in this matter is greatly appreciated. If you have any questions or I can be of further assistance, please contact me at your convenience.

Sincerely,

Rodney E. Ford

CONSOLIDATION COAL COMPANY  
CAPRODROYVIE CREEK



**ATTORNEYS & COUNSELORS  
EST. 1875**

**TEL: 801-521-3200  
FAX: 801-328-0537**

**170 SOUTH MAIN ST, SUITE 1500  
SALT LAKE CITY, UTAH 84101**

**WWW.JONESWALDO.COM**

February 27, 2006

Rodney E. Ford  
Consol Energy  
CNX Lan Resources, Inc.  
1800 Washington Road  
Pittsburgh, PA 15241-1421

**RE:   Ivie Creek Coal Company  
      Agreement dated August 30, 1976  
      Emery County, Utah  
      Your Agreement No. 211059**

Dear Mr. Ford:

I am in receipt of your letter dated February 3, 2006. This letter will confirm that your letter will be forwarded to Mr. M. Walker Wallace on this date at the following address:

Mr. M. Walker Wallace  
2230 East Parleys Terrace  
Salt Lake City, UT 84109

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JUL 07 2020

If you have any questions, please call.

Div. of Energy, Gas & Mining

Sincerely,

Ronny L. Cutshall

cc: Mr. M. Walker Wallace



CADD USER: Shelby W. Fullbright FILE: P:\SALT LAKE CITY\44 UT\08\44081007 BRONCO HIDDEN VALLEY MINE\WORKFILES\HV MID TERM\SUPPORT-BARR\CADD\PLATE III-1 SEP 19\_BARR\_SF.DWG PLOT SCALE: 1:1 PLOT DATE: 6/29/2020 1:17 PM



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 JUL. 07 2020  
 Div. of Oil, Gas & Mining

- LEGEND:
- PERMIT BOUNDARY
  - Disturbed Boundary
  - B Side Reference Area
  - Proposed A Side Reference Area
- TOTAL = 6.7 ACRES
- Graded/Seeded Benches & Disturbed Areas
  - Coal Seam Backfill
  - B Side Reference Area
  - Potential A Side Reference Area

**BARR**

BASE MAP:  
 CALMAY PURCHASED SURFACE TOPOGRAPHY  
 TRANSFERRED FROM MINE GEOTECH. COORDINATES TO NAD 83  
 AND FORMERLY OF USGS TOPOGRAPHY (WEST & EAST SIDES)

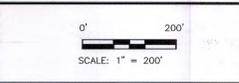
COORDINATE SYSTEM:  
 STATE PLANE COORDINATES,  
 MANSION ZONE

ZONE 4202 UTM, CENTRAL - US FEET  
 VERTICAL SYSTEM - MGD 88 - US FEET

EXTERNAL REFERENCES:

Hidden Valley Work Map.n83v8.dwg
Hidden Valley Topo-5H-v8.moved to usgs.dwg
NAD83-USGS_TOPO.dwg

NO.	DATE	BY	DESCRIPTION	NO.	DATE	BY	DESCRIPTION
1	06/20	SWF	MIRACLE ROCK PERMIT REVISION C/N 13K 6146				



DRAWN BY: JBL  
 CHECKED BY: JAG  
 ORIGINAL DATE: 3/06

APPROVED BY: JAG  
 DGN DATA:  
 Hidden Valley Permit Block  
 n83v8.barr.JBL.dwg

