

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

Akata Reservoirs, 71920102

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:	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	median	maximum
Gas Accumulations:	minimum	median	maximum
	1	100	300
	1	35	100

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
	5	15	15000
	30	90	90000

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):	250	1000	15000
NGL/gas ratio (BNGL/MMCFG):	5	25	85
<u>Gas Accumulations:</u>	minimum	median	maximum
Liquids/gas ratio (BLIQ/MMCFG):	14	170	550

SELECTED ANCILLARY DATA FOR UNDISCOVERED ACCUMULATIONS

(variations in the properties of undiscovered accumulations)

<u>Oil Accumulations:</u>	minimum	median	maximum
API gravity (degrees):	<u>20</u>	<u>45</u>	<u>55</u>
Viscosity (centipoise)	<u> </u>	<u> </u>	<u> </u>
Sulfur content of oil (%):	<u>0.07</u>	<u>0.15</u>	<u>0.6</u>
Depth (m) of water (if applicable):	<u>0</u>	<u>1000</u>	<u>4000</u>

	minimum	F75	median	F25	maximum
Drilling Depth (m):	<u>800</u>		<u>3000</u>		<u>6500</u>

<u>Gas Accumulations:</u>	minimum	median	maximum
Inert gas content (%):	<u>0</u>	<u>2</u>	<u>10</u>
Carbon dioxide content (%):	<u>0</u>	<u>1.5</u>	<u>10</u>
Hydrogen sulfide content (%):	<u>0</u>	<u>0.5</u>	<u>3.5</u>
Depth (m) of water (if applicable):	<u>0</u>	<u>1000</u>	<u>4000</u>

	minimum	F75	median	F25	maximum
Drilling Depth (m):	<u>800</u>		<u>3000</u>		<u>6500</u>

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ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO COUNTRIES

1 Offshore

81.51 area % of the AU

Oil in Oil Accumulations: 81.51 volume % of the AU

Gas in Gas Accumulations: 81.51 volume % of the AU

2 Onshore portion of:

Cameroon

0.59 area % of the AU

Oil in Oil Accumulations: 0.59 volume % of the AU

Gas in Gas Accumulations: 0.59 volume % of the AU

3 Onshore portion of:

Nigeria

17.90 area % of the AU

Oil in Oil Accumulations: 17.90 volume % of the AU

Gas in Gas Accumulations: 17.90 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

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ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO PROVINCES

1 ONSHORE portion of: Niger Delta, 7192

18.49 area % of the AU

Oil in Oil Accumulations: 18.49 volume % of the AU

Gas in Gas Accumulations: 18.49 volume % of the AU

OFFSHORE portion of: Niger Delta, 7192

81.51 area % of the AU

Oil in Oil Accumulations: 81.51 volume % of the AU

Gas in Gas Accumulations: 81.51 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