UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DOUBLE TANKS QUADRANGLE
WYOMING—CAMPBELL CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-051
PLATE I OF 35

105°52'30" 50' R. 75 W. (SCOTT DAM) R. 74 W 47'30" 105°45'
44°07'30" 44°07'30"

(4872 II NW (MORGAN DRAW))
(4872 II NW (4 J RANCH))

T. 48 N.
T. 47 N.
5'
2'30"
44°00'

(BOGIE DRAW)
(PLEASANTDALE)
(FATS DRAW 4871 IV NW)
(NORTH STAR SCHOOL 4871 I 1:62 500)

21 22 23 24 19 20 21
1 GL 4545 NR 288 R 27 C 3(F) R 380 C 7(S) R 3 C 3(S) R 377 C 83(A-C-Co) R 214 C 56(UW) R 71 C 16(LW) R 114 C 4(P) R 469 C 21(Wc) R 22 C 15(M) R 65 C 13(O) R 10+
2 GL 4541 NR 316 R 372 C 8(S) R 4 C 4(S) R 324 C 80(A-C-Co) R 240 C 55(UW) R 68 C 15(LW) R 120 C 3(P) R 458 C 21(Wc) R 18 C 12(M) R 82 C 10(O) R 10+
3 GL 4590 NR 238 R 77 C 15(F) R 30 C 4(F) R 416 C 8(S) R 4 C 4(S) R 305 C 82(A-C-Co) R 240 C 56(UW) R 69 C 10(LW) R 136 C 4(P) R 380 C 19(Wc) R 29 C 10(M) R 74 C 2(O) R 10+
4 GL 4621 NR 300 R 27 C 8(F) R 5 C 3(F) R 29 C 3(F) R 406 C 6(S) R 5 C 4(S) R 330 C 84(A-C-Co) R 217 C 59(UW) R 86 C 10(LW) R 135 C 6(P) R 395 C 20(Wc) R 13 C 13(M) R 82 C 3(O) R 10 C 3(O) R 10+
5 GL 4750 NR 299 R 51 C 17(F) R 65 C 6(F) R 370 C 11(S) R 114 C 8(S) R 177 C 55(A-C-Co) R 15 C 3(A-C-Co) R 7 C 10(A-C-Co) R 205 C 58(UW) R 87 C 6(LW) R 129 C 35(P) R 333 C 25(Wc) R 14 C 11(M) R 10+
6 GL 4829 NR 160 R 230 C 30(F) R 305 C 8(S) R 132 C 15(A-C-Co) R 20 C 30(A-C-Co) R 390 C 37(UW) R 13 C 15(UW) R 220 C 10(LW) R 102 C 28(P) R 235 C 10(Wc) R 20 C 5(M) R 10+
27 26 25 30 29 28
33 35 36 31 32 33
34

