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SERIES VIII, BULLETIN NO. 5

COALS OF THE QUICKSAND AREA,  
BREATHITT COUNTY, KENTUCKY

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## FOREWORD

NUMEROUS REQUESTS HAVE BEEN MADE TO THE DEPARTMENT OF MINES AND MINERALS FOR INFORMATION ON THE WORKABLE COALS OF THE NORTHEASTERN PART OF BREATHITT COUNTY.

PREVIOUS WORK IN THIS REGION WAS DONE SEVERAL YEARS AGO, AND EVIDENTLY SOME OF THE COALS WERE INCORRECTLY CORRELATED.

IN THIS REPORT AN ATTEMPT HAS BEEN MADE, WITH THE ASSISTANCE OF MR. D. J. JONES, STATE GEOLOGIST, STATE DEPARTMENT OF MINES AND MINERALS, TO CORRELATE THE WORKABLE COALS OF THIS AREA WITH COALS OF PERRY AND MAGOFFIN COUNTIES BY MEANS OF COMPARING STRATIGRAPHIC SECTIONS. THE COALS WERE STUDIED ONLY FROM EXISTING OPENINGS, AS NO FURTHER PROSPECTING WAS DONE.

COALS OF THE QUICKSAND AREA

BREATHITT COUNTY, KENTUCKY

GEOGRAPHIC LOCATION: QUICKSAND CREEK ENTERS THE NORTH FORK OF THE KENTUCKY RIVER FROM THE NORTH, ABOUT THREE MILES ABOVE JACKSON, BREATHITT COUNTY, KENTUCKY. THE AREA DRAINED BY THE QUICKSAND CREEKS MAKES UP THE NORTHEASTERN PART OF BREATHITT COUNTY AND THE NORTHWESTERN CORNER OF KNOTT COUNTY. THIS REPORT COVERS ONLY THAT PART OF QUICKSAND DRAINAGE IN BREATHITT COUNTY AND APPROXIMATELY THREE MILES UP LAUREL AND MIDDLE FORKS BEYOND THE KNOTT COUNTY LINE.

GEOLOGIC LOCATION: THE TROUGH OF THE EASTERN KENTUCKY GEOSYNCLINE PASSES DIRECTLY THROUGH THIS AREA, ENTERING FROM THE SOUTH AT THE MOUTH OF LEATHERWOOD BRANCH OF SOUTH QUICKSAND CREEK AND CONTINUING NORTH TO WHERE IT CROSSES QUICKSAND CREEK JUST ABOVE THE MOUTH OF HUNTING CREEK, AT WHICH POINT IT TURNS NORTHEASTWARD AND ROUGHLY PARALLELS THE NORTH SIDE OF CANEY CREEK. AS IS SHOWN ON THE STRUCTURAL MAP OF BREATHITT COUNTY (1919), EXCEPT FOR MINOR FOLDS, THE STRATA RISE BOTH EASTWARD AND WESTWARD FROM THE CENTRAL PART OF THIS REGION.

THE COALS DESCRIBED IN THIS REPORT ARE CORRELATED WITH THE COALS OF THE HAZARD FIELD. THIS CORRELATION IS BASED ON THE FLINT FIRE CLAY PARTING IN THE HAZARD #4 COAL (FIRE CLAY COAL), AND ALSO ON A LIMESTONE KEY BED WHICH IS PRESENT IN THE HAZARD FIELD AND IN MAGOFFIN COUNTY WHERE IT IS CLOSELY ASSOCIATED WITH THE FIRE CLAY COAL.

THE FIRE CLAY COAL WAS FOUND AT ONLY ONE PLACE ALONG QUICKSAND CREEK WITH ITS CHARACTERISTIC FLINT CLAY PARTING; HOWEVER, ITS HORIZON CAN BE TRACED ACCURATELY BY ITS RELATION TO THE LIMESTONE HORIZON WHICH IS PERSISTENT OVER THE ENTIRE REGION. THIS LIMESTONE HORIZON CONSISTS OF AN IMPURE BED OF LIMESTONE AND A CONCRETIONARY BED WITH FOSSILIFEROUS SHALES ABOVE AND BELOW EACH, AND IS THE SAME BED WHICH BROWNING (1919) CALLED THE FOSSIL LIMESTONE.

