UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

OPEN FILE REPORT 79-1119
PLATE 1 OF 27

107°45'00" 42'30" R.8 W. 40' 107°37'30"
36°52'30" 36°52'30"
T.31 N. T.31 N.
50' 50'
T.30 N. T.30 N.
36°47'30" 36°47'30"
T.29 N. T.29 N.
36°45'00" 36°45'00"
107°45'00" 42'30" R.8 W. 40' 107°37'30"
R.9 W. R.9 W.

26 25 30 29 28 27 26 25
35 36 31 32 33 34 35 36
2 1 6 5 4 3 2 1
11 12 7 8 9 10 11 12
14 13 18 17 16 15 14 13
23 24 19 20 21 22 23 24
26 25 30 29 28 27 26 25
35 36 31 32 33 34 35 36
2 1 6 5 4 3 2 1

(1) GL 6252
NR 300
R 2345
C 3(Fr 6)
R 39
C 3(L)
R 56
C 19(Fr 4)
R 14
C 7(Fr 3)
R 67
C 4(Fr 1)
R 2396
TD 5253

(2) GL 6249
NR 300
R 2674
C 11(Fr 5)
R 421
TD 3406

(3) GL 6259
NR 300
R 2625
C 10(Fr 5)
R 23
C 2(Fr 4)
R 24
C 4(Fr 3)
R 4711
TD 7699

(4) GL 6025
NR 300
R 2194
C 3(Fr zone)
R 11
C 4(Fr zone)
R 190
C 8(Fr 4)
R 39
C 4(Fr 3)
R 45
C 14(Fr 1)
R 2443
TD 5255

(5) GL 5988
NR 300
R 2283
C 9(Fr 6)
R 83
C 4(Fr 4)
R 53
C 3(Fr 2)
R 19
C 17(Fr 1)
R 4589
TD 7360

(6) GL 6168
NR 300
R 2610
C 5(Fr 3)
R 571
TD 3486

(7) GL 6084
NR 300
R 2468
C 2(Fr zone)
R 44
C 14(Fr 5)
R 2
C 3(Fr 5)
R 13
C 6(Fr 4)
R 44
C 3(Fr 3)
R 58
C 10(Fr 1)
R 2562
TD 5529

(8) GL 5682
NR 300
R 1999
C 8(Fr 5)
R 5
C 11(Fr 5)
R 4
C 3(Fr 5)
R 32
C 5(Fr 4)
R 72
C 4(Fr 2)
R 24
C 8(Fr 1)
R 2549
TD 5024

(9) GL 5812
NR 300
R 1968
C 3(Fr zone)
R 108
C 19(Fr 5)
R 23
C 2(Fr 4)
R 65
C 2(Fr 2)
R 41
C 11(Fr 1)
R 163
TD 2685

(10) GL 5765
NR 300
R 2165
C 7(Fr 1)
R 480
TD 2952

(11) GL 5848
NR 300
R 2304
C 9(Fr 1)
R 2421
TD 5034

(12) GL 6085
NR 300
R 2332
C 3(Fr zone)
R 166
C 7(Fr 3)
R 50
C 6(Fr 2)
R 1676
TD 4540

(13) GL 5910
NR 300
R 2091
C 3(Fr zone)
R 214
C 3(Fr 3)
R 2492
TD 5103

(14) GL 6177
NR 300
R 2356
C 4(Fr zone)
R 12
C 3(Fr zone)
R 7
C 4(Fr zone)
R 126
C 4(Fr zone)
R 5
C 2(Fr 5)
R 34
C 2(Fr 4)
R 33
C 3(Fr 3)
R 1644
TD 4539

(15) GL 5866
NR 300
R 2039
C 2(Fr zone)
R 32
C 2(Fr 5)
R 23
C 21(Fr 4)
R 13
C 9(Fr 3)
R 41
C 6(Fr 2)
R 31
C 6(Fr 1)
R 183
TD 2705

(16) GL 6161
NR 300
R 2400
C 4(Fr 5)
R 5
C 4(Fr 5)
R 17
C 3(Fr 4)
R 80
C 4(Fr 2)
R 182
TD 2999

(17) GL 6324
NR 300
R 2498
C 3(Fr zone)
R 13
C 3(Fr zone)
R 9
C 4(Fr zone)
R 114
C 6(Fr 2)
R 6
C 4(L)
R 25
C 3(L)
R 7
C 5(Fr 1)
R 2382
TD 5382

(18) GL 6046
NR 300
R 2215
C 3(Fr zone)
R 65
C 5(Fr zone)
R 22
C 3(Fr zone)
R 104
C 5(Fr 3)
R 39
C 4(Fr 2)
R 1135
TD 3900

(19) GL 5904
NR 300
R 2143
C 6(Fr 6)
R 188
C 10(Fr 1)
R 2370
TD 5017

(20) GL 5894
NR 300
R 2204
C 4(Fr 4)
R 31
C 3(Fr 3)
R 29
C 4(Fr 2)
R 38
C 4(Fr 1)
R 471
TD 3088

(21) GL 5753
NR 300
R 2009
C 4(Fr5)
R 18
C 2(Fr 4)
R 7
C 2(Fr 4)
R 24
C 2(Fr 3)
R 27
C 2(Fr 2)
R 182
TD 2579

(22) GL 5707
NR 300
R 1937
C 4(Fr 4)
R 89
C 2(Fr 1)
TD 2425

(23) GL 5860
NR 300
R 2022
C 5(Fr 6)
R 73
C 8(Fr 4)
R 8
C 3(Fr 4)
R 18
C 2(Fr 3)
R 2
C 2(Fr 3)
R 60
C 5(Fr 1)
R 4
C 2(Fr 1)
R 94
TD 2608

(24) GL 6206
NR 300
R 2446
C 2(Fr zone)
R 200
C 3(Fr 4)
R 35
C 6(Fr 3)
R 236
TD 3228

EXPLANATION

(13) GL 5910
NR 300
R 2091
C 3(Fr zone)
R 214
C 3(Fr 3)
R 2492
TD 5103

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

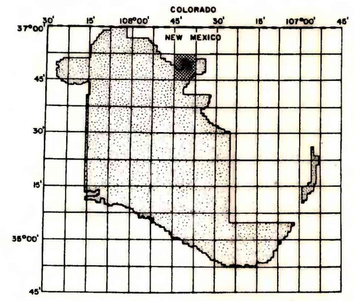
TEST HOLE DATA SYMBOLS

Fr zone - Fruitland zone
Fr 6 - Fruitland 6 bed
Fr 5 - Fruitland 5 bed
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 NAVAJO DAM 15-MINUTE QUADRANGLE (SHADED) AND THE SAN JUAN BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), NEW MEXICO

Base from U.S. Geological Survey,

SCALE 1:24000

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

Compiled in 1979

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

BY
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1979

PLATE 1
COAL DATA MAP