XBOW MINING, LLC



3737 Hwy 133, P.O. Box 535, Somerset, Colorado 81434 USA Tel (970) 929-5122 Fax (970) 929-5177

March 1, 2023

Mr. Leigh Simmons **Environmental Protection Specialist** Colorado Division of Reclamation, Mining and Safety 1313 Sherman Street, Room 215 Denver, CO 80203

Re:

Permit No. C-1981-022, Permit Renewal No. 8, Oxbow Mining, LLC, Elk Creek and

Sanborn Creek Mines

Dear Mr. Simmons:

The purpose of this letter is to initiate the permit renewal process (RN-8) for the Oxbow Mining, LLC, Elk Creek and Sanborn Creek Mines in accordance with CDMG Rule 2.08.5 Right of Successive Renewal.

Name and address of permittee:

Oxbow Mining, LLC (OMLLC)

3737 Highway 133, P.O. Box 535

Somerset, CO 81434

Term of the requested renewal:

5 years

Permit Number:

C-1981-022

Description of any changes proposed by RN-8:

None proposed.

Copy of proposed newspaper notice in accordance with Rule 2.07.3(2): See Attached

Evidence of liability Insurance:

See Attached

Also included with this renewal application is an "APPLICATION FORM - RENEWAL OF A VALID, EXISTING PERMIT TO CONDUCT COAL MINING IN COLORADO."

Upon notification by the Division that the renewal application is complete the attached public notice will be published in the Delta County Independent for four consecutive weeks.

Please contact me at 970-929-6034 if you any questions or comments regarding this permit renewal application.

Sincerely,

Doug A. Smith Chief Engineer

Attachments

Xc: Michael Ludlow, (OMLLC)

Dong a. Smith

Delta County Gunnison County USFS, PRD BLM, UFO Paonia Library

Files

PROPOSED PUBLIC NOTICE

Oxbow Mining, LLC, (OMLLC) located at 3737 Hwy 133, P.O. Box 535, Somerset, CO 81434 has submitted to the Colorado Division of Reclamation, Mining and Safety, (CDRMS) an application for renewal of a valid, existing permit to conduct coal mining in Colorado for it's mining Permit C-1981-022. The application covers the combined operation of the Elk Creek and Sanborn Creek mines.

The permit area is located within the area shown on the U.S. Geological Survey 7.5 minute, Somerset and Bowie Quadrangle maps and more particularly described as follows:

The surface facilities for the Elk Creek and Sanborn Creek mines are located north of the town of Somerset, which is located nine miles northeast of Paonia, Colorado. The facilities are located north of the North Fork of the Gunnison River (located due south of the town of Somerset), north of State Highway 133 and north of the Union Pacific Railroad right-of-way. The Elk Creek mine portal is located approximately one mile north and the reclaimed Sanborn Creek mine portal is located approximately one mile east of the town of Somerset.

The Elk Creek Mine and Sanborn Creek Mine permit area is located on the following described lands:

Township 12 South, Range 90, West, 6th PM

Sec. 27: S1/2SW1/4

Sec. 28: S¹/₂S¹/₂

Sec. 29: S½S½

Sec. 30: S½S½

Sec. 31: All

Sec. 32: All

Sec. 33: All

Sec. 34: NW¹/₄ + Lots 3, 4, 5, 6, 11, 12, 13, 14, 19 and 20

Township 12 South, Range 91, West, 6th PM

Sec. 25: S¹/₂S¹/₂

Sec. 26: S¹/₂S¹/₂

Sec. 27: SE1/4SE1/4

Sec. 34: Lots 8, 9, 15, 16, E ½NE¼

Sec. 35: All

Sec. 36: All

Township 13 South, Range 89, West, 6th PM

Sec. 6: Lots 17, 21, 22

Sec. 7: Lots 1, 2, and 3 North of the Centerline of the River

Township 13 South, Range 90, West, 6th PM

Sec. 1: All

Sec. 2: All

Sec. 3: Lots 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, S½SW¼

Sec. 4: Lots 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, S½S½

Sec. 5: All

Sec. 6: All

Sec. 7: All

Sec. 8: All North of the Centerline of the River & Town of Somerset

Sec. 9: All North of the Centerline of the River

Sec. 10: All North of the Centerline of the River

Sec. 11: Lots 1, 2, 3, 4, 5, 6, 7, 8, Lot 9 North of the Centerline of the River, NW¼ SE¼ North of the Centerline of the River, N½SW¼ North of the Centerline of the River, NW ¼ SW ¼ North of the Centerline of the River