GENERAL SECTION OF MAGOFFIN LIMESTONE

- SHALE, BLUE OR GRAY, SOMETIMES FOSSILIFEROUS.....
- LIMESTONE, HARD, BLUE, CONCRETIONARY....., 0---18"
- SHALE, BLUE OR GRAY, SOMETIMES FOSSILIFEROUS., 12"--24"
- LIMESTONE, IMPURE, GRAY, FOSSILIFEROUS.....4"-- 8"  
(NUMEROUS CRINOID STEMS)
- SHALE, BLUE OR GRAY, SOMETIMES FOSSILIFEROUS.....

BOTH THE FIRE CLAY COAL AND THE MAGOFFIN LIMESTONE ARE EXPOSED IN MAGOFFIN COUNTY ON SYCAMORE BRANCH, A LEFT BRANCH OF OAKLEY CREEK, WHICH IS A RIGHT BRANCH OF LICKING RIVER AND HEADS UP OPPOSITE CANEY CREEK. THE COAL IS EXPOSED UNDER SANDSTONE ALONG THE LEFT BANK OF THE BRANCH JUST A FEW YARDS FROM THE ROAD AND ABOUT 10 FEET ABOVE STREAM LEVEL. THE LIMESTONE IS IN THE BED OF THE STREAM ABOUT 3/4 MILE UP THE BRANCH AND IS ABOUT 90 TO 100 FEET ABOVE THE COAL. THE COAL AT THIS LOCALITY IS SPLIT INTO TWO OR THREE SEAMS WITH SHALE INTERVENING AND THE FLINT FIRE CLAY PARTING IN THE TOP SEAM, BUT EASTWARD TOWARD LICKING RIVER IT RISES TO MORE THAN 100 FEET ABOVE DRAINAGE AND IS MINED NEAR THE HEAD OF SALYERS BRANCH ON THE LEFT OF THE RIVER.

SECTION OF FIRE CLAY COAL (#4)

- SANDSTONE.....
- SHALE.....5'
- COAL.....6"
- PARTING.....5"
- COAL.....5"
- FLINT CLAY.....5"
- COAL.....15"
- ELEV. 1050

THERE IS A ZONE OF LARGE LIMESTONE CONCRETIONS IN A SHALE SECTION THAT MAY SOMETIMES BE CONFUSED WITH THE MAGOFFIN BEDS IN THE QUICKSAND REGION. THIS ZONE IS SEVERAL FEET BELOW THE FIRE CLAY COAL HORIZON AND JUST ABOVE THE WHITESBURG COAL. THESE CONCRETIONS MAY BE SEEN IN THE ROAD CUT ALONG THE JACKSON-HAZARD HIGHWAY AND AT MANY PLACES ALONG THE JACKSON-SALYERSVILLE ROAD, BUT THEY ARE BEST SHOWN ON HAYES BRANCH ON THE LEFT ABOUT 1 1/2 MILES UP TROUBLESOME CREEK. HERE THE CONCRETIONS ARE EXPOSED IN

THE BED OF THE BRANCH 200 OR 300 YARDS FROM THE HIGHWAY AND ARE 120 FEET BELOW THE MAGOFFIN LIMESTONE HORIZON (EXCLUSIVE OF DIP OF THE STRATA).

THE COAL THAT IS BEING MINED ON MEATSCAFFOLD BRANCH IS 50 FEET ABOVE THE MAGOFFIN LIMESTONE HORIZON AND IS CORRELATED WITH THE HAZARD #5-A COAL, BUT WILL BE CALLED THE MEATSCAFFOLD COAL IN THIS REPORT. THE COAL ON LITTLE CANEY CREEK IS 70 FEET ABOVE THE MEATSCAFFOLD COAL AND 160 FEET ABOVE THE MAGOFFIN LIMESTONE AND WILL THEREFORE BE CORRELATED WITH THE HAZARD #6 COAL.

