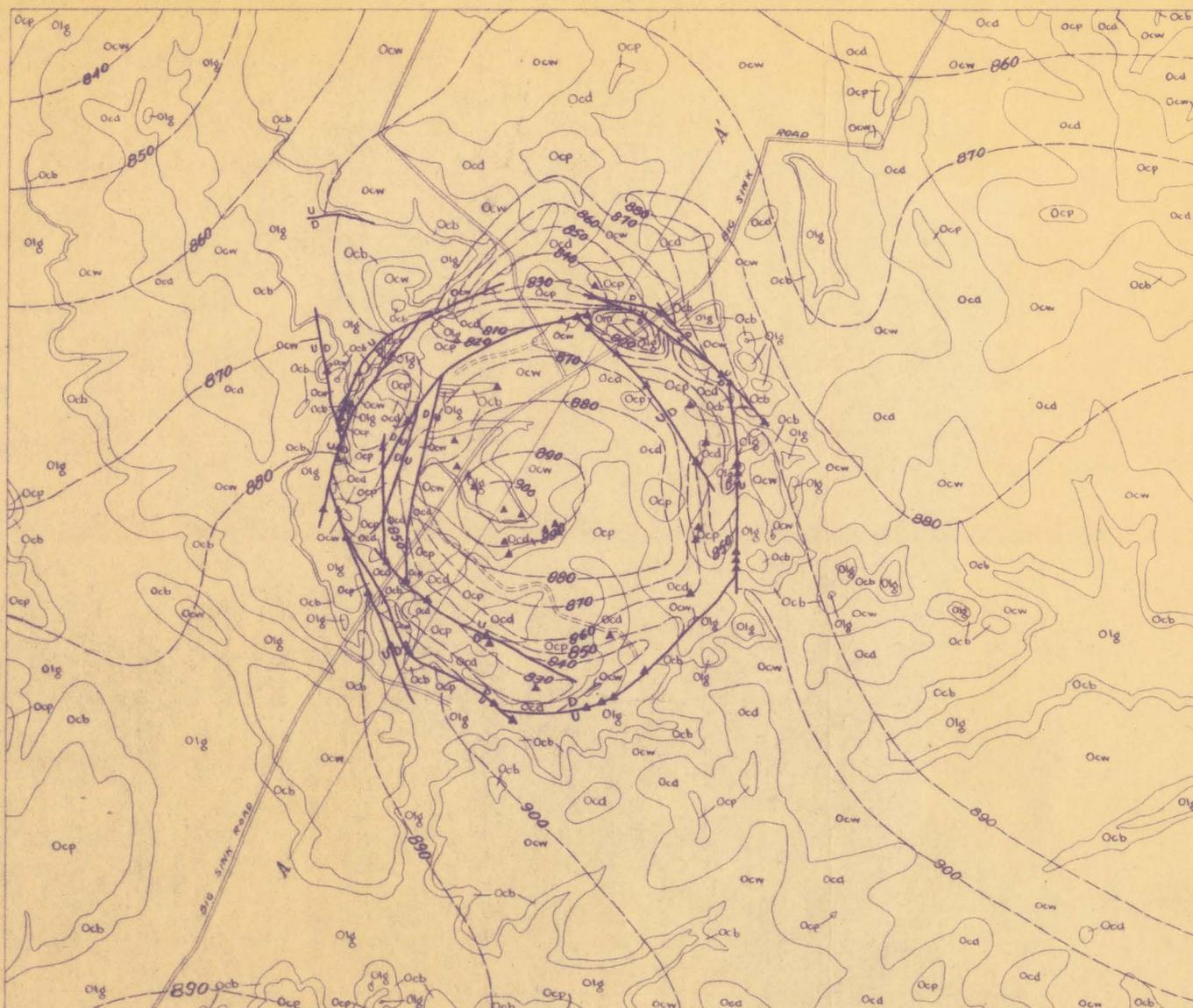


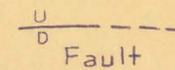
DEPARTMENT OF THE INTERIOR
 UNITED STATES GEOLOGICAL SURVEY
 THOMAS B. NOLAN, DIRECTOR

PREPARED IN COOPERATION WITH
 THE COMMONWEALTH OF KENTUCKY, UNIVERSITY OF KENTUCKY
 KENTUCKY GEOLOGICAL SURVEY
 WALLACE W. HAGAN, DIRECTOR AND STATE GEOLOGIST

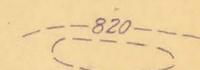


EXPLANATION

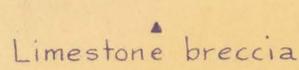
- | | | | |
|---------------------|---|---|------------|
| Upper Ordovician | Om | Million Shale ^{1/} | ORDOVICIAN |
| | Ocp | Granular phosphatic member | |
| Middle Ordovician | Ocd | Devils Hollow Member | |
| | Ocw | Woodburn Limestone Member | |
| | Ocb | Brannon Limestone Member | |
| Lexington Limestone | Olg
ar | Grier Limestone Member
ar, base of microgranular limestone | |



Fault
 Dashed where approximately located.
 U, upthrown side; D, downthrown side

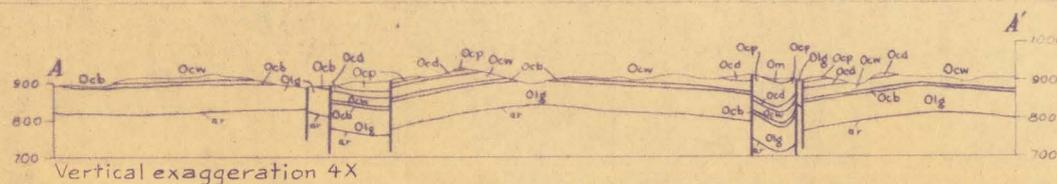


Structure contours
 Drawn on top of Lexington Limestone. Contour interval 10 feet



Limestone breccia

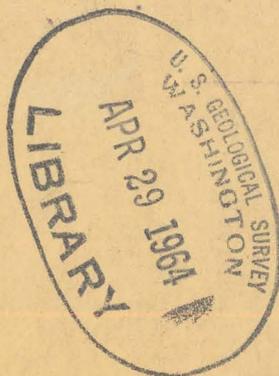
^{1/}Million Shale of Nickles (1905). Nickles, J.M., 1905, The Upper Ordovician rocks of Kentucky and their Bryozoa: Kentucky Geol. Survey, Bull. 5, 64p.



**GEOLOGIC AND STRUCTURE MAP OF A CRYPTOEXPLOSION
 STRUCTURE NEAR VERSAILLES, KENTUCKY**

By
 Douglas F. B. Black

*Kentucky (Versailles area). Geol. 1:24,000
 cop. 2.*



M(200)
 R290
 no. 63-9



U.S. Geological Survey
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