0011

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Robert L. Morgan
State Engineer

1636 West North Temple, Suite 220
Salt Lake City, UT 84116-3156
801-538-7240
801-538-7467 (Fax)

April 29, 1996

Sharon, then file PP0/007/020 #2

RE: Stream Channel Alteration No. 96-91-06SA
Jewkes Creek & Portal Canyon Drainage
Horizon Coal Corporation

Attached is a copy of Application to Alter a Natural Stream No. 96-91-06SA. Your comments are requested so we can evaluate any impacts caused by the project.

We are requesting that all comments be returned to me at our office prior to **May 19, 1996**. If we do not receive comments by that date, we will assume you have no input on the proposal outlined in the application.

If you have any questions or comments, feel free to contact Greg Mladenka at 538-7375.

Sincerely,

Judy Mattson
for Greg Mladenka
Stream Alteration Specialist

GCM/jm

pc: Bob Mairley - EPA
Mike Schwinn - Corps of Engineers
Field Supervisor - U. S. Fish & Wildlife
Mark Page - Regional Engineer
Bill Bates - Regional Wildlife Habitat Manager
Bill Bradwisch - Aquatic Habitat Coordinator
Rick Summers - Department of Environmental Quality, Water Quality Div.
Karl Kappe - State Lands & Forestry
Carolyn Wright - State Planning & Coordinator's Office
Terry Green - State Parks & Recreation
Jim Dykmann - State Office of Historic Preservation
W. D. Robinson - Department of Agriculture, Env. Quality Section
Nancy Barr - Comprehensive Emergency Management
J. Mark & James Jacobs - Adjacent Property Owner
Hidden Splendor Resources - Adjacent Property Owner
Roy M. & Tessie K. Farley - Adjacent Property Owner
Bureau of Land Management - Adjacent Property Owner
DOGM " " "

UTAH CENTENNIAL 1896-1996

JOINT PERMIT APPLICATION FORM

U. S. ARMY CORPS OF ENGINEERS - FOR SECTIONS 404 AND 10
UTAH STATE ENGINEER'S OFFICE - FOR NATURAL STREAM CHANNELS

Application Number _____ / 96-91-06 SA
(Assigned by:) Corps State Engineer

Applicant's Name (Last, First M.I.)	Authorized Agent	Telephone Number and Area Code
Horizon Coal Corporation	Bradley J. Bourquin	(703) 679-0804

Applicant's Address (Street, RFD, Box Number, City, State, Zip)
P.O. Box 2560 Wise, VA 24293

PROJECT LOCATION

Quarter Section(s)	Section	Township	Range	Base & Meridian
E 1/2 SW 1/4	17	13S	8E	SLBM

County	Watercourse to be altered	Check one: ___Within city limits X Outside city limits
Carbon	Jewkes Creek, Portal Canyon Drainage	List town or nearest town: Price

Project location or address:
Approximately 14 miles northwest of Price, Utah in Consumers Canyon

Brief description of project: Jewkes Creek and intermittent stream meanders through the area planned for facility development by Horizon Coal. The entire flow from Jewkes Creek and the Portal Canyon drainage within the Horizon disturbed area will be diverted through two culverts. The combined flow will empty into an open channel which flows to the North Fork of Gordon Creek. The stream channels will be realigned to flow within these culverts.

Purpose (justification) of project: Installation of the culverts will allow coal trucks to access the site and turn around within the site. The culverts will also protect the water source from contamination by coal mining operations.

Is this a single and complete project or is it part of a larger project, continuing project, or other related activities? If so, please describe the larger project or other related activities.

A mining and reclamation plan was submitted to UDOGM in May 1995, with a revised copy submitted March 1996. Runoff and sediment-control facilities will be installed at the site in accordance with UDOGM R645 rules. Please refer to the mining and reclamation plan for additional details.

If project includes the discharge of dredged or fill material:

No dredged or fill material will be discharged.

