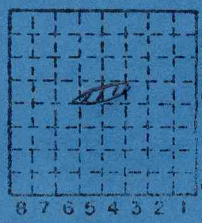


CONSTRUCTION
OXFORD MINING CO. MINE NO. 2

OXFORD MINING CO.
OXFORD NO. 2 (Strip)
MINE INDEX NO. 965
COAL REPORT NO. L-263



Sec. 29
T. 10
R. 4
Index No.

WILLIAMSON COUNTY

with John Popp and Roger Nance. 4/20/77

Mine is not presently active. No equipment on location. Approximately 20 acres have been stripped and partially reclaimed. Located along the north bank of creek near center of Sect. 29, 10S-4E in Williamson County, about 3 miles east of Creal Springs. Believe they mined the New Burnside Coal.

No rock or coal exposed. The restored land is bare dirt containing fragments of red-brown sandstone and dark gray shale, which presumably lay in the overburden of the coal.

Coal is exposed in several places along the creek east of the center of Section 29. Westernmost exposure includes:

Alluvium and Drift
0.55' Coal
0.10 Shale, poorly bedded
0.20' Coal
0.50' Claystone
1.40' Coal, base concealed.

About 150 feet upstream is a continuous exposure of coal, the top of which is eroded and overlain by alluvium. Below the coal the claystone is exposed. Coal appears to dip gently westward.

Alluvium
1.0' Coal
1.0' Claystone, dark gray, grading into:
2.5' Claystone, medium-light gray, base concealed.

Discontinuous exposures upstream to branch in creek at east end of mined area. Good exposures along both branches of creek:

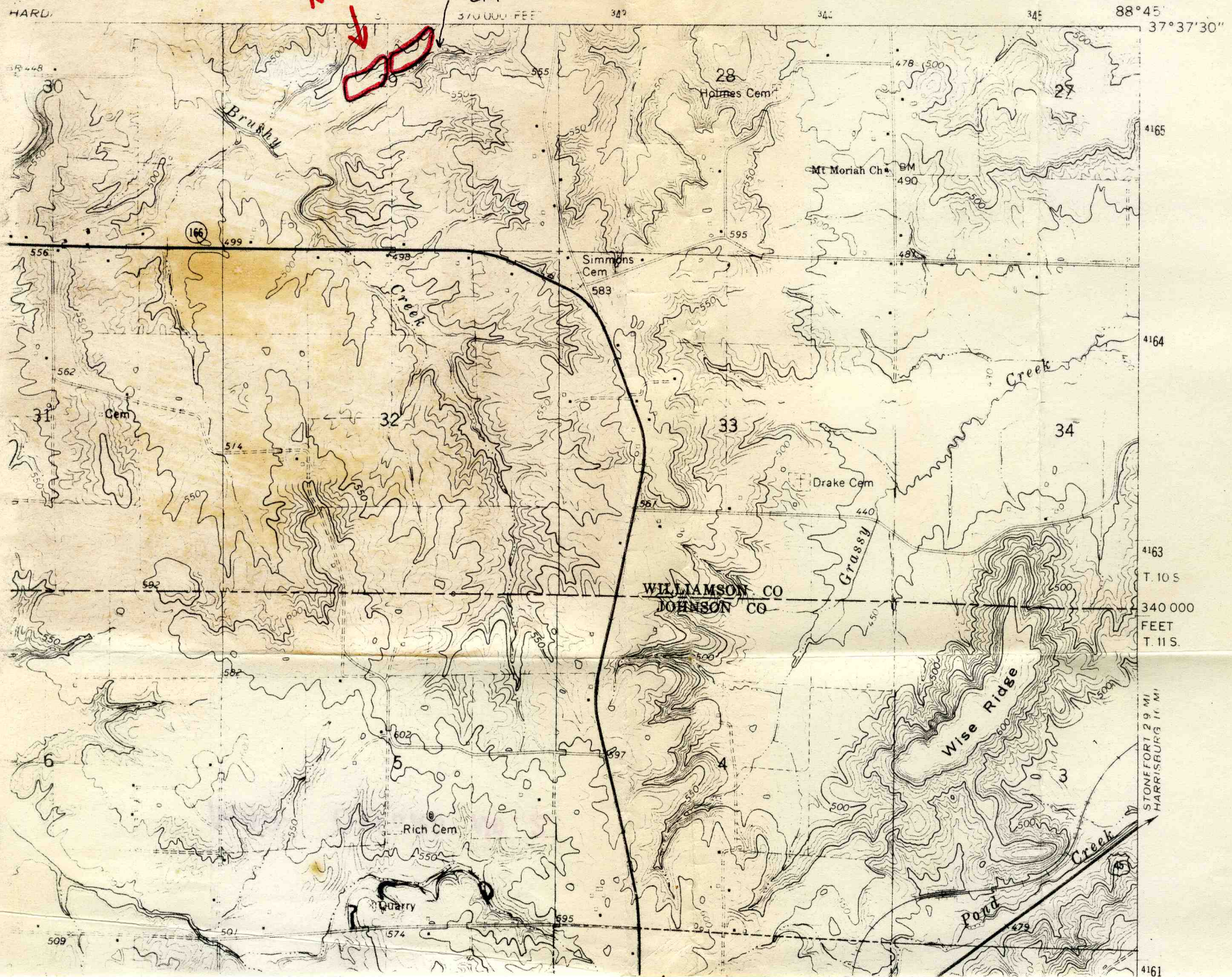
CREAL SPRINGS QUADRANGLE
ILLINOIS
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 MARION 15 QUADRANGLE

