HIRAM SWANK'S SONS

MAP OF

MINE NO. 13

DEAN TWP., CAMBRIA CO., PA.

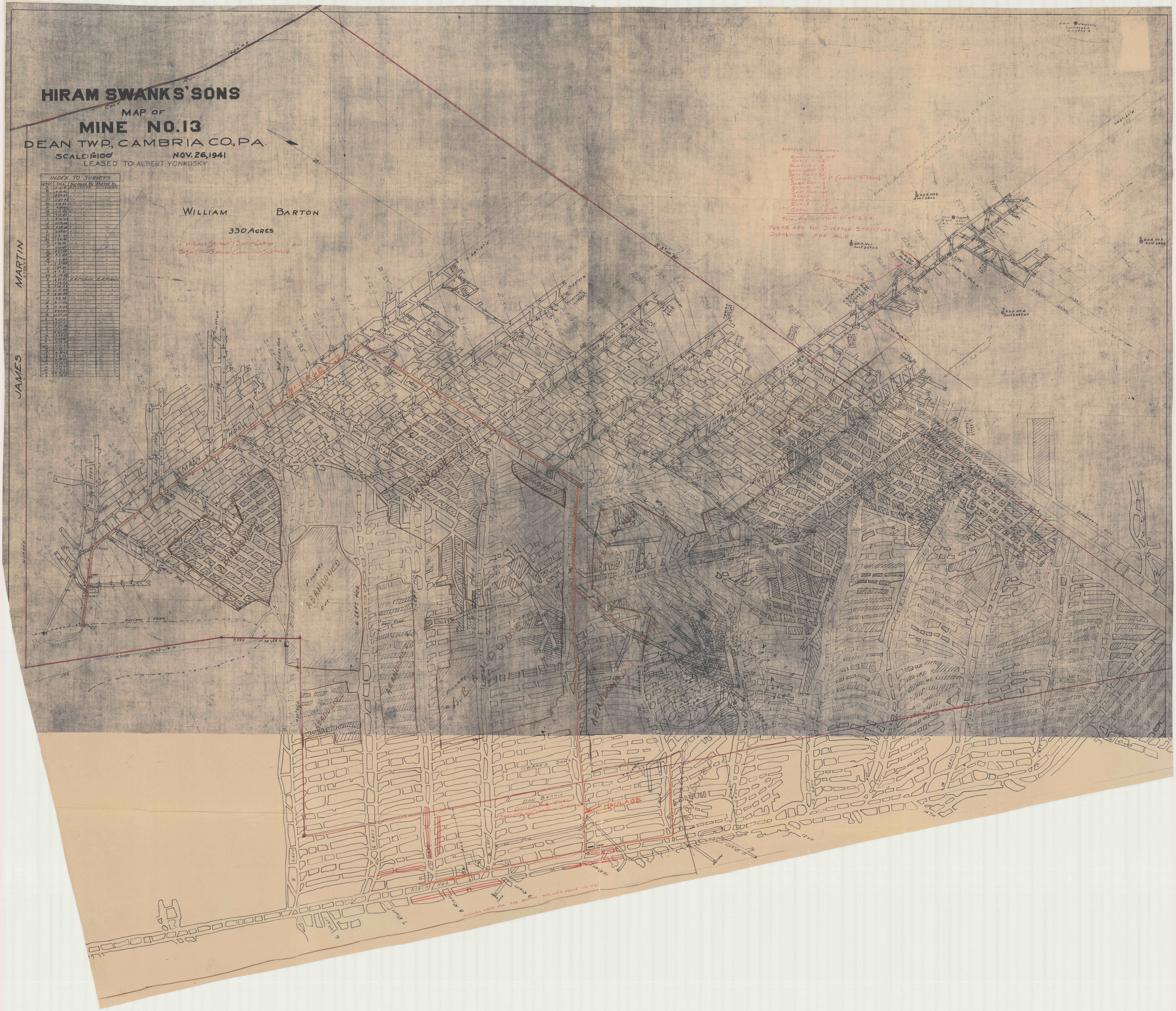
SCALE: 1"=100'