Cubic yards of material:

Acreage or square footage of waters of the United States, including wetlands, affected by the project:

Source and type of fill material:

Alternatives (other ways to accomplish the project purpose): Other areas not previously disturbed by mining were examined for facility development, however they were eliminated. The proposed site for Horizon Coal facilities and portals has all previously been disturbed by mining. Exisiting portals will be used for access and removal of coal. Jewkes Creek flows atop stream sediment and coal mining waste. New disturbance was determined to be more detrimental than redisturbance. Leaving the stream channel uncovered (non-culverted) was considered, but determined not to be advantageous.

Names and addresses of adjacent property owners or other individuals who may be affected by this project:
J. Mark and James Jacobs own land upstream and downstream of the proposed project.
Hidden Splendor Resources own land upstream and down stream of the proposed project.
Roy M. and Tessie K. Farley own land upstream of the proposed project.
United States of America own land downstream of the proposed project.
Hidden Splendor Resourses owns the land on which the proposed project facilities lie.

List other authorizations required by Federal, state or local governments (i.e.; National Flood Insurance Program), and the status of those authorizations. A permit application package has been submitted to the Division of Oil, Gas & Mining for approval. This application is currently under review. Estimated starting and completion dates are predicated upon the receipt of UDOGM approval and construction feasibility at the time. The dates are considered to be the earliest and latest dates for starting and completing culvert installation.

Estimated starting date of project	Estimated completion date
June 1, 1996	September 30, 1996

(If project has already been partially or totally completed, indicate date of work. Indicate existing work on drawings).

Application is hereby made for a permit or permits to authorize the activities described herein. I certify that I am familiar with the information contained in the application, and that to the best of my knowledge and belief such information is true, complete and accurate. I further certify that I possess the authority to undertake the proposed activities or am acting as the duly authorized agent of the applicant.

Signature of applicant	Date
Bradley J. Bourquin	4/22/96

I hereby certify that Bradley J. Bourquin is acting as my agent for this project.

