



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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May 8, 2000

David Miller, Resident Agent
Lodestar Energy, Inc.
HC 35 Box 370
Helper, Utah 84526

RE: Initial Completeness Review, Federal Lease Addition, Lodestar Energy, Inc., Horizon Mine, ACT/007/020-SR00A, Outgoing File

Dear Mr. Miller:

The Division has completed an initial review of your application to add the federal lease to the Horizon mine. We cannot determine your application to be administratively complete at this time. Much of the application meets the administrative requirements, however there are a number of items that still need to be addressed. For this reason we are returning the application for your further attention.

An Administrative Review Worksheet is enclosed which discusses those items which need additional information. The majority of the categories have been checked to indicate that they are administratively complete. Those sections not marked with an ✓ are considered incomplete. Lodestar Energy Inc. will need to provide information which addresses these categories before further processing can occur. Please review it carefully and feel free to contact the Division staff for help with any questions you may have.

If you have any questions, please call me.

Sincerely,

A handwritten signature in black ink that reads "Daron R. Haddock".

Daron R. Haddock
Permit Supervisor

dh/sm

Enclosures:

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**ADMINISTRATIVE COMPLETENESS REVIEW WORKSHEET
(R645-301-150)**

DATE: April 27, 2000 *SKX*

REVIEWER(S): Sharon Falvey - lead, Bob Davidson, Daron Haddock, Bill Malencik, Jim Smith, Wayne Western, *IDS* *WFW*
Susan White *SMW*

APPLICANT: Loadstar Energy, Inc.

MINE NAME: Horizon Mine

FILE NO. ACT/007/020-SR00A

"Administratively Complete Application" means an application for permit approval or approval for coal exploration, where required, which the Division determines to contain information addressing each application requirement of the State Program and to contain all information necessary to initiate processing and public review.

Directions: The categories listed below correspond to the minimum requirements for information necessary to initiate processing and public review. If a category is checked the Applicant has met the Completeness requirement for that category. If a category is not checked, the Completeness requirements have not been met. The comments column will identify the deficiency and what is necessary to correct it.

		Comments
301-112	Identification of Interests <u>✓</u>	
100	Applicant's Business Structure <u>✓</u>	Officers are provided on pg1-3.
210	Applicant's Name/Address/Phone <u>✓</u>	Provided on pg. 1-2.
220	Resident Agent's Name/Address/Phone <u>✓</u>	Provided on pg. 1-2.

230	Name/Address/Phone of AML Fees Payer <u>✓</u>	Provided on pg. 1-3.
300	Corporate Structure & Ownership <u>✓</u>	Officers noted on pg. 1-3. Corporate structure provided in Appendix 1-4.
400	Identify Other Mining Operations in US <u>✓</u>	Appendix 1-4.
500	Surface & Mineral Ownership <u>✓</u>	Provided on pg. 1-4 shown on Plates 1-2 and 1-3.
600	Ownership Contiguous to Permit <u>✓</u>	Provided on pg. 1-5.
700	MSHA Numbers <u>✓</u>	Provided on pg. 1-6 and in Appendix 1-4.
800	Interest in Contiguous Lands <u>✓</u>	Lease UTU-74804 is contiguous to the permit area.

301-113	Violation Information <u>✓</u>	Provided in Appendix 1-4. Information from 1975 through 1998.
100	Suspension or Revocation Information <u>✓</u>	Provided on pg. 1-6.
300	List of Violations - 3 Previous Years <u>✓</u>	Provided in Appendix 1-4. Information from 10/1996 through 6/1999.

