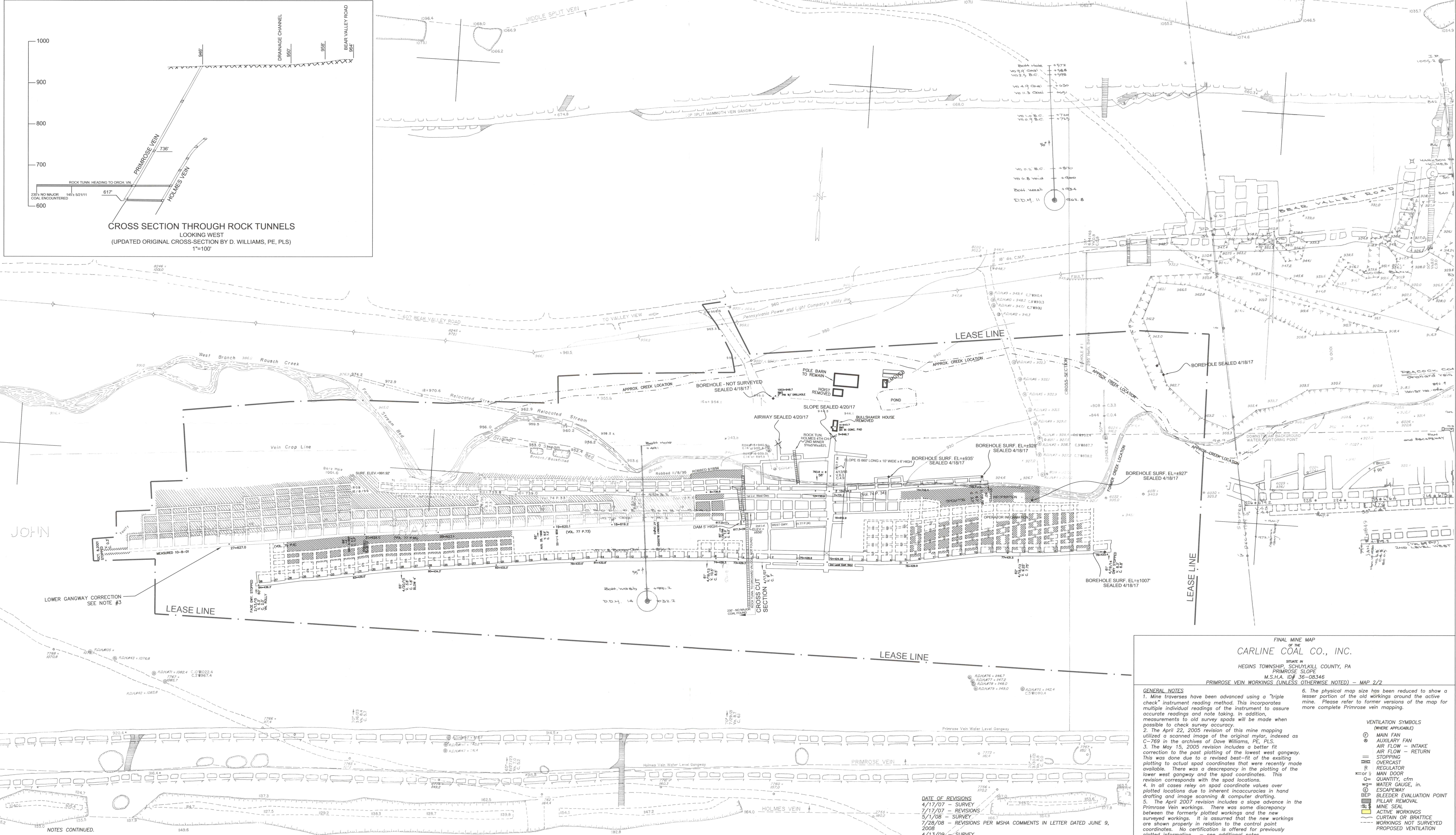
