

2002 Annual Report Review

Permittee:	Canyon Fuel Company, LLC	
Mine Name:	Dugout Canyon Mine	
Permit Number:	C/007/039	
Date Report Received:	April 9, 2003 at the Price Field Office	
		Date Completed ▼
Assigned Reviewers:	Peter Hess, Engineer / Inspector	5/15/2003
	Joe Helfrich, Biology	05/20/2003
	Gregg Galecki, Hydrologist	June 4, 2003

Instructions: The assigned staff will review their respective portions of the Annual report and provide a written determination (findings) on how the mine has or has not met the permit requirements for reporting. If the report is deficient or remedial action is required to obtain compliance, this should be noted and the inspector notified. Once all reviewers have completed the report, they should initial it and a copy will be filed in the Mine Internal File.

Assignments:

Inspectors: Review each cover sheet, AVS Legal/Financial, Mine Sequence Maps.
Hydrologists: Review Water Monitoring Data, Precipitation and Climatological Data, Non-Coal Waste
Biologists: Review Vegetation/Revegetation Success Monitoring, Raptor Survey
Engineers: Review Subsidence Monitoring Data, Annual Impoundment Certification, Annual Overburden, Spoils, Refuse, Floor, etc.

SECTIONS TO REVIEW	SUBMITTED		FINDINGS
	YES	NO	
Cover Sheet	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The information provided appears to be complete and adequate.
AVS; Legal/ Financial Update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The permittee provided legal, financial, compliance and related information as Appendix C. Same lists the officers and directors of the various entities associated with Canyon Fuel Company, LLC. The submitted information correlates with information extracted from the OSM applicant violator system dated April 9, 2003.

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SECTIONS TO REVIEW	SUBMITTED		FINDINGS
	YES	NO	
Mine Sequence Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The permittee submitted two maps relative to coal extraction from the Rock Canyon and Gilson seams. 2002 production came from the following locations; 1) 5,800 feet of longwall panel (570' face) was extracted from the 1st West panel. The remainder of the 2002 LW production came from the 2nd West panel, extracting 1,850 feet of 570 foot face. CM coal came from developing 9,250 feet of 2 entry development in the 3rd West section and 6,670 feet of 2 entry development in the 4th West section. Approximately 1400 feet of 2 entry development also occurred to establish bleeders and set-up rooms for the 3rd West LW panel.</p> <p>The second map depicts coal extraction from the Gilson seam. The coal extraction occurring here comes from the CM development of the South Mains area. Approximately 1900 feet of Mains were developed varying in width from seven to ten entries. Five hundred feet of 2 entry development occurred in the GIL-1 tailgate and the GIL-1 headgate entries. A total of 2,079,928 tons were mined from the Rock Canyon and Gilson seams. Both maps are P.E. certified by Dave Spillman, Utah registered professional engineer.</p>
Water Monitoring Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The required Water Monitoring data was submitted to the Division on a quarterly basis.
Precipitation & Climatological Data	<input type="checkbox"/>	<input type="checkbox"/>	Precipitation and Climate data are not a requirement of the permit. However, the Operator maintains a weather station on-site to wind, temperature, and individual storm events.
Non-Coal Waste report	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Subsidence Monitoring Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The permittee submitted a subsidence monitoring map as part of the 2002 annual report to the Division on March 27, 2003. The permittee monitored 28 subsidence points during 2002; nine of those monitored subsidence over the 1st West longwall panel which was extracted during 2001. Settling was observed at two of the nine points, with a maximum deflection of 0.472 feet being reported. The other seven points were reported as showing uplift. The 2nd West panel in the Rock Canyon seam was mined between November 2001 through July of 2002. Monitoring point RC2-1 showed a deflection of -2.329 feet.</p> <p>The remainder of the 2002 longwall production at the Dugout Mine came from the 3rd West panel. Approximately 27 percent of that panel was mined from September through December. Two monitoring points were established over the 3rd West panel, FRANCIS and RC3B. Subsidence deflection at these points will be submitted with the 2003 subsidence report.</p>

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	YES	NO	
Annual Impoundment Certification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The permittee's Manager of Technical Services, Mr. Dave Spillman, P.E. inspected and certified the Mine site sediment impoundment on November 15 and December 31, 2002, respectively. There were no hazardous conditions or signs of instability reported. The pond is being maintained as designed. It is the permittee's intent to clean the pond in June of 2003.
Annual Overburden, Spoil, Refuse, Floor, etc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Vegetation Data	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not required
Revegetation Success Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not required
Raptor Survey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A 2002 raptor survey is included in the annual report. The survey does not show the status of the nests or the location of the mine and associated disturbed area boundary. A bat survey of Fish Creek Canyon is also provided.
Other Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

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