3259 11 NW
1/4 CARRIER MILL

272-d

OXFORD
NO. 2

Stream Junction
Clay Dike Locality

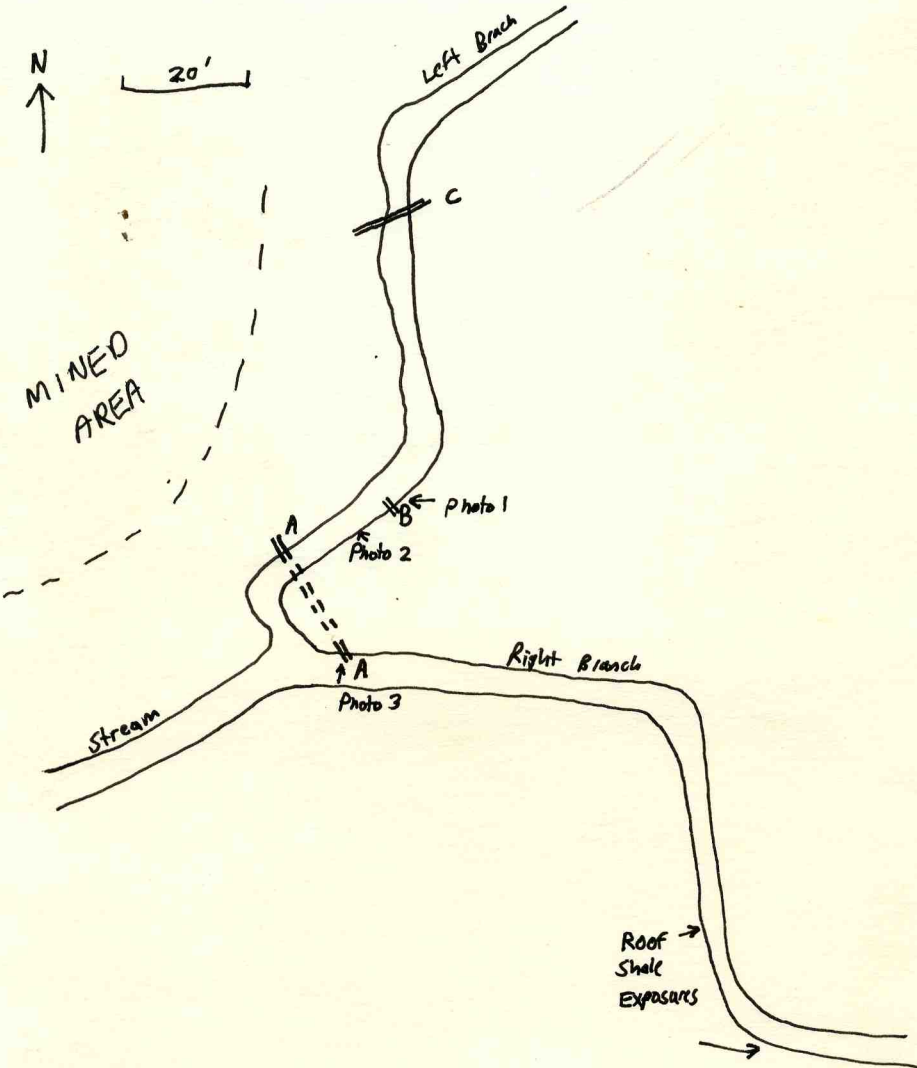


WILLIAMSON CO
JOHNSON CO

STONEFORT 29 MI
HARRISBURG 16 MI

4161

Sketch map of creek junction



(A) Apparent clay dike seen in two places. If continuous its trend is about 155. In both places dike is about 1 foot wide (coal is about 1 foot thick). The lighter-colored floor material is extruded upward into the dike and the coal bedding is strongly upturned along the dike margins. Top of coal truncated by erosion and overlain by alluvium. Floor of coal may be a shale split between two benches, the lower of which is below creek level.

(B) Coal seam split by clay band of varying thickness. Only the top of the lower bench is exposed in the creek bed. Clay parting about 1 foot thick and contains many discontinuous coal stringers. Upper bench of coal up to 1.5' thick, but top is eroded.

At one point a peculiar structure is seen in the coal (sketch, over.) I would interpret this as probably a clay dike as at (A), but the clay filling in the coal was eroded at an earlier stage of stream development, and alluvium deposited in its place. Clay dike material should be much more easily eroded than coal.

Note how the lower bench of the coal is folded upward beneath this structure.

(C) Clay dike; only the top exposed in stream. Trends 040 (right angle to stream); dike is 1.0' wide and sides are straight and parallel. Coal bedding lies flat.

Upstream along the right branch of the creek is exposed dark gray, silty, carbonaceous shale containing hard nodules. The bedding undulates strongly in places. This shale apparently overlies the New Burnside Coal (contact not exposed).

Mt Rorah Spore Sample 1 Taken by John Popp near Locati

"A".

RJJ
12-84 Spore Sample 2 Taken by Roger Nance along
main stream west of junction.



Presumed clay dike in upper bench of coal at
Location A.

mn-49-024.tif



Photo of structure at Location B. Compare with sketch. Hammer head rests on lower bench of coal seam.