301-114	Right of Entry <u>✓</u>	
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301-115	Status of Unsuitability Claims <input checked="" type="checkbox"/>	
301-116	Permit Term <input checked="" type="checkbox"/>	pg 1-9.
301-117	<p>....Insurance <input checked="" type="checkbox"/></p> <p>....Proof of Publication <input type="checkbox"/></p> <p>....Facilities and Structures Used in Common <input type="checkbox"/></p>	<p>Existing Insurance expires 5/15/00.</p> <hr/> <p>Proposed statement for prof of publication needs to be provided.</p> <hr/> <p>No statements found addressing this issue.</p>
301-118	Filing Fee <input checked="" type="checkbox"/>	Not required for significant revision.
301-123	Notarized Signature of Responsible Official <input checked="" type="checkbox"/>	Provided on the C1- form.
301-130	<p>Information Collection: Technical Data Accompanied by Names of Persons or Organizations that Collected and Analyzed the Data - Dates of Collections - and Analysis of the Data and Description of the Methodology Used to Collect and Analyze Data <input checked="" type="checkbox"/></p>	

301-200	Soils _____	This section is not administratively complete.
211	Description of Pre-mining Soil Resources _____	
212	Soil Resource Protection Measures ✓	The expansion area does not include surface disturbance; therefore, soil protection measures are not needed
221	Prime Farmland Investigation ✓	The NRCS has determined that there is no Prime Farmland within the Permit area.
222- 223	Soil Survey and Soil Characterization _____	The plan contains a general area 3 rd order soils map (Pate2-2), but does not provide soil descriptions or characterization from the NRCS for each of the soils listed within the permit area. Soil descriptions are needed for the planned expansion area as follows: #63, Midfork family-Podo association; #72, Pathead-Curecanti family association; #107, Shupert-Winetti complex; #109 Silas-Brycan loams; #124, Uinta family-Podo association.
224	Substitute Topsoil Info (When Proposed) ✓	No substitute topsoil is proposed within the expansion area.
230	Operation Plan: Topsoil Handling/Removal/Storage ✓	No surface disturbance is proposed within the permit expansion area, therefore, no soil salvage is needed.
240	Reclamation Plan: Soil Redistribution/Stabilization ✓	No surface disturbance is proposed within the permit expansion area; therefore, no soil redistribution is needed.

301-300	Biology _____	This section as represented in the application is not administratively complete.
320	Vegetation Information _____	Productivity described in yield of board feet / acre for permit addition not found. Plant communities described in Section 321, including new permit area.
322	Fish and Wildlife Information _____	Did not provide information on required fish study. Raptor survey not current, (1995). Need current T and E species listing, appendix 3-4 should be updated. Appendix 3-5 only provides results of bat surveys. The mule deer fatality count does not include any data. No other wildlife data is provided.
323	Maps/Photos: Vegetation-Fish-Wildlife Areas _____	Plate 3-1, Vegetation Plate 3-2, Wildlife No map showing location of 1999 macroinvertebrate study.
330	Operation Plan: Vegetation-Fish-Wildlife Protection ✓	Complete, but will need to address reduced aquatic habitat in North Fork of Gordon Creek. Need to change contemporaneous reclamation reference to interim reclamation.
341	Reclamation Plan for Revegetation _____	Did not provided detailed schedule for completion of revegetation plan. Deficiencies are found with seed mixture, success standards, and several contradictory statements.
342	Fish & Wildlife Plan for Reclamation Phase ✓	Complete

301-400	Land Use and Air Quality _____ ✓	Complete
411	Pre-Mining Land Use Information (Includes Cultural Resources) _____	Did not find any information on logging on maps or as relates to capability of the land in production.