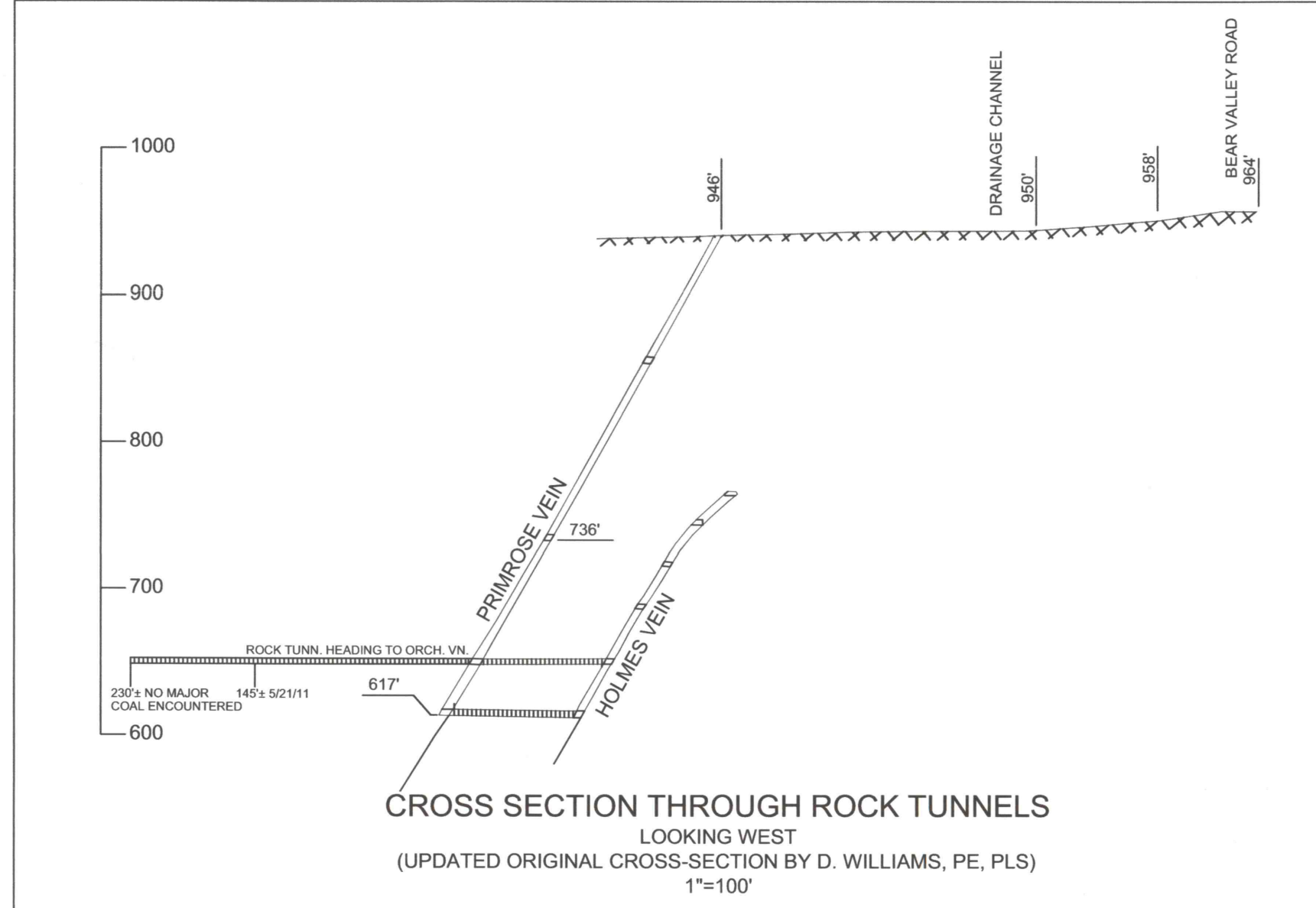




