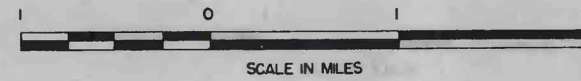


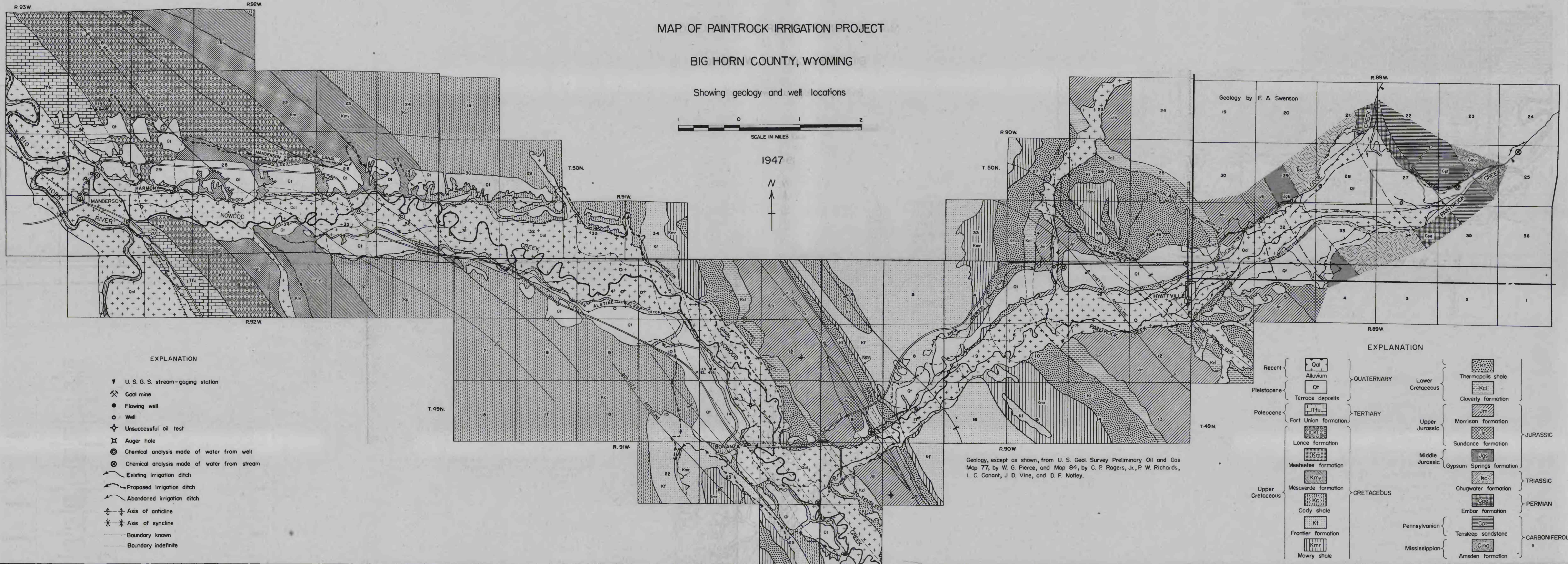
MAP OF PAINTROCK IRRIGATION PROJECT

BIG HORN COUNTY, WYOMING

Showing geology and well locations



1947



EXPLANATION

- ▼ U. S. G. S. stream-gaging station
- ⊠ Coal mine
- Flowing well
- Well
- ⊕ Unsuccessful oil test
- ⊗ Auger hole
- ⊙ Chemical analysis made of water from well
- ⊗ Chemical analysis made of water from stream
- Existing irrigation ditch
- - - Proposed irrigation ditch
- - - Abandoned irrigation ditch
- ⊕ Axis of anticline
- ⊗ Axis of syncline
- Boundary known
- - - Boundary indefinite

EXPLANATION

- | | | | | | |
|------------------|----------------------|------------|-----|---------------------|--------------------------|
| Recent | Qal | QUATERNARY | Kcl | Thermopolis shale | |
| | Alluvium | | | | |
| Pleistocene | Qt | | Kcl | Cloverly formation | |
| | Terrace deposits | | Jm | Morrison formation | |
| | | TERTIARY | | Js | Sundance formation |
| Poleocene | Tfu | | | Jgs | Gypsum Springs formation |
| | Fort Union formation | | Rc | Chugwater formation | |
| | Lance formation | | Cpe | Embar formation | |
| | Km | | Kf | Tensleep sandstone | |
| | Meeteetse formation | | Km | Amsden formation | |
| | Kmv | CRETACEOUS | | | |
| Upper Cretaceous | Mesaverde formation | | | | |
| | Kc | | | | |
| | Cody shale | | | | |
| | Kf | | | | |
| | Frontier formation | | | | |
| | Km | | | | |
| | Mowry shale | | | | |

Geology, except as shown, from U. S. Geol. Survey Preliminary Oil and Gas Map 77, by W. G. Pierce, and Map 84, by C. P. Rogers, Jr., P. W. Richards, L. C. Conant, J. D. Vine, and D. F. Notley.