4 2 1 6 5 4
7 GL 4819 NR 368 R 14 C 18(F) R 3 C 7(F) R 385 C 6(S) R 42 C 5(S) R 126 C 40(A-C-Co) R 264 C 92(UW) R 248 C 9(LW) R 64 C 3(P) R 6 C 21(P) R 240 C 7(Wc) R 34 C 8(Wc) R 10+
8 GL 4917 NR 317 R 181 C 16(F) R 32 C 7(F) R 361 C 8(S) R 231 C 48(A-C-Co) R 332 C 57(UW) R 150 C 8(LW) R 123 C 19(P) R 251 C 10(Wc) R 14 C 8(Wc) R 66 C 11(M) R 10+
9 GL 4931 NR 340 R 142 C 4(F) R 4 C 11(F) R 11 C 10(F) R 371 C 5(S) R 265 C 56(A-C-Co) R 261 C 60(UW) R 145 C 7(LW) R 148 C 17(P) R 224 C 9(Wc) R 10 C 8(Wc) R 14 C 3(M) R 10+
10 GL 5068 NR 261 R 308 C 8(F) R 3 C 9(F) R 318 C 5(S) R 149 C 3(L) R 31 C 5(L) R 38 C 35(A-C-Co) R 685 C 9(LW) R 26 C 7(L) R 31 C 17(P) R 235 C 9(Wc) R 28 C 4(M) R 10+
11 GL 4874 NR 337 R 46 C 10(F) R 18 C 8(F) R 377 C 7(S) R 376 C 55(A-C-Co) R 65 C 94(UW) R 165 C 6(LW) R 169 C 16(P) R 230 C 8(Wc) R 16 C 5(M) R 10+
9 10 11 12 7 8 9
16 15 14 13 18 17 16
22 23 24 19 20 21
12 GL 4722 NR 349 R 60 C 4(F) R 26 C 7(F) R 403 C 8(S) R 5 C 5(S) R 312 C 77(A-C-Co) R 253 C 54(UW) R 136 C 5(LW) R 89 C 6(P) R 320 C 20(Wc-M) R 10+
13 GL 4777 NR 313 R 159 C 6(F) R 33 C 7(F) R 394 C 10(S) R 6 C 4(S) R 300 C 83(A-C-Co) R 226 C 66(UW) R 154 C 8(LW) R 98 C 4(P) R 276 C 20(Wc-M) R 10+
14 GL 4695 NR 320 R 115 C 5(F) R 410 C 10(S) R 6 C 4(S) R 293 C 87(A-C-Co) R 233 C 62(UW) R 127 C 6(LW) R 85 C 6(P) R 321 C 21(Wc-M) R 10+
15 GL 4718 NR 304 R 113 C 5(F) R 45 C 5(F) R 407 C 13(S) R 5 C 5(S) R 11 C 4(S) R 21 C 4(S) R 240 C 84(A-C-Co) R 256 C 60(UW) R 118 C 6(LW) R 116 C 15(P) R 268 C 22(Wc-M) R 10+
16 GL 4792 NR 317 R 132 C 2(F) R 58 C 7(F) R 384 C 9(S) R 10 C 3(S) R 9 C 8(S) R 290 C 83(A-C-Co) R 251 C 66(UW) R 87 C 6(LW) R 135 C 13(P) R 269 C 20(Wc-M) R 10+
17 GL 4805 NR 160 R 269 C 4(F) R 8 C 7(F) R 71 C 5(F) R 374 C 5(S) R 15 C 4(S) R 39 C 3(S) R 234 C 80(A-C-Co) R 240 C 58(UW) R 52 C 5(LW) R 170 C 15(P) R 322 C 23(Wc-M) R 10+
18 GL 4668 NR 324 R 85 C 7(F) R 391 C 13(S) R 7 C 3(S) R 287 C 84(A-C-Co) R 248 C 43(UW) R 5 C 13(UW) R 152 C 7(LW) R 97 C 16(P) R 270 C 22(Wc) R 8 C 5(M) R 10+
19 GL 4714 NR 349 R 46 C 4(F) R 35 C 7(F) R 398 C 10(S) R 23 C 3(S) R 310 C 87(A-C-Co) R 197 C 70(UW) R 115 C 5(LW) R 113 C 14(P) R 297 C 22(Wc-M) R 10+
20 GL 4729 NR 288 R 130 C 8(F) R 372 C 10(S) R 5 C 5(S) R 350 C 73(A-C-Co) R 245 C 57(UW) R 80 C 9(LW) R 139 C 17(P) R 280 C 20(Wc-M) R 10+
21 GL 4782 NR 484 R 356 C 8(S) R 15 C 5(S) R 56 C 6(S) R 248 C 75(A-C-Co) R 208 C 62(UW) R 85 C 6(LW) R 176 C 14(P) R 280 C 22(Wc-M) R 10+
22 GL 4636 NR 313 R 92 C 5(F) R 388 C 10(S) R 7 C 5(S) R 302 C 80(A-C-Co) R 258 C 60(UW) R 116 C 10(LW) R 99 C 5(P) R 20 C 8(P) R 272 C 20(Wc-M) R 10+
23 GL 4634 NR 315 R 7 C 8(F) R 370 C 10(S) R 15 C 5(S) R 325 C 85(A-C-Co) R 220 C 54(UW) R 101 C 9(LW) R 142 C 14(P) R 325 C 9(Wc) R 6 C 10(M) R 10+
24 GL 4665 NR 259 R 45 C 8(F) R 398 C 9(S) R 8 C 4(S) R 308 C 75(A-C-Co) R 275 C 25(UW) R 5 C 20(UW) R 4 C 6(UW) R 70 C 7(LW) R 147 C 16(P) R 260 C 12(Wc) R 8 C 8(M) R 10+
25 GL 4786 NR 9 R 206 C 4(F) R 166 C 6(F) R 371 C 7(S) R 17 C 4(S) R 41 C 3(S) R 261 C 78(A-C-Co) R 226 C 48(UW) R 5 C 10(UW) R 93 C 7(LW) R 157 C 10(P) R 306 C 14(Wc) R 22 C 8(M) R 245 C 6(O) R 10+
26 GL 4750 NR 162 R 209 C 6(F) R 363 C 4(S) R 386 C 80(A-C-Co) R 200 C 50(UW) R 10 C 5(UW) R 61 C 9(LW) R 162 C 7(P) R 291 C 12(Wc) R 30 C 8(M) R 10+
27 GL 4756 NR 160 R 121 C 3(F) R 76 C 3(F) R 350 C 4(S) R 363 C 71(A-C-Co) R 242 C 59(UW) R 82 C 6(LW) R 173 C 19(P) R 233 C 10(Wc) R 38 C 7(M) R 10+
28 GL 4765 NR 173 R 83 C 4(F) R 75 C 5(F) R 345 C 4(S) R 334 C 62(A-C-Co) R 265 C 50(UW) R 100 C 5(LW) R 180 C 17(P) R 230 C 10(Wc) R 20 C 5(M) R 10+
4 3 2 1 6 5 4
9 10 11 12 7 8 9
16 15 14 13 18 17 16
21 22 23 24 19 20 21
28 27 26 25 30 29 28
33 34 35 36 31 32 33

