



**MAP SHOWING LOCATION OF WELLS AND SPRINGS AND THE AVAILABILITY OF GROUND WATER IN THE EASTERN PART OF COLFAX COUNTY, NEW MEXICO**

**EXPLANATION**

- Well
- ◇ Test hole
- ⊕ Spring
- ⊖ Sink hole

Wells and springs in Maxwell Grant and springs in Colorado are numbered.

Area 1.—Pierre shale and Smoky Hill marl member of Niobrara formation.

Area 2.—High lava-capped mesas:  
a. Bartlett Mesa.  
b. Barillo Mesa.  
c. Johnson Mesa.  
d. Outlier of Johnson Mesa.

Area 3.—Sill-complex.

Area 4.—Dakota sandstone and:  
a. Quaternary alluvium.  
b. Greenhorn limestone and Fort Hays limestone member of Niobrara formation; alluvium.  
c. Dakota sandstone only.  
d. Greenhorn limestone, Carlile shale, Quaternary alluvium.  
e. {  
f. Quaternary alluvium.

Area 5.—a. {  
b. Dakota sandstone; alluvium.

Area 6.—Ogallala formation and Dakota sandstone.  
Area 7.—Alluvium; Dakota sandstone.