

Figure 10A.--Southern Pacific Ocean Play--Assessment data form.

Play: Southern Pacific Ocean

	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)							1.0
	Migration (M)	1.0						
Prospect Attrib.	Potential reservoir facies (R)		1.0	1.0	1.0	1.0	1.0	1.0
	Marginal play probability (GS*T*M*R=MP)							
	Trapping mechanism (TM)							0.8
	Effective porosity (>3%) (P)							1.0
Gas Vol. Param.	Hydrocarbon accumulation (C)		0.8	0.8	0.8	0.8	0.8	0.8
	Conditional deposit probability (TM*P*C=CP)							
	Attribute	100	95	75	50	25	5	0
	Volume of hydrate stability zone ( $\times 10^2 \text{m}^3$ )	146.8	156.0	174.3	183.5	192.7	211.0	220.2
	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