UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CERRO ALESNA QUADRANGLE
NEW MEXICO-MC KINLEY CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-635
PLATE I OF 19

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

(1) GL 6700
C 1.2 (MC Zone)

(2) GL 6720
C 2.0 (MC Zone)

(3) GL 6750
C 1.8 (MC Zone)

(4) GL 6760
C 2.8 (MC Zone)

(5) GL 6720
C 2.5 (MC Zone)

(6) GL 6750
C 0.5 (MC2)
R 6
C 1.1 (MC2)

(7) GL 6831
NR 40
R 273
C 2 (MC Zone)
R 32
C 5 (MC 2)
R 5
C 6 (MC 2)
R 5
C 3 (MC 2)
R 10
C 4 (MC 1)
R 424
C 2 (CG Zone)
R 8
C 2.5 (CG Zone)
R 10
C 2 (CG Zone)
R 10
C 4 (CG 2)
R 38
C 3 (CG 1)
R 595
C 3 (CD Zone)
R 15
C 2 (CD Zone)
R 30
C 2 (CD Zone)
R 10+
TD 2679

(8) GL 7181
NR 70
R 632
C 4 (MC3)
R 27
C 11 (MC2)
R 9
C 4 (MC1)
R 4
C 3.5 (MC1)
R 454
C 3 (CG Zone)
R 9
C 2 (CG Zone)
R 7
C 3 (CG2)
R 8
C 2 (CG Zone)
R 572
C 2 (CD Zone)
R 16
C 2 (CD Zone)
R 10+
TD 2985

(9) GL 6926
NR 950
R 6
C 2 (CG2)
R 2
C 4 (CG 2)
R 26
C 2 (CG Zone)
R 8
C 2 (CG 1)
R 3
C 5 (CG 1)
R 594
C 2 (CD Zone)
R 10+
TD 2444

(10) GL 6675
C 2.0 (MC Zone)

EXPLANATION

(8)
GL 7181
NR 70
R 632
C 4 (MC3)
R 27
C 11(MC2)
R 9
C 4 (MC1)
R 4
C 3.5 (MC1)
R 454
C 3 (CG Zone)
R 9
C 2 (CG Zone)
R 7
C 3 (CG2)
R 8
C 2 (CG Zone)
R 572
C 2 (CD Zone)
R 16
C 2 (CD Zone)
R 10+
TD 2985

DRILL HOLE-Shown solid for oil and gas. Showing drill hole data, in feet. Index number refers to meas. or 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

MC Zone-Menefee Cleary coal zone
MC3-Menefee Cleary No. 3 coal bed
MC2-Menefee Cleary No. 2 coal bed
MC1-Menefee Cleary No. 1 coal bed
CG Zone-Crevasse Canyon Gibson coal zone
CG2-Crevasse Canyon Gibson No. 2 coal bed
CG1-Crevasse Canyon Gibson No. 1 coal bed
CD Zone-Crevasse Canyon Dilco coal zone

COAL BED SYMBOLS AND NAMES

(6) MC 2

GL 6750
C 0.5 (MC2)
R 6
C 1.1 (MC2)

TRACE OF COAL BED OR ZONE OUTCROP-Showing rock interval and coal thickness, in feet, measured at triangle. Index number refers to measured section on plate 3 of CRO map or in table of text. 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-Bar and bell on downthrown side.

To convert feet to meters, multiply feet by 0.3048.

MAP SHOWING LOCATION OF THE QUADRANGLE AND 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 CERRO ALESNA QUADRANGLE, McKINLEY COUNTY, NEW MEXICO

BY

BERGE EXPLORATION INC.

1979

PLATE I
COAL DATA MAP