



0010

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

ACT/007/004

#4

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

November 20, 1986

CERTIFIED RETURN RECEIPT REQUESTED
(P402 459 414)

FILE COPY

Mr. Richard Allison
Project Engineer
Castle Gate Coal Company
P. O. Box 449
Helper, Utah 84526

Dear Mr. Allison:

Re: Final Approval, MRP Amendment, Upgrading of Surface Facilities, Castlegate Coal Company, Hardscrabble Canyon, ACT/007/004-G, Folders #3 & 4, Carbon County, Utah

The Division has completed the review of Castle Gate Coal Company's October 31, 1986 stipulation response to our October 8, 1986 conditional approval. The operator's response to the two (2) stipulations now satisfies the remaining conditions. This letter will serve as a final approval for this mine plan amendment. As a follow-up to this approval please provide the Division with an additional twelve (12) copies of the entire package of approved plans, formatted to permit direct insertion into the formal MRP permit applications on file with the respective regulatory agencies.

Thank you for your continued cooperation in completing this permitting action. Please provide the additional copies of the approved plans by December 8, 1986. Should you have questions or require additional information please contact me or Rick Summers of the permitting staff.

Sincerely,
D. Wayne Hedberg
D. Wayne Hedberg
Permit Supervisor
Reclamation Hydrologist

jvb
enclosure(s)
cc: Allen Klein Susan Linner
 Lowell Braxton David Lof
 Dave Cline

8992R



**CASTLE
GATE**
COAL COMPANY

October 31, 1986

WALSH
AOT/007/004
#34

RECEIVED
NOV 05 1986

DIVISION OF
OIL, GAS & MINING

D. Wayne Hedberg
Permit Supervisor
Division of Oil, Gas & Mining
Three Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RE: Stipulation For Modification of Surface
Facilities in Hardscrabble Canyon, 16
December 1985

Dear Mr. Hedberg:

The purpose of this letter is to address the two stipulations which were attached to the approval for the Modification of Surface Facilities in Hardscrabble Canyon, dated 8 October, 1986.

Stipulation No. 1: Required Soil Analysis

Attached is a copy of a soil analysis done by Commercial Testing of soil in the proposed parking area.

Stipulation No. 2: Filter Blanket

Castle Gate Coal Company will use a fabric filter blanket to line diversion D-7 before the placing of riprap.

This information should satisfy the Division requirements for final approval of the proposed modification.

Sincerely,

Richard H. Allison, Jr., P.E.
Project Supervisor

cc5.allison/105

COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • (312) 953-9300

Castle Gate Coal Company
P.O. Box 449
Helper, Utah 84526



PLEASE ADDRESS ALL CORRESPONDENCE TO:
224 S. CARBON AVE., PRICE, UT 84501
OFFICE TEL. (801) 637-7540

October 22, 1986

Sample identification
by

Castle Gate Coal Co.

Kind of sample reported to us Soil
Sample taken at Castle Gate Coal Co.
Sample taken by Castle Gate Coal Co.
Date sampled 10-11-86
Date received 10-15-86

Soil

Know is this yours?
[Signature]

Analysis report no. 57-22258

SCREEN ANALYSIS

	<u>PERCENT</u>	<u>ACCUMULATIVE PERCENT</u>
RETAINED ON +3" ROUND, PASSING - - -	0.0	0.0
RETAINED ON 2" ROUND, PASSING +3" ROUND	5.7	5.7
RETAINED ON 1" ROUND, PASSING 2" ROUND	11.8	17.5
RETAINED ON 1/2" ROUND, PASSING 1" ROUND	16.5	34.0
RETAINED ON 4 MESH, PASSING 1/2" ROUND	13.2	47.2
RETAINED ON 8 MESH, PASSING 4 MESH	9.9	57.1
RETAINED ON 14 MESH, PASSING 8 MESH	12.2	69.3
RETAINED ON 38 MESH, PASSING 14 MESH	10.4	79.7
RETAINED ON 48 MESH, PASSING 38 MESH	3.3	83.0
RETAINED ON 100 MESH, PASSING 48 MESH	5.0	88.0
RETAINED ON 200 MESH, PASSING 100 MESH	8.2	96.2
RETAINED ON - - -, PASSING 200 MESH	3.8	100.0

Bulk Density = 26.7 lbs./cubic feet

Organics = 10.63%

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Walter Hawley
Manager, Price Laboratory



Charter Member

WH/CF
OVER 40 BRANCH LABORATORIES STRATEGICALLY LOCATED IN PRINCIPAL COAL MINING AREAS,
TIDEWATER AND GREAT LAKES PORTS, AND RIVER LOADING FACILITIES