UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HUERFANO TRADING POST NW QUADRANGLE
NEW MEXICO–SAN JUAN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-612
PLATE 1 OF 15

108°00' 57'30" R 11 W R 10 W (BLOOMFIELD 1:62 500) 55' 107°52'30"
36°30' 27'30" T 26 N T 25 N 25'

(42) GL 6331 NR 300 R 1155 C 3(Fr zone) R 60 C 3(Fr zone) R 24 C 3(Fr zone) R 126 C 9(Fr 2) R 4754 TD 6437
(43) GL 6473 NR 300 R 1352 C 4(Fr zone) R 5010 TD 6666
(25) GL 6617 NR 300 R 1749 C 3(Fr zone) R 45 C 6(Fr 2) R 13 C 3(Fr 1) R 4711 TD 6830
(26) GL 6665 NR 300 R 1814 C 3(Fr 2) R 32 C 5(Fr 1) R 4735 TD 6889
(27) GL 6673 NR 300 R 1767 C 3(Fr zone) R 135 C 5(Fr 1) R 4746 TD 6596
(30) GL 6584 NR 300 R 1545 C 5(Fr zone) R 97 C 3(Fr zone) R 45 C 7(Fr 2) R 18 C 4(Fr 1) R 4761 TD 6785
(47) GL 6382 NR 300 R 1381 C 8(Fr 2) R 4677 TD 6366
(46) GL 6402 NR 300 R 6171 TD 6471
(45) GL 6370 NR 300 R 6107 TD 6407
(44) GL 6392 NR 300 R 1221 C 15(Fr zone) R 4933 TD 6464
(29) GL 6588 NR 300 R 1683 C 3(Fr 2) R 28 C 4(Fr 1) R 4748 TD 6766
(28) GL 6631 NR 300 R 1653 C 4(Fr zone) R 158 C 3(Fr 1) R 4737 TD 6857
(49) GL 6313 NR 300 R 5960 TD 6260
(50) GL 6308 NR 300 R 5992 TD 6292
(31) GL 6405 NR 300 R 1384 C 4(Fr zone) R 4776 TD 6464
(32) GL 6487 NR 300 R 1484 C 2(Fr zone) R 26 C 3(Fr zone) R 4756 TD 6601
(48) GL 6257 NR 300 R 1185 C 6(Fr 2) R 4794 TD 6285
(51) GL 6348 NR 300 R 6031 TD 6331
(33) GL 6590 NR 300 R 1600 C 2(Fr zone) R 100 C 2(Fr 1) R 4723 TD 6727
(34) GL 6637 NR 300 R 1614 C 4(Fr zone) R 56 C 2(Fr zone) R 4864 TD 6840
(54) GL 6362 NR 300 R 6081 TD 6381
(52) GL 6433 NR 300 R 1411 C 7(Fr 1) R 4715 TD 6433
(38) GL 6455 NR 300 R 1439 C 6(Fr 1) R 4748 TD 6493
(37) GL 6498 NR 300 R 1437 C 2(Fr zone) R 75 C 6(Fr 1) R 4719 TD 6539
(36) GL 6580 NR 300 R 1550 C 3(Fr zone) R 26 C 3(Fr zone) R 57 C 7(Fr 1) R 4713 TD 6647
(55) GL 6287 NR 300 R 1137 C 5(Fr 2) R 4748 TD 6190
(53) GL 6435 NR 300 R 6107 TD 6407
(35) GL 6698 NR 300 R 1704 C 3(Fr zone) R 90 C 7(Fr 1) R 4649 TD 6753
(57) GL 6376 NR 300 R 1318 C 4(L) R 4676 TD 6294
(39) GL 6580 NR 300 C 8(Fr 1) R 4732 TD 6595
(40) GL 6642 NR 300 R 1538 C 3 (Fr zone) R 26 C 1 (Fr zone) R 57 C 7 (Fr 1) R 4713 TD 6647
(56) GL 6202 NR 300 R 996 C 6(Fr 2) R 4635 TD 5937
(58) GL 6370 NR 300 R 5887 TD 6187
(41) GL 6781 NR 300 R 1824 C 6(Fr 1) R 4740 TD 6870
(13) GL 6355 NR 300 R 964 C 2(Fr zone) R 4927 TD 6193
(12) GL 6491 NR 300 R 1314 C 3(Fr 1) R 4712 TD 6329
(4) GL 6542 NR 300 R 1415.5 C 4(Fr 1) R 4697 TD 6416.5
(3) GL 6597 NR 300 C 2(Fr zone) R 5 C 3(Fr zone) R 57 C 8(Fr 1) R 3912 TD 5746
(2) GL 6709 NR 300 R 1585 C 3(Fr zone) R 24 C 3(Fr zone) R 65 C 3(Fr 1) R 3897 TD 5880
(14) GL 6321 NR 300 R 979 C 2(Fr 2) R 2 C 2(Fr 2) R 9 C 2(Fr 2) R 10,172 TD 11,468
(1) GL 6711 NR 300 R 1662 C 7(Fr 1) R 4619 TD 6588
(15) GL 6428 NR 300 R 806 C 2.5(Fr zone) R 46.5 C 2(Fr zone) R 100 C 4(Fr zone) R 4846 TD 6107
(16) GL 6327 NR 300 R 928 C 3(Fr zone) R 92 C 3(Fr 1) R 5 C 3(Fr 1) R 4761 TD 6087
(17) GL 6421 NR 300 R 904 C 2(Fr zone) R 178 C 2(Fr zone) R 3 C 2(Fr zone) R 82 C 3(Fr 1) R 4728 TD 6144
(5) GL 6422 NR 300 R 1192 C 5(Fr 1) R 4758 TD 6255
(6) GL 6479 NR 300 R 1267.5 C 2(Fr zone) R 65 C 2(Fr 1) R 4725 TD 6361.5
(7) GL 6646 NR 300 R 1482 C 2(Fr zone) R 59 C 7(Fr 1) R 4644 TD 6494
(18) GL 6428 NR 300 R 879 C 2(Fr zone) R 4 C 2(Fr zone) R 93 C 6(Fr 1) R 1528 C 2(Me zone) R 3206 TD 6022
(9) GL 6482 NR 300 R 1090 C 3(Fr zone) R 82 C 3(Fr 1) R 3 C 2(Fr 1) R 4820 TD 6302
(8) GL 6493 NR 300 R 1130 C 2(Fr zone) R 6 C 3(Fr zone) R 58 C 8(Fr 1) R 4704 TD 6211
(19) GL 6413 NR 300 R 931 C 7(Fr 1) R 4724 TD 5962
(22) GL 6508 NR 300 R 992 C 2(Fr zone) R 4 C 2(Fr zone) R 96 C 8(Fr 1) R 4765 TD 6169
(10) GL 6583 NR 300 R 1206 C 7 (Fr 1) R 4713 TD 6226
(20) GL 6451 NR 300 R 920 C 8(Fr 2) R 4 C 3(Fr 2) R 1484 C 4(Fr zone) R 2267 TD 4990
(24) GL 6556 NR 300 R 1025 C 16(Fr 2) R 4706 TD 6047
(21) GL 6545 NR 300 R 948 C 2(Fr zone) R 117 C 4(Fr 1) R 3782 TD 5153
(23) GL 6608 NR 300 R 1139 C 12(Fr 1) R 4751 TD 6202
(11) GL 6613 NR 300 R 1151 C 12(Fr 1) R 3744 TD 5207

