

**FORSPAN ASSESSMENT MODEL FOR CONTINUOUS  
ACCUMULATIONS--BASIC INPUT DATA FORM (NOGA, Version 9, 2-10-03)**

**IDENTIFICATION INFORMATION**

Assessment Geologist:	W.A. Rouse	Date:	30-Mar-11
Region:	North America	Number:	5
Province:	Southern Alaska	Number:	5003
Total Petroleum System:	Tertiary Coalbed Gas	Number:	500302
Assessment Unit:	Cook Inlet Coalbed Gas	Number:	50030281
Based on Data as of:			
Notes from Assessor:			

**CHARACTERISTICS OF ASSESSMENT UNIT**

**Assessment-unit type:** Oil (<20,000 cfg/bo) or Gas (≥20,000 cfg/bo), incl. disc. & pot. additions Gas

**What is the minimum total recovery per cell?** 0.02 (mmbo for oil A.U.; bcfg for gas A.U.)

Number of tested cells: 4

Number of tested cells with total recovery per cell ≥ minimum: 0

Established (discovered cells):          Hypothetical (no cells): X

Median total recovery per cell (for cells ≥ min.): (mmbo for oil A.U.; bcfg for gas A.U.)

1st 3rd discovered          2nd 3rd          3rd 3rd         

**Assessment-Unit Probabilities:**

Attribute	Probability of occurrence (0-1.0)
1. <b>CHARGE:</b> Adequate petroleum charge for an untested cell with total recovery ≥ minimum.	<u>1.0</u>
2. <b>ROCKS:</b> Adequate reservoirs, traps, seals for an untested cell with total recovery ≥ minimum.	<u>1.0</u>
3. <b>TIMING:</b> Favorable geologic timing for an untested cell with total recovery ≥ minimum.	<u>1.0</u>

**Assessment-Unit GEOLOGIC Probability** (Product of 1, 2, and 3): 1.0

**NO. OF UNTESTED CELLS WITH POTENTIAL FOR ADDITIONS TO RESERVES**

1. Total assessment-unit area (acres): (uncertainty of a fixed value)

calculated mean <u>8,500,000</u>	minimum <u>8,000,000</u>	mode <u>8,500,000</u>	maximum <u>9,000,000</u>
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2. Area per cell of untested cells having potential for additions to reserves (acres): (values are inherently variable)

calculated mean <u>87</u>	minimum <u>40</u>	mode <u>80</u>	maximum <u>140</u>
uncertainty of mean:    minimum <u>40</u> maximum <u>120</u>			
  
3. Percentage of total assessment-unit area that is untested (%): (uncertainty of a fixed value)

calculated mean <u>100</u>	minimum <u>100</u>	mode <u>100</u>	maximum <u>100</u>
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**NO. OF UNTESTED CELLS WITH POTENTIAL FOR ADDITIONS TO RESERVES  
(Continued)**

4. Percentage of untested assessment-unit area that has potential for additions to reserves (%):  
( a necessary criterion is that total recovery per cell  $\geq$  minimum; uncertainty of a fixed value)

calculated mean 23 minimum 0.5 mode 6 maximum 63

Geologic evidence for estimates:

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**TOTAL RECOVERY PER CELL**

Total recovery per cell for untested cells having potential for additions to reserves:  
(values are inherently variable; mmbo for oil A.U.; bcfg for gas A.U.)

calculated mean 0.206 minimum 0.02 median 0.16 maximum 1.5

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**AVERAGE COPRODUCT RATIOS FOR UNTESTED CELLS, TO ASSESS COPRODUCTS**

(uncertainty of fixed but unknown values)

<u>Oil assessment unit:</u>	minimum	mode	maximum
Gas/oil ratio (cfg/bo)	<u>                    </u>	<u>                    </u>	<u>                    </u>
NGL/gas ratio (bngl/mmcf)	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>Gas assessment unit:</u>			
Liquids/gas ratio (bliq/mmcf)	<u>0</u>	<u>0</u>	<u>0</u>

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**SELECTED ANCILLARY DATA FOR UNTESTED CELLS**

(values are inherently variable)

<u>Oil assessment unit:</u>	minimum	mode	maximum
API gravity of oil (degrees)	_____	_____	_____
Sulfur content of oil (%)	_____	_____	_____
Depth (m) of water (if applicable)	_____	_____	_____

Drilling depth (m)

minimum	F75	mode	F25	maximum
_____	_____	_____	_____	_____

Gas assessment unit:

	minimum	mode	maximum
Inert-gas content (%)	<u>0.00</u>	<u>2.00</u>	<u>10.00</u>
CO <sub>2</sub> content (%)	<u>0.00</u>	<u>0.00</u>	<u>2.00</u>
Hydrogen sulfide content (%)	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Heating value (BTU)	<u>800</u>	<u>900</u>	<u>1000</u>
Depth (m) of water (if applicable)	<u>0</u>	<u>10</u>	<u>50</u>

