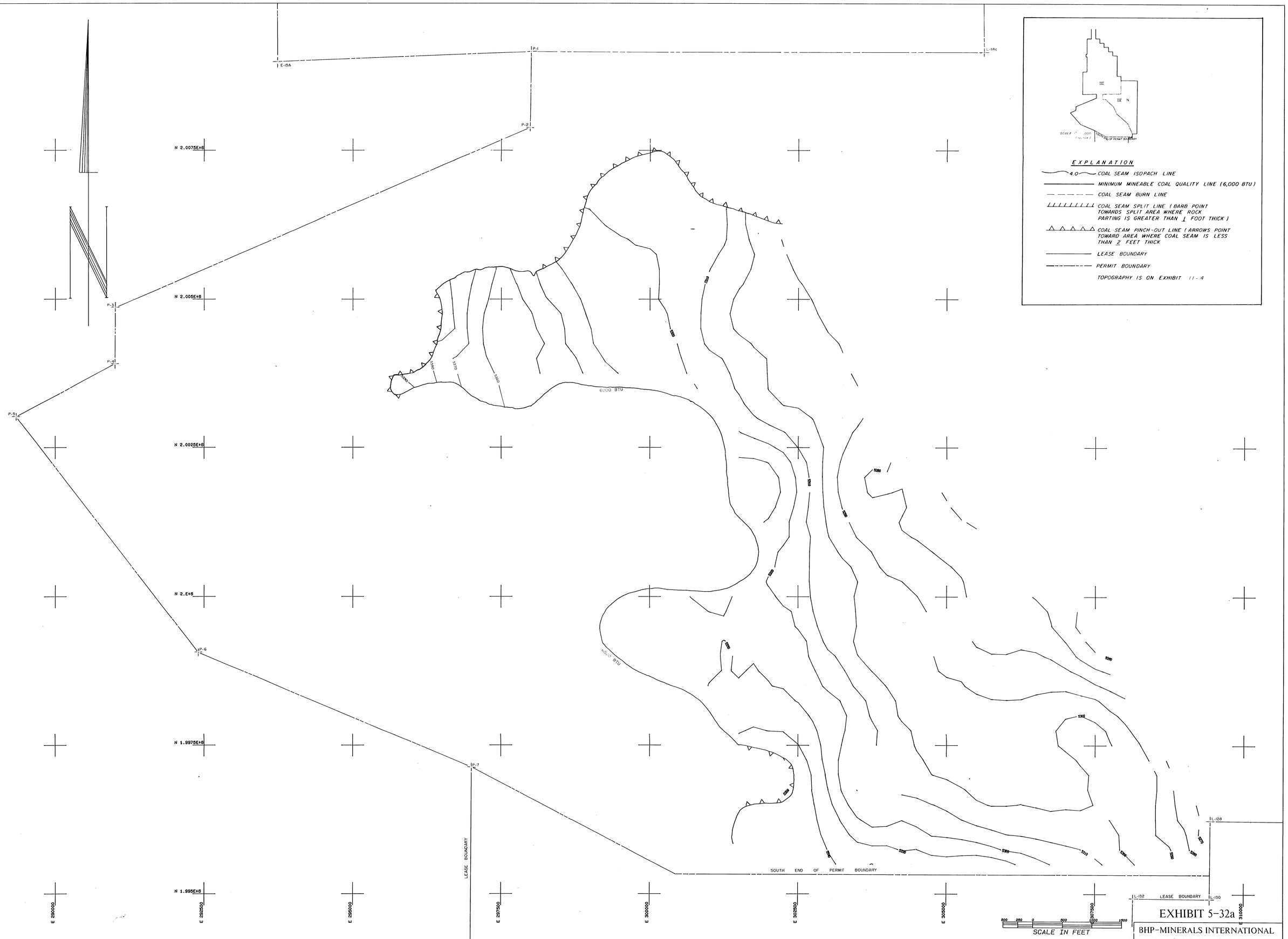

EXPLANATION

- 4.0 — COAL SEAM ISOPACH LINE
- MINIMUM MINEABLE COAL QUALITY LINE (6,000 BTU)
- COAL SEAM BURN LINE
- COAL SEAM SPLIT LINE (BARB POINT TOWARDS SPLIT AREA WHERE ROCK PARTING IS GREATER THAN 1 FOOT THICK)
- COAL SEAM PINCH-OUT LINE (ARROWS POINT TOWARD AREA WHERE COAL SEAM IS LESS THAN 2 FEET THICK
- LEASE BOUNDARY
- PERMIT BOUNDARY

TOPOGRAPHY IS ON EXHIBIT 11-4

I, Ron Van Valkenburg, hereby certify changes on this drawing since the previous certification are accurate to the best of my knowledge.

REV. NO.	DATE	REVISIONS	APPROVALS: DRAFT BY	ENGR.	CHIEF ENGR.	PROJECT MGR.
1	2/88	HOOK TRANSPORTATION CORRIDOR AT NORTH PERMIT BOUNDARY	GB	RHB		
2	5/90	REVISED PERMIT BOUNDARY LINE FROM L-116 NORTH	JE			
3	5/93	CHANGED CB NAME				

EXHIBIT 5-32a

BHP-MINERALS INTERNATIONAL

NAVAJO MINE

P.O. BOX 155 FRUITLAND, NEW MEXICO 87416 (505) 598-5861

AREA IV N.
SEAM 8A
TOP OF SEAM STRUCTURE

Scale: 1 IN.=500FT.	Date: 12/3/87	Exhibit #:
Contour Interval: 10 FT.	Drawn by: ACE/JG	