

## Argentina Oil Study

Regional Petroleum Geochemistry of Crude Oils  
from all the Producing Regions of Argentina



GeoMark Research has conducted a regional study of the petroleum systems of Argentina. The purpose of the effort was to define, more clearly, the oil and gas potential of all the producing and prospective regions. This study was accomplished by analyzing more than 250 oil samples.

Data from the analyses of oils was used to define the number of distinct oil families, differences in their distribution and maturity, and mixing of oil families. This was facilitated by state-of-the-art analytical techniques and statistical clustering methods. The results are presented in an interpretive report that fully integrates both geochemical and geological conclusions.

Key conclusions from this report include :

- Oil family classification for six of the major basins in Argentina,
- Age and depositional character for sources related to identified oil families,
- Integration of oil and source interpretation with basin geology,
- Ranking of character and prospectivity of the identifies source rocks and present day maturity,
- Specific discussion of the current prospectivity of the Neuquen basin as a resource play and guidelines for reservoir geochemical evaluations as related to horizontal well production,
- Summary and evaluation of overall potential of conventional and unconventional opportunities in Argentina.

This assessment is ready for delivery as a PDF and ArcGIS product. Data used in this interpretation is available for a separate subscription fee. Please contact GeoMark research for more information.

### Oil Samples:

Noroeste Basin	22	Malvinas	12
Cuyo Basin	20	Nirihuau Basin	2
Neuquen Basin	109	Austral Basin	12
San Jorge Basin	70		

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