Sec. 12: Lots 1, 2, 3, 4, 5, 6, 7, 8, North of the Centerline of the River, S½NW¼, SW ¼NE¼, and NW¼SW¼ North of the Centerline of the River

Sec. 17: NE¼NW¼, and NW¼NE¼ North of the Centerline of the River and Town of Somerset

Township 13 South, Range 91, West, 6th PM

Sec. 1: All

Sec. 2: Lots 1, 2, 3, 4, S½NW¼, S½NE¼, SE¼, N½SW¼

Sec. 3: Lots 1, 2, 3, S½NE¼, N½SE¼

Sec. 11: E½NE¼

Sec. 12: All

Sec. 13: Lot 1, N½NE¼

The Permit area contains approximately 15,676.51 acres of surface lands of which 5,551 acres are on private land and 10,125.51 acres are on Federal land. The Permit area is located within both Delta and Gunnison Counties.

A copy of the Permit renewal application is available for public inspection at the Delta County Planning Office, 501 Palmer Street, Delta, CO 81416, the Gunnison County Planning Office, 221 North Wisconsin Street – Suite D, Gunnison, CO 81416 and the Paonia Public Library, 140 Grand Avenue, Paonia, CO 81428 and at the offices of the Colorado Division of Reclamation, Mining and Safety (CDRMS), 1313 Sherman Street, Room 215, Denver, CO 80203, telephone number 303-866-3567.

Written comments, objections or requests for an informal conference on the renewal application may be submitted to and additional information obtained from the CDRMS at the address noted above. Comments may be submitted to the CDRMS within 30 days of the last publication of this notice.



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY) 05/23/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is SUBROGATION IS WAIVED, subject to certificate does not confer rights to th	the	term	is and conditions of th	ne policy, c	ertain polici	ADDITIONA les may requ	L INSURED provision uire an endorsement.	s or be e A statem	ndorsed. If ent on this
PRODUCER Ann Risk Services Southwest, Inc. Dallas TX Office	e cer	штса	te noiger in lieu of suc	CONTAC NAME: PHONE (A/C. No.	(866) 3	283- 71 22	FAX (A/C. No.): (800) 363-010)5
5005 Lyndon B Johnson Freeway				E-MAIL ADDRES	S:				
Suite 1500 Dallas TX 75244 USA				INSURER(S) AFFORDING COVERAGE			NAIC #		
INSURED				INSURER A: Zurich American Ins Co					16535
Oxbow Mining, LLC				INSURER	В:				
1601 Forum Place Suite 1400				INSURER C:					
West Palm Beach FL 33401-8101 USA				INSURER D:					
				INSURER E:					
				INSURER	F:		EVISION NUMBER:		
COVERAGES THIS IS TO CERTIFY THAT THE POLICIES INDICATED. NOTWITHSTANDING ANY RECERTIFICATE MAY BE ISSUED OR MAY EXCLUSIONS AND CONDITIONS OF SUCH	OF I	NSUR EMEN	NT, TERM OR CONDITIC	HAVE BEEN ON OF ANY BOED BY T	CONTRACT HE POLICIES	THE INSURE OR OTHER DESCRIBE	ED NAMED ABOVE FOR DOCUMENT WITH RESF D HEREIN IS SUBJECT	TO ALL T	MHICH IHIS I
INSR TYPE OF INSURANCE		SUBF		R	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIN	uts	
A X COMMERCIAL GENERAL LIABILITY	11430	1410	GL0926594912		06/01/2022	06/01/2023	EACH OCCURRENCE		\$2,000,000
CLAIMS-MADE X OCCUR			SIR applies per po	nicy ter	is & conart	IONS	PREMISES (Ea occurrence)		\$1,000,000
							MED EXP (Any one person)		\$10,000
							PERSONAL & ADV INJURY		\$1,000,000
GEN'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE	-	\$4,000,000
POLICY PRO-							PRODUCTS - COMP/OP AGG		\$2,000,000
A AUTOMOBILE LIABILITY			BAP 9265950-12		06/01/2022	06/01/2023	COMBINED SINGLE LIMIT (Ea accident)		\$1,000,000
							BODILY INJURY (Per person)		
X ANY AUTO OWNED SCHEDULED							BODILY INJURY (Per accident)	
X HIRED AUTOS NON-OWNED							PROPERTY DAMAGE (Per accident)		
ONLY AUTOS ONLY									
UMBRELLA LIAB OCCUR							EACH OCCURRENCE	-	
EXCESS LIAB CLAIMS-MADE							AGGREGATE	+	
DED RETENTION							DED CTATUTE OT		
WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N							PER STATUTE OTI	H-	
ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED?	N/A						E.L. EACH ACCIDENT	+	
(Mandatory in NH)	1						E.L. DISEASE-EA EMPLOYEE E.L. DISEASE-POLICY LIMIT	+	
If yes, describe under DESCRIPTION OF OPERATIONS below	-	-					E.L. DISEASE-FOLIOT LIMIT	_	
		ļ							
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHIC RE: Elk Creek Mine Permit #1981 -		CORD	101, Additional Remarks Sche	dule, may be a	ttached If more :	space is require	d)		ORE THE WITH THE
CERTIFICATE HOLDER			С	ANCELLA	TION				
				SHOULD A EXPIRATION POLICY PRO	DATE THERE	ABOVE DESCRI OF, NOTICE W	IBED POLICIES BE CANCE ILL BE DELIVERED IN ACC	ELLED BEF ORDANCE	ORE THE WITH THE
			AL	AUTHORIZED REPRESENTATIVE					
Mining and Safety 1313 Sherman Street Room 215 Denver CO 80203 USA			-	Aon Risk Services Southwest Inc.					