EXPLANATION

6 — OIL AND GAS TEST HOLE

Showing index number of hole on Plate 3 of CRO map and drill hole data in feet.

DRILL HOLE DATA SYMBOLS

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

COAL BED SYMBOLS AND NAMES

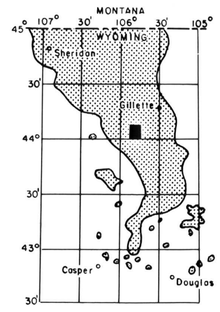
F-Felix Coal Zone
S-Smith Coal Zone
A-Anderson
C-Canyon
Co-Cook
UW-Upper Wall
LW-Lower Wall
P-Pawnee
Wc-Wildcat
M-Moyer
O-Oedekoven
L-Local

8.1 — U — TRACE OF COAL BED OUTCROP-Showing coal thickness in feet, measured at triangle. Arrow points toward the coal-bearing area. Coal bed dashed where inferred.

To convert feet to meters multiply feet by 0:3048.

This outcrop mapping is derived and enlarged from a 1:126,720 scale publication from Wegemann and others (1928, p. 1-14). Numerous irregularities in outcrop elevations and the areal geology-topographic map relationship emphasize that this map presents a generalized configuration of the coal bed outcrop. Horizontal accuracy of outcrop location is estimated at ± 1000 feet (305 m).

Outcrop configuration considered to be + 50 to 100 feet (15 to 30 m) in vertical accuracy.



MAP SHOWING LOCATION OF THE DOUBLE TANKS QUADRANGLE AND THE POWDER RIVER BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING

Base from U.S. Geological Survey, 1971

Compiled in 1979

SCALE 1:24 000

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

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN MN
0°34' 10 MILS
14½° 258 MILS

WYOMING
QUADRANGLE LOCATION

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

COAL RESOURCE OCCURRENCE MAP OF THE DOUBLE TANKS QUADRANGLE, CAMPBELL COUNTY, WYOMING

BY
IntraSearch
1979

PLATE I
COAL DATA MAP