UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

OPEN FILE REPORT 79-637
PLATE I OF 16

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

107°45' — R. 9 W. — R. 8 W. — 42'30" — (WHITEHORSE) — 40' — R. 8 W. — 107°37'30" — (WHITEHORSE RINCON) — 35°45'

T. 18 N.
T. 17 N.
T. 16 N.

(1) GL 7144, NR 141, R 108, C 2.0(MC Zone), R 114, C 2.5 (MC Zone), R 19.5, C 2.0(MC Zone), R 34.5, C 2.0 (MC Zone), R 43, C 2.0(MC Zone), R 23, C 2.0 (MC Zone), R 38, C 2.0 (MC Zone), R 56, C 2.0(MC 1), R 10+, TD 2925

(2) GL 6997, NR 126, R 194, C 2.0(MC Zone), R 104, C 2.0(MC1), R 10+, TD 3240

(3) GL 7079, NR 126, R 250, C 3.5(MC Zone), R 32, C 2.0(MC Zone), R 32, C 2.0(MC Zone), R 53, C 3.0(MC3), R 63, C 2.0 (MC1), R 2, C 1.5 (MC1), R 5, C 2.0 (MC1), R 10+, TD 2990

(4) GL 6793, NR 69, R 131, C 2.0(MC Zone), R 117, C 2.0(MC Zone), R 157, C 2.5(MC 3), R 76, C 2.0(MC 1), R 4, C 2.5 (MC1), R 10+, TD 2880

(5) GL 6940, NR 32, R 7, C 2.0 (MC Zone), R 199, C 3.0 (MC 3), R 1.5, C 2.5(MC 3), R 1.0, C 1.0 (MC 3), R 2, C 4.0 (MC 3), R 2, C 1.0 (MC 3), R 34, C 2.0(MC Zone), R 9, C 2.5(MC1), R 3, C 2.0 (MC1), R 10+, TD 1518

(6) GL 6952, NR 125, R 91, C 2.0(MC Zone), R 126, C 3.0(MC 3), R 9, C 2.0(MC 3), R 15, C 2.0(MC Zone), R 15, C 2.5 (MC 1), R 6.5, C 2.5(MC 1), R 10+, TD 2800

(7) GL 6968, NR 103, R 73, C 2.0 (MC Zone), R 61.5, C 2.5(MC Zone), R 11.5, C 2.0(MC 3), R 6.5, C 2.0 (MC 3), R 37, C 3.5 (MC 1), R 10+, TD 2720

(8) GL 6924, NR 85, R 92, C 2.0 (MC Zone), R 90, C 2.5 (MC 1), R 10+, TD 1645

(9) GL 6881, NR 91, R 106, C 2.0(MC Zone), R 78.5, C 3.5(MC 1), R 10+, TD 1655

(10) GL 6918, NR 98, R 171, C 2.0(MC Zone), R 205, C 2.0(MC1), R 10+, TD 2750

(11) GL 6890, NR 127, R 53, C 2.0(MC Zone), R 183, C 2.0 (MC1), R 10+, TD 2745

(12) GL 6953, NR 71, R 157, C 2.5 (MC Zone), R 119.5, C 2.0(MC Zone), R 193, C 2.0 (MC 1), R 1.5, C 1.0(MC1), R 10+, TD 2917

(13) GL 6889, NR 66, R 531, C 2.0 (MC Zone), R 28, C 3.5(MC1), R 2.5, C 1.0 (MC 1), R 10+, TD 3050

(14) GL 6724, NR 357, R 173, C 2.0 (MC Zone), R 75, C 3.0 (MC Zone), R 27, C 2.0(MC 1), R 10+, TD 5860

(15) GL 7008, NR 81, R 166, C 2.0(MC Zone), R 64, C 3.0(MC Zone), R 168, C 2.0(MC1), R 10+, TD 2872

(16) GL 6931, NR 68, R 187.5, C 2.0(MC Zone), R 11.5, C 2.0 (MC Zone), R 54, C 2.0(MC Zone), R 55.5, C 2.0(MC Zone), R 8, C 2.0 (MC Zone), R 23.5, C 2.0(MC 1), R 10+, TD 2924

(17) GL 6888, NR 27, R 516, C 2.0(MC 1), R 2, C 2.0 (MC 1), R 10+, TD 1864

(18) GL 6891, NR 94, R 325, C 2.0(MC Zone), R 76, C 2.0(MC Zone), R 12, C 2.0(MC Zone), R 77.5, C 1.5(MC 1), R 3, C 4.0 (MC 1), R 10+, TD 2990

(19) GL 7010, NR 103, R 7, C 2.0 (MC Zone), R 9, C 2.0 (MC Zone), R 6, C 2.5 (MC Zone), R 52.5, C 2.0 (MC Zone), R 127, C 2.0 (MC Zone), R 68, C 2.5 (MC Zone), R 142.5, C 1.5(MC1), R 2, C 2.5 (MC 1), R 10+, TD 2997

(20) GL 6853, NR 70, R 282.5, C 3.0(MC Zone), R 175, C 2.0 (MC Zone), R 27.5, C 2.0(MC 1), R 10+, TD 1880

(21) GL 6888, NR 70, R 316, C 2.0(MC Zone), R 30, C 2.5(MC Zone), R 7.5, C 2.0(MC Zone), R 82, C 4.0(MC1), R 10+, TD 2860

(22) GL 6827, NR 36, R 328, C 2.0 (MC Zone), R 15, C 2.5 (MC Zone), R 96.5, C 4.0(MC1), R 10+, TD 1787

(23) GL 6848, NR 45, R 168, C 2.0 (MC Zone), R 186.5, C 2.5(MC Zone), R 79, C 2.5 (MC 2), R 29, C 2.0(MC 1), R 10+, TD 3001

(24) GL 6738, NR 128, R 180, C 2.5(MC 2), R 12.5, C 2.0 (MC 1), R 3.5, C 2.5 (MC1), R 10+, TD 3746

(25) GL 6790, NR 67, R 4, C 2.5 (MC2), R 9.5, C 2.0 (MC 1), R 428, C 2.0 (CG 1), R 10+, TD 2400

(26) GL 6829, NR 224, R 349, C 2.5 (CG 1), R 8, C 2.5 (CG1), R 10+, TD 2340

MC Zone

EXPLANATION

(8) ● GL 6924
NR 85
R 92
C 2.0 (MC Zone)
R 90
C 2.5 (MC 1)
R 10+
TD 1645

DRILL HOLE-Showing 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

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
CG1-Crevasse Canyon Gibson No. 1 coal bed

COAL BED/ZONE SYMBOLS AND NAMES

MC Zone

TRACE OF COAL BED OR ZONE OUTCROP-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.

109° — 30' — 108° — 30' — 107° — 30'
ARIZONA
NEW MEXICO
Gallup
Project Area
Albuquerque
36°
30'
35°

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

SCALE 1:24000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER

Compiled in 1978

(PIEDRA DE LA AGUILA) (EL DADO)

APPROXIMATE MEAN DECLINATION, 1961
TRUE NORTH
MAGNETIC NORTH
13½°

NEW MEXICO
QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE HOSPAH QUADRANGLE, McKINLEY COUNTY, NEW MEXICO

BY

BERGE EXPLORATION, INC.

1979

PLATE I
COAL DATA MAP