UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SW¼ OF AZTEC 15' QUADRANGLE
NEW MEXICO-SAN JUAN CO.

OPEN FILE REPORT 79-1117
PLATE 1 OF 19

108°00′ 57′30″ R.11 W. R.10 W. 55′ 107°52′30″
36°52′30″ 36°52′30″

T.31 N.
T.30 N.
50′
47′30″
T.30 N.
T.29 N.
36°45′ 36°45′

(28) GL 5801 NR 300 R 1815 C 5(Fr zone) R 131 C 3(Fr 3) R 38 C 4(Fr 2) R 54 C 20(Fr 1) R 7 C 2(L) R 4752 TD 7131

(27) GL 5851 NR 300 R 1955 C 3(Fr zone) R 169 C 2(L) R 6 C 16(Fr 1) R 221 TD 2672

(24) GL 5946 NR 300 R 2156 C 3(Fr 4) R 17 C 7(Fr 3) R 59 C 2(L) R 63 C 4(Fr 1) R 194 TD 2805

(26) GL 6127 NR 300 R 2206 C 3(Fr zone) R 12 C 3(Fr zone) R 108 C 3(Fr 4) R 24 C 4(Fr 3) R 3 C 2(Fr 3) R 40 C 2(Fr 2) R 59 C 3(L) R 40 C 8(Fr 1) R 2170 TD 4990

(29) GL 5745 NR 300 R 1636 C 3(Fr zone) R 263 C 18(Fr 1) R 24 C 2(L) R 4650 TD 6896

(30) GL 5766 NR 300 R 1801 C 3(Fr zone) R 44 C 3(Fr 3) R 121 C 13(Fr 1) R 4733 TD 7018

(25) GL 6068 NR 300 R 2110 C 3(Fr zone) R 117 C 2(Fr 3) R 43 C 5(Fr 2) R 100 C 8(L) R 12 C 5(Fr 1) R 2189 TD 4894

(14) GL 5655 NR 300 R 1451 C 2(Fr zone) R 359 C 17(Fr 1) R 4718 TD 6847

(6) GL 6068 NR 300 R 2055 C 3(Fr zone) R 48 C 2(Fr zone) R 75 C 5(Fr 3) R 11 C 4(L) R 42 C 3(Fr 2) R 44 C 3(L) R 24 C 2(L) R 30 C 3(Fr 1) R 2377 TD 5031

(5) GL 6388 NR 300 R 2498 C 2(Fr zone) R 48 C 4(Fr 4) R 12 C 5(Fr 3) R 2 C 4(Fr 3) R 27 C 2(Fr 2) R 8 C 2(Fr 2) R 248 TD 3162

(15) GL 5913 NR 300 R 1963 C 4(Fr 3) R 65 C 2(L) R 58 C 12(Fr 1) R 2451 TD 4855

(7) GL 6312 NR 300 R 2362 C 4(Fr 4) R 38 C 3(Fr 3) R 161 C 5(Fr 1) R 2533 TD 5406

(8) GL 6430 NR 300 R 2609 C 9(Fr 3) R 20 C 4(Fr 2) R 228 TD 3170

(17) GL 5753 NR 300 R 1626 C 3(Fr zone) R 92 C 2(Fr 3) R 98 C 14(Fr 1) R 4690 TD 6825

(16) GL 5964 NR 300 R 6804 TD 7104

(10) GL 6302 NR 300 R 2297 C 3(Fr zone) R 127 C 4(Fr 4) R 14 C 5(Fr 3) R 2626 TD 5376

(9) GL 6325 NR 300 R 2121 C 3(Fr zone) R 164 C 2(Fr 4) R 40 C 4(Fr 3) R 159 C 3(Fr 1) R 114 TD 2910

(18) GL 5876 NR 300 R 1709 C 3(Fr zone) R 72 C 4(Fr 4) R 116 C 2(Fr 2) R 46 C 4(Fr 1) R 4650 TD 6906

(19) GL 6172 NR 300 R 2099 C 4(Fr zone) R 6 C 4(Fr 4) R 4844 TD 7257

(22) GL 5894 NR 300 R 1696 C 4(Fr 4) R 67 C 2(Fr 3) R 31 C 4(Fr 2) R 62 C 8(Fr 1) R 90 C 4(L) R 4564 TD 6832

(11) GL 6210 NR 300 R 2073 C 4(Fr zone) R 125 C 8(Fr 4) R 30 C 4(Fr 3) R 132 C 4(Fr 1) R 2625 TD 5305

(21) GL 5979 NR 300 R 1840 C 3(Fr zone) R 24 C 3(Fr 3) R 33 C 3(Fr 2) R 83 C 5(Fr 1) R 4762 TD 7056

(20) GL 5899 NR 300 R 1686 C 4(Fr zone) R 103 C 4(Fr 4) R 21 C 2(Fr 3) R 116 C 5(Fr 1) R 4749 TD 6990

(12) GL 6047 NR 300 R 1907 C 3(Fr 4) R 4901 TD 7111

(23) GL 5975 NR 300 R 1796 C 2(Fr zone) R 72 C 2(Fr 4) R 23 C 3(Fr 3) R 131 C 2(Fr 1) R 4625 TD 6956

(13) GL 5919 NR 300 R 1769 C 3(Fr 4) R 70 C 3(Fr 3) R 3 C 3(Fr 3) R 133 C 6(Fr 1) R 87 C 3(L) R 42 TD 2422

(3) GL 5765 NR 300 R 1585 C 2(Fr 4) R 18 C 5(Fr 3) R 3 C 2(Fr 3) R 3 C 2(L) R 20 C 5(Fr 2) R 81 C 2(L) R 30 C 2(Fr 1) R 4745 TD 6805

(4) GL 5783 NR 300 R 1520 C 3(Fr 4) R 175 C 10(Fr 1) R 6747 TD 6755

(2) GL 5856 NR 300 R 1720 C 3(Fr zone) R 160 C 2(Fr 1) R 4679 TD 6864

(1) GL 5856 NR 300 R 1768 C 4(Fr 4) R 52 C 2(Fr 3) R 31 C 3(Fr 2) R 40 C 3(L) R 43 C 12(Fr 1) R 4582 TD 6840

EXPLANATION

(19) GL 6172 NR 300 R 2099 C 4 (Fr zone) R 6 C 4 (Fr 4) R 4844 TD 7257

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

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

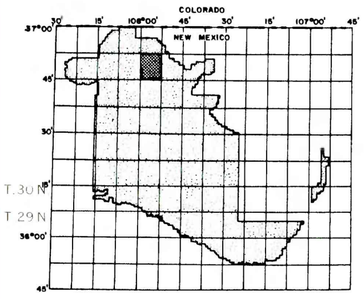
TEST HOLE DATA SYMBOLS

Fr zone - Fruitland zone
Fr 4 - Fruitland 4 bed
Fr 3 - Fruitland 3 bed
Fr 2 - Fruitland 2 bed
Fr 1 - Fruitland 1 bed
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 SOUTHWEST QUARTER OF THE AZTEC 15-MINUTE QUADRANGLE (SHADED) AND THE SAN JUAN BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), NEW MEXICO

Base from U.S. Geological Survey, 1959

Compiled in 1979

SCALE 1:24 000

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

COAL RESOURCE OCCURRENCE MAP OF THE SOUTHWEST QUARTER OF THE AZTEC 15-MINUTE QUADRANGLE, SAN JUAN COUNTY, NEW MEXICO

BY
DAMES & MOORE
1979

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.

PLATE 1
COAL DATA MAP