THE ELEVATIONS USED IN THIS REPORT WERE DETERMINED WITH AN ANEROID BAROMETER AND ARE CONSEQUENTLY SUBJECT TO SOME VARIATION.

OUTCROPS OF THE VARIOUS COAL SEAMS AND THE LIMESTONE HORIZONS, AND ALSO THEIR COMMON NAMES, ARE SHOWN ON THE ACCOMPANYING MAP. (NOTE LEGEND).

THE FOLLOWING IS A DESCRIPTION OF AND THE APPROXIMATE LOCATION OF THE OUTCROPS OF THE COALS AND LIMESTONES ALONG THE VARIOUS CREEKS OF THIS REGION:

#### MEATSCAFFOLD BRANCH

MEATSCAFFOLD BRANCH IS A LEFT BRANCH OF QUICKSAND CREEK ABOUT 10 MILES UP THE CREEK. ONE MILE UP THE BRANCH ON THE LEFT, THE MEATSCAFFOLD COAL COMPANY OPERATES A TRUCK MINE IN WHAT IS PROBABLY THE HAZARD #5-A COAL (MEATSCAFFOLD COAL). THE COAL IS 50 FEET ABOVE THE LIMESTONE AND 140 FEET ABOVE STREAM LEVEL.

#### SECTION OF MEATSCAFFOLD COAL (#5-A)

SHALE, GRAY.....	10'
SHALE, BLACK.....	18"
COAL, BONE.....	5"
COAL, BLOCK.....	37"
REPORTED THICKER AT FACE OF WORKING	
ELEV. 940	

A FEW HUNDRED YARDS UP THE BRANCH ON THE RIGHT THIS SEAM HAS BEEN WORKED, BUT IT WAS REPORTED TO HAVE BEGUN PINCHING OUT.

SECTION FOR MEATSCAFFOLD BRANCH

COVERED.....	
COAL BLOOM, FLAG #7.....	1120
(REPORTED BY J. H. MARSHALL)	
COVERED.....	
COAL, HAZARD #6.....	1060
(OPENING FALLEN IN)	
COVERED.....	
COAL.....	?.....960
COVERED.....	
SHALE.....	10'
COAL, MEATSCAFFOLD #5-A.....	42".....940
COVERED.....	
LIMESTONE IN SHALE.....	890
COVERED.....	
COAL, HAMLIN (?).....	24".....850
COVERED.....	
COAL, FIRE CLAY #4.....	6" & 12".....810
STREAM LEVEL BELOW MINE.....	800

LITTLE CANEY CREEK

LITTLE CANEY CREEK IS A LEFT FORK ABOUT 1/4 MILE ABOVE THE MOUTH OF CANEY CREEK. ON THE LEFT OF A RIGHT BRANCH (BUCK LICK BRANCH) OF WINN FORK, A RIGHT BRANCH OF LITTLE CANEY CREEK, THERE IS AN OPENING AT 950 IN THE MEATSCAFFOLD COAL (#5-A). ABOUT 100 YARDS UP BUCK LICK BRANCH THE MAGOFFIN LIMESTONE BEDS ARE WELL EXPOSED IN THE BED OF THE BRANCH AT 890.

MILLER AND DAVIS MINE THE HAZARD #6 COAL AT 1051 ON RUBE PATRICK FORK, THE LEFT FORK OF LITTLE CANEY CREEK.

SECTION OF HAZARD #6 COAL

SANDSTONE.....	
SHALE.....	18"
COAL, ROOF.....	8"
COAL, BLOCK.....	32"
SHALE FLOOR.....	
(REPORTED 46" BLOCK	
COAL AT FACE OF	
WORKING)	
ELEV. 1051	

THE MEATSCAFFOLD COAL (#5-A) AT 980 AND A 12" SEAM AT 1010, PROBABLY THE HAZARD #5, ARE EXPOSED IN THE CREEK JUST BELOW THE MINE.

