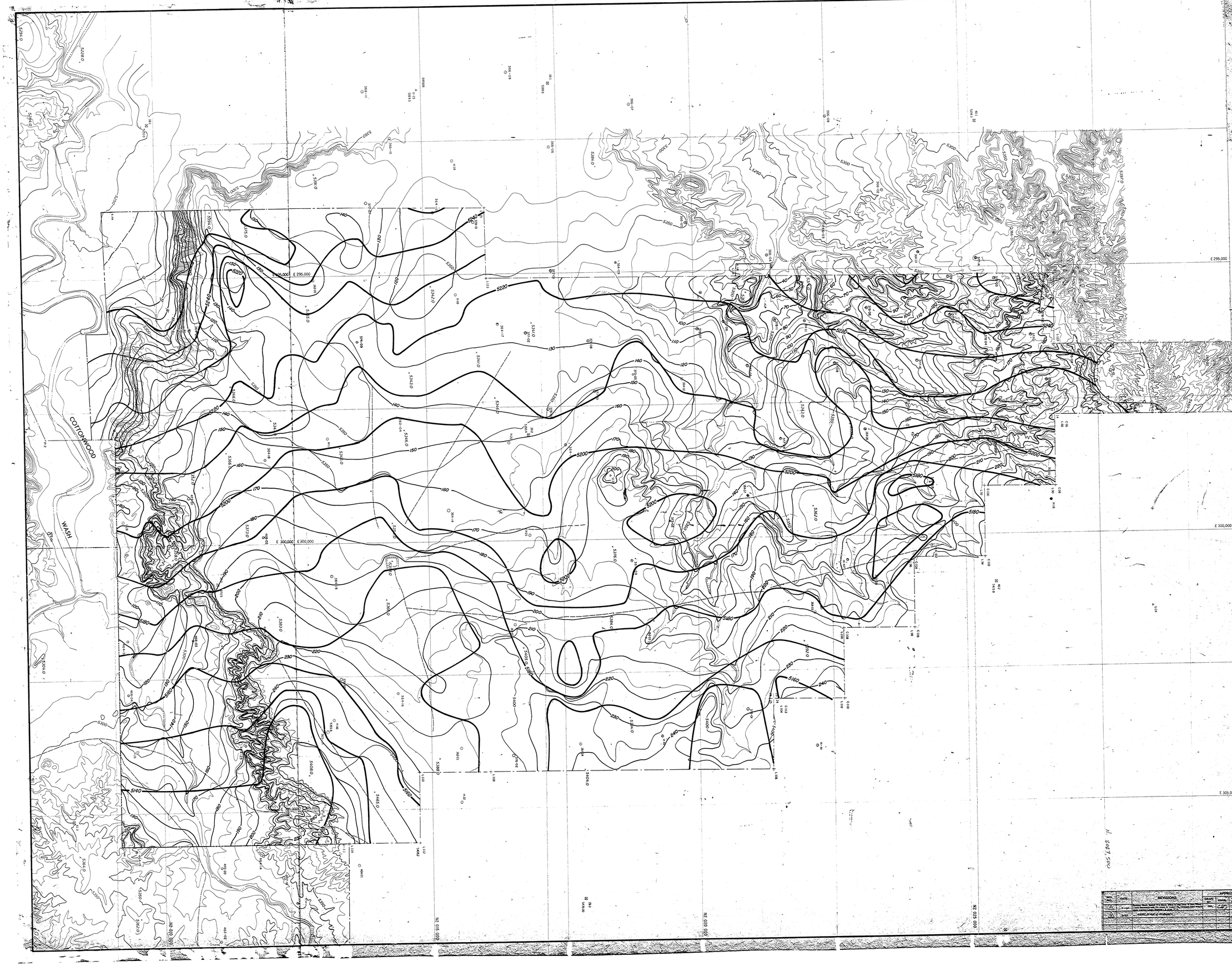
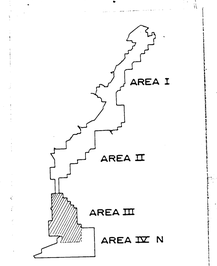


INDEX MAP

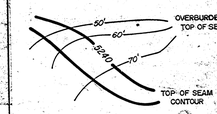


500 0 FEET 500 1000 1500

CONTOUR INTERVAL = 10 FEET
DAS JOB NO. 4619

LEGEND

- O — DRILL HOLE LOCATION
- ~5280~ — TOP OF COAL SEAM STRUCTURE CONTOURS (CONTOUR INTERVAL 10 FEET)
- ~50~ — OVERBURDEN - ISOPACH LINES (ISOPACH INTERVAL 10 FEET)
- MINIMUM MINEABLE COAL QUALITY LINE (6,000BTU)
- COAL SEAM BURN LINE
- COAL SEAM SPLIT LINE (BARBS POINT TOWARD 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)
- COAL MINED OUT AS OF DECEMBER 16, 1977
- COAL LEASE BOUNDARY
- AREA 3 AND AREA 4 MINING BOUNDARY



I, Ron Van Valkenburgh, hereby certify that this map is an accurate drawing showing the previous and/or current mining occurrence as I am aware of to my knowledge.

N

EXHIBIT 5-15

BHP MINERALS INTERNATIONAL

BHP MINE

HILLTOP, NEW MEXICO

SEAM: 2b
TOP OF SEAM STRUCTURE AND ISO-OVERBURDEN MAP

NO.	DATE	REVISIONS	DRAFT. BY	ENGR.	CHECK.	APPROVALS
1	8-1-83	Revised Seam 2b & 2c, Added Overburden Isopachs & Updated Mining Area	GBP			
2	8-1-83	Added Coal Lease Boundary				
3	3-1-83	Added Area 3 Mining Boundary				

DRAWN BY: L. DAN DATE: 4-1-1980 SCALE: EXHIBIT
APPROVED BY: DATE: DEC. 1980
DRAWING NO.: 2b-OVERBURDEN