

0007

ACT 607/005

7/20 Reg Mine file
CCL. Braxton



United States Department of the Interior
OFFICE OF SURFACE MINING
Reclamation and Enforcement
BROOKS TOWERS
1020 15TH STREET
DENVER, COLORADO 80202



RECEIVED
NOV 19 1986

November 14, 1986

DIVISION OF
OIL, GAS & MINING

Dr. Dianne Nielson, Director
Utah Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Dr. Nielson:

The Office of Surface Mining Reclamation and Enforcement, Western Field Operations (OSMRE), received the enclosed letter from the Moab District Office of the Bureau of Land Management (BLM). The BLM has completed their review of the Skyline Mines' renewal application and has identified several problems. These problems are related to the approved Resource Recovery and Protection Plan, and must be addressed by Coastal States Energy Company before the submittal can be considered to be complete.

If you have any questions, please contact Meg Estep-Johnston or Rick Holbrook at (303) 844-2451.

Sincerely,

Melvin L. Shilling, Chief
Division of Federal Programs
Western Field Operations

Enclosure

cc: BLM, Moab District (w/o enclosure)

- f) Location of planned shafts, slopes, main development entries and barrier pillars, panel development, bleeders, and permanent barrier pillars,
 - g) Location of areas where pillars will be left and an explanation why these pillars will not be mined,
 - h) Sketches of typical main and panel development showing centerline distances between entries and crosscuts and of typical panel recovery by such methods as room and pillar, longwall, second mining, etc., showing the sequence of development and retreat, and
 - i) Isopach maps showing interburden between all coal seams present.
3. Reference to the Skyline GMO-1 Addendum submitted to BLM in 1985 which contained an estimate of the coal reserve base, mineable reserve base, and recoverable coal reserves for each Federal coal lease included in the R2P2.
4. Cross referencing of BLM regulations 43 CFR 3482.1(c) instead of U.S. Geological Survey regulations 30 CFR 211.10(c).

Also, please find enclosed a checklist of items which must be included with R2P2 applications. Please forward a copy to Coastal States Energy Co. for inclusion in their update.



Enclosure:
R2P2 Checklist

cc: Price (U-066)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District
P. O. Box 970
Moab, Utah 84532

OSMRE-WFO
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WESTERN FIELD OPERATIONS
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(U-066)

MEMORANDUM

To: Richard Holbrook, Senior Project Manager for Utah
Office of Surface Mining Reclamation and Enforcement - Denver

From: ^{ACTING} District Manager, Moab

Subject: Mining and Reclamation Plan 5-Year Renewal,
Skyline Mines, Coastal States Energy Company

The three volume Skyline Mines, Mining and Reclamation Plan, Coastal States Energy Company, forwarded by your office to the Moab District Office, and received by the Price River Resource Area Office on October 14, 1986, have been reviewed for completeness and relative effect on the approved Resource Recovery and Protection Plan (R2P2).

The OSM forwarding letter identified the three volumes as "Mining and Reclamation Plan, 1986". Actually the submittal is an application for renewal of an approved 5-year mining permit number ACT/1006/1005 for the Skyline Mines dated November 9, 1982. The approved R2P2, as modified, has not been changed but is described by narrative in Volume 2, Part 3, 3.1 Skyline Mining Operation Plan. The R2P2 was approved for the life of the mine, and therefore BLM regulations 43 CFR 3482.1(c) have been met and satisfied. However, the following items have been identified as deficient in the submittal in order for the document to stand alone as a complete mine plan:

1. Volatile matter and fixed carbon content of all economically recoverable coal seams.
2. Plates and maps showing for all three planned mines the following:
 - a) Extent of present mine workings,
 - b) Federal lease boundaries and serial numbers,
 - c) Strikes and dips,
 - d) Locations of abandoned mines,
 - e) Planned sequence of mining by year for the next five years and in 5-year increments for the remainder of the mine life,

Coal Mine _____ Mine Plan Date _____ Date Received _____

Current Resource Recovery and Protection Plan Approval Date _____

3482.1(c) Regulation	Separate Items	Included In Plan	Adequate	Comments
(1) Names, addresses, and telephone numbers of persons responsible for operations to be conducted under the approved plan to whom notices and orders are to be delivered; names and addresses of operators/lessees; Federal lease serial numbers; Federal license serial numbers, if appropriate and names and addresses of surface and subsurface coal or other mineral owners of record, if other than the United States.	Operations			
	Lessees			
	Lease Numbers			
	Surface Owners			
	Mineral Owners			
	Lease Numbers			
	MSHA I.D. #			
(2) A general description of geologic conditions and mineral resources, with appropriate maps, within the area where mining is to be conducted.	Geologic Conditions			
	Mineral Resources			
	Maps			
(3) A description of the proposed mining operation, including: (i) Sufficient coal analyses to determine the quality of the minable reserve base in terms including, but not limited to, Btu content on an as-received basis, ash, moisture, sulphur, volatile matter, and fixed carbon content.	Coal Analyses			
	Coal Quality			
	Btu			
	Ash			
	Moisture			
	Sulphur			
	Volatile Matter			
	Fixed Carbon			

