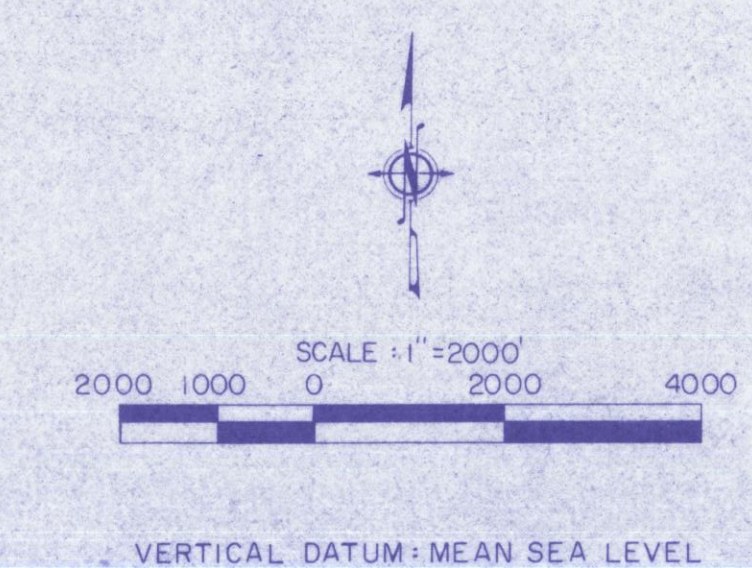


NOTES:
 1) THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS.
 2) FIELD SURVEYS PERFORMED TO 3RD ORDER ACCURACIES BY PEABODY COAL CO. ENGINEERING DEPARTMENT.
 3) TOPOGRAPHIC PLANIMETRIC BASE MAP COMPILED FROM NEAR VERTICAL NEGATIVE AERIAL PHOTOGRAPHY EXPPOSED ON NOVEMBER, 19 1964 BY COOPER AERIAL SURVEY CO.
 4) STEREOCOMPARATION, FINAL DRAFTING, AND PHOTOGRAPHIC REPRODUCTIONS PERFORMED BY [unreadable].
 5) 4000' GRIDS BASED ON PEABODY COAL COMPANY COORDINATE SYSTEM.



- LEGEND**
- Undocumented Wells
 - LEASE BOUNDARY
 - - - COAL RESOURCE AREA BOUNDARY
 - - - INTERMITTENT WASH REACHES (MAXIMUM EXTENT 1980-1983)
 - SPRING
 - POND (SURFACE WATER STRUCTURE)
 - WELL
 - WINDMILL
 - Undocumented Structures



PEABODY COAL COMPANY		DATE
BLACK MESA - KAYENTA MINE		55322
P.O. BOX 625		REVISED BY
KAYENTA, ARIZONA 86033		ML
PRE-EXISTING LIVESTOCK AND WILDLIFE WATERING SOURCES		DATE
		8-22-88
		12-8-85
REVISION	DATE	DESCRIPTION