SECTION FOR LITTLE CANEY CREEK

COVERED.....	
COAL (HIGH SPLIT OF HAZARD).....	1057
COVERED.....	
COAL, HAZARD #6.....	40".....1051
COVERED.....	
COAL, #5 (?).....	12".....1010
COVERED.....	
SHALE.....	
COAL, MEATSCAFFOLD (#5-A).....	30--36".....980
CLAY.....	
COVERED.....	
LIMESTONE, MAGOFFIN BEDS.....	890
COVERED.....	
SHALE, WITH LIMESTONE CONCRETIONS.....	810
MOUTH OF LITTLE CANEY.....	790 (APPROX.)

ELEVATIONS OF THE COALS AT 980, 1051, AND 1057 WERE RUN BY LEVEL BY MR. H. BAYES AND MR. C. H. DAVIS.

NEAR THE HEAD OF CLEAR FORK OF FROZEN CREEK THERE IS AN OPENING IN A COAL AT APPROXIMATELY 1050 WHICH IS PROBABLY THE SAME COAL THAT IS MINED ON LITTLE CANEY, THE HAZARD #6. THE COAL IS 55" THICK WITH NO PARTING, AND IT WAS REPORTED THAT THE BOTTOM 44" COMES OUT IN A SOLID BLOCK.

CANEY CREEK

CANEY CREEK IS A LEFT FORK OF QUICKSAND CREEK ABOUT 18 MILES FROM ITS MOUTH. ABOUT 1½--2 MILES UP CANEY CREEK ON THE RIGHT AT DANIEL ROWE'S HOUSE ON THE KENTUCKY UNION COMPANY LAND, THE MOWBRAY-ROBINSON LUMBER COMPANY MINED THE MEATSCAFFOLD COAL, (#5-A) WHICH IS 4' FEET THICK.

SECTION OF MEATSCAFFOLD COAL (#5-A)

SHALE.....	
COAL, THIN BEDDED.....	12"
COAL, BLOCK.....	9"
COAL, BONE.....	3"
COAL, BLOCK.....	24"
SHALE.....	

ELEV. 950

THIS SEAM IS ALSO EXPOSED ON DEEP FORD FORK ABOUT THREE MILES UP CANEY CREEK ON THE LEFT. ABOUT TWO MILES FARTHER UP CANEY CREEK THERE IS A 4-FOOT SEAM WHICH IS EITHER THE MEATSCAFFOLD COAL (#5-A) OR THE HAZARD #5 COAL.

SECTION OF COAL

SANDSTONE.....	
SHALE.....	18"
COAL.....	36"
SHALE.....	6"
COAL.....	12"
ELEV. 1010 (?)	

HIGH UP, NEARLY AT THE TOP OF THE HILL, AT THE HEAD OF CANEY CREEK, THE HINDMAN COAL (#9) HAS BEEN OPENED AT APPROXIMATELY 1350--1400 AND IS 56 INCHES THICK. THIS SEAM IS MINED BY THE BUCHANAN MINING COMPANY AT THE TIP TOP MINE JUST OVER THE RIDGE IN MAGOFFIN COUNTY AT THE HEAD OF OAKLEY CREEK.

SECTION OF HINDMAN COAL (#9)

SANDSTONE.....	
COAL.....	3"
PARTING.....	2"
COAL.....	9"
COAL, BONE.....	4"
COAL.....	38"
ELEV. 1350--1400	

SECTION FOR CANEY CREEK

TOP OF RIDGE.....	1450--1500
COVERED.....	
COAL, HINDMAN #9.....	4½' 1350--1400
COVERED.....	
COAL BLOOM, FRANCIS #8.....	1190
COVERED.....	
COAL BLOOM, FLAG #7.....	1120
COVERED.....	
COAL BLOOM, HAZARD #6.....	1060
COVERED.....	
COAL, #5 OR #5-A (?).....	4' 1010 (?)
COVERED.....	
COAL, MEATSCAFFOLD.....	4' 950
COVERED.....	
LIMESTONE, MAGOFFIN BEDS.....	890
MOUTH OF CANEY CREEK.....	790 (APPROX.)