NOV. 26, 1941

LEASED TO: ALBERT YONKOSKY

INDEX TO SURVEYS

Letter	Date	Surveyed By	Plotted By
A	11-12-41	E.M. COSTER	E.M. COSTER
B	4-19-42	" " "	"
C	8-24-42	" " "	"
D	11-27-42	" " "	"
E	2-8-43	" " "	"
F	4-24-43	" " "	"
G	6-3-43	" " "	"
H	7-3-43	" " "	"
I	9-16-43	" " "	"
J	5-19-44	" " "	"
K	9-28-44	" " "	"
L	2-24-45	" " "	"
M	5-21-45	" " "	"
N	1-24-46	" " "	"
O	9-26-46	" " "	"
P	10-15-47	" " "	"
Q	4-27-48	" " "	"
R	8-5-48	" " "	"
S	1-5-49	" " "	"
T	7-27-49	" " "	"
U	1-24-50	" " "	"
V	4-7-51	" " "	"
W	2-14-52	" " "	"
X	6-20-52	E.E. McGuire	E.E. McGuire
Y	1-16-53	" "	" "
Z	7-13-53	" "	" "
a	1-11-54	" "	" "
b	6-30-54	" "	" "
c	12-3-54	" "	" "
d	6-17-55	" "	" "
e	12-13-55	" "	" "
f	6-25-56	" "	" "
g	12-20-56	" "	" "
h	6-20-57	" "	" "
i	12-30-57	" "	" "
j	6-30-58	" "	" "
k	12-31-58	" "	" "
l	6-30-59	" "	" "
m	12-29-59	" "	" "
n	6-24-60	" "	" "
o	12-28-60	" "	" "
p	6-15-61	" "	" "
q	12-20-61	" "	" "
r	6-20-62	" "	" "
s	12-31-62	" "	" "
t	6-28-63	" "	" "
u	12-20-63	" "	" "
v	6-30-64	" "	" "
w	12-30-64	" "	" "
x	6-15-65	" "	" "
y	12-28-65	" "	" "



JAMES MARTIN
2750.0±
WILLIAM BARTON
330 Acres
Hiram Swank's Sons Coal
State Game Commission Surface
COCK RUN
1660.0±
N
S 3° 00' W
MAIN HDG
HAULAGE
LIVE HDG
2nd LEFT HDG
3rd LEFT HDG
6 LEFT HDG
6 LEFT
7 LEFT
8 LEFT
5 LEFT
7 Right
8 Right
9 Right
10 Right
11 Right
12 Left
14 Left
ABANDONED
PILLARS ABANDONED OUT
SWANKS SONS
DON BENNIS
FAULTED AREA
Under Top Rock 44"
S D.D.H. No.1 Surf. 2377.3
S D.D.H. No 2 Surf. 2400
D.D.H. Dougherty Surf. 2260 B.C. 1846
8-12-63: Acres Mined by Swanks = 4.65 Say 5.05 in Dougherty
2020
2025
2045
2050
2055
2080
2085
2090
2095
2100
2110
2115
2120
2125
2140
2150
2160
2165
2180
2185
2190
2195
2200
2205
2210
2215
2220
2225
2230
2235
2240
2245
2250
2255
2260
2265
2270

AVERAGE OVERBURDEN:

SURFACE - 2' to 8'
SHALE - 12'
SAND ROCK - 8'
SANDY SHALE - 17'
SAND ROCK - 32'
COAL --- 0' 1" (APPROX. "D" SEAM)
SAND ROCK - 3'
SHALE --- 3'
SAND ROCK - 48'
SHALE --- 21'
~~SAND ROCK - 15'~~
SHALE --- 15'
COAL --- 5' 6"

TOTAL AVERAGE - 170' to 180' AT D.D.H.

THERE ARE NO SURFACE STRUCTURES OVERLYING THE MINE