USGS WORLD PETROLEUM RESOURCES ASSESSMENT
INPUT FORM FOR CONVENTIONAL ASSESSMENT UNITS (Version 6.0, September 2, 2008)

IDENTIFICATION INFORMATION

Assessment Geologist:	M.A. Kirschbaum	Date:	10-Nov-09
Region:	Middle East and North Africa	Number:	2
Province:	Nile Delta Basin	Number:	2035
Total Petroleum System:	Mesozoic-Cenozoic Composite	Number:	203501
Assessment Unit:	Nile Margin Reservoirs	Number:	20350101
Scenario:		Number:	
Based on Data as of:	IHS Energy (2008)		
Notes from Assessor:	NRG Field Monotone reserve growth factor, 30 years		
	Median sizes of discovery thirds for fields >0.5 MMBOE		

CHARACTERISTICS OF ASSESSMENT UNIT

Area of assessment unit: 82,786 square kilometers

Minimum assessed accumulation size: 1 MMBOE (grown)

No. of discovered accumulations exceeding minimum size: Oil: 1 Gas: 0

Uncertainty Class:	Check One	Number
Producing fields		
Discoveries	X	
Wells		
Seismic		
No seismic		

Median size (grown) of discovered oil accumulations (MMBO):
1st 3rd _____ 2nd 3rd _____ 3rd 3rd _____

Median size (grown) of discovered gas accumulations (BCFG):
1st 3rd _____ 2nd 3rd _____ 3rd 3rd _____

ANALOGS USED IN ESTIMATING INPUT

	Purpose	Analog or Analog Set
1	Number and sizes	Carbonate shelf
2		
3		
4		

Assessment Unit (name, no.) Nile Margin Reservoirs, 20350101
Scenario (name, no.)

Scenario Probability: Probability of occurrence (0-1.0) _____

Assessment-Unit Probabilities: (Adequacy for at least one undiscovered field of minimum size)

Attribute	Probability of occurrence (0-1.0)
1. **CHARGE:** Adequate petroleum charge:	1.0
2. **ROCKS:** Adequate reservoirs, traps, and seals:	1.0
3. **TIMING OF GEOLOGIC EVENTS:** Favorable timing:	1.0
Assessment-Unit GEOLOGIC Probability (Product of 1, 2, and 3):	1.0

UNDISCOVERED ACCUMULATIONS

Number of Undiscovered Accumulations: How many undiscovered accumulations exist that are at least the minimum size?: (uncertainty of fixed but unknown values)

Total Accumulations:	minimum (>0)		median		maximum	
Oil/Gas Mix:	minimum		mode		maximum	
		number of oil accumulations / number of total accumulations				
		number of oil accumulations / number of gas accumulations				
		number of gas accumulations / number of oil accumulations				
Oil Accumulations:	minimum	1	median	90	maximum	360
Gas Accumulations:	minimum	1	median	30	maximum	120

Sizes of Undiscovered Accumulations: What are the sizes (**grown**) of the above accumulations?: (variations in the sizes of undiscovered accumulations)

Oil in Oil Accumulations (MMBO):	minimum	1	median	4	maximum	600
Gas in Gas Accumulations (BCFG):	minimum	6	median	24	maximum	3600

RATIOS FOR UNDISCOVERED ACCUMULATIONS, TO ASSESS COPRODUCTS

(variations in the properties of undiscovered accumulations)

Oil Accumulations:	minimum	median	maximum
Gas/oil ratio (CFG/BO):	200	1200	2600
NGL/gas ratio (BNGL/MMCFG):	10	20	30

Gas Accumulations:	minimum	median	maximum
Liquids/gas ratio (BLIQ/MMCFG):	5	30	70

Assessment Unit (name, no.) Nile Margin Reservoirs, 20350101
Scenario (name, no.)

