

## MEMORANDUM

TO: Steve Frost, Coal Geologist, NMBMMR

FROM: H. B. Nickelson, Mining Geologist, Consultant, NMBMMR

SUBJECT: Reclamation evaluation for OSM, Gallup Field, Gallup East,  
Independent Mine - Carretto Mine

\* Independent Mine - Carretto Mine 5000' NL, 3200' EL, 14-15-18,  
Location 77

The Independent Mine was opened about 1912 by Dominic Carretto under the Independent Coal Company. The mine was opened by double entry with single cross entries room and pillar system on a bed of coal about 3' in thickness. The mine operated as a wagon mine when orders were received. In 1915 an air shaft was opened and ventilation was by furnace, and at that time the main opening was 1000' in length. In 1922 Mr. Carretto leased the mine to John Gregorio, and no more information concerning the operation was found after this date. Production was from 3000 to 6000 tons per year.

The examiners found two adits on an upper bed and a slope and an air shaft on a lower bed. Both upper adits are closed. One bears S. 22° E., and the other, 110' to the northeast, bears S. 32° E. The dump was piled along the hillside. The workings on the lower bed of coal were opened through a slope which bears S. 50° E. The coal was hoisted by means of a tail block anchored in the hill opposite the portal, and the hoist was over the slope. An air shaft about 6' square and about 4' deep was between the hoist and the portal of the slope. The shaft should be filled as it is beside the road and within 100 yards of an elementary school. All the adits are sealed.

Photos taken of the mine site are as follows:

G-18-12 View of a sealed edit on the upper coal bed. The adit bears S. 22° E.

G-19-1 View of the upper adit, which bears S. 32° E. The adit is sealed.

\* G-19-2 View of the small air shaft, which is open about 4' deep. This probably should be backfilled.

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G-19-3 Looking southerly, a view of the lower adit mine dump is in the foreground, and at the extreme right is a dump from the mine at Location 76. The dump in the background is from the upper Carretta mines.

The air shaft should probably be filled if reclamation is being done in the area.

H. B. Nickelson



G-18-12



G-19-1



G-19-2



G-19-3