

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

IDENTIFICATION INFORMATION

Assessment Geologist:	<u>C.J. Wandrey</u>	Date:	<u>3/20/2009</u>
Region:	<u>South Asia</u>	Number:	<u>8</u>
Province:	<u>Katawaz</u>	Number:	<u>8024</u>
Total Petroleum System:	<u>Eocene-Miocene</u>	Number:	<u>802401</u>
Assessment Unit:	<u>Eocene-Miocene Deltaic</u>	Number:	<u>80240101</u>
Scenario:	<u></u>	Number:	<u></u>
Based on Data as of:	<u></u>		
Notes from Assessor:	<u>Not quantitatively assessed.</u>		

CHARACTERISTICS OF ASSESSMENT UNIT

Area of assessment unit: 19,921 square kilometers

Minimum assessed accumulation size: 5 MMBOE (grown)

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

Uncertainty Class:	Check One	Number
Producing fields	<u></u>	<u></u>
Discoveries	<u></u>	<u></u>
Wells	<u></u>	<u></u>
Seismic	<u></u>	<u></u>
No seismic	<u>X</u>	<u></u>

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

<u>Purpose</u>	<u>Analog or Analog Set</u>
1 <u></u>	<u></u> <u></u> <u></u>
2 <u></u>	<u></u> <u></u> <u></u>
3 <u></u>	<u></u> <u></u> <u></u>
4 <u></u>	<u></u> <u></u> <u></u>

Assessment Unit (name, no.)
Scenario (name, no.)

Eocene-Miocene Deltaic, 80240101

Probability of occurrence (0-1.0)

Scenario Probability:

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:	0.8
2. ROCKS: Adequate reservoirs, traps, and seals:	0.8
3. TIMING OF GEOLOGIC EVENTS: Favorable timing:	0.1
Assessment-Unit GEOLOGIC Probability (Product of 1, 2, and 3):	0.06

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 _____ median _____ maximum _____
Gas Accumulations: minimum _____ median _____ maximum _____

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 _____ median _____ maximum _____
Gas in Gas Accumulations (BCFG): minimum _____ median _____ maximum _____

RATIOS FOR UNDISCOVERED ACCUMULATIONS, TO ASSESS COPRODUCTS

(variations in the properties of undiscovered accumulations)

<u>Oil Accumulations:</u>	minimum	median	maximum
Gas/oil ratio (CFG/BO):	_____	_____	_____
NGL/gas ratio (BNGL/MMCFG):	_____	_____	_____
<u>Gas Accumulations:</u>	minimum	median	maximum
Liquids/gas ratio (BLIQ/MMCFG):	_____	_____	_____

Assessment Unit (name, no.)
Scenario (name, no.)

Eocene-Miocene Deltaic, 80240101

SELECTED ANCILLARY DATA FOR UNDISCOVERED ACCUMULATIONS

(variations in the properties of undiscovered accumulations)

Oil Accumulations:

	minimum		median		maximum
API gravity (degrees):	_____		_____		_____
Viscosity (centipoise)	_____		_____		_____
Sulfur content of oil (%):	_____		_____		_____
Depth (m) of water (if applicable):	_____		_____		_____

Drilling Depth (m):	minimum	F75	median	F25	maximum
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Gas Accumulations:

	minimum		median		maximum
Inert gas content (%):	_____		_____		_____
Carbon dioxide content (%):	_____		_____		_____
Hydrogen sulfide content (%):	_____		_____		_____
Depth (m) of water (if applicable):	_____		_____		_____

Drilling Depth (m):	minimum	F75	median	F25	maximum
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ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO COUNTRIES

1 Offshore

_____ area % of the AU

Oil in Oil Accumulations: _____ volume % of the AU

Gas in Gas Accumulations: _____ 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

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

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO PROVINCES

1 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

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

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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