



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Jph

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INSPECTION REPORT

Partial: Complete: X Exploration:
Inspection Date & Time: November 3, 1995, 10:00 A.M. to 12:30 P.M.
Date of Last Inspection: October 5, 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 X Surface Prep. Plant Other
State Officials(s): Paul Baker
Company Official(s): Mike Bradley
Federal Official(s): None
Weather Conditions: Clear, 30's
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/ X Active/ Inactive/ Temporary Cessation/ Bond Forfeiture
Reclamation (Phase I/ X 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/ENF |
|--|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| 1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. SIGNS AND MARKERS | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input 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 type="checkbox"/> |
| b. SEDIMENT PONDS AND IMPOUNDMENTS | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" 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 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 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 checked="" 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"/> |



INSPECTION REPORT

(Continuation sheet)

Page 2 of 2

PERMIT NUMBER: ACT/041/005

DATE OF INSPECTION: November 3, 1995

(Comments are Numbered to Correspond with Topics Listed Above)

1. Permits, Change, Transfer, Renewal, Sale

Division Order 95A was issued October 18, 1995. This order requires BHP to provide designs for an unnumbered diversion east of and parallel to diversion D-2. The plan contains no designs for this diversion, and it has been unstable. On November 1, 1995, The Division received seven copies of an amendment proposal intended to address the Division Order.

4. Hydrologic Balance

a. Diversions

The operator has completed repairs to most drainage control structures damaged in the August storm. I took rough measurements of dimensions of the two main channels, and they appear to meet design criteria.

I have some concern about riprap gradation in the two main reconstructed channels. The operator salvaged as much as possible of the riprap that was displaced during the storm, but the new material included a lot of large (ca. 1-2 ft. diameter) rocks. Voids between these larger rocks were filled fairly well with smaller material, and a Division hydrologist believes this will probably work.

Work has begun to repair the channel in the upper part of D-4. The area has been excavated to about a 4h:1v slope with about 2h:1v side slopes.

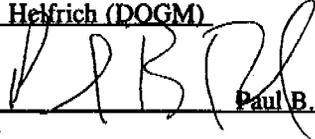
b. Sediment Ponds and Impoundments

As part of the channel construction, the operator removed a lot of sediment from the upper portion of the sediment pond.

Copy of this Report:

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

Given to: Joe Helfrich (DOGM)

Inspector's Signature:  Paul B. Baker #41 Date: November 8, 1995