



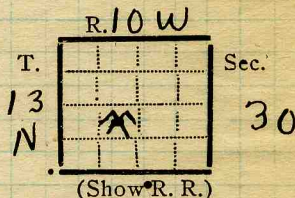
Town, *Murrayville*
 Local Authority,

Surface alt., *635* ft.
 Depth to coal, *65* ft.
 Alt. top coal, *570* ft.
 Thickness: Av. *48* in.
 Max. *59* in., Min. *36* in.

Level: Auth., *Mine notes*

Method,

R. R.,



Location: authority, *Mine notes*

Operator

Mine Name or No.

19 *F. Wagstaff*

No. 3

Successor to

Date

Succeeded by

Date

Succeeded by

Date

PRODUCTION.

															U. S. No.	
19																

Geol. Notes? *Yes* Coop. No.

Coal secs? *Yes*

Analyses No. *2739*

Examined by

Ref.

Coal bed name: Local *LOCAL MINE*

Survey No.

County *Morgan*

Index No. *1530.33*

K.—ACTIVE SHIPPING OR LOCAL COAL MINE.



STATE GEOLOGICAL SURVEY.

COUNTY *Morgan*
TOWNSHIP *13 N*

RANGE *10 W* 1530

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

1 *Wagstaff mine*
2 *Fisher mine*

ls stone outcrop in highway. Sample taken



1530

The following records entirely from memory gives the record of materials passed thro in shaft

LOCAL MINE

Surface clays	20
Shale	34
Limestone	1
Shale	7
Limestone	1
clay shale	2
Slaty coal	1/2'
Coal	4'
	<hr/>
	69 1/2'

Shaft #1 located about 600' East 50' deep
 " #2 " " 300' north 70' deep

Je wher's shaft located about 3/8 miles South
 this shaft about 60' deep.

In Sec 31 T13N R10W along highway a limestone was observed outcropping also resembling the brecciated limestone. This occurred at an elevation approximately 610'. There appeared to be 3-4 feet of limestone. Its relation to other materials was not observable. sample collected.

1530



COAL MINE NOTES.
CONTINUED.

OPERATOR *F. Wagstaff* MINE # *3* **1530**
 ENTRANCE *Shaft* NAME OF COAL BED # *2*
 ELEVATION *635±* THICKNESS OF COAL **LOCAL MINE**
 DEPTH TO FLOOR *69* MAX. *5'4"* MIN. *36"* AV. *48"*
 ALTITUDE OF COAL *566*
 LOCATION OF SECTION *About 125' east of shaft.*

No. SECTION.

No.	SECTION.	In.
1	limestone	12
2	light gray shale	24
3	5' gray coal	6
4	coal	18
5	black sh parting	1/8
6	coal	7
7	gray shale parting	1 1/2
8	coal	15
9	clay parting	1/8
10	coal	12
11	fine clay or clay shale	36±
Tape 5 2"		Total 53

SAMPLE No. *U 405*
 CAN No. *51*
 CONDITION *Dry*
 GROSS WEIGHT *28#*
 TIME EXPOSED *1 hr 1/8*
 NOT SHIPPED *1/8*
 NOT INCLUDED # *8*

SECTION

Feet
12
36
42
57
72
87
102
117
132
147
162
177
192
207
222
237
252
267
282
297
312
327
342
357
372
387
402
417
432
447
462
477
492
507
522
537

clay shale parting

PHYSICAL PROPERTIES BY NUMBERS *The lower coal # 11 is a very bright, brittle, hard, coal. # 9 is darker colored not so bright and dull lustre # 7 stands out as a prominent bench and has a dull lustre fairly hard coming out in large chunks. # 5 is the softest coal, dull lustre breaking into small pieces. # 4 a coal with small sh bands which is left to support roof known as a "bastard coal"*
 ROOF *Bastard coal 6" left up for roof, above this a soft gr sh varying from 2' to 4' then 12" of limestone*
 FLOOR *a grayish slightly sandy soft clay shale.*
 DIP *About 1 foot to every 100' to the Southwest.*
 FAULTS, ETC. *no faults, but slickensiding.*
 GAS *none*

#2739



John C. Moore

COAL MINE NOTES.

11/17/09

COUNTY *Morgan* TOWN *Murrayville* MAP No. **1530**
 T. **13 N** R. **10 W** S. **30 W 1/2 S 1/2**
 OPERATOR *F. W. Wagstaff.*
 OFFICE *R.F.D. # 2 Murrayville.* LOCAL MINE

MINE # **3**
 TIPPLE ✓
 ENGINES ✓
 BOILERS ✓
 DRUM *gin operated by horse*
 SHAFT *2 compartment 9' x 4 1/2'* CAGE *wooden, home made.*
 HAULAGE *bars pushed by hand.*
 CARS *Wooden, 300 lbs.*
 VENTILATION ✓
 DRAINAGE ✓
 SPRINKLING ✓
 WORKING SYSTEM *modified room & pillar*
 MINING METHODS *Coal mined by pack and wedged.*

SIZE OF ENTRIES—MAIN **6'** CROSS **6'** ROOM ✓ NECK ✓
 SIZE OF PILLARS—MAIN ✓ CROSS ✓ ROOM ✓
 SHAFT ✓ CHAIN ✓ BARRIER ✓
 AMOUNT OF TIMBERING *all along entry every 3'* SIZE *3' 6" props*
 PROPORTION OF COAL UTILIZED *All*
 AMOUNT AND CHARACTER OF WASTE *6" of a slightly bony coal, and some 2" to 3" when under cutting.*
 ACREAGE OF COAL MINED *all three shafts about 5 acres*
 ACREAGE OF COAL REMAINING *About 50 acres.*
 PROPORTION OF MINE RUN AND SCREENED COAL ✓
 METHOD OF SIZING ✓ RESCREENED ✓
 SIZES ✓
 PER CENT ✓

PROPORTION AND SIZE OF WASHED COAL ✓
 DAILY OUTPUT *1-2 tons.*
 UTILIZATION *Domestic coal*
 MARKETS *local*
 FREIGHT RATES ✓
 SELLING PRICES AT MINE *on an average 7 cents a bushel.*
 COAL LAND OWNED *70 acres* LEASED ✓ HELD IN FEE ✓
 COST OF LAND OWNED *\$30 acre* LEASED ✓ HELD IN FEE ✓ **1530**

ADDITIONAL NOTES