Agent's address and telephone number

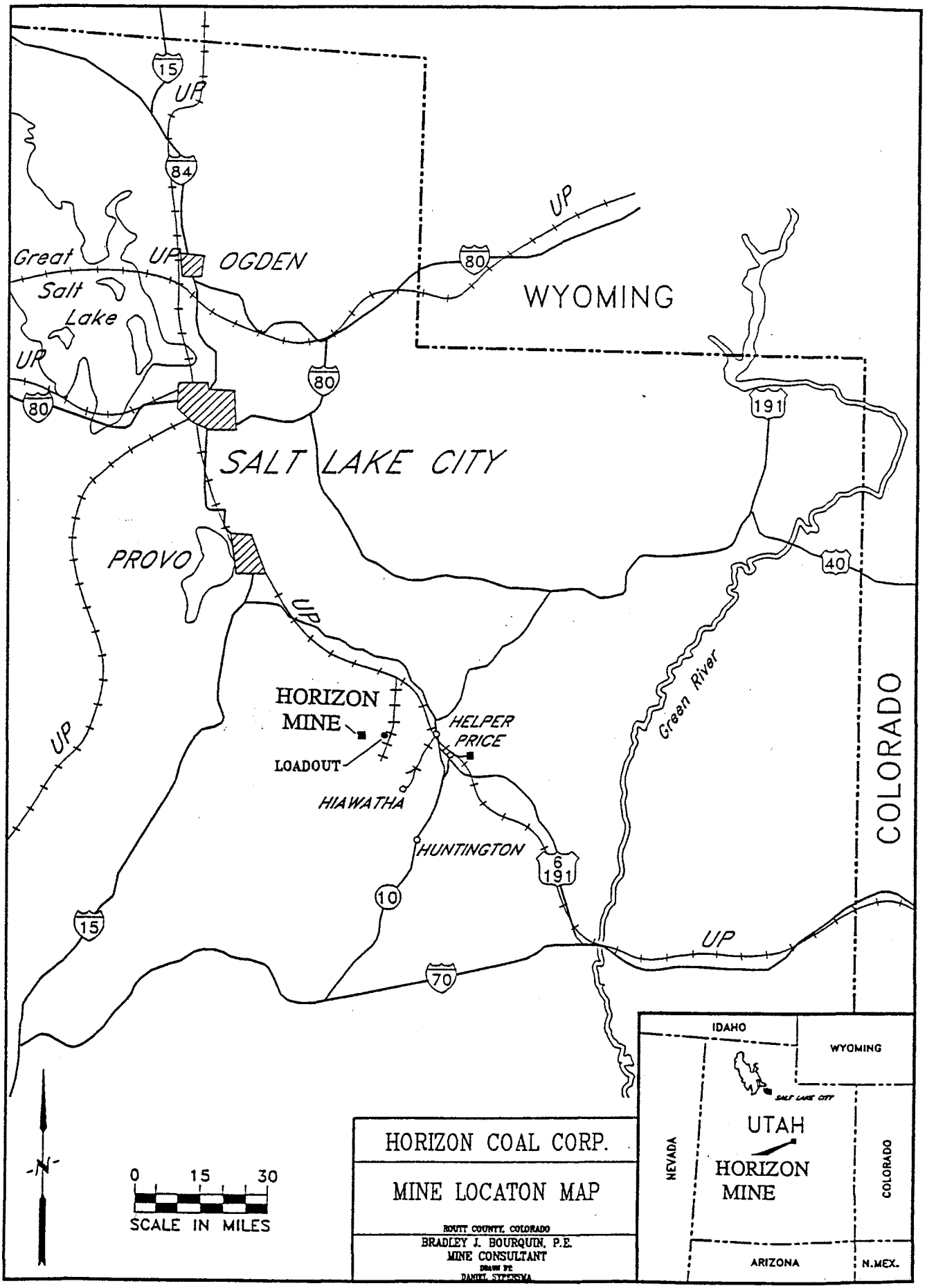
1131 South Dover Street Lakewood, CO 80232 (303) 989-4242

INSTRUCTIONS

Applications which do not include the following will not be processed.