QUICKSAND CREEK FROM CANEY CREEK TO HAWES FORK

A COAL, KNOWN LOCALLY AS THE "SLATE SEAM", WHICH COMES IN THE SECTION AT THE HORIZON OF THE HAZARD #6 COAL IS OPENED AT MANY PLACES ALONG QUICKSAND FOR LOCAL USE. OPENINGS IN THIS COAL WERE EXAMINED AT PARIS ELDRIDGE'S PLACE, ON RIGHT ABOUT ONE MILE ABOVE MOUTH OF CANEY CREEK, AND AT ADAM CARPENTER'S JUST ABOVE THE MOUTH OF HAWES FORK ON THE LEFT (ABOUT EIGHT MILES ABOVE MOUTH OF CANEY CREEK).

SECTION OF HAZARD #6 COAL AT ELDRIDGE'S

SANDSTONE ROOF.....  
 COAL.....18"  
 SHALE, WHITE.....12"  
 COAL.....6"  
 SHALE, BLACK.....12"  
 COAL.....18"  
 ELEV. 1030

SECTION OF HAZARD #6 COAL AT CARPENTER'S

SHALE.....  
 COAL.....18"--24"  
 PARTING.....3"--4"  
 COAL.....6"  
 PARTING.....6"  
 COAL.....15"  
 ELEV. 1070

ON FENLEY CARPENTER BRANCH, A LEFT BRANCH OF QUICKSAND CREEK ABOUT ONE MILE BELOW HAWES FORK, THERE IS A VERY GOOD EXPOSURE OF MAGOFFIN LIMESTONE AND THE MEATSCAFFOLD COAL (#5-A),

SECTION OF MEATSCAFFOLD COAL (#5-A)

SANDSTONE.....  
 SHALE.....3'  
 COAL.....21"  
 PARTING.....3"  
 COAL.....3"  
 PARTING.....10"  
 COAL.....12"  
 ELEV. 920  
 SHALE.....20'  
 LIMESTONE.....6"--8"  
 ELEV. 900

THE FIRE CLAY COAL (#4) IS EXPOSED IN A BADLY WASHED FIELD ON THE LEFT OF SPRING FORK JUST BELOW THE MOUTH OF HAWES FORK. THE COAL IS SPLIT INTO TWO SEAMS 10" TO 12" THICK WITH 2' OR 3' OF SHALE BETWEEN THEM AND THE FLINT FIRE CLAY IN THE TOP SEAM. THE PARTING HERE IS NOT AS TRULY CHARACTERISTIC OF THE FLINT CLAY AS THAT FOUND IN THIS COAL IN PERRY AND MAGOFFIN COUNTIES. THE COAL HERE IS AT AN ELEVATION OF 870, WHILE THE MEATSCAFFOLD COAL (#5-A) IS UNDER A SANDSTONE CLIFF ON THE HILL ABOVE AT 940.

SECTION FOR QUICKSAND CREEK ABOVE CANEY CREEK

COVERED.....		
COAL, HAZARD #6.....	3'--4'	1070..
COVERED.....		
SANDSTONE.....	30'--40'	
SHALE.....	3'	
COAL, MEATSCAFFOLD (#5-A).....	4'	920--940
SHALE.....		
LIMESTONE, MAGOFFIN.....		900
SHALE.....		
COVERED.....		
COAL, FIRE CLAY (#4).....		870
SHALE.....		

MIDDLE AND LAUREL FORKS OF QUICKSAND CREEK

QUICKSAND CREEK DIVIDES NEAR THE KNOTT COUNTY LINE, THE RIGHT BRANCH IS CALLED LAUREL FORK AND THE LEFT BRANCH IS CALLED MIDDLE FORK, ON THE POINT BETWEEN THESE TWO FORKS ON MR. BRADLEY'S LAND, NEAR DECOY, THERE IS AN OPENING IN THE "SLATE SEAM", THE HAZARD #6 COAL AT 1140.

