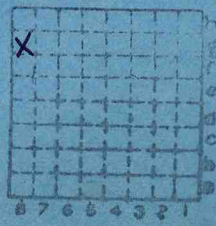




Form 180 Blue

Peak's M.

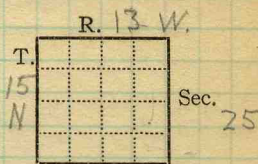
4



Sec. 25
 T. 15 N.
 R. 13 W.
 Index No.

↓

Mine Name or No., *Peak's Mine*
1/4 mile NW from *Exeter*
 Operator, 191 *Orchard & Funk*
 Operator, 191



Entrance, *Drift* Elev., ft. } above,
 } below,
 Depth to bottom coal, ft. Alt.
 SURFACE DATA.

R. R.
Local mine

- A. Topography, *Rolling* See *71*
 B. Surficial materials. (1) Character, *Drift*
 (2) Thickness, *?* (3) Effect on mining and shaft-sinking, of former drainage lines, underground water strata, etc.

None

- C. Outcrops, (1) Character, See
 (2) Structure, *Horizontal* See
 (3) Fossil horizons, *None* See
 Collection No.,
 (4) Evidences of subsidence, *None* See
 D. Note collection of mine maps, drill records and shaft logs.

See drill record sheet,

- E. Notes on surrounding area,

See

Coal bed name: Local, #2 "State vein"

Survey No.

Collector, *Ivy*
 Mine, *Peak's Mine*

Co. *Scott*

Index No.

L.—SURFACE SHEET (Geol.)

0225.09

✓

F. Thickness of rock above bed worked,

(1) Important variations,

See

G. Note presence of strata having important effect on mining,

Soapstone

See

(1) Position, *above coal*

(2) Character, *lt. gray, thin bedded*

(3) Persistence, *Runs out toward E. and N.*

(4) Other workable coal beds

See

H. Cap rock, *None*

(1) Thickness,

(2) Height above coal,

See

I. Immediate roof, *Soapstone*

(1) Thickness, *16"* (2) Contact with coal,

(3) Horizontal variation,

Runs out to N. and E.

See

J. Draw slate, (1) Thickness, (2) Contacts

None

(3) Persistence,

K. Coal bed: Max. *34* Min. *26* Av. *28* inches

(1) Benches, *None*

(a) Position,

(b) Persistence,

See

(2) Bedded impurities, kind, position in benches, persistence, ease of separation,

Sulphur in lenses and facings. Calcite and gypsum in facings







See

(3) Irregularities in bed (due to deposition, erosion, or movement),

See

(a) Effect on mining,

See

SECTION			
Name	Ft.	In.	Sym.
<i>Shale</i>	<i>10</i>		
<i>slate</i>	<i>3</i>		
<i>"Soapstone"</i>	<i>1</i>	<i>4</i>	
<i>Coal</i>	<i>2</i>	<i>6</i>	
<i>clay, lt gray</i>	<i>2</i>		
<i>lt. - limestones</i>	<i>3</i>		

Collector, *Ivy*

Coal: Survey No.

Mine, *Peak's Mine* Co. *Scott*

Index No.

K. (5) Physical character of coal in benches,

(a) Relative hardness, *Soft*(b) Lustre, *Bright with dull*(c) Fracture, *uneven*

(d) Texture,

See

(6) Impurities in coal, other than bedded,

(a) Kind, *S. in lenses and facings also CaCO₃*

(b) Position and persistence,

All through

(c) Rejected,

Ease of separation,

Only large pieces

See

L. Floor: (1) Material, *clay*(2) Thickness, *2*(3) Variation, *None*

(4) Note character, condition, tendency to heave, relation to undercutting commercial value.

None noticed

See

(5) Clay sample No.

Location,

M. Stratigraphy,

(1) Fossiliferous horizons underground,

None

Collection No.

Location,

N. Notes on effect of deep drilling in coal mine areas.

See

Collector, *Iry*
Mine, *Peak's*Co. *Scott*Coal: Survey No.

Index No.

Symbol Description Inches

1 division = 3 in.)

	Slate	36"
	"Soapstone", lt. grey shale	16"
	Bright with dull partings up to 1/4 in. Lenses of S. Facings of S. and calcite	8"
	"Mother of coal" Charcoal	1"
	Dull with bright up to 1/8". Lenses of S.	6"
	Bright with dull partings about 90% dull. Lenses of charcoal up to 1". Lenses of S. and facings of S., calcite and gypsum	15"
	Clay lt. grey, sandy	24"
	ls. brecciated	36"

Collector, Ivy
Mine, Peaks

Co. Scott

Coal: Survey No.

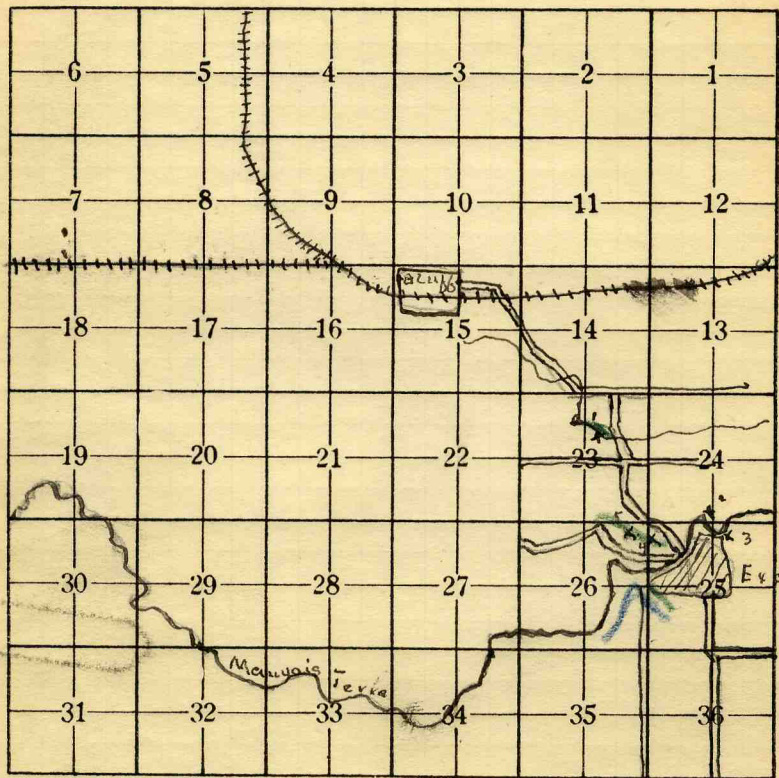
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STATE GEOLOGICAL SURVEY.

COUNTY *Scott*
TOWNSHIP *15 N*

RANGE *13 W*



- 1 W. M. Kund
- 2 Ed Berry
- 3 Robert Brown
- 4 Ed Ranyt
- 5 R. Jones

— Brecciated limestone
 — Mississippian