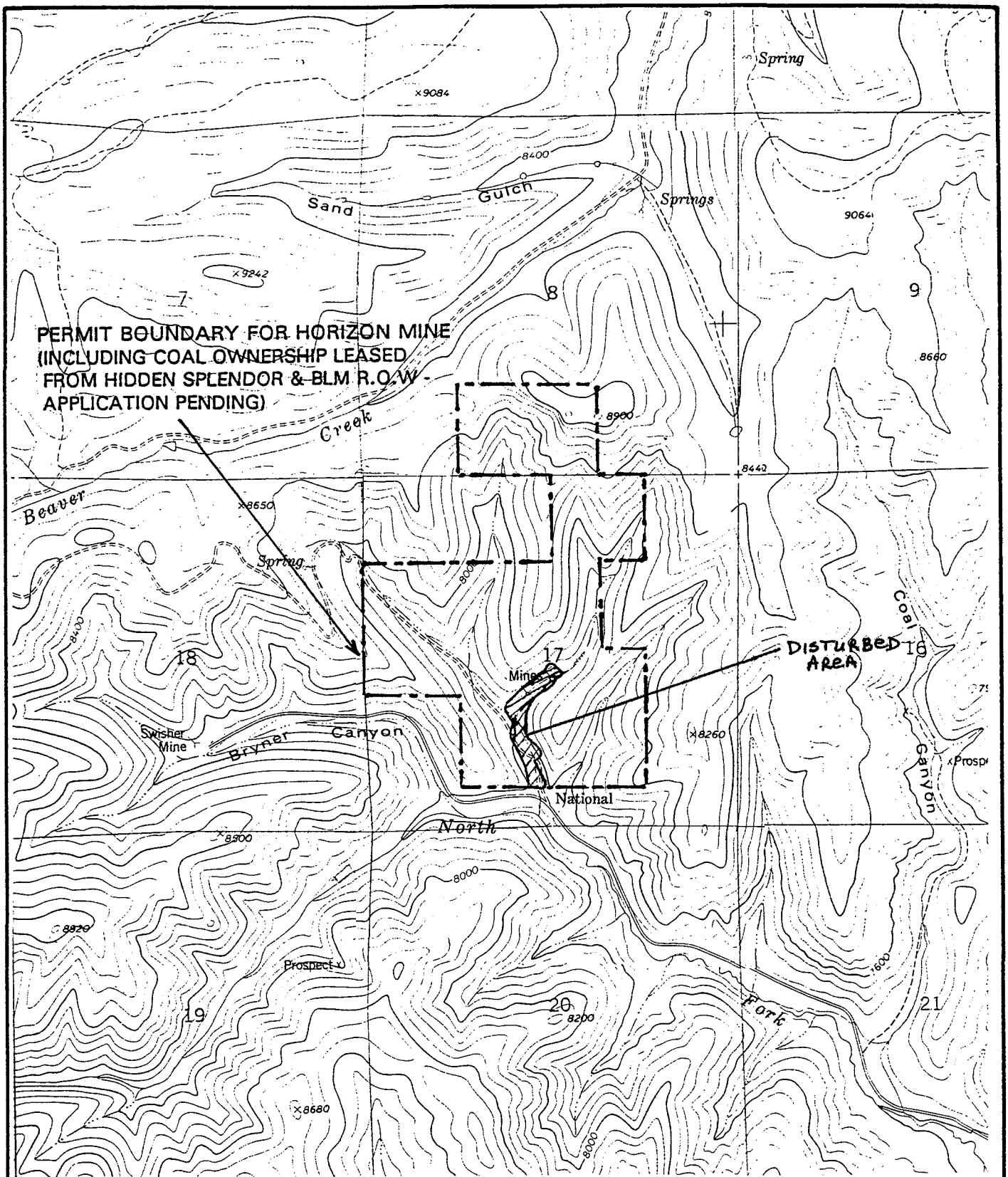
For a complete application, you **MUST** include the following on **8 1/2 by 11** paper (for large projects, multiple sheets with a key may be used). Clear, hand-drawn plans approximately to scale are acceptable.

1. An accurate location map (USGS quadrangle map preferred)
2. A plan view of the proposed activity (as seen from above) including dimensions of work.
3. A cross-section view of the proposed activity (may use typical cross-section for large projects) including dimensions.
4. For projects which include wetlands, an accurate wetland delineation must be prepared in accordance with the current method required by the Corps.



15
UP
84
UP
OGDEN
Great
Salt
Lake
UP
80
80
80
WYOMING
191
SALT LAKE CITY
PROVO
UP
40
Green River
COLORADO
HORIZON
MINE
LOADOUT
HELPER
PRICE
HIAWATHA
HUNTINGTON
6
191
10
15
UP
70
N
0 15 30
SCALE IN MILES
HORIZON COAL CORP.
MINE LOCATON MAP
ROUTT COUNTY, COLORADO
BRADLEY J. BOURQUIN, P.E.
MINE CONSULTANT
DRAWN BY:
DANIEL SYPERSMA
IDAHO
WYOMING
SALT LAKE CITY
UTAH
HORIZON
MINE
NEVADA
COLORADO
ARIZONA
N.MEX.