412	Post-Mining Land Use Information _____	No information given on change in post-mining land use.
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301-500	Engineering _____ ✓	This section is considered administratively complete.
510 and 520	General Description of Operation Plan: (Maps, Locations, Cross-Sections, Narrative, Descriptions & Calculations) _____ ✓	
522	Coal Recovery Description _____ ✓	
523	Mining Methods _____ ✓	
524	Blasting and Explosives Plan _____ ✓	
525	Subsidence Control Plan _____ ✓	
526	Mine Facilities Description (Narrative, Plans, Maps) Including Existing Structures & Support Facilities _____ ✓	
527	Transportation Facilities (Including Plans & Maps) _____ ✓	
528	Coal Mine Waste Plans (Description & Designs) _____ ✓	
529	Management of Mine Openings (Design) _____ ✓	
531	General Plans for Structures _____ ✓	
532	Sediment Control _____ ✓	
533	Impoundments _____ ✓	

301-534	Roads (Plans, Drawings, Designs, & Specifications)	<u>✓</u>	
535	Spoil	<u>✓</u>	
536	Coal Mine Waste	<u>✓</u>	
537	Regraded Slopes	<u>✓</u>	
540 541-542	Reclamation Narrative, Maps and Plans	<u>✓</u>	
551	Casing and Sealing: Underground Openings	<u>✓</u>	
553	Backfilling and Grading Description	<u>✓</u>	

301-600	Geology	<u>✓</u>	
621	Description of Geology (Permit & Adjacent Area)	<u>✓</u>	
622	Geologic Cross-Sections, Maps, and Plans	<u>✓</u>	
630	Plans for Casing and Sealing Holes	<u>✓</u>	In Section 765.

301-700	Hydrology	_____	This section is not administratively complete.
721	Description of Hydrologic Resources: (Permit and Adjacent Area)	_____	Information on ground water in the adjacent area in the Star Point Formation is not available presently. Existing information is not adequate to for determining impacts in the adjacent area.

722	Cross-Sections and Maps: Subsurface Water - Surface Water - Monitoring Stations - Wells <u>✓</u>	
723	Sampling and Analysis <u>✓</u>	See baseline information.
724	Baseline Information: Ground Water - Surface Water - Geology - Climatological & Supplemental; If Needed _____	There is not enough information to determine the source of ground water entering the mine or the implication to future mining.
728	PHC Determination <u>✓</u>	A PHC is provided.
730	General Operation Plan: Minimize Disturbance to Hydrologic Balance & Compliance with Clean Water Act <u>✓</u>	
731	Ground and Surface Water Protection _____	
732	Ground and Surface Water Monitoring <u>✓</u>	A plan is presented.

301-740	Plans and Designs: Operation and Reclamation Plan Sediment Control Measures <u>✓</u> Siltation Structures <u>✓</u> Sediment Ponds <u>✓</u> Other Treatment Facilities <u>✓</u> Diversions <u>✓</u> Road Drainage <u>✓</u> Impoundments <u>✓</u> Discharge Structures <u>✓</u> Disposal of Excess Spoil <u>✓</u> Coal Mine Waste <u>✓</u> Disposal of Non-Coal Mine Waste <u>✓</u> Casing and Sealing of Wells <u>✓</u>	
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301-800	Bonding and Insurance <u>✓</u>	
820	Applicant: Have Adequate Bond at Permit Issuance <u>NA</u>	
830	Bond Estimate and Calculations Provided <u>✓</u>	

890	Certificate of Insurance Provided	<u>NA</u>	
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302-200	Special Categories of Mining	<u>NA</u>	
210	Experimental Practices Mining	<u>NA</u>	
220	Mountaintop Removal Mining	<u>NA</u>	
230	Steep Slope Mining	<u>NA</u>	
240	Auger Mining	<u>NA</u>	
250	In Situ Processing Activities	<u>NA</u>	

302-260	Coal Processing Plants (Not Located Within Permit Area of Mine)	<u>NA</u>	
270	Variances From Approximate Original Contour Restoration Requirements	<u>✓</u>	A variance from approximate original contour is not requested.
280	Variances for Delay in Contemporaneous Reclamation Requirement in Combined Surface and Underground Coal Mining Activities	<u>NA</u>	
290	Small Operator Assistance Program (SOAP)	<u>NA</u>	

302-300	Special Areas of Mining	<u>NA</u>
301	Prime Farmland	<u>NA</u>
302	Alluvial Valley Floors	<u>NA</u>