

ALASKA FEDERAL OFFSHORE
Descriptions of Geologic Plays
1995 National Resource Assessment
 U.S. Minerals Management Service

SHUMAGIN-KODIAK SHELF ASSESSMENT PROVINCE
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For the 1995 assessment, the potential resources of the Shumagin-Kodiak shelf province are consolidated into a single play—the Neogene structural play.

Play 1 (UASH0100¹). Neogene Structural Play : The play encompasses the entire shelf and slope, but the most prospective areas are the small Neogene depocenters where Miocene and younger strata are thickest. Traps include thrust-faulted and normal-faulted anticlines formed by Neogene tectonism. Potential source rocks are gas-prone Eocene strata, which should be sufficiently deep beneath the Neogene depocenters to be thermally mature. Potential reservoir rocks are the overlying relatively quartz-rich sandstones of Neogene age.

OIL AND GAS ENDOWMENTS OF SHUMAGIN-KODIAK SHELF PLAYS
Risked, Undiscovered, Conventionally Recoverable Oil and Gas

PLAY NO.	PLAY NAME (UAI * CODE)	OIL (BBO)			GAS (TCFG)		
		F95	MEAN	F05* *	F95	MEAN	F05**
1.	Neogene Structural Play (UASH0100)	0.000	0.070	0.250	0.000	2.650	9.089
	FASPAG AGGREGATION	0.000	0.070	0.285	0.000	2.650	11.351

* *Unique Assessment Identifier, code unique to play.*

** *Differences in F05 values at play and basin levels reflect different mathematic methods for construction of probability distributions.*

¹The “UA” Code is the "Unique Assessment Identifier" for each play, and is the principal guide to GRASP data files.

