



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

Partial: Complete: Exploration:

Inspection Date & Time: October 5, 1995, 10:45 A.M. to 12:30 P.M.

Date of Last Inspection: September 7, 1995

Mine Name: Knight County: Sevier Permit Number: ACT/041/005
Permittee and/or Operator's Name: BHP Petroleum (Americas)
Business Address: 1360 Post Oak Blvd., Suite 500, Houston, Texas 77056
Type of Mining Activity: Underground Surface Prep. Plant Other
State Officials(s): Paul Baker
Company Official(s): Mike Bradley
Federal Official(s): None
Weather Conditions: Clear, 30-40's, a few patches of snow
Existing Acreage: Permitted- 1988 Disturbed- 40 Regraded- 40 Seeded- 40 Bonded- 40
Increased/Decreased: Permitted- 0 Disturbed- 0 Regraded- 0 Seeded- 0 Bonded- 0
Status: Exploration/ Active/ Inactive/ Temporary Cessation/ Bond Forfeiture
Reclamation (Phase I/ Phase II/ Final Bond Release/ Liability 1 Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - For **complete inspections** provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - For **partial inspections** check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENE
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June)_(date)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



John

INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/041/005

DATE OF INSPECTION: October 5, 1995

(Comments are Numbered to Correspond with Topics Listed Above)

2. Signs and Markers

There is a new sign at the gate near the freeway that reads:

Posted Boundary Big Game Posted Hunting Unit No Trespassing

No Hunting without a Valid PHU Permit

This land is covered by a cooperative wildlife management agreement between private landowners and the Utah Division of Wildlife Resources. Public sportsmen having valid PHU permits are granted free access per the landowner's direction.

Deer Elk Pronghorn Moose

State of Utah Natural Resources Wildlife Resources

I am attempting to find out from Wildlife Resources if the Posted Hunting Unit (PHU) area includes the reclaimed area or if the PHU is for lands to the north. The postmining land use for the Knight Mine is grazing, but if the PHU designation applies, it is clear the area is also being actively managed for wildlife. This may not have any bearing on bond release issues, though. Since the Knight Mine was permitted under the interim program, there would be no specific shrub density success standards for a wildlife postmining land use as there would be under the permanent program. However, the area is still required to meet the postmining land use, and the number of shrubs could be important for a wildlife use.

4. Hydrologic Balance

a. Diversions

East of the diversion labeled D2 on Plate III-7 is a small, unnumbered diversion. This diversion is within the disturbed area boundary, but the Mining and Reclamation Plan does not contain designs for it. The diversion is fairly steep (about 2h:1h), and past attempts to stabilize it with riprap have been unsuccessful. The mining and reclamation plan does not contain designs for this diversion. The Division is preparing a Division Order requiring BHP to submit designs for the diversion.

All channels and diversions are in about the same condition they have been in since the August inspection. The operator is in the process of hiring a contractor to repair them, and they want to get repairs done before winter.

13. Revegetation

Last spring, the operator sprayed a patch of whitetop near diversion D4. With the rain in August, I thought this noxious weed might resprout. We found no sign that it was reemerging, but we did find two older plants that might be whitetop. The operator will need to check the area again in the spring.

A lot of duff washed into the pond during the August storm. It appears there was also a lot of grass seed. Many of these seeds have germinated. The duff is acting as a mulch.

16. Roads

a. Construction/Maintenance/Surfacing

The roads and most associated ditches have been regraded.

Copy of this Report:

Mailed to: Scott Sanders (BHP), Kent Wheeler (IHD), Donna Griffin (OSM)

Given to: Joe Helfrich (DOGM)

Inspector's Signature:  Paul B. Baker #41 Date: October 6, 1995