UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HEADCUT RESERVOIR QUADRANGLE
NEW MEXICO-SANDOVAL CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-1043
PLATE I OF 23

This report has not been edited for conformity with Geological Survey editorial standards or stratigraphic nomenclature.

EXPLANATION

(1) GL 6820
• NR 203
R 46
C 4 (MH zone)
R 2
C 1 (MH zone)
R 733
C 2 (MA zone)
R 30
C 4 (MA1)
R 279
C 2 (L)
R 329
C 3 (MC zone)
R 30
C 2 (MC zone)
R 40
C 2 (MC zone)
R 26
C 2 (MC zone)
R 5
C 2 (MC zone)
TD 5364

DRILL HOLE-Shown solid for oil and gas, open for coal. Showing drill hole data, in feet. Index number refers to hole on plate 3 of CRO map or in table of text.

GL - Ground level elevation
NR - No record
R - Rock interval
C - Coal
TD - Total depth

DRILL HOLE AND MEASURED SECTION DATA SYMBOLS

MH Zone - Menefee Hogback Mtn. zo
MA Zone - Menefee Allison zone
MA1 - Menefee Allison No. 1 bed
L - Local coal bed
MC Zone - Menefee Cleary zone
MC5 - Menefee Cleary No. 5 bed
MC4 - Menefee Cleary No. 4 bed
MC1 - Menefee Cleary No. 1 bed

COAL BED/ZONE SYMBOLS AND NAMES

GL 6800
C 0.6 (MA1)
R 36.3
C 2.9 (MA Zone)

TRACE OF COAL BED OR ZONE OUTCROP Showing rock interval and coal thickness, in feet, measured at triangle or line of section. Index number refers to measurement on plate 3 of CRO map or in tabl of text. *Denotes data is locate in open areas of drawing. Arrow points toward the coal-bearing area. Dashed line indicates indicates inferred outcrop. Trace of coal bed outcrop modified from original data source to fit modern topographic map.

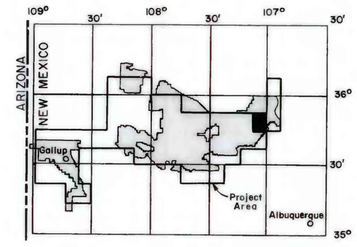
BURNED AND CLINKERED COAL BED-Showing area of baked and fused rock (v symbol). Dotted line indicates inferred limit of burning.

FAULT-Dashed where approximately located; bar and bell on downthrown side.

MINE
PROSPECT

To convert feet to meters, multiply feet by 0.3048.

NOTE: Certain outcrop lines in the high density areas have been shown in part, or omitted, for clarification in mapping.



MAP SHOWING LOCATION OF QUADRANGLE (WITHIN THE PROJECT AREA) AND THE KNOWN RECOVERABLE COAL RESOURCE AREAS (STIPPLED), NEW MEXICO

Base from U.S. Geological Survey, 1961

Compiled in 1978

SCALE 1:24000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

APPROXIMATE MEAN DECLINATION, 1961

NEW MEXICO
QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE HEADCUT RESERVOIR QUADRANGLE, SANDOVAL COUNTY, NEW MEXICO

BY

BERGE EXPLORATION, INC.

1979

PLATE I
COAL DATA MAP