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COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY

1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567

APPLICATION FORM RENEWAL OF A VALID, EXISTING PERMIT TO CONDUCT MINING IN COLORADO

This form is an application for successive renewal of a valid, existing permit to conduct surface or underground mining and reclamation activities or other surface coal mining and reclamation operations in Colorado pursuant to C.R.S. 34-33-101, *et seq.* This application form is designed to revise and update the application form currently included in your permit application. The right of successive renewal applies only to lands and activity which were permitted during the previous term. Extensions of the permit area and significant new activity within the permit area are subject to the review procedures applicable to new permit applications, in accordance with Rule 2.08.5(1)(c) and 2.08.4.

For a renewal application to be deemed complete by the Division pursuant to C.R.S. 34-33-109(7), an applicant must submit: (1) all information as specified on this application form; (2) a copy of the newspaper notice; (3) evidence that a liability insurance policy will be provided for the proposed period of renewal; and (4) five reproducible copies of the permit renewal application with original signatures.

For federal mines, a copy of the renewal application must be submitted to all agencies on the federal agency mailing list at the same time the application is submitted to the Division, and proof of distribution must be submitted to the Division. Copies of renewal pages modified during the review process must be distributed in the same manner, along with proof of distribution. Proof of distribution must be submitted prior to implementation of the renewal.

GENERAL OPERATION INFORMATION

Type or print clearly the appropriate information as listed below. Supplemental sheets may be used as necessary. Such sheets must be attached to the form and referenced or keyed to the numbers on the form.

- 1. Permittee: OXBOW MINING, LLC.
- 2. Name of Operation: ELK CREEK AND SANBORN CREEK MINE
- 3. Permit Number (same as current permit number): C 81 022
- 4. Type of Revision: Renewal Number: 08
- 5. Application Submittal Date: 03 / 01 / 23

		2					
6.	Correspondence Information	า					
	APPLICANT/OPERATOR	(Name, Address and Phone of Name to be used on Permit) MICHAEL LUDLOW					
	Individual's Name:	OXBOW MINING, LLC.					
	Company Name:	P.O. BOX 535					
	Street:						
	City:	SOMERSET					
	State:	CO					
	Telephone:	(970 ₎ 929-5122					
	PERMITTING CONTACT	(If different from Applicant/Operator above)					
	Individual's Name:	DOUG SMITH					
	Company Name:	OXBOW MINING, LLC.					
	Street:	P.O. BOX 535					
	City:	SOMERSET					
	State:	CO					
	Telephone:	(970 ₎ 929-6034					
	INSPECTION CONTACT	(If different from Applicant/Operator above)					
	Individual's Name:	DOUG SMITH					
	Company Name:	OXBOW MINING, LLC.					
	Street:	P.O. BOX 535					
	City:	SOMERSET					
	State:	CO					
	Telephone:	(970) 929-6034					
7.	Location Information: The good County: GUNNISON	enter of the operation lies in -					
	USGS Quadrangle: SOMERSET						
	Principal Meridian (check one): 6th (Colorado) 10th (New Mexico) Ute						
	Township (Write number and check direction): 13 North South						
	Range (Write number and check direction): 90East West						
	Section: 5 Quarter Section (Check one): NE NW SE SW						
	Quarter-Quarter Section (Check one): NE NW SE SE						
	Longitude (Write number):						
		00 . 0 Seconds (0.00-60.0)					

