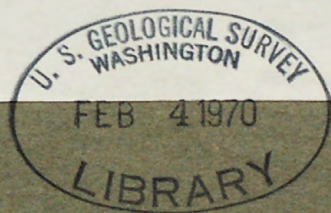


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Availability of palynological material from
Naval Petroleum Reserve No. 4,
I: Simpson Test Well No. 1, and Simpson Core
Tests Nos. 13 and 14

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by *clerk*
Richard A. Scott, *1921-*
Denver, Colorado

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1. Reconnaissance geologic map of the Yadkin Valley region, North Carolina, by G. H. Espenshade. 2 sheets. Scale 1:200,000. Room 11, Post Office Bldg., Knoxville, Tenn. 37902; Office of the State Geologist, Division of Mineral Resources, Dept. of Conservation and Development, Raleigh, N.C. 27602.
2. Principal facts for gravity stations in the Yuma, Arizona, and Blythe, California, areas, by Donald L. Peterson, Arthur Conradi, and Adel A. R. Zohdy. 34 data pages. 15426 Federal Bldg., Denver, Colo. 80202; 8102 Federal Office Bldg., Salt Lake City, Utah 84111; 504 Custom House, San Francisco, Calif. 94111; 7638 Federal Bldg., Los Angeles, Calif. 90012; Arizona Bureau of Mines, University of Arizona, Tucson, Ariz. 85721.
3. Availability of palynological material from Naval Petroleum Reserve No. 4, I: Simpson Test Well No. 1 and Simpson Core Tests Nos. 13 and 14, by Richard A. Scott. 2 p.
4. Bibliography of ion exchange selectivity, by A. H. Truesdell, Dorothy Carroll, and Marian Schnepfe. 90 p.
5. Seismic measurements of explosions in the Tatum Salt Dome, Mississippi, by R. D. Borchardt, J. H. Healy, W. H. Jackson, and D. R. Warren. 11 p., incl. 2 tables; 53 p. of text figures.
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Departamento Mineral Produção Nacional, Rio de Janeiro, Brazil.



Availability of palynological material from Naval Petroleum
Reserve No. 4, I: Simpson Test Well No. 1
and Simpson Core Tests Nos. 13 and 14

by Richard A. Scott

An extensive exploratory drilling program was carried out in Naval Petroleum Reserve No. 4 in Northern Alaska between 1944 and 1953. Cores representing some 25,000 feet of drill hole from this program have been preserved at Fairbanks, Alaska.

The U.S. Geological Survey with support from the Office of Naval Petroleum and Oil Shale Reserves has begun the processing of these cores for pollen, spores, and other palynomorphs. As processing is completed, sets of microscope slides of this material are made available for loan. Release of slides representing Topogoruk No. 1 Well, Gubik No. 1 Well, and Gubik No. 2 Well has been announced in previous Open-File Reports.

Palynological slides from Simpson Test Well No. 1 and Simpson Core Tests Nos. 13 and 14 are now available for loan. Simpson Test Well No. 1 is represented by slides from 155 fossiliferous samples, Simpson Core Test No. 13 by slides from 48 samples, and Simpson Core Test No. 14 by slides from 10 samples. Details regarding the location, lithology, and stratigraphy of Simpson Test Well No. 1 are given in U.S. Geol. Survey Prof. Paper 305-J (Robinson, 1959); corresponding information for the Simpson Core Tests is given in U.S. Geol. Survey Prof. Paper 305-L (Robinson, 1964).

These palynological slides may be borrowed for a period of six weeks on a first come first served basis by writing to Mrs. Mary Bushong, Paleontology and Stratigraphy Branch, U.S. Geological Survey, Denver Federal Center, Denver, Colorado 80225.

Literature cited

Robinson, F. M., 1959, Test wells, Simpson area, Alaska: U.S. Geol. Survey Prof. Paper 305-J, p. 523-568.

_____, 1964, Core tests, Simpson area, Alaska: U.S. Geol. Survey Prof. Paper 305-L, p. 645-730.

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