

R. 32 E

03°45'

R. 33 E.

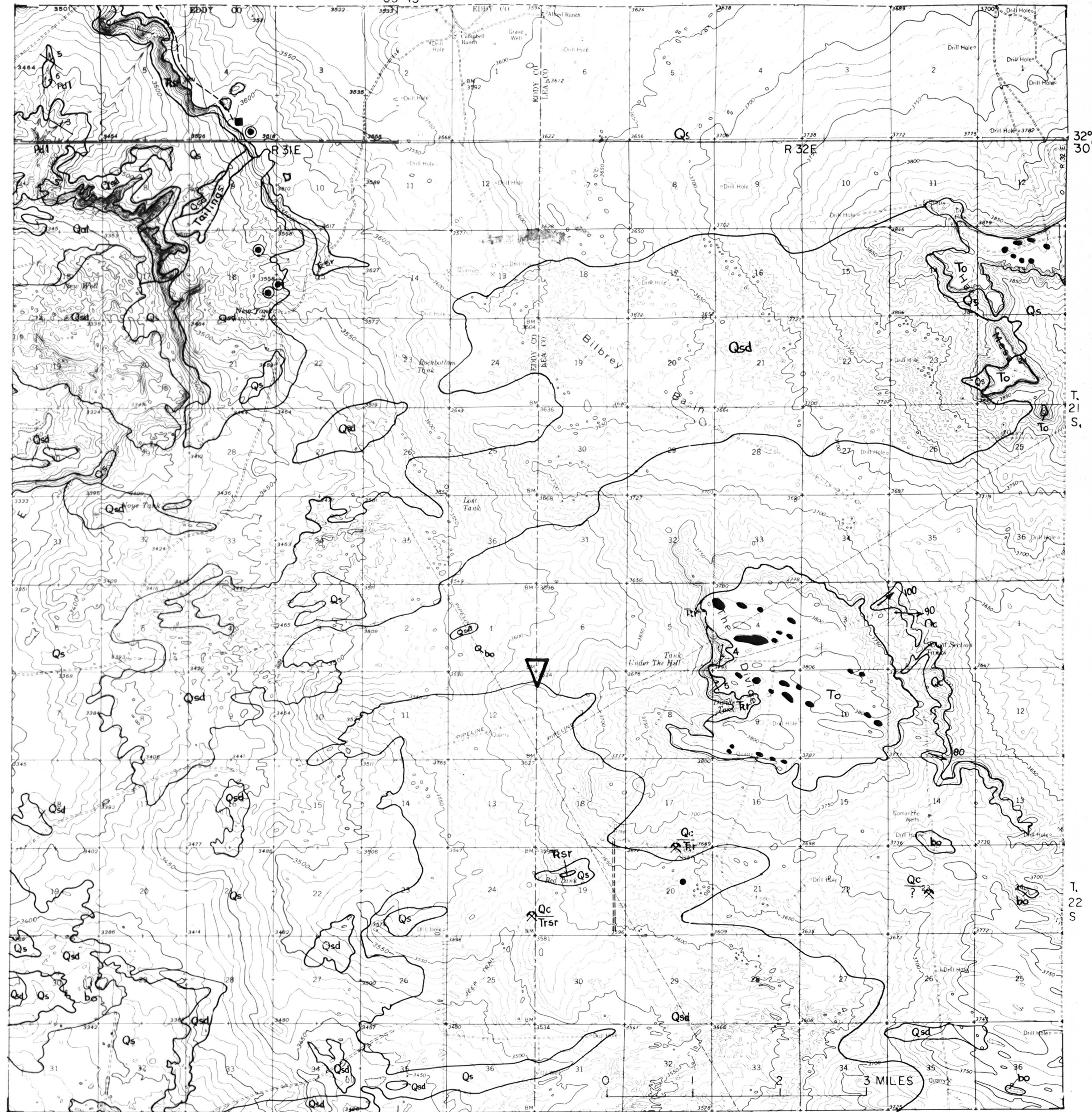
CORRELATION OF MAP UNITS

Qs	Qsd	Qal	Qc	Holocene	QUATERNARY	
To				Pliocene		TERTIARY
Rr	Rsr					TRIASSIC
Pd1						PERMIAN

DESCRIPTION OF MAP UNITS

- Qs Qsd SAND--Windblown sand deposits, Qsd, conspicuous dunes
- Qal ALLUVIUM--Sand and silt, locally conglomeratic, deposited on gentle slopes and in depressions
- Qc CALICHE--Limestone, ranging from dense to travertinelike with included sand grains and rock fragments, 2-15 feet thick
- To OGALLALA FORMATION--Dense laminated caliche and sandstone. The sandstone is well sorted to poorly sorted and conglomeratic. Cemented by silica in places.
- Rr Undifferentiated conglomeratic sandstone, reddish-brown, cross-bedded; contains lenses of claystone and siltstone
- Rsr SANTA ROSA SANDSTONE--Conglomeratic sandstone, moderate reddish-brown to light-brown, poorly sorted, cross-bedded; interbedded locally with moderate reddish-brown claystone and siltstone.
- Pd1 DEWEY LAKE REDBEDS--Fine sandstone and siltstone, moderate-reddish-orange to reddish-brown, conspicuous thin laminae generally less than 1/4 inch thick, locally clayey and with local light-greenish-gray partings.

- Contact
- Shaft
- Drill hole
- Sinkholes or depressions
- bo Blowout
- S ↑ Dip and strike of beds
- 90 Direction of dip of caliche, showing feet per mile where observed
- Rr Quarry, showing formation quarried (Qc) and underlying formation where known, quarry(?) where unknown
- ▽ Center of four corners area



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This map is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

GEOLOGY BY G. O BACHMAN  
BASE FROM USGS NASH DRAW AND HAT MESA QUADS.

FIGURE 17.--SURFICIAL GEOLOGIC MAP OF LOS MEDAÑOS AREA, NEW MEXICO.