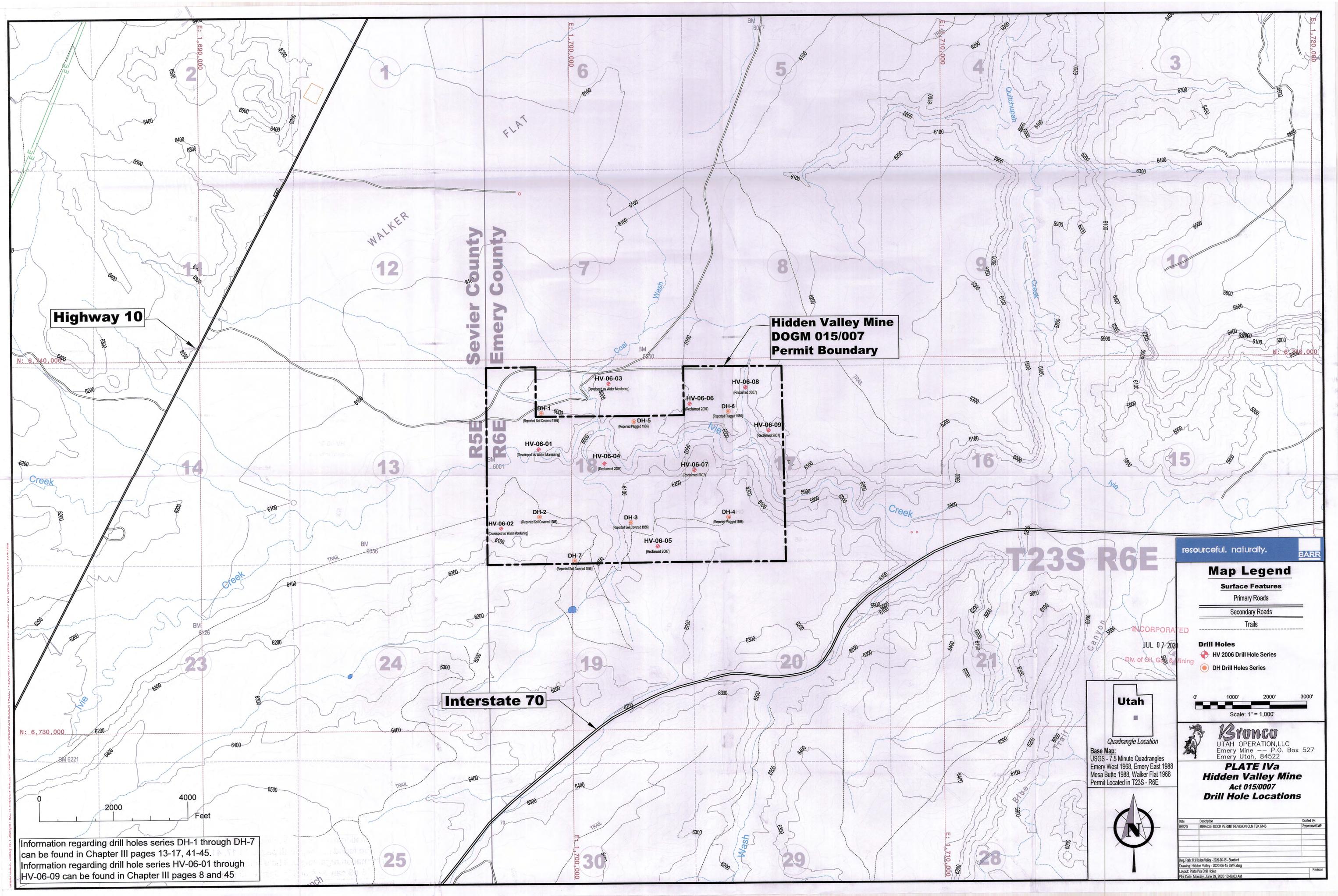
**BRONCO UTAH OPERATIONS, LLC**

P.O. BOX 527  
 PRICE, UT 84522

HIDDEN VALLEY MINE  
 EMERY COUNTY, UTAH

PERMIT NO. ACT015/007

**Plate III-1**  
 Disturbed & Bonding



**Highway 10**

**Hidden Valley Mine  
DOGM 015/007  
Permit Boundary**

**Interstate 70**

Information regarding drill holes series DH-1 through DH-7 can be found in Chapter III pages 13-17, 41-45.  
Information regarding drill hole series HV-06-01 through HV-06-09 can be found in Chapter III pages 8 and 45

resourceful. naturally. **BARR**

### Map Legend

**Surface Features**

- Primary Roads
- Secondary Roads
- Trails

**Drill Holes**

- HV 2006 Drill Hole Series
- DH Drill Holes Series

0' 1000' 2000' 3000'  
Scale: 1" = 1,000'

**Utah**  
Quadrangle Location

Base Map:  
USGS - 7.5 Minute Quadrangles  
Emery West 1968, Emery East 1988  
Mesa Butte 1988, Walker Flat 1968  
Permit Located in T23S - R6E

**Bronco**  
UTAH OPERATION, LLC  
Emery Mine — P.O. Box 527  
Emery Utah, 84522

**PLATE IVa  
Hidden Valley Mine  
Act 015/0007  
Drill Hole Locations**

Date	Description	Drawn By
06/20	MIRACLE ROCK PERMIT REVISION CLN TSK 6146	Sydney/SWF

Draw Path: H:\Hidden Valley - 2020\06-15 - Standard  
Drawing: Hidden Valley - 2020-05-15 SWF.dwg  
Layout: Plate Iva Drill Holes  
Plot Date: Monday, June 29, 2020 10:46:03 AM