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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
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October 11, 1985

CERTIFIED RETURN RECEIPT REQUESTED
(P402 457 243)

Mr. Kenneth B. Hutchinson
Chief Engineer
Price River Coal Company
P. O. Box 629
Helper, Utah 84526

Dear Mr. Hutchinson:

RE: Review of Abatement Plans, Notice of Violation N85-8-13-2,
Price River Coal Company, Price River Complex, Hardscrabble
Canyon, ACT/007/004, #3 and #7, Carbon County, Utah

As discussed in a field visit conducted by Division hydrologists Dave Hooper, Jim Fricke and Dave Wham, October 9, 1985, a channel armoring plan was developed for the undisturbed drainage adjacent to Ponds 009. An enclosed map delineates those portions of the ephemeral channel which are to be riprapped and shotcreted. The inner channel sideslope (pond outslope) and channel bottom shall be riprapped using the enclosed gradation curve. In order to prevent riprap failure and piping, it is critical that the riprap material be angular in shape and placed in the graded configuration. Only the pond outslope need be shotcreted according to plan. It is suggested that four inches x four inches remesh be used and be sufficiently anchored to the outslope using fence posts, roof bolts or similar material.

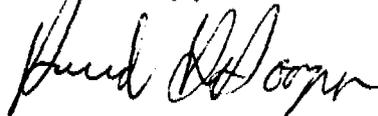
The company shall commit to the above riprap plan and the technical deficiencies stated in the letter sent by the Division September 17, 1985 by October 28, 1985. The company does not have to commit to removal of all boulders greater than 12 inches as stated in Stipulation 3. However, proper realignment of the large boulders to fit the riprap scheme is highly suggested.

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Mr. Kenneth B. Hutchinson
ACT/007/004
October 11, 1985

Thank you for your cooperation in this matter. Please contact me or Dave Hooper should you have any questions.