Base from U.S. Geological Survey, 1966

Compiled in 1979

GN MN 1°45' 11 MILS 13½ 240 MILS
UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

1 MILE 0 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER 0 1 2 3 4 5

NEW MEXICO
QUADRANGLE LOCATION

EXPLANATION

(21) GL 6565 NR 300 R 948 C 2 (Fr zone) R 117 C 4 (Fr 1) R 3782 TD 5153

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.

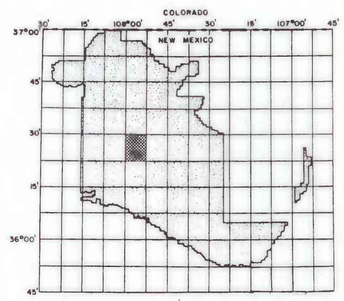
GL - Ground level elevation
NR - No record
R - Rock interval
C - Coal interval
TD - Total depth

TEST HOLE DATA SYMBOLS

Fr zone - Fruitland zone
Fr 2 - Fruitland 2 bed
Fr 1 - Fruitland 1 bed
Me zone - Menefee zone
L - Local bed
COAL BED AND COAL ZONE SYMBOLS AND NAMES

To convert feet to meters, multiply feet by 0.3048.

NR is an average of 300 ft (91 m) of casing. Actual depth of casing not shown.



MAP SHOWING LOCATION OF THE HUERFANO TRADING POST NW QUADRANGLE (SHADED) AND THE SAN JUAN BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), NEW MEXICO

This map was prepared under contract to the U.S. Geological Survey and has not been edited for conformity with Geological Survey editorial standards. Opinions and conclusions expressed herein do not necessarily represent those of the Geological Survey.

COAL RESOURCE OCCURRENCE MAP OF THE HUERFANO TRADING POST NW QUADRANGLE, SAN JUAN COUNTY, NEW MEXICO

BY

DAMES & MOORE

1979

PLATE 1
COAL DATA MAP