SECTION OF HAZARD #6 COAL

SANDSTONE ROOF.....	
COAL.....	8"
SHALE.....	12"
COAL.....	6"
SHALE.....	3"
COAL.....	12"
SHALE.....	8"
COAL.....	18"
ELEV. 1140	

THERE ARE TWO SMALL COAL SEAMS UNDER A SANDSTONE CLIFF ON THE LEFT BANK OF LAUREL FORK ABOUT  $\frac{1}{2}$  MILE ABOVE THE BRIDGE ABOVE DECOY WHICH ARE AT THE HORIZON OF THE HAMLIN COAL.

SECTION OF CLIFF

SANDSTONE CLIFF.....  
 SHALE, BLACK.....3'.....  
 COAL, HAMLIN.....6"  
 SHALE.....12".....ELEV. 950  
 COAL.....12"  
 SHALE.....5'.....  
 SANDSTONE.....10'.....

THE MAGOFFIN LIMESTONE IS EXPOSED IN A RIGHT BRANCH OF LAUREL FORK AT A. Z. MILLER'S, ABOUT THREE MILES ABOVE DECOY AT 1010, AND ALSO IN A LEFT BRANCH  $\frac{1}{2}$  MILE FARTHER UP THE CREEK. TWO THIN SEAMS IN THE CREEK BED AT MILLER'S ARE AT THE FIRE CLAY COAL (#4) HORIZON AT 900.

TWO MILES UP MIDDLE FORK FROM DECOY ON THE LEFT OF A RIGHT DRAIN OF A RIGHT BRANCH MR. B. SMITH HAS OPENED THE HAZARD #6 COAL FOR HIS OWN USE.

SECTION OF HAZARD #6 COAL

SHALE.....  
 SHALE, BLACK.....12"  
 COAL.....6"  
 SHALE.....2"  
 COAL.....6"  
 SHALE.....3"-4"  
 COAL.....15"  
 SHALE.....8"-10"  
 COAL.....12"-15"  
 ELEV. 1180

SOUTH QUICKSAND CREEK

SOUTH QUICKSAND CREEK IS A RIGHT FORK OF QUICKSAND  $\frac{1}{2}$  MILE ABOVE ITS MOUTH. ONE MILE FROM THE MOUTH OF MAIN QUICKSAND ON THE RIGHT OF THE ROAD THERE IS AN 18 INCH COAL SEAM UNDER 3 FEET OF BLACK SHALE 15 FEET ABOVE THE CREEK. THIS SEAM IS A FEW FEET BELOW THE ZONE OF LIMESTONE CONCRETIONS AND IS THE WHITESBURG COAL.

ON THE LEFT SIDE OF SOUTH QUICKSAND ON THE LEFT OF THE HOLLOW JUST BELOW JESS THARP'S STORE, ABOUT SIX OR SEVEN MILES FROM THE MOUTH OF QUICKSAND CREEK, THE HAZARD #6 COAL IS OPENED AT 1110.

SECTION OF HAZARD #6 COAL

SANDSTONE CLIFF..30'--40'....  
 SANDSTONE ROOF.....  
 (THIN BEDDED)  
 COAL.....12"  
 SHALE.....4"  
 COAL.....12"  
 SHALE.....12"  
 COAL.....18"  
 ELEV. 1110

THIS SEAM IS ALSO OPENED ON THE LEFT OF THE CREEK AT HARLAN FUGATE'S, JUST BELOW THE MOUTH OF PRESS HOWARD CREEK.