* The Resource Recovery and Protection Plan under 43 CFR 3482.1(c) provides for the requirements of the Mineral Leasing Act (MLA) and shall be submitted to the appropriate BLM District as required under

3482.1(c)(3) Regulation	Separate Items	Included In Plan	Adequate	Comments
(ii) The methods of mining and/or variation of methods, basic mining equipment and mining factors including, but not limited to, mining sequence, production rate, estimated recovery factors, stripping ratios, highwall limits, and number of acres to be affected.	Mining Methods			
	Mining Equipment			
	Mining Sequence			
	Production Rate			
	Stripping Ratios			
	Highwall Limits			
	Acres Affected			
(iii) An estimate of the coal reserve base, minable reserve base, and recoverable coal reserves for each Federal lease included in the resource recovery and protection plan. If the resource recovery and protection plan covers an LMU, recoverable coal reserves will also be reported for the non-Federal lands included in the resource recovery and protection plan.	For each Fed. lease			
	For LMU			
	Coal Reserve Base			
	Minaable Reserve Base			
	Recov. Coal Reserves			
(iv) The method of abandonment of operations proposed to protect the unmined recoverable coal reserves and other resources.	Protect Coal Reserves			
	Protect Other Resources			
(4) Maps and cross sections as follows: (i) A plan map of the area to be mined showing the following: (A) Federal lease boundaries and serial numbers; (B) LMI boundaries, if applicable; (C) Surface improvements, and surface ownership and boundaries;	Plan Map(s)			
	A			
	B			
	C			

3482.1(c)(4)(i) Regulation	Separate Items	Included In Plan	Adequate	Comments
(D) Coal outcrop showing dips and strikes; and, (E) Locations of existing and abandoned surface and underground mines.	D			
	E			
(ii) Isopach maps of each coal bed to be mined and the overburden and interburden.	Coal Isopach Maps			
	Overburden			
	Interburden			
(iii) Typical structure cross sections showing all coal contained in the coal reserve base.	Cross Sections			
(iv) General layout of proposed surface or strip mine showing: (A) Planned sequence of mining by year for the first 5 years, thereafter in 5-year increments for the remainder of mine life; (B) Location and width of coal fenders; and, (C) Cross sections of typical pits showing highwall and spoil configuration, fenders, if any, and coal beds.	Gen. Layout Surface			
	A			
	B			
	C			
(v) General layout of proposed underground mine showing: (A) Planned sequence of mining by year for the first 5 years, thereafter in 5-year increments for the remainder of mine life; (B) Location of shafts, slopes, main development entries and barrier pillars, panel development, bleeder entries, and permanent barrier pillars;	General Layout Underground			
	A			
	B			

3482.1(c)(4)(v) Regulation	Separate Items	Included In Plan	Adequate	Comments
<p>(C) Location of areas where pillars will be left and an explanation why these pillars will not be mined;</p> <p>(D) A sketch of a typical entry system for main development and panel development entries showing centerline distances between entries and crosscuts;</p> <p>(E) A sketch of typical panel recovery (e.g., room and pillar, longwall, or other mining method) showing, by numbering such mining, the sequence of development and retreat.</p>	C			
	D			
	E			
<p>(vi) For auger mining:</p> <p>(A) A plan map showing the area to be auger mined and location of pillars to be left to allow access to deeper coal;</p> <p>(B) A sketch showing details of operations including coal bed thickness, auger hole spacing, diameter of holes and depth or length of auger holes.</p>	Auger Mining			
	A			
	B			
<p>(5) A general reclamation schedule for the life-of-the-mine. This should not be construed as meaning duplication of a permit application in a permit application package under SMCRA. The resource recovery and protection plan may cross-reference, as appropriate, a permit application submitted under SMCRA to fulfill this requirement.</p>	General Schedule			
	Included			
	Cross-Referenced			

3482.1(c)(6) Regulation	Separate Items	Included In Plan	Adequate	Comments
<p>(6) Any required data which are clearly duplicated in other submittals to the regulatory authority or Mine Safety and Health Administration may be used to fulfill the requirements of the above paragraphs provided that the cross-reference is clearly stated. A copy of the relevant portion of such submittals must be included in the resource recovery and protection plan.</p>	MSHA Approvals			
	Included			
<p>(7) Explanation of how MER of the Federal coal will be achieved for the Federal coal leases included in the resource recovery and protection plan. If a coal bed, or portion thereof, is not to be mined or is to be rendered unminable by the operation, the operator/lessee shall submit appropriate justification to the District Mining Supervisor for approval.</p>	MER			