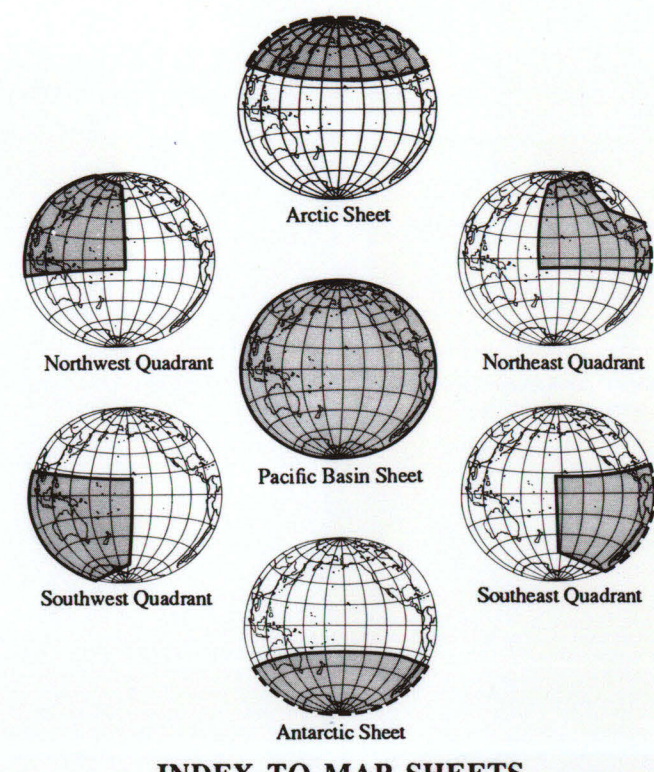


INDEX TO MAP SHEETS

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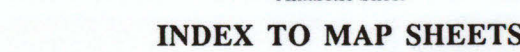
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Marcelo R. Yrigoyen, Trend Argentina, S.A., 1005 Buenos Aires, Argentina	Marcelo R. Yrigoyen, Trend Argentina, S.A., 1005 Buenos Aires, Argentina
GEOOTHERMAL RESOURCES	GEOLOGIC BACKGROUND
Thomas B. Swain, Inc., U.S. Geological Survey, Menlo Park, California 94023, U.S.A.	José Gerardo D., Servicio Nacional de Geología y Minería, Santiago, Chile
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MAP PRODUCTION BY U.S. GEOLOGICAL SURVEY
Compilation Coordinated by George Gryc and Warren O. Addicott
Cartography by Frank J. Sidlauskas, Jr.

SCALE 1:10 000 000

0 250 500 750 1000 1250 1500 KILOM.

Lambert Azimuthal Equal-Area Projection
(Map center point: 40°S, 100°W.)

1991

vey, 1977.

EXPLAN

GEOLOGIC BACKGROUND

-  Surficial deposits and sedimentary basins and deformed to undeformed basinal sedimentary fill
 Volcanic cover
 Deformed sedimentary and volcanic rocks
 Metamorphic and intrusive rocks of Proterozoic and Phanerozoic age
 Age and rock type unknown (Antarctica Peninsula)
 Basin outline

REPRESENTATIVE COLUMNAR SECTIONS FOR SELECTED

SEDIMENTARY BASINS				
	Age			Lithologic Unit
Q	Quaternary	pK	Pre-Cretaceous	Sandstone
T	Tertiary	J	Jurassic	Shale
N	Neogene	T	Triassic	Conglomerate
TP	Palaeogene	P	Paleozoic	Chert (g)
K	Cretaceous	pC	Pre-Cambrian	Gypsum

10012041

- Oil-producing horizon
- Oil- and gas-producing horizon
- Oil show

ISOPACHS
The thickness of unmetamorphosed sedimentary strata is indicated by isopachs. On shore basins the contours are in kilometers; in oceanic areas thicknesses are shown in meter, or in seconds of two-way travel time (contour interval 0.1, 0.5, and 1.0 seconds, unmetamorphosed basins). Color in figures is as follows: red, weakly lignitic; brown, 1.5-2.5% lignite; black, 2.5-5% lignite; black, 5-10% lignite; black, 10-20% lignite; black, 20-30% lignite; black, 30-40% lignite; black, 40-50% lignite; black, 50-60% lignite; black, 60-70% lignite; black, 70-80% lignite; black, 80-90% lignite; black, 90-100% lignite.

10. Conclude illustrating a life of great sentiment by

- Neogene
Paleogene

Cetaceans

- Triassic-Jurassic
- Upper Paleozoic
- Lower Paleozoic

Lowell Fulsberg

- SYMBOLS**
- _____ **Contact**

— Fault

- City 1,000,000 or more people
- City less than 1,000,000 people

FIGURE 10.10

- Active plate boundaries

 Spreading ridge

- | | |
|---|---------------------------------------|
| | Transform fault |
|  | Subduction zone. Barbs on upper plate |

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