Drilling depth (m)

minimum	F75	mode	F25	maximum
<u>300</u>	<u>600</u>	<u>1000</u>	<u>1500</u>	<u>2000</u>

Success ratios:

	calculated mean	minimum	mode	maximum
Future success ratio (%)	<u>43</u>	<u>10</u>	<u>50</u>	<u>70</u>

Historic success ratio, tested cells (%) \_\_\_\_\_

Completion practices:

- |  |                     |
|--|---------------------|
| 1. Typical well-completion practices (conventional, open hole, open cavity, other) | <u>conventional</u> |
| 2. Fraction of wells drilled that are typically stimulated                         | <u>0</u>            |
| 3. Predominant type of stimulation (none, frac, acid, other)                       | _____               |
| 4. Fraction of wells drilled that are horizontal                                   | <u>0.2</u>          |
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**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO STATES**  
**Surface Allocations** (uncertainty of a fixed value)

1.	<u>Alaska</u>	represents	<u>100.00</u>	area % of the AU
	<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
	Volume % in entity	_____	_____	_____
	<u>Gas in gas assessment unit:</u>			
	Volume % in entity	_____	<u>100.00</u>	_____
2.	_____	represents	_____	area % of the AU
	<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
	Volume % in entity	_____	_____	_____
	<u>Gas in gas assessment unit:</u>			
	Volume % in entity	_____	_____	_____
3.	_____	represents	_____	area % of the AU
	<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
	Volume % in entity	_____	_____	_____
	<u>Gas in gas assessment unit:</u>			
	Volume % in entity	_____	_____	_____
4.	_____	represents	_____	area % of the AU
	<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
	Volume % in entity	_____	_____	_____
	<u>Gas in gas assessment unit:</u>			
	Volume % in entity	_____	_____	_____
5.	_____	represents	_____	area % of the AU
	<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
	Volume % in entity	_____	_____	_____
	<u>Gas in gas assessment unit:</u>			
	Volume % in entity	_____	_____	_____
6.	_____	represents	_____	area % of the AU
	<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
	Volume % in entity	_____	_____	_____
	<u>Gas in gas assessment unit:</u>			
	Volume % in entity	_____	_____	_____

7. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit:                      minimum                      mode                      maximum  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

Gas in gas assessment unit:  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

8. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit:                      minimum                      mode                      maximum  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

Gas in gas assessment unit:  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

9. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit:                      minimum                      mode                      maximum  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

Gas in gas assessment unit:  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

10. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit:                      minimum                      mode                      maximum  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

Gas in gas assessment unit:  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

11. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit:                      minimum                      mode                      maximum  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

Gas in gas assessment unit:  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

12. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit:                      minimum                      mode                      maximum  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

Gas in gas assessment unit:  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

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**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO GENERAL LAND OWNERSHIPS**  
**Surface Allocations** (uncertainty of a fixed value)

1. <u>Federal Lands</u>	represents	<u>13.86</u>	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	<u>13.86</u>	_____
2. <u>Private Lands</u>	represents	<u>8.42</u>	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	<u>8.42</u>	_____
3. <u>Tribal Lands</u>	represents	<u>7.92</u>	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	<u>7.92</u>	_____
4. <u>Other Lands</u>	represents	<u>0.11</u>	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	<u>0.11</u>	_____
5. <u>AK State Lands</u>	represents	<u>55.69</u>	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	<u>55.69</u>	_____
6. <u>AK Offshore</u>	represents	<u>13.99</u>	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	<u>13.99</u>	_____

7. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit:                      minimum                      mode                      maximum  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

Gas in gas assessment unit:  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

8. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit:                      minimum                      mode                      maximum  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

Gas in gas assessment unit:  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

9. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit:                      minimum                      mode                      maximum  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

Gas in gas assessment unit:  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

10. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit:                      minimum                      mode                      maximum  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

Gas in gas assessment unit:  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

11. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit:                      minimum                      mode                      maximum  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

Gas in gas assessment unit:  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

12. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit:                      minimum                      mode                      maximum  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

Gas in gas assessment unit:  
Volume % in entity                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

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**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO FEDERAL LAND SUBDIVISIONS**  
**Surface Allocations** (uncertainty of a fixed value)

1. <u>Bureau of Land Management (BLM)</u>	represents	<u>0.24</u>	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	<u>0.24</u>	_____
2. <u>BLM Wilderness Areas (BLMW)</u>	represents	_____	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	_____	_____
3. <u>BLM Roadless Areas (BLMR)</u>	represents	_____	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	_____	_____
4. <u>National Park Service (NPS)</u>	represents	<u>3.61</u>	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	<u>3.61</u>	_____
5. <u>NPS Wilderness Areas (NPSW)</u>	represents	_____	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	_____	_____
6. <u>NPS Protected Withdrawals (NPSP)</u>	represents	_____	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	_____	_____



