

**Undiscovered Recoverable Resource Estimates of
Crude Oil, Natural Gas, and Natural Gas Liquids for
the Offshore United States, November 1979**

By Gordon Dolton

The estimates of undiscovered recoverable resources reported in the following table represent revised estimates in these specific offshore provinces. They result from a review of prior estimates of undiscovered recoverable resources of individual provinces within the offshore United States and reassessments in areas which have seen significant exploration activity, new geologic information, or detailed study since the publication of USGS Circular 725. All results should be recognized as preliminary to a more comprehensive reappraisal which is currently underway. All are unconditional estimates, that is, incorporating the risk of no recoverable resources being present.

**UNDISCOVERED RECOVERABLE RESOURCE ESTIMATES
ATLANTIC REGION
(Unconditional or Risked)**

Area (water depth in meters)	Oil (billion barrels)			Gas (trillion cubic feet)		
	Probability			Probability		
	.95*	.05**	Mean	.95*	.05**	Mean
North Atlantic 0-200m	0	2.5	0.89	0	13.2	4.44
Mid-Atlantic 0-200m	0	1.6	0.4	0	8.1	2.6
200-2,000m	0	0.8	0.2	0	3.2	1.5
South Atlantic 0-200m	0	1.2	0.3	0	2.5	0.7
>200m	0	1.3	0.3	0	1.3	0.3
Blake Plateau 200-2,500m	0	2.6	0.6	0	3.8	1.2

This report has not been edited or reviewed for conformity with U.S. Geological Survey standards or nomenclature.

UNDISCOVERED RECOVERABLE RESOURCE ESTIMATES
GULF OF MEXICO REGION
(Unconditional or Risked)
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Area (water depth in meters)	Oil (billion barrels)			Gas (trillion cubic feet)		
	Probability			Probability		
	.95*	.05**	Mean	.95*	.05**	Mean
Florida Straits 0-200m	Negligible			Negligible		
E. Gulf of Mexico 0-200m	0	2.1	0.5	0	2.1	0.5
200-2,500m	0	1.2	0.3	0	1.2	0.3
Gulf of Mexico 0-200m	0.6	4.3	1.9	11.1	49.1	25.8
200-2,500m	0.3	1.6	0.8	6.4	27.2	14.6

PACIFIC REGION

Area (water depth in meters)	Oil (billion barrels)			Gas (trillion cubic feet)		
	Probability			Probability		
	.95*	.05**	Mean	.95*	.05**	Mean
So. California Borderland 0-200m	0.2	2.3	0.9	0.2	2.3	0.9
200-2,500m	0.2	1.9	0.8	0.2	1.9	0.8
Santa Barbara Channel 0-200m	0.6	3.0	1.5	0.7	3.3	1.7
Central & Northern California 0-200m	0	0.8	0.4	0	0.8	0.4
0-2,500m	0.21	1.98	1.11	0.29	2.63	1.43
Washington-Oregon 0-200m	0	0.7	0.2	0	1.7	0.3

UNDISCOVERED RECOVERABLE RESOURCE ESTIMATES
ALASKA REGION
(Unconditional or Risked)
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Area (water depth in meters)	Oil (billion barrels)			Gas (trillion cubic feet)		
	Probability			Probability		
	.95*	.05**	Mean	.95*	.05**	Mean
Gulf of Alaska						
0-200m	0	0.7	0.1	0	1.9	0.4
200-2,500m	0	0.7	0.1	0	1.6	0.3
Kodiak Basin						
0-200m	0	1.1	0.23	0	3.5	0.69
Lower Cook Inlet						
0-200m	<0.1	1.5	0.5	0.4	3.3	1.5
>200m	0	1.5	0.3	0	1.4	0.4
So. Aleutian Shelf						
0-200m	0	0.2	0.04	0	0.5	0.08
No. Aleutian Shelf						
0-200m	0	1.0	0.2	0	3.2	0.8
St. George Basin						
0-200m	0	5.8	1.6	0	15.7	6.2
Navarin Basin						
0-200m	0	11.8	3.8	0	38.3	14.2
Norton Basin						
0-200m	0	1.3	0.3	0	3.8	1.2
Hope Basin						
0-200m	0	0.6	0.13	0	3.3	0.86
Chukchi Sea						
0-200m	0	14.5	6.4	0	38.8	19.3
Beaufort Sea						
0-200m	0	10.4	4.3	4.1	32.0	16.5

* 95.0% probability that there is at least this amount

** 5.0% probability that there is at least this amount