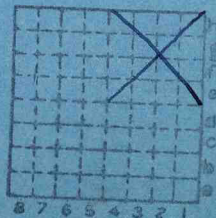




Form 180 Blue

W.M. Kund's M. (#2)?

3



Sec. 23

T. 15 N. 3

R. 13 W. 3

Index No.



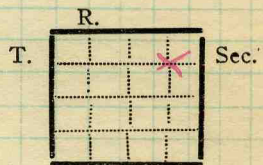


Town, *Bluffs*  
Local Authority,

Surface alt., ft.  
Depth to coal, ft.  
Alt. top coal, ft.  
Thickness: Av. in.  
Max. in., Min. in.

Level: Auth.,  
Method,

R. R.,



Location: authority,

(Show R. R.)

Operator

Mine Name or No.

19 *Kund, W. M.*

Successor to  
Date  
Succeeded by  
Date  
Succeeded by  
Date

**PRODUCTION.**

|    |                 |  |  |  |  |  | U. S. No. |
|----|-----------------|--|--|--|--|--|-----------|
| 19 | <i>2-3 tons</i> |  |  |  |  |  |           |

Geol. Notes?  
Analyses No.

Coop. No.

Coal secs?

Examined by

Ref.

Coal bed name: Local

Survey No.

County *Scott*

**LOCAL MINE**

Index No. *0223.77*

~~K. ACTIVE SHIPPING OR LOCAL COAL MINE.~~



COAL MINE NOTES.  
CONTINUED.

OPERATOR *W. M. Kund*

MINE # *2*

ENTRANCE *drift*

NAME OF COAL BED # *R LOCAL MINE*

ELEVATION *510±*

THICKNESS OF COAL

DEPTH TO FLOOR *—*

MAX. *32"*

MIN. *15"*

AV. *28"*

ALTITUDE OF COAL *510±*

LOCATION OF SECTION *About 150' south of entrance*

| No.            | SECTION.           | In.                 |
|----------------|--------------------|---------------------|
| 1              |                    |                     |
| 2              |                    |                     |
| 3              |                    |                     |
| 4              |                    |                     |
| 5              |                    |                     |
| 6              | <i>Black shale</i> | <i>48</i>           |
| 7              | <i>Coal</i>        | <i>14</i>           |
| 8              | <i>Sulphur</i>     | <i>1</i>            |
| 9              | <i>Coal</i>        | <i>4</i>            |
| 10             | <i>Sulphur</i>     | <i>1/4</i>          |
| 11             | <i>Coal</i>        | <i>12</i>           |
| 12             | <i>Fire clay</i>   | <i>30"</i>          |
| <i>Tape 31</i> |                    | <i>Total 31 1/4</i> |

SECTION

Feet

SAMPLE No. *U 407*

CAN No. *52*

CONDITION *dry*

GROSS WEIGHT *18 lbs*

TIME EXPOSED *1 hr*

NOT SHIPPED # *8 & 10*

NOT INCLUDED # *8 & 10*

PHYSICAL PROPERTIES BY NUMBERS *Coal #7 a hard, bright lustrous, black coal. #8, dull color, soft, dark black. #11 a soft, dark dull color, not bright. All of the coal had a distinct <sup>marked</sup> cubical cleavage when broken a conchoidal fracture. Bedded about, N 30° W.*

ROOF *Black fine shale 4'.*

FLOOR *a clay shale, gray soft, 30"*

DIP *about 1' to every 100 to the SE.*

FAULTS, ETC. *Slickensiding, a small fault with displacement of 4 inches. called "horseback"*

GAS *none*

*0223*

COLLECTOR *Jan A. Udden* REFERENCE

DATE *11/18/09*



at W. H. Skunk's mine NE 1/4 Sec 23 T 15 N R 13 W  
 The following section was observed below  
 coal no 2.

|               |            |
|---------------|------------|
|               | LOCAL MINE |
| Coal # 2      | 30"        |
| Fire clay     | 36"        |
| Brecciated ls | 40"        |

A sample of this limestone was collected and from all appearances resembled the brecciated ls occurring under coal # 2.

At a cleft along highway between sec 25 and 26 on north side of creek this same limestone, brecciated was observed unconformable on ls of St. Louis age. Between the St. Louis ls & Br. ls. to the east of the highway a fire clay 3'-4' was observed. West of this highway sandstone and fire clay was observed. The relation of the Br. ls to the St. Louis ls is very irregular, at places the two rest one on another and at other places they are separated by f.c. & ss.

In the SE 1/4 of sec 23 where Rump's and Jones banks are located this limestone shows up very distinctly 3-4' in thickness below this there is ± 10 feet of clay shale

coal mine at W. H. Skunk's about 4' below  
 C. B. & S. deposit.



COAL MINE NOTES.

COUNTY *Scott*  
T. *15N*

TOWN *Bluffs*  
R. *13W*

MAP No.

*NE 1/4 S. 23*

OPERATOR *W. M. Kuntz*

LOCAL MINE

OFFICE *R. F. L. # 2, Bluffs, Illinois.*

MINE # *2*

TIPPLE ✓

ENGINES ✓

BOILERS ✓

DRUM ✓

SHAFT ✓ *drift*

CAGE ✓

HAULAGE *Pushed by hand.*

CARS ✓

VENTILATION ✓

DRAINAGE *Siled*

SPRINKLING ✓

WORKING SYSTEM *Room & pillar*

MINING METHODS *Undercut by push & wedging.*

SIZE OF ENTRIES—MAIN *4'* CROSS ✓ ROOM ✓ NECK ✓

SIZE OF PILLARS—MAIN ✓ CROSS ✓ ROOM ✓

SHAFT CHAIN BARRIER

AMOUNT OF TIMBERING *Props to hold roof* SIZE *3'*

PROPORTION OF COAL UTILIZED *All coal forked*

AMOUNT AND CHARACTER OF WASTE *Fine coal*

ACREAGE OF COAL MINED *2 acres*

ACREAGE OF COAL REMAINING *25 acres*

PROPORTION OF MINE RUN AND SCREENED COAL ✓

METHOD OF SIZING ✓

RESCREENED

SIZES ✓

PER CENT ✓

PROPORTION AND SIZE OF WASHED COAL ✓

DAILY OUTPUT *2 to 3 tons*

UTILIZATION *Steam coal domestic*

MARKETS *Local*

FREIGHT RATES ✓

SELLING PRICES AT MINE *8¢ bushel*

COAL LAND OWNED *25 acre* LEASED ✓

HELD IN FEE

0223

COST OF LAND OWNED *\$40 acre* LEASED

HELD IN FEE

ADDITIONAL NOTES