

**FORSPAN ASSESSMENT MODEL FOR CONTINUOUS  
ACCUMULATIONS--BASIC INPUT DATA FORM (NOGA, Version 8, 8-16-02)**

**IDENTIFICATION INFORMATION**

Assessment Geologist:...	J.L. Ridgley	Date:	9/25/2002
Region:.....	North America	Number:	5
Province:.....	San Juan Basin	Number:	5022
Total Petroleum System:..	Mancos-Menefee Composite	Number:	502203
Assessment Unit:.....	Mancos Sandstones Continuous Gas	Number:	50220362
Based on Data as of:.....	PI/Dwights 2001		
Notes from Assessor:.....			

**CHARACTERISTICS OF ASSESSMENT UNIT**

**Assessment-Unit type:** Oil (<20,000 cfg/bo) or Gas (≥20,000 cfg/bo) 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:..... 513

Number of tested cells with total recovery per cell ≥ minimum: ..... 460

Established (>24 cells ≥ min.) X Frontier (1-24 cells)                      Hypothetical (no cells)                     

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

1st 3rd discovered	<u>0.53</u>	2nd 3rd	<u>0.31</u>	3rd 3rd	<u>0.14</u>
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**Assessment-Unit Probabilities:**

<u>Attribute</u>	<u>Probability of occurrence (0-1.0)</u>
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

4. **ACCESS:** Adequate location for necessary petroleum-related activities for an untested cell with total recovery ≥ minimum ..... 1.0

**NO. OF UNTESTED CELLS WITH POTENTIAL FOR ADDITIONS TO RESERVES IN THE NEXT 30 YEARS**

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

minimum	<u>1,845,000</u>	median	<u>1,884,000</u>	maximum	<u>1,942,000</u>
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2. Area per cell of untested cells having potential for additions to reserves in next 30 years (acres):  
(values are inherently variable)
 

calculated mean	<u>105</u>	minimum	<u>40</u>	median	<u>100</u>	maximum	<u>200</u>
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3. Percentage of total assessment-unit area that is untested (%): (uncertainty of a fixed value)
 

minimum	<u>96</u>	median	<u>97.1</u>	maximum	<u>98</u>
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4. Percentage of untested assessment-unit area that has potential for additions to reserves in next 30 years (%): ( a necessary criterion is that total recovery per cell ≥ minimum)  
(uncertainty of a fixed value)
 

minimum	<u>35</u>	median	<u>60</u>	maximum	<u>75</u>
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**TOTAL RECOVERY PER CELL**

Total recovery per cell for untested cells having potential for additions to reserves in next 30 years:

(values are inherently variable)

(mmbo for oil A.U.; bcfg for gas A.U.)      minimum 0.02      median 0.35      maximum 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	median	maximum
Gas/oil ratio (cfg/bo).....	<u>                    </u>	<u>                    </u>	<u>                    </u>
NGL/gas ratio (bngl/mmcfg).....	<u>                    </u>	<u>                    </u>	<u>                    </u>
 <u>Gas assessment unit:</u>			
Liquids/gas ratio (bliq/mmcfg).....	<u>8</u>	<u>15</u>	<u>21</u>

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**SELECTED ANCILLARY DATA FOR UNTESTED CELLS**

(values are inherently variable)

<u>Oil assessment unit:</u>	minimum	median	maximum
API gravity of oil (degrees).....	<u>                    </u>	<u>                    </u>	<u>                    </u>
Sulfur content of oil (%).....	<u>                    </u>	<u>                    </u>	<u>                    </u>
Drilling depth (m) .....	<u>                    </u>	<u>                    </u>	<u>                    </u>
Depth (m) of water (if applicable).....	<u>                    </u>	<u>                    </u>	<u>                    </u>
 <u>Gas assessment unit:</u>			
Inert-gas content (%).....	<u>0.10</u>	<u>0.20</u>	<u>0.40</u>
CO <sub>2</sub> content (%).....	<u>0.50</u>	<u>1.40</u>	<u>1.80</u>
Hydrogen-sulfide content (%).....	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Drilling depth (m).....	<u>1280</u>	<u>2195</u>	<u>2439</u>
Depth (m) of water (if applicable).....	<u>                    </u>	<u>                    </u>	<u>                    </u>
 <u>Success ratios:</u>	calculated mean	minimum	median
Future success ratio (%).....	<u>83</u>	<u>75</u>	<u>83</u>
Historic success ratio, tested cells (%)..	<u>90</u>		

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

1. <u>Colorado</u>	represents	<u>26.50</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	15	_____
Portion of volume % that is offshore (0-100%)..	_____	0	_____
2. <u>New Mexico</u>	represents	<u>73.50</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	85	_____
Portion of volume % that is offshore (0-100%)..	_____	0	_____
3. _____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
4. _____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