T 13 S, R 8 E

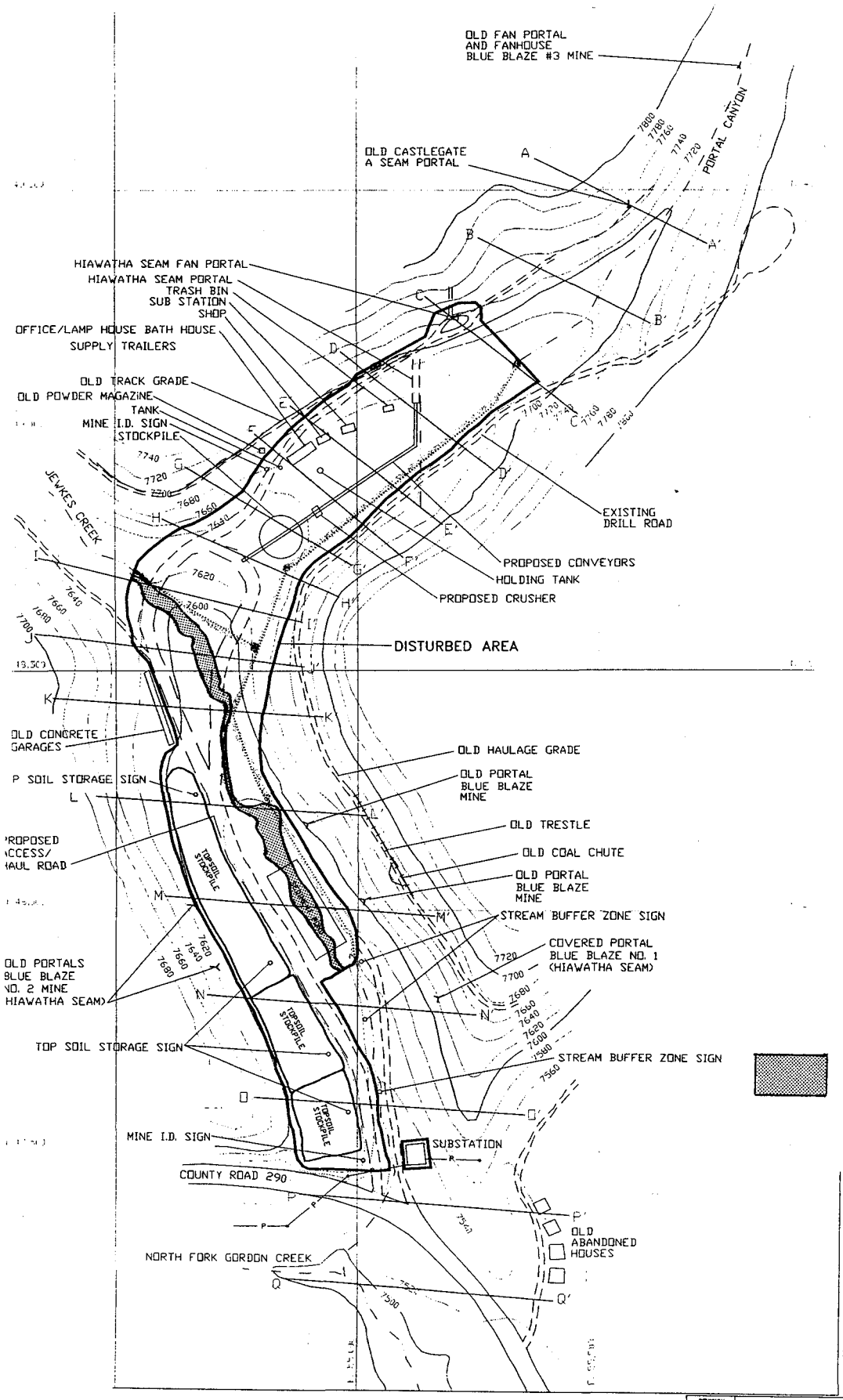


JUMP CREEK, UTAH 1979
USGS 7.5 MINUTE QUAD.

NOT TO SCALE

EarthFax

FIGURE 1-2. PERMIT BOUNDARY MAP.