mn-49 - 025.tif

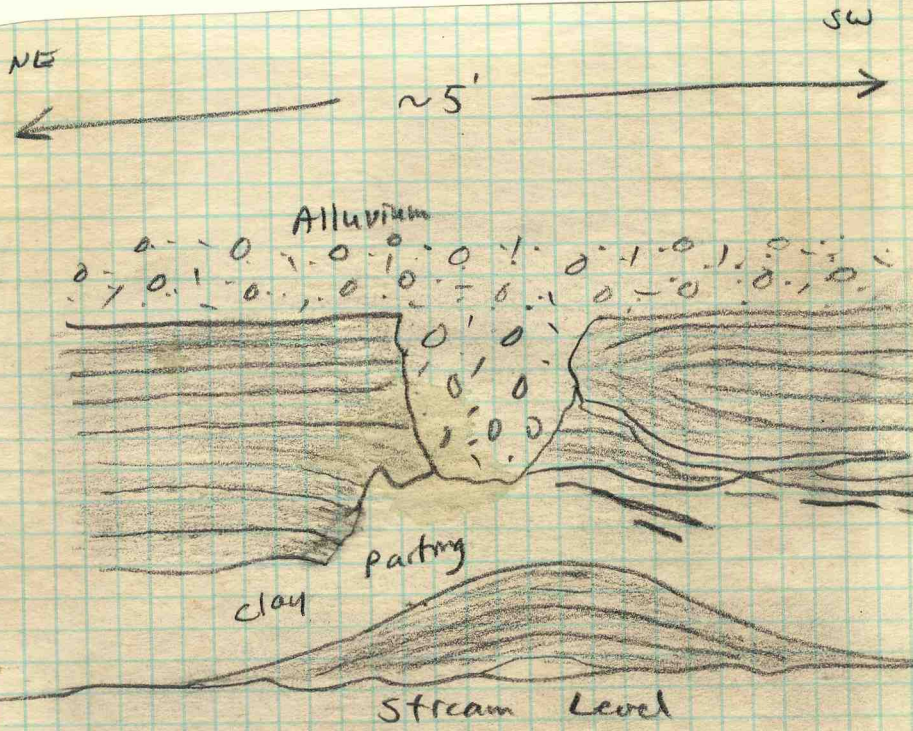


Splitting of coal seam, with discontinuous coal stringers, just west of Location B.

mn-49-026.t#

According to lady in trailer on property, Oxford intends to resume mining here. Several fresh augur holes in the field between the stream branches bear this out. Also there probably is minable coal south of the stream.

Structure at Location B.



April 20, 1977
Oxford Mining Company
No. 2 Strip Mine

--- J. Popp, J. Nelson, R. Nancee
Notes by Popp

The sketch on the next page was made from a creek bank where the New Burnside Coal Member crops out. The No. 2 strip pit worked away from the creek toward the east and was recently abandoned.

The New Burnside Coal can be traced along the creek for several hundred feet. It is split into two benches by a silty shale, and flood-plain alluvium from the creek rests unconformably directly on top of the coal.

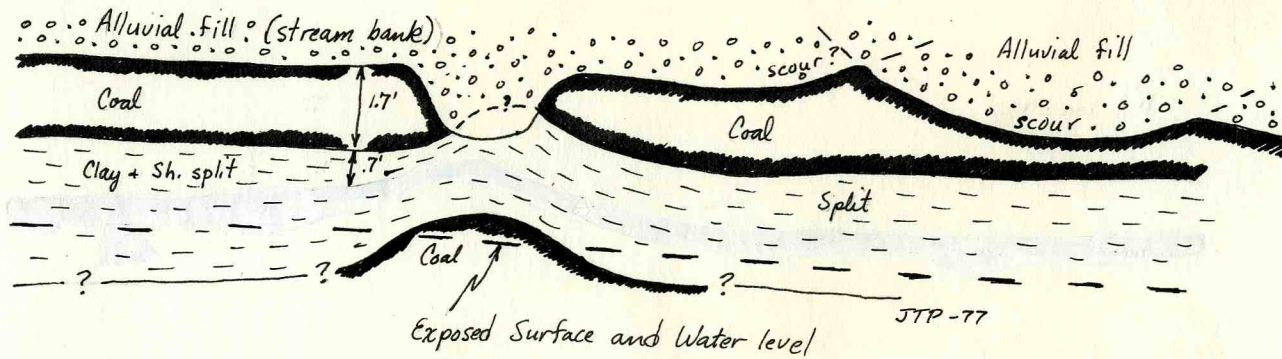
There are several features that make the coal outcrop interesting. A clay vein or clay dike is present and can be traced for a short distance, and a cutout is present (see the drawing) at a flexure in the coal. It was not possible to differentiate the alluvial fill from the weathered shale in the cutout. Apparently the stream eroded the coal down to the split due to weakening of the coal by the flexure. The cutout was then filled in with gravel.

Cleat directions are:

Face cleat: 223° - 224°

Butt cleat: 127° - 142°

*The coal identified in these notes
as New Burnside Coal has been
recorelated as the Mt Rorak
Dec 1984. Jacobson + Truck*



Stream Cut
 At Oxford Mining Company No. 2 Mine
 New Burnside Coal