NOTES CONTINUED.

7. The Rauche Creek location updated from the culvert access to the mine site to where it ties into the original location and pond location were updated using PA MAP series aerial digital orthophoto roughly overlaid with the other mine mapping. Date of photography = some time 2008. A segment of the creek east of the hoist house has been relocated and is shown per survey in the April 19, 2014 and subsequent revisions of the map.

8. As of the date of the revisions to the 2010 revised map the ownership of this mine has changed to Carline Coal Company, Inc. with Richard L. Wenrich as Foreman of the mine.

9. During the 2011 survey a check of the angle from the slope to the rock tunnel was made. This required a recalculation of spod coordinates and corrections to the plotted information in the Holmes vein.

10. Previous versions of the mapping had the veins mis-designated.

11. Abandoned mine workings exist above and below the actively mined vein. Refer to mapping for each vein for the extent of workings and possible water levels. It must be assumed that all abandoned mines are inundated with water to some extent and therefore must be treated as such. The operator shall comply with 30 CFR 75.388, Boreholes in Advance of Mining and 30 CFR 75.389, Mining into Inaccessible Areas as required along with compliance with applicable State regulations and requirements.

12. Not all veins above and below, within 1000' and possibly adjacent to the active mine are shown on this map. Maps for such workings are included as part of a mine map validation study performed by Mining & Environmental Engineers. A copy of the mapping portion of this study has been provided to MSHA and should be considered part of this map.

13. Unless otherwise noted on the map, the air quality readings are $O_2=20.8\%$, $CH_4=0.0\%$

FINAL MINE MAP
OF THE
CARLINE COAL CO., INC.

SITUATE IN
HEGINS TOWNSHIP, SCHUYLKILL COUNTY, PA
PRIMROSE SLOPE
M.S.H.A. ID# 36-08346
PRIMROSE VEIN WORKINGS (UNLESS OTHERWISE NOTED) - MAP 2/2

GENERAL NOTES

1. Mine traverses have been advanced using a "triple check" instrument reading method. This incorporates multiple individual readings of the instrument to assure accurate readings and note taking. In addition, measurements to old survey spods will be made when possible to check survey accuracy.

2. The April 22, 2005 revision of this mine mapping utilized a scanned image of the original mylar, indexed as C-769 in the archives of Dove Williams, PE, PLS.

3. The May 15, 2005 revision includes a better fit correction to the past plotting of the lowest west gangway. This was done due to a revised best-fit of the existing plotting to actual spod coordinates that were recently made available. There was a discrepancy in the plotting of the lower west gangway and the spod coordinates. This revision corresponds with the spod locations.

4. In all cases rely on spod coordinate values over plotted locations due to inherent inaccuracies in hand drafting and image scanning & computer drafting.

5. The April 2007 revision includes a slope advance in the Primrose Vein workings. There was some discrepancy between the formerly plotted workings and the new surveyed workings. It is assumed that the new workings are shown properly in relation to the control point coordinates. No certification is offered for previously plotted information. - see additional notes

6. The physical map size has been reduced to show a lesser portion of the old workings around the active mine. Please refer to former versions of the map for more complete Primrose vein mapping.

VENTILATION SYMBOLS
(WHERE APPLICABLE)

- MAIN FAN
- AUXILIARY FAN
- AIR FLOW - INTAKE
- AIR FLOW - RETURN
- STOPPING
- OVERCAST
- REGULATOR
- MAN DOOR
- QUANTITY, cfm
- WATER GAUGE, in.
- ESCAPEWAY
- BLEEDER EVALUATION POINT
- PILLAR REMOVAL
- MINE SEAL
- ACTIVE WORKINGS
- CURTAIN OR BRATTICE
- WORKINGS NOT SURVEYED
- PROPOSED VENTILATION

MINE OPERATOR'S CERTIFICATION
This map is a complete and accurate representation of all underground mining and excavations by our company and this map is the FINAL MINE MAP of this operation

Richard L. Wenrich
RICHARD L. WENRICH
REGISTERED PROFESSIONAL ENGINEER
AUTHORIZED TO BE AFFIXED BY THE OPERATOR

SURVEYOR'S CERTIFICATION
This map is a complete and accurate representation of all underground mining and excavations and this map is the FINAL MINE MAP of this operation.

Jason Tarnowski
Jason Tarnowski, PLS
LAND SURVEYOR
No. S0083022
PENNSYLVANIA