Assessment Unit (name, no.)  
 Cook Inlet Coalbed Gas, 50030281

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7. <u>US Forest Service (FS)</u>	represents	<u>0.08</u>	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	<u>0.08</u>	_____
8. <u>USFS Wilderness Areas (FSW)</u>	represents	_____	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	_____	_____
9. <u>USFS Roadless Areas (FSR)</u>	represents	_____	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	_____	_____
10. <u>USFS Protected Withdrawals (FSP)</u>	represents	_____	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	_____	_____
11. <u>US Fish and Wildlife Service (FWS)</u>	represents	<u>9.58</u>	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	<u>9.58</u>	_____
12. <u>USFWS Wilderness Areas (FWSW)</u>	represents	_____	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	_____	_____

13. <u>USFWS Protected Withdrawals (FWSP)</u>	represents	_____	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	_____	_____
14. <u>Wilderness Study Areas (WS)</u>	represents	_____	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	_____	_____
15. <u>Department of Energy (DOE)</u>	represents	_____	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	_____	_____
16. <u>Department of Defense (DOD)</u>	represents	0.36	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	0.36	_____
17. <u>Bureau of Reclamation (BOR)</u>	represents	_____	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	_____	_____
18. <u>Tennessee Valley Authority (TVA)</u>	represents	_____	area % of the AU
<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	_____	_____

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19. Other Federal represents \_\_\_\_\_ area % of the AU

<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____

<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	_____	_____

20. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
Volume % in entity	_____	_____	_____

<u>Gas in gas assessment unit:</u>			
Volume % in entity	_____	_____	_____

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**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO ECOSYSTEMS**  
**Surface Allocations** (uncertainty of a fixed value)

1.	<u>Alaska Mountains (AKMT)</u>	represents	<u>22.80</u>	area % of the AU
	<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
	Volume % in entity	_____	_____	_____
	<u>Gas in gas assessment unit:</u>			
	Volume % in entity	_____	<u>22.80</u>	_____
2.	<u>Chugach-St. Elias Mountains (CSMT)</u>	represents	<u>1.26</u>	area % of the AU
	<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
	Volume % in entity	_____	_____	_____
	<u>Gas in gas assessment unit:</u>			
	Volume % in entity	_____	<u>1.26</u>	_____
3.	<u>Cook Inlet Lowlands (CILL)</u>	represents	<u>61.94</u>	area % of the AU
	<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
	Volume % in entity	_____	_____	_____
	<u>Gas in gas assessment unit:</u>			
	Volume % in entity	_____	<u>61.94</u>	_____
4.	_____	represents	_____	area % of the AU
	<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
	Volume % in entity	_____	_____	_____
	<u>Gas in gas assessment unit:</u>			
	Volume % in entity	_____	_____	_____
5.	_____	represents	_____	area % of the AU
	<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
	Volume % in entity	_____	_____	_____
	<u>Gas in gas assessment unit:</u>			
	Volume % in entity	_____	_____	_____
6.	_____	represents	_____	area % of the AU
	<u>Oil in oil assessment unit:</u>	minimum	mode	maximum
	Volume % in entity	_____	_____	_____
	<u>Gas in gas assessment unit:</u>			
	Volume % in entity	_____	_____	_____

7. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit:                    minimum                    mode                    maximum  
Volume % in entity                    \_\_\_\_\_                    \_\_\_\_\_                    \_\_\_\_\_

Gas in gas assessment unit:  
Volume % in entity                    \_\_\_\_\_                    \_\_\_\_\_                    \_\_\_\_\_

8. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit:                    minimum                    mode                    maximum  
Volume % in entity                    \_\_\_\_\_                    \_\_\_\_\_                    \_\_\_\_\_

Gas in gas assessment unit:  
Volume % in entity                    \_\_\_\_\_                    \_\_\_\_\_                    \_\_\_\_\_

9. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit:                    minimum                    mode                    maximum  
Volume % in entity                    \_\_\_\_\_                    \_\_\_\_\_                    \_\_\_\_\_

Gas in gas assessment unit:  
Volume % in entity                    \_\_\_\_\_                    \_\_\_\_\_                    \_\_\_\_\_

10. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit:                    minimum                    mode                    maximum  
Volume % in entity                    \_\_\_\_\_                    \_\_\_\_\_                    \_\_\_\_\_

Gas in gas assessment unit:  
Volume % in entity                    \_\_\_\_\_                    \_\_\_\_\_                    \_\_\_\_\_

11. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit:                    minimum                    mode                    maximum  
Volume % in entity                    \_\_\_\_\_                    \_\_\_\_\_                    \_\_\_\_\_

Gas in gas assessment unit:  
Volume % in entity                    \_\_\_\_\_                    \_\_\_\_\_                    \_\_\_\_\_

12. \_\_\_\_\_ represents \_\_\_\_\_ area % of the AU

Oil in oil assessment unit:                    minimum                    mode                    maximum  
Volume % in entity                    \_\_\_\_\_                    \_\_\_\_\_                    \_\_\_\_\_

Gas in gas assessment unit:  
Volume % in entity                    \_\_\_\_\_                    \_\_\_\_\_                    \_\_\_\_\_

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