UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HARD GROUND FLATS QUADRANGLE
NEW MEXICO—MC KINLEY CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 80-028
PLATE I OF 4

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

EXPLANATION

GL 6695
NR 262
R 18
C 3 (CG6)
R 49
C 2 (CG Zone)
R 24
C 2 (CG Zone)
R 40
C 2 (CG Zone)
R 94
C 2 (CG Zone)
R 18
C 4 (CG Zone)
R 29
C 3 (CG Zone)
R 364
C 3 (CD Zone)
R 10+
TD 2503

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

L-Local
MC Zone-Menefee Cleary coal zone
MC2A-Menefee Cleary No. 2A coal bed
MC2-Menefee Cleary No. 2 coal bed
MC1-Menefee Cleary No. 1 coal bed
CG8-Crevasse Canyon Gibson No. 8 coal bed
CG7-Crevasse Canyon Gibson No. 7 coal bed
CG6-Crevasse Canyon Gibson No. 6 coal bed
CG Zone-Crevasse Canyon Gibson coal zone
CG4-Crevasse Canyon Gibson No. 4 coal bed
CD4-Crevasse Canyon Dilco No. 4 coal bed
CD Zone-Crevasse Canyon Dilco coal zone
CD3-Crevasse Canyon No. 3 coal bed
CD2-Crevasse Canyon No. 2 coal bed

COAL BED SYMBOLS AND NAMES

GL 7280
C 2.3(CD4)
R 34.0
C 0.8(CD Zone)
(11) CD4

TRACE OF COAL BED OR ZONE OUTCROP-Showing rock interval and coal thickness, in feet, measured at triangle. Line of section (⟼) replaces triangle for measured interval when required. Index number refers to meas. on plate 3 of CRO map or in table of text. * denotes data is located in open areas of drawing. Arrow points toward the coal-bearing area. Dashed line indicates inferred outcrop. Trace of coal bed outcrop modified from original data source to fit modern topographic map.

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

MINE (abandoned)

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, 1963

Compiled in 1978

SCALE 1:24000

UTM GRID AND 1963 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

# COAL RESOURCE OCCURRENCE MAP OF THE HARD GROUND FLATS QUADRANGLE, McKINLEY COUNTY, NEW MEXICO

BY

BERGE EXPLORATION, INC.

1979

PLATE I
COAL DATA MAP