LEGEND

- A — A' Cross Section Locations
- Unimproved Road
- Improved Gravel Road
- Streams
- Culvert
- P — Power Line

N

0' 100' 200'
APPROXIMATE SCALE

REVISION	
DATE	BY

PLATE 3-1

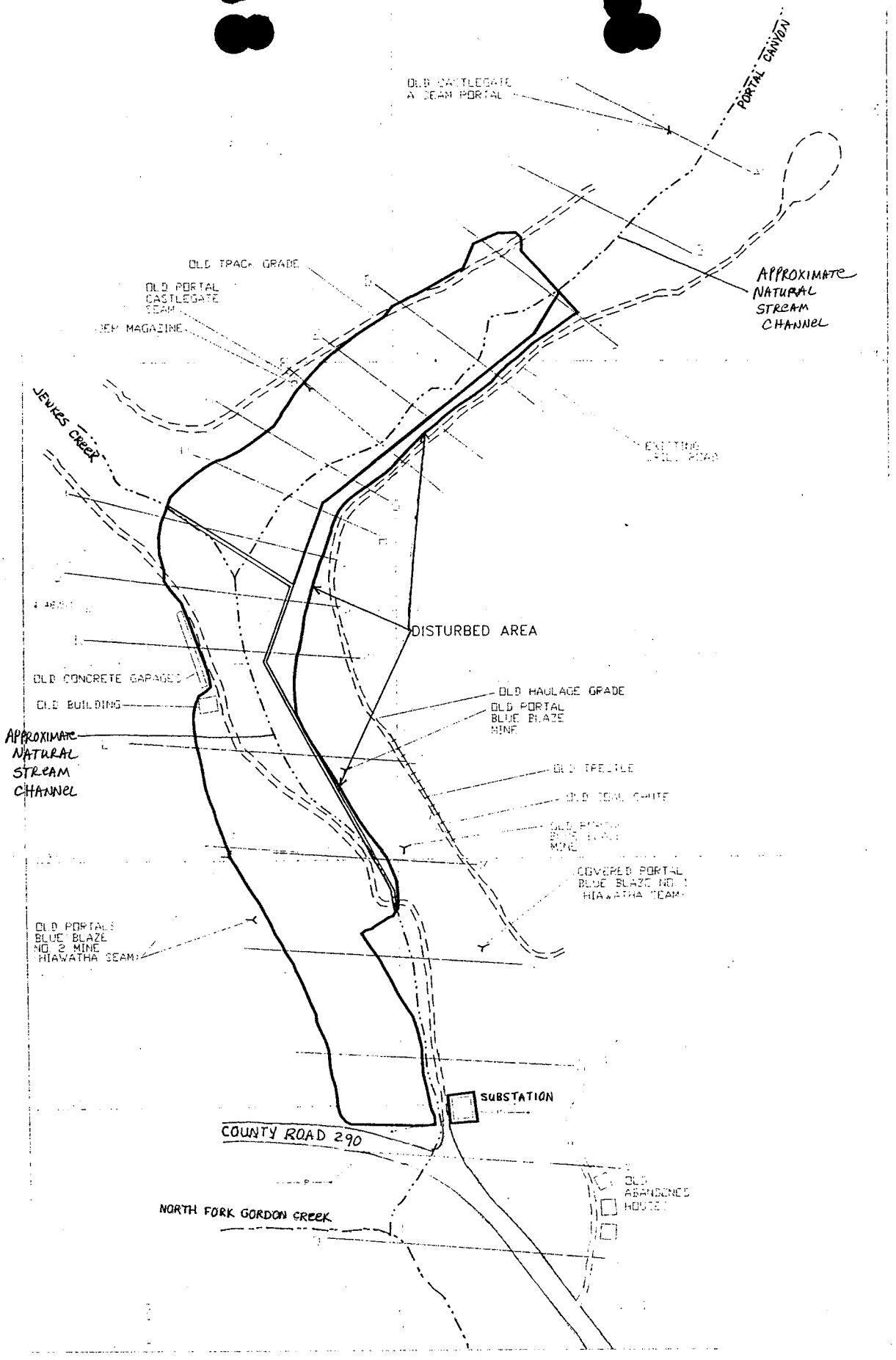
SURFACE FACILITIES

HORIZON No. 1 MINE

HORIZON COAL CORPORATION
P.O. BOX 2560
WISE, VIRGINIA 24273

BOURQUIN MINERAL ENGINEERING
EARTHFAX ENGINEERING, INC.

