UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TWIN LAKES QUADRANGLE
NEW MEXICO—MC KINLEY CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 80-030
PLATE I OF 4*

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

4255 IV (TOHATCHI 1:62 500)

108°52'30" 50' 47'30" 108°45'
35°45'

T. 18 N. / T. 17 N.

42'30"

40'

4255 III NW (TSE BONITA SCHOOL)

4255 II NW (BIG ROCK HILL)

T. 17 N. / T. 16 N.

32 33 34 35 36 31 32 33

5 4 3 2 1 5 4

8 9 10 11 12 8 9

35°37'30" 108°52'30" 50' 47'30" R. 19 W. R. 18 W. 108°45' 35°37'30"

(SAMSON LAKE) 4255 III SW

(GALLUP WEST) 4255 III SE

(GALLUP EAST) 4255 II SW

Base from U.S. Geological Survey, 1963

Compiled in 1978

SCALE 1:24000

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

GL 6612
NR 100
R 88
C 3 (MA Zone)
R 625
C 3 (MC-CG Zone)
R 72
C 3 (CG 8)
R 6
C 5 (CG Zone)
R 6
C 2 (CG Zone)
R 30
C 5 (CG 7)
R 1.0
C 1.0 (CG 7)
R 40.5
C 4 (CG 8)
R 4.5
C 4
R 5.5
C 2 (CG Zone)
R 1.0
C 3 (CG Zone)
R 12
C 3 (CG Zone)
R 12
C 3.5 (CG Zone)
R 61
C 3 (CG 5)
R 43
C 2 (CG Zone)
R 12.5
C 2 (CG 4)

R 1.0
C 1.5 (CG 4)
R 332
C 6 (CD 8)
R 19.5
C 2 (CD Zone)
R 3.5
C 3 (CD Zone)
R 12
C 2.5 (CD Zone)
R 8.5
C 3 (CD Zone)
R 7
C 1.0 (CD 5)
R 1.5
C 3 (CD 5)
R 1.0
C 1.0 (CD 5)
R 58.5
C 2 (CD 3)
R 1.0
C 2.5 (CD 3)
R 9.5
C 4 (CD Zone)
R 31.5
C 4.5 (CD Zone)
R 2
C 3.5 (CD Zone)
R 1.5
C 1.0 (CD Zone)
R 10+
TD 2142

EXPLANATION

(1) • GL 6612
NR 100
R 88
C 3 (MA Zone)
R 625
C 3 (MC-CG Zone)
R 72
C 3 (CG8)
R 10+
TD 2142

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

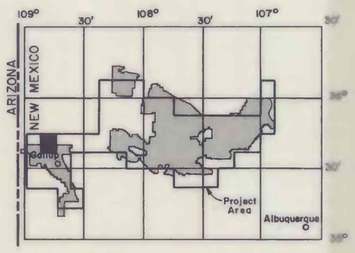
GL-Ground level elevation
NR-No record
R-Rock interval
C-Coal
TD-Total depth

DRILL HOLE DATA SYMBOLS

MA Zone-Menefee Allison Coal Zone
MC-CG Zone-Menefee Cleary-Crevasse Canyon Gibson Coal Zone
CG Zone-Crevasse Canyon Gibson Coal Zone
CG8-Crevasse Canyon Gibson No. 8 Coal Bed
CG7-Crevasse Canyon Gibson No. 7 Coal Bed
CG6-Crevasse Canyon Gibson No. 6 Coal Bed
CG5-Crevasse Canyon Gibson No. 5 Coal Bed
CG4-Crevasse Canyon Gibson No. 4 Coal Bed
CD Zone-Crevasse Canyon Dilco Coal Zone
CD8-Crevasse Canyon Dilco No. 8 Coal Bed
CD5-Crevasse Canyon Dilco No. 5 Coal Bed
CD3-Crevasse Canyon Dilco No. 3 Coal Bed

To convert feet to meters, multiply feet by 0.3048.

*See additional partial area maps in report.




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

GN MN 14° 249 MILS 1°16' 23 MILS

UTM GRID AND 1963 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

NEW MEXICO

QUADRANGLE LOCATION

# COAL RESOURCE OCCURRENCE MAP OF THE TWIN LAKES QUADRANGLE, McKINLEY COUNTY, NEW MEXICO

BY

BERGE EXPLORATION, INC.

1979

PLATE I
COAL DATA MAP