Latitude (Write number): ____38 __ Degrees (37-41) __55 __ Minutes (0-60) ___45 __ 0 __ Seconds (0.00-60.0)

General Description (Miles and direction from nearest town and approximate elevation): THE MINE IS LOCATED DUE NORTH OF THE TOWN OF SOMERSET,

COLORADO. THE ELEVATION IS APPROXIMATELY 6900 FEET ABOVE MEAN SEA LEVEL.

	Permitted	Actual	Proposed
8. Mineral ownership: Indicate currently permitted acreage for each			
Federal: acres	10,125.51		
State: acres	0		
Private: acres	5,551.0		
Indian: acres	0		
9. Surface ownership: Indicate currently permitted acreage for each			
Federal:acres	10,125.51		
State: acres	0		
Private: acres	5,551.0		
Indian: acres	0		
10. Affected area (in acres)	6659.17		
11. Disturbed area (in acres)	226.99		
12. Acreage of area reclaimed in previous permit term			
A. Backfilled and graded	N/A	180.1	N/A
B. Retopsoiled	N/A	180.1	N/A
C. Reseeded	N/A	180.1	N/A
13. Acreage for which bond has been released			
A. 60 percent	N/A	166.04	N/A
B. 85 percent	N/A	166.04	N/A
C. 100 percent	N/A	71.09	N/A
14. Renewal Term Requested (Years)	N/A	N/A	5

15.	Type of Mine (Check one): Lunderground	l Surface
	Combined Surface and Underground	
	oadout Other	

16.	Current Permit Status (Check one):	Temporary Cessation
	Permanent Cessation (Reclamation Only)	Inactive/Phase II Bond Release
	Suspended	

17. Current Estimated Life of Mine (in years): N/A

APPLICATION REQUIREMENTS

Type or clearly print the appropriate original or revised page number(s) of the permit application in the spaces below. Where a map has been used to supplement or clarify the narrative, indicate in the space provided where the appropriate map(s) may be found in the application. The asterisk (*) denotes sections where maps are required.

Each application for permit renewal must provide appropriate information which minimally addresses each of the following requirements. The narrative should describe the conditions which have been encountered during the previous permit term, and analyze how those conditions compare with those anticipated in the original permit application. These narratives should be submitted as revised pages.

In cases where any item is not applicable, the applicant should so specify.

		Location in Application	
	INFORMATION CATEGORY	NARRATIVE	MAPS
2.03.4	Identification of Interests	2.03-6	
2.03.5	Compliance Information	2.03-12	
2.03.6	Rights of Entry and Operation Information	2.03-13	EXHIBIT 2.03-E1
2.03.7	Relationship to Areas Designated Unsuitable for Mining	2.03-16	
2.03.8	Permit Term Information	2.03-16	
2.03.9	Personal Injury and Property Damage	2.03-17	
2.08.5	Bonding Information	3.02-1	EXHIBIT 2.03-E3
	ntification of Other Licenses and Permits	2.03-17	EXHIBIT 2.03-E4
	wspaper Advertisement (Submit a copy of the proposed newspaper advertisement)	2.03-20	EXHIBIT 2.03-E5
2.04.3	Site Description and Land Use Information	2.04-1	*Land Use 2.04(2)(a)
2.04.4	Cultural and Historic Resource Information	2.04-4	EXHIBIT 2.04-E2
2.04.5	General Description of Hydrology and Geology	2.04-6	*Geology, surface and ground water systems of the permit, adjacent and general area 2.04.5(1)