SELECTED ANCILLARY DATA FOR UNDISCOVERED ACCUMULATIONS
(variations in the properties of undiscovered accumulations)

Oil Accumulations:	minimum		median		maximum
API gravity (degrees):	15		32		48
Viscosity (centipoise)					
Sulfur content of oil (%):	0		0.1		2.5
Depth (m) of water (if applicable):	0		20		100
	minimum	F75	median	F25	maximum
Drilling Depth (m):	1000		2000		3500

Gas Accumulations:	minimum		median		maximum
Inert gas content (%):	0.1		0.5		2
Carbon dioxide content (%):	0.01		0.1		0.5
Hydrogen sulfide content (%):	0		0.1		0.5
Depth (m) of water (if applicable):	0		20		100
	minimum	F75	median	F25	maximum
Drilling Depth (m):	1000		2000		3500

Assessment Unit (name, no.) Nile Margin Reservoirs, 20350101
Scenario (name, no.)

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO COUNTRIES

1 Offshore

44.92 area % of the AU

Oil in Oil Accumulations: 45.00 volume % of the AU
Gas in Gas Accumulations: 45.00 volume % of the AU

2 Onshore portion of: Egypt

55.08 area % of the AU

Oil in Oil Accumulations: 55.00 volume % of the AU
Gas in Gas Accumulations: 55.00 volume % of the AU

3 Onshore portion of: _____

_____ area % of the AU

Oil in Oil Accumulations: _____ volume % of the AU
Gas in Gas Accumulations: _____ volume % of the AU

4 Onshore portion of: _____

_____ area % of the AU

Oil in Oil Accumulations: _____ volume % of the AU
Gas in Gas Accumulations: _____ volume % of the AU

5 Onshore portion of: _____

_____ area % of the AU

Oil in Oil Accumulations: _____ volume % of the AU
Gas in Gas Accumulations: _____ volume % of the AU

6 Onshore portion of: _____

_____ area % of the AU

Oil in Oil Accumulations: _____ volume % of the AU
Gas in Gas Accumulations: _____ volume % of the AU

Assessment Unit (name, no.) Nile Margin Reservoirs, 20350101
Scenario (name, no.)

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO PROVINCES

1 ONSHORE portion of: Nile Delta Basin, 2035

55.08 area % of the AU

Oil in Oil Accumulations: 55.00 volume % of the AU
Gas in Gas Accumulations: 55.00 volume % of the AU

OFFSHORE portion of: Nile Delta Basin, 2035

44.92 area % of the AU

Oil in Oil Accumulations: 45.00 volume % of the AU
Gas in Gas Accumulations: 45.00 volume % of the AU

2 ONSHORE portion of:

area % of the AU

Oil in Oil Accumulations: volume % of the AU
Gas in Gas Accumulations: volume % of the AU

OFFSHORE portion of:

area % of the AU

Oil in Oil Accumulations: volume % of the AU
Gas in Gas Accumulations: volume % of the AU

3 ONSHORE portion of:

area % of the AU

Oil in Oil Accumulations: volume % of the AU
Gas in Gas Accumulations: volume % of the AU

OFFSHORE portion of:

area % of the AU

Oil in Oil Accumulations: volume % of the AU
Gas in Gas Accumulations: volume % of the AU

Assessment Unit (name, no.) Nile Margin Reservoirs, 20350101
Scenario (name, no.) _____

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO PROVINCES

4 ONSHORE portion of: _____

_____ area % of the AU

Oil in Oil Accumulations: _____ volume % of the AU
Gas in Gas Accumulations: _____ volume % of the AU

OFFSHORE portion of: _____

_____ area % of the AU

Oil in Oil Accumulations: _____ volume % of the AU
Gas in Gas Accumulations: _____ volume % of the AU

5 ONSHORE portion of: _____

_____ area % of the AU

Oil in Oil Accumulations: _____ volume % of the AU
Gas in Gas Accumulations: _____ volume % of the AU

OFFSHORE portion of: _____

_____ area % of the AU

Oil in Oil Accumulations: _____ volume % of the AU
Gas in Gas Accumulations: _____ volume % of the AU

6 ONSHORE portion of: _____

_____ area % of the AU

Oil in Oil Accumulations: _____ volume % of the AU
Gas in Gas Accumulations: _____ volume % of the AU

OFFSHORE portion of: _____

_____ area % of the AU

Oil in Oil Accumulations: _____ volume % of the AU
Gas in Gas Accumulations: _____ volume % of the AU