

## MEMORANDUM

TO: Steve Frost, Coal Geologist, NMBMMR

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

SUBJECT: Reclamation evaluation for OSM, Gallup Field,

Gallup East Quad., Cardo Mine

Cardo Mine, SF 045237, 800' NL, 1200' EL, 24-15-18, Location 70

After Mr. Joseph Cardo made application for a Federal prospecting permit, he began work prior to the issuance of the permit, so a lease was issued instead on July 24, 1923. He sank a 25' shaft, drove entries, and mined coal in rooms off the entries. A second shaft about 325' southwest of the main shaft was raised to provide ventilation. On October 7, 1924, while Mr. Cardo was working alone, a fall of roof killed him.

Mr. Cardo's son-in-law worked the mine sporadically for some time until October, 1926, and the lease was cancelled in March, 1929. The mine produced 1000 tons.

Both shafts are well sealed and the dump leveled. A housing project has been built over the area, and the locations of the openings were hard to determine. One photo was taken.

G-18-6 This is a view of the ventilation shaft showing some dump material and a slight depression. The photo was taken looking N. 30° E., showing the recreation hall. The recreation hall and the tennis courts are over the mine workings. A map in my preliminary History of Coal Mining is available.

No reclamation is needed.

H. B. Nickelson



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