		Location in Application			
	INFORMATION CATEGORY	NARRATIVE	MAPS		
2.04.6	Geology Description	2.04-8	*Geology of the permit area 2.04.6(1)(a) or 2.04.6(2)(a)		
2.04.7(1)	Ground Water Information	2.04-19	*Hydrology 2.04.7(4)		
2.04.7(2)	Surface Water Information	2.04-50	*Hydrology 2.04.7(4)		
2.04.7(3)	Alternative Water Supply Information	2.04-78			
2.04.8	Climatological Information	2.04-78			
2.04.9	Soils Resource Information	2.04-83	*Soils 2.04.9(1)(c)		
2.04.10Vege	etation Information	2.04-102	*Vegetation 2.04.10(1)		
2.04.11Fish	and Wildlife Resources Information	2.04-106	EXHIBIT 2.04-E7		
2.04.12Prim	e Farmland Investigation	2.04-108			
2.05.2	Operation Plan: Estimated Area for Life of Operation	2.05-1			
2.05.3	Operation Plan: Permit Area	2.05-3	*Operation Plan 2.05.3		
2.05.3(1)	Production Methods and Equipment	2.05-4			
2.05.3(2)	Operation Description	2.05-8	MAP 2.05-M1 MAP 2.05-M2		
2.05.3(3)	Mine Facilities	2.05-8 MAP	MAP 2.04-M3 MAP 2.05-M1 MAP 2.05-M3XX		
2.05.3(4)	Ponds, Impoundments and Diversions	2.05-32	EXHIBIT 2.05-E3 MAP 2.05-M4 MAP 2.05-M5X		
2.05.3(5)	Topsoil (removal and storage)	2.05-38	EXHIBIT 2,05-E5, MAP 2.05-M1		
2.05.3(6)	Overburden	2.05-39			
2.05.3(7)	Coal Handling Structures	2.05-41			
2.05.3(8)	Coal Processing Waste and Non-Coal Processing Waste	2.05-44			
2.05.3(9)	Return of Coal Processing Waste to Abandoned Workings	2.05-48			
2.05.4	Reclamation Plan	2.05-48	EXHIBIT2.05-E3,E6,MAPM6,M7		

		Location	Location in Application	
	INFORMATION CATEGORY	NARRATIVE	MAPS	
2.05.4(2)(a)	Timetables	2.05-60,2.05-65		
2.05.4(2)(b)	Reclamation Cost Estimates		EXHIBIT 2.03-E3	
2.05.4(2)(c)	Backfilling and Grading		*Post-mining topography 2.05.4(2)(c)	
2.05.4(2)(d)	Topsoil (Redistribution)	2.05-48 ET AL		
2.05.4(2)(e)	Revegetation	2.05-64	EXHIBIT 2.05-E6	
2.05.4(2)(f)	Disposal of Debris, Acid-Forming and Toxic-Forming Materials	2.05-67		
2.05.4(2)(g)	Sealing or Managing Mine Openings, Exploration Holes, Other Boreholes or Wells	2.05-69		
2.05.5	Post-Mining Land Uses	2.05-7	*Post-Mining Land Use 2.05.5(1)(c) or (2)(c)	
2.05.6	Mitigation of the Impacts of Mining Operations	2.05-71		
2.05.6(1)	Air Pollution Control Plan	2.05-71	EXHIBIT 2.03-E4	
2.05.6(2)	Fish and Wildlife Plan	2.05-72	EXHIBIT 2.03-E7	
2.05.6(3)	Protection of the Hydrologic Balance	2.05-73	MAP 2.05-M4,M5,EXHIBIT 2.05-E3	
2.05.6(4)	Protection of Public Parks and Historic Places	2.05-101		
2.05.6(5)	Surface Mining Near Underground Mining	2.05-102		
2.05.6(6)	Subsidence Survey, Subsidence Monitoring and Subsidence Control Plan	2.05-102	EXHIBIT 2.05-E8	
2.06	Special Categories of Mining	2.06-1		
2.06.8	Alluvial Valley Floors (If not applicable, demonstrate why)	2.06-3	*Reconnaissance Level AVF Investigation 2.06.8(5)(b)	
	Additional Information the Applicant May Wish to Submit			

To the best of my knowledge, all the information presented in this application is true and correct.

TITLE: PRESIDENT

(Signature by Individual Legally Authorized to Bind the Operator to this Application)