REGISTERED PROFESSIONAL ENGINEER
No. 7102
RICHARD B. WHITE
3/15/94
STATE OF UTAH



See Plate 3-2 For Premining
And Proposed Slope Cross sections

LEGEND

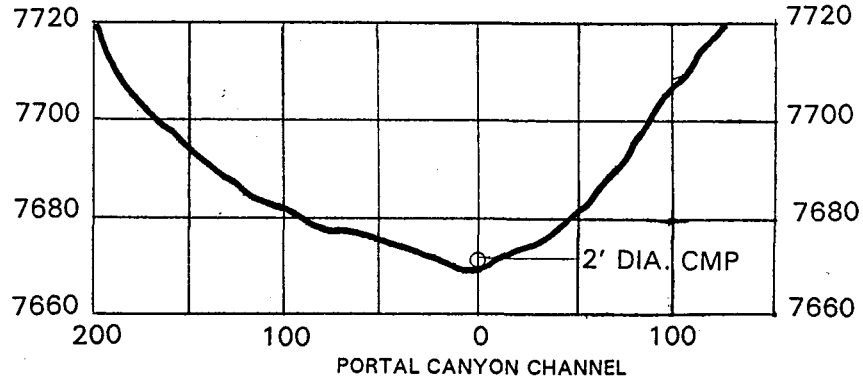
- A——A' Cross Section Locations
- Unimproved Road
- Improved Gravel Road
- Streams
- P—— Power Line
- Portal Canyon Culvert - 2' Dia. CMP
- Jenkes Creek Culvert - 3' Dia. CMP

N

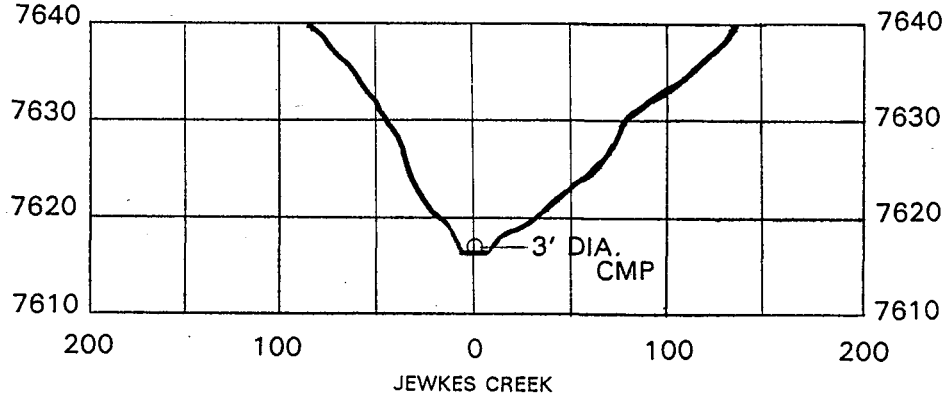
0' 100' 200'
APPROXIMATE SCALE

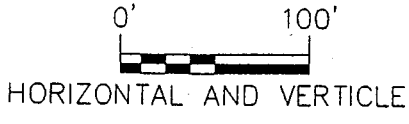
HORIZON
COAL CORPORATION
CULVERTED STREAM
CHANNEL
LOCATIONS

PORTAL CANYON CULVERT (UPSTREAM)



JEWKES CREEK CULVERT (UPSTREAM)





PROJECT CROSS SECTIONS

EarthFax