ANDY BLACKNER
4.282 As.
BIRD COAL COMPANY
SURFACE
N.61°23'E. 503.8'
N.86°38'E. 126.2'
N.1°01'W. 263.8'
Hickory
2503'
1330.7'
N.28°41'W.
N.67°50'E. 502.6'
N.29°04'30"W. 341.2'
N.81°19'E. 1913.7'
N.26°02'W. 951.5'
2nd LEFT
1st LEFT
1st RIGHT
MAIN DIP
MAIN HEADING
13
14
Pump
New Exchange Line
N.70°28'E. 511.51'
N.13°15'E. 122.69'
N.14°52'E.
N.14°08'W.
2259.7'
S.79°34'30"E. 596.85'
S.81°13'40"E. 655.67'
1230'
1235'
1240
3rd RIGHT
2ND RIGHT
4th LEFT
5th LEFT
6th LEFT
2nd RIGHT
3rd RIGHT
4 RIGHT
N.89°41'37"E. 430.9'
N.52°44'50"W. 723.72'
N200
N100
N2000
W100
W200
E00
N0

MINE NO.4
BIRD COAL CO.

B SEAM MINING OPERATIONS.
SITUATE IN
CONEMAUGH TWP. SOMERSET COUNTY, PA.
AND
STONY CREEK TWP. CAMBRIA COUNTY, PA.
Scale 1"-100'   BIRD COAL CO. ENGR DEPT.   Sept 1922.

DEEP MINE SAFETY 100
0 100 200 Feet

No.	NAME OF TRACT
4	ABRAM SHETTLER.
7	JACOB HARSHBERGER
8	JACOB KAUFFMAN.
9	JOSEPH I. KAUFFMAN.
10	L.J. FOUST.
11	JOSEPH T. YODER.
12	D.K. BERKEY.
13	JOHN KAUFFMAN.
	David Ott

INDEX TO SURVEYS.

LETTER	DATE	SURVEYED BY	PLOTTED BY
A - Q	PRIOR TO MAR 1922	S.E. DICKEY CO.	S.E. DICKEY CO.
R	DEC. 8. 1922	C.P. BRINTON.	C.P. BRINTON.
S	MAY 24. 1923	" "	" "
T			
U	DEC. 22. 1923	H.G. CALDWELL.	" "
V-W-X-Y	1924	" "	I.F. WESNER.
Z	SEPT. 11, 1925	" "	" "
A	JAN. 5, 1926	" "	" "
B	APR. 22. 1926	" "	" "
C	SEPT. 30. 1926	" "	" "
D	JAN. 13. 1927	" "	" "
E	APRIL 13. 1927	" "	" "
F	AUG. 4, 1927	" "	" "
G	DEC. 9, 1927	" "	" "
H	Dec. 31, 1928	" "	" "
I	July 27, 1932	E.R. Kerschner	T.E. West
J	Dec. 14, 1932	" "	" "
K	July 14, 1933	" "	" "
L	Dec. 20, 1933	J.M. Baker	" "
M	June 25, 1934	E.R. Kerschner	" "
N	Jan. 12, 1935	T.E. West	" "
P	July 1, 1935	" "	" "
Q	Dec. 16, 1935	" "	" "
R	Dec. 7, 1937	C.J. Wild	" "

15% for gob Area - 3.5' Coal Height

Acres under Water before Receding	Gallons before Receding	Acres in Receding Area	Gallons in Receding Area	Acres in Pumping Area	Gallons in Pumping Area
102.5	117,203,625	48.5	55,457,325	18.25	20,867,962