10,000 W | 000 | 10,000 E | 20,000E | 30,000E | 40,000 E | 50,000E | 60,000E | 70,000E

TO KAYENTA, ARIZONA

N 10,000

000

S 10,000

S 20,000

S 30,000

S 40,000

S 50,000

TO TUBA CITY, ARIZONA

BLACK MESA AND LAKE POWELL RAILROAD (PRIVATELY OWNED)

RAIL LOADOUT SILOS

MAIN ACCESS ROAD

OVERLAND CONVEYOR

N-9

N-10

N-788

N-2

N-1

N-11

N-6

N-14

J-1

J-15

J-2

J-16

J-3

J-4

J-19

J-14

J-27

J-13

J-5

J-6

J-21

J-7

J-23

J-10

J-8

J-9

J-28

DM-12 SITE # 140(DM-20)

DM-15

DM-16

DM-14 INT & SHOP & FACILITIES CENTRAL ENGINEERING OFFICE

DM-13

DM-10

DM-7

DM-9

DM-11

DM-8

DM-2

DM-1

DM-3

DM-5

DM-4

DM-6

8A-119

8A-139

8A-140

8A-141

8A-142

8A-143

8A-144

8A-145

SITE # 91

UNNAMED WELL

UNNAMED POND

COAL WELL

8T-506

Goat Spring #2

SITE # 111

Hogan Spring

SITE # 97

8A-153

WLKR PETRL

CENTRAL WAREHOUSE AND OPERATIONS

PEABODY AIRPORT RUNWAY

14-20-0603-8580 NAVAJO (SS C)

REED WELL

8A-149

UNNAMED POND

KAYENTA MINE OFFICE & SHOP FACILITIES

8A-147

3855-2

3855-1

3855-3

4T-402

4T-404

4M-38

4M-104

4K-389

Located approx. 1 mi. east of lease boundary-see figure 2, Chapter 17

2A-44

4M-113

GREAT SPRING

UNNAMED TANK

SITE # 92

3755-2

BLACK MESA MINE OFFICE & SHOP FACILITIES

MSPG147

BLACK MESA PIPELINE COMPANY

4M-191

GRAPEVINE WELL

2A-45

2A-47

located approx. 1 mi. west of lease boundary-see figure 2 Chapter 17

SAND SPRING

4T-403

4M-189

4M-190A

4M-118

14-20-0603-9910 NAVAJO (S & 1/2 C)
14-20-0450-5743 HOPI (1/2 C)
14-20-0450-5743 HOPI (S & 1/2 C)
14-20-0603-9910 NAVAJO (1/2 C)

SAGEBRUSH WELL

4T-405

Located approx. 1 mi. south of lease boundary-see figure 2, Chapter 17

4M-31

4K-386

Located approx. 2 mi. south of lease boundary-see figure 2, Chapter 17

14-20-0603-9910 NAVAJO (S & 1/2 C)
14-20-0450-5743 HOPI (1/2 C)
14-20-0450-5743 HOPI (S & 1/2 C)
14-20-0603-9910 NAVAJO (1/2 C)

PARTITION LINE

4T-512

Located approx. 1 mi. south of lease boundary-see figure 2 Chapter 17

4M-34

Located approx. 1 mi. southeast of lease corner-see figure 2, Chapter 17

PINON, ARIZONA

BLACK MESA WASH | COAL MINE WASH | MOENKOPI WASH | REED VALLEY WASH | RED PEAK VALLEY | WHITE HOUSE VALLEY | TOM OUT VALLEY | JUNIPER SPRING WASH | SAGEBRUSH WASH | TUCUA FLAT WASH | RESTING CATTLE VALLEY

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 EXPOSED ON NOVEMBER 13, 1984 BY COOPER AERIAL SURVEY CO.
4) STEREOCOMPILATION, FINAL DRAFTING, AND PHOTOGRAPHIC REPRODUCTIONS PERFORMED BY COOPER AERIAL SURVEY CO. TULSA, OKLA.
5) 4000' GRIDS BASED ON PEABODY COAL COMPANY COORDINATE SYSTEM.

SCALE 1" = 2000'

2000 1000 0 2000 4000

VERTICAL DATUM = MEAN SEA LEVEL

**LEGEND**

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

PEABODY COAL COMPANY
BLACK MESA – KAYENTA MINE
P.O. BOX 625
KAYENTA, ARIZONA 86033

**PRE-EXISTING LIVESTOCK AND WILDLIFE WATERING SOURCES**

DRG. No. 85322
SHEET No.
DRAWN BY: MH
DATE: 6-22-89
SCALE: 1" = 2000'
C.I. 10'

| DRAWN BY | APP'D BY | DATE | REVISION DESCRIPTION |
|---|---|---|---|
| | | 6-22-89 | |
| | | 12-8-88 | |