Sincerely,



FOR

D. Wayne Hedberg
Permit Supervisor/
Reclamation Hydrologist

DH/btb

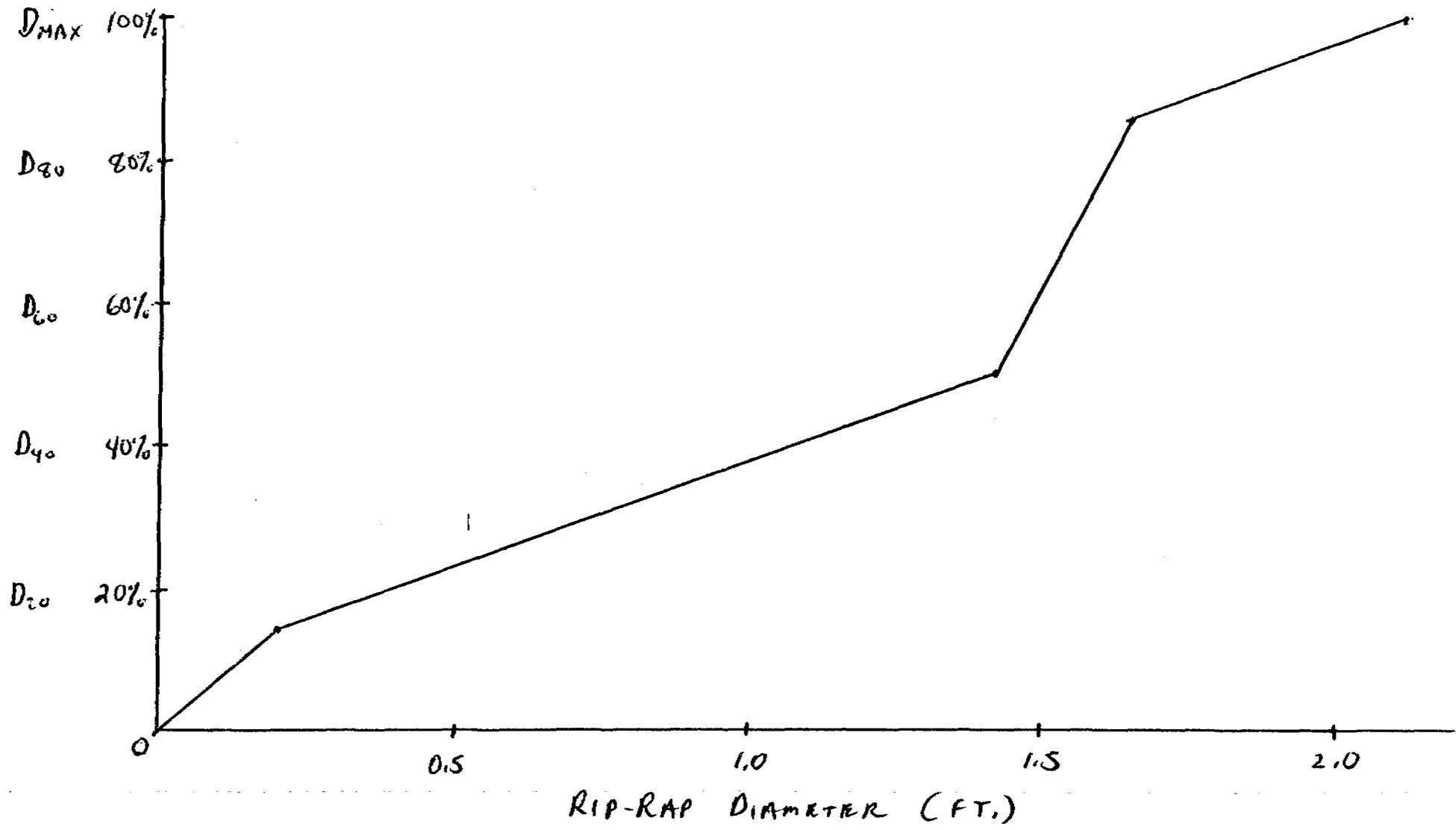
Enclosure

cc: Allen Klein
Lowell Braxton
Jim Fricke
Dave Wham
John Whitehead
Tom Wright

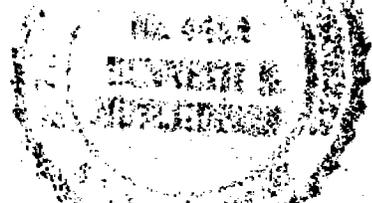
0338R-23 & 24

RIP-RAP GRADATION CURVE - UNDISTURBED
DRAINAGE ADJACENT TO PONDS 009
PRICE RIVER COAL CO. - HANDSCRABBLE

RIP-RAP MATERIAL FOR WHICH X% IS FINER



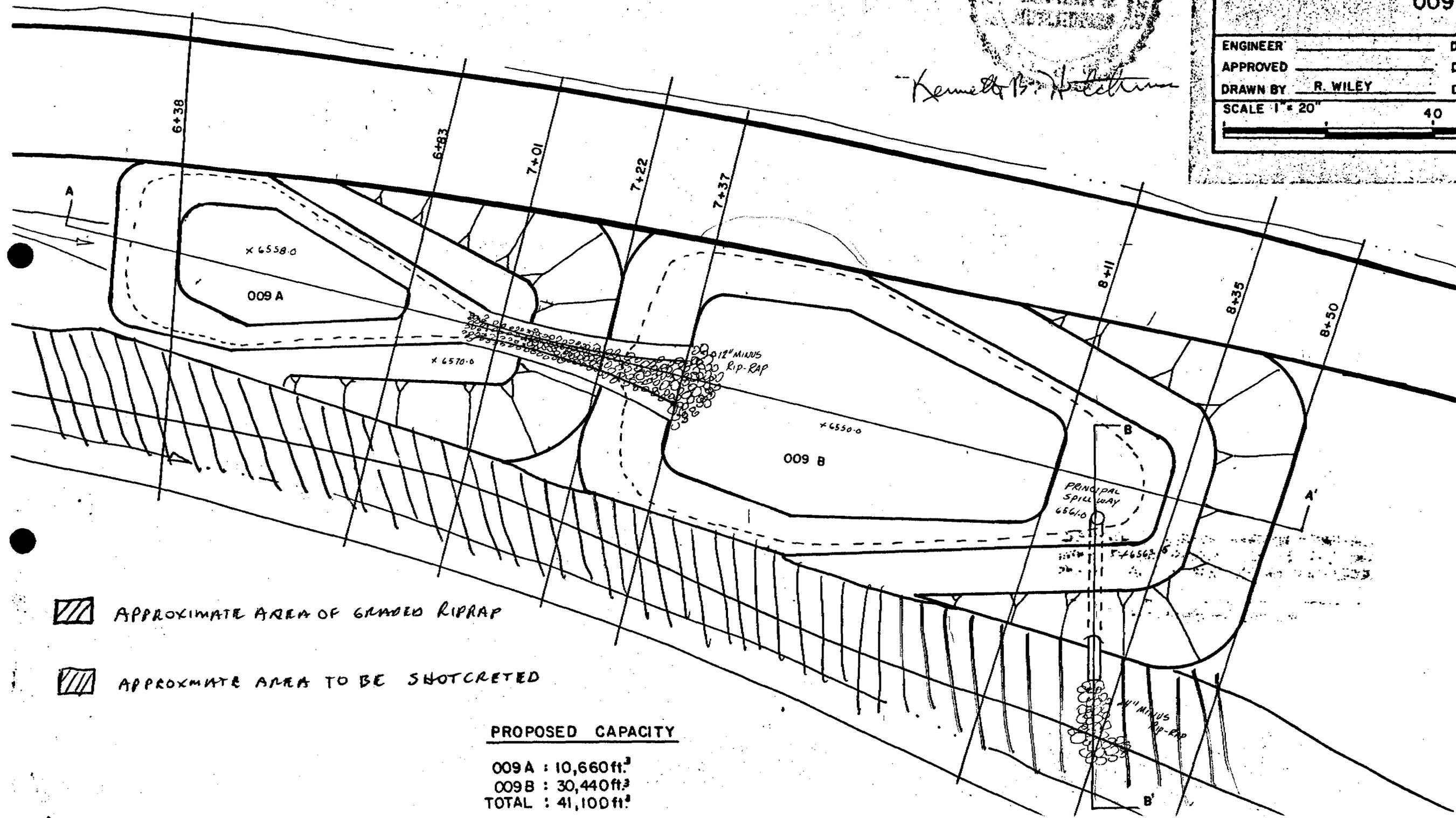
KENNETH B. HEDGECOCK



Kenneth B. Hedgcock

PROPOSED
009

ENGINEER	_____	D
APPROVED	_____	C
DRAWN BY	R. WILEY	C
SCALE	1" = 20'	40



 APPROXIMATE AREA OF GRADED RIPRAP

 APPROXIMATE AREA TO BE SHOTCRETED

PROPOSED CAPACITY

- 009 A : 10,660 ft.³
- 009 B : 30,440 ft.³
- TOTAL : 41,100 ft.³