

Figure 13A.--Aleutian Trench Play--Assessment data form.

Play: Aleutian Trench

	Attribute	Probability of favorable						Comments
Play Attrib.	Microbial hydrocarbon source (S1)	0.5	0.125	0.125	0.125	0.125	0.125	0.125
	Microbial source sediment thickness (S2)	0.25						
	Thermogenic hydrocarbon source (S4)	0.0						
	Timing (T)							
	Migration (M)	1.0						
	Potential reservoir facies (R)							
	Marginal play probability (GS*T*M*R=MP)							
Prospect Attrib.	Trapping mechanism (TM)		0.8	0.8	0.8	0.8	0.8	0.8
	Effective porosity (>3%) (P)							
	Hydrocarbon accumulation (C)							
	Conditional deposit probability (TM*P*C=CP)							
Gas Vol. Param.	Attribute	Probability of equal to or greater than						
		100	95	75	50	25	5	0
	Volume of hydrate stability zone ( $\times 10^2 \text{m}^3$ )	429.3	456.1	509.8	536.6	563.4	617.1	643.9
	Reservoir thickness in nonmarine systems (m)	-	-	-	-	-	-	-
	Effective porosity (%)	30	32.8	43.8	57.5	68.8	77.8	80
	Hydrate saturation (%)	2	3.2	8	14	20.5	25.7	27
	Hydrate gas yield ( $\text{m}^3$ )	139	140.3	145.3	151.5	157.8	162.8	164