NEAR THE HEAD OF PRESS HOWARD CREEK ON THE WILDERNESS LUMBER COMPANY LAND, MR. JOHN CLEMENTS REPORTED A SEAM OF COAL, WHICH WAS WORKED FOR LOCAL USE, TO BE 4 OR 5 FEET THICK WITH SOME PARTING. THIS IS PROBABLY THE HAZARD #6 COAL AT 1140. ON THE RIGHT OF THE HOLLOW TWO SEAMS ONLY A FEW FEET APART HAVE BEEN OPENED, BUT ALL THE OPENINGS HAVE FALLEN IN EXCEPT ONE WHERE PART OF SECTION OF COAL COULD BE OBTAINED.

SECTION OF FRANCIS (?) COAL (#8)

SHALE.....  
 SANDSTONE.....18"  
 SHALE.....18"  
 COAL.....24"  
 SHALE.....3"--4"  
 COAL.....24"±  
 ELEV. 1300

THE OTHER SEAM IS 10 TO 15 FEET LOWER AND IS PROBABLY THE LOWER SPLIT OF THE FRANCIS COAL (#8).

AT THE HEAD OF SOUTH QUICKSAND CREEK ON THE PHILADELPHIA OIL COMPANY LAND AN OPENING HAS BEEN MADE IN THE HINDMAN COAL (#9) AT APPROXIMATELY 1310--1350 AND ALSO IN A COAL 70--80 FEET HIGHER. THESE COALS WERE REPORTED TO BE VERY THICK, BUT THE OPENINGS HAVE FALLEN IN AND NO MEASUREMENTS

COULD BE MADE. HOWEVER, ON THE RIGHT OF FIVE MILE CREEK, A RIGHT BRANCH OF SOUTH QUICKSAND CREEK, ON MR. ALFRED MILLER'S LAND, THE UPPER PART OF THE HINDMAN COAL IS OPEN.

SECTION OF HINDMAN COAL (#9)

SHALE ROOF.....  
COAL.....54"  
SHALE.....8"  
COAL (FALLEN IN, BUT  
REPORTED BY MR. MILLER  
TO BE 6')

ELEV. 1340

MR. MILLER ALSO REPORTED THE "SLATE SEAM", THE HAZARD #6, TO BE IN THE BED OF THE CREEK AT THE MOUTH OF FIVE MILE CREEK.

SUMMARY: THERE ARE THREE WORKABLE COALS IN THIS REGION; THE MEATSCAFFOLD OR HAZARD #5-A, THE HAZARD #6, AND THE HINDMAN OR HAZARD #9.

THE MEATSCAFFOLD COAL IS LOW IN THE HILLS AND WILL THEREFORE HAVE A LARGE ACREAGE; HOWEVER, SINCE IT BEGAN PINCHING OUT IN ONE MINE AND RECENT PROSPECTING FAILED TO LOCATE IT OVER THE HILL FROM THE PRESENT MINE, THIS COAL IS PROBABLY NOT OF WORKABLE THICKNESS OVER THE ENTIRE AREA. NO ANALYSES WERE MADE OF THIS COAL, BUT MAJ. ROGER W. JONES OF THE ROBINSON AGRICULTURAL SUB-STATION AT QUICKSAND REPORTED IT TO BE AN EXCELLENT COAL.

THE HAZARD #6 COAL IS WORKED AT NUMEROUS PLACES FOR LOCAL USE, BUT IS FREE OF A LARGE AMOUNT OF PARTING ONLY ON LITTLE CANEY CREEK, WHERE IT IS MINED BY MILLER AND DAVIS AND ON THE HEAD OF CLEAR FORK OF FROZEN CREEK

THE HINDMAN COAL (#9) IS NEAR THE TOP OF THE HILL AT THE TIP TOP MINE IN MAGOFFIN COUNTY, BUT ON FIVE MILE CREEK OF SOUTH QUICKSAND CREEK IT IS LOWER IN THE HILLS AND UNDERLIES CONSIDERABLE ACREAGE.

MORE PROSPECTING WILL BE NECESSARY TO REVEAL THE COMPLETE SECTION OF THESE COALS AND THEIR AREAL EXTENT ALONG THE HEADWATERS OF SOUTH QUICKSAND CREEK.

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