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5. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
6. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
7. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
8. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

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

<u>1. Federal Lands</u>	represents	<u>47.22</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	63	_____
Portion of volume % that is offshore (0-100%)..	_____	0	_____
<u>2. Private Lands</u>	represents	<u>24.45</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	16	_____
Portion of volume % that is offshore (0-100%)..	_____	0	_____
<u>3. Tribal Lands</u>	represents	<u>23.48</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	15	_____
Portion of volume % that is offshore (0-100%)..	_____	0	_____
<u>4. Other Lands</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

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5. <u>CO State Lands</u>	represents	<u>0.54</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....		0.5	
Portion of volume % that is offshore (0-100%)..		0	
6. <u>NM State Lands</u>	represents	<u>4.30</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....		5.5	
Portion of volume % that is offshore (0-100%)..		0	
7. _____	represents		areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
8. _____	represents		areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			

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9. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
10. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
11. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
12. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

**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	35.66	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	47.57	_____
Portion of volume % that is offshore (0-100%)..	_____	0	_____
2. <u>BLM Wilderness Areas (BLMW)</u>	represents		areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
3. <u>BLM Roadless Areas (BLMR)</u>	represents		areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
4. <u>National Park Service (NPS)</u>	represents	0.01	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	0.01	_____
Portion of volume % that is offshore (0-100%)..	_____	0	_____

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5. <u>NPS Wilderness Areas (NPSW)</u>	represents	<u>          </u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	<u>          </u>	<u>          </u>	<u>          </u>
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	<u>          </u>	<u>          </u>	<u>          </u>
Portion of volume % that is offshore (0-100%)..	<u>          </u>	<u>          </u>	<u>          </u>
6. <u>NPS Protected Withdrawals (NPSP)</u>	represents	<u>          </u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	<u>          </u>	<u>          </u>	<u>          </u>
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	<u>          </u>	<u>          </u>	<u>          </u>
Portion of volume % that is offshore (0-100%)..	<u>          </u>	<u>          </u>	<u>          </u>
7. <u>US Forest Service (USFS)</u>	represents	<u>  10.72  </u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	<u>          </u>	<u>          </u>	<u>          </u>
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	<u>          </u>	<u>  14.31  </u>	<u>          </u>
Portion of volume % that is offshore (0-100%)..	<u>          </u>	<u>      0      </u>	<u>          </u>
8. <u>USFS Wilderness Areas (USFSW)</u>	represents	<u>          </u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	<u>          </u>	<u>          </u>	<u>          </u>
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	<u>          </u>	<u>          </u>	<u>          </u>
Portion of volume % that is offshore (0-100%)..	<u>          </u>	<u>          </u>	<u>          </u>

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<u>9. USFS Roadless Areas (USFSR)</u>	represents	<u>                    </u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	<u>                    </u>	<u>                    </u>	<u>                    </u>
Portion of volume % that is offshore (0-100%)..	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>10. USFS Protected Withdrawals (USFSP)</u>	represents	<u>                    </u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	<u>                    </u>	<u>                    </u>	<u>                    </u>
Portion of volume % that is offshore (0-100%)..	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>11. US Fish and Wildlife Service (USFWS)</u>	represents	<u>                    </u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	<u>                    </u>	<u>                    </u>	<u>                    </u>
Portion of volume % that is offshore (0-100%)..	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>12. USFWS Wilderness Areas (USFWSW)</u>	represents	<u>                    </u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	<u>                    </u>	<u>                    </u>	<u>                    </u>
Portion of volume % that is offshore (0-100%)..	<u>                    </u>	<u>                    </u>	<u>                    </u>

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<u>13. USFWS Protected Withdrawals (USFWSP)</u>	represents	<u>                    </u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	<u>                    </u>	<u>                    </u>	<u>                    </u>
Portion of volume % that is offshore (0-100%)..	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	<u>                    </u>	<u>                    </u>	<u>                    </u>
Portion of volume % that is offshore (0-100%)..	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>14. Wilderness Study Areas (WS)</u>	represents	<u>                    </u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	<u>                    </u>	<u>                    </u>	<u>                    </u>
Portion of volume % that is offshore (0-100%)..	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	<u>                    </u>	<u>                    </u>	<u>                    </u>
Portion of volume % that is offshore (0-100%)..	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>15. Department of Energy (DOE)</u>	represents	<u>                    </u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	<u>                    </u>	<u>                    </u>	<u>                    </u>
Portion of volume % that is offshore (0-100%)..	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	<u>                    </u>	<u>                    </u>	<u>                    </u>
Portion of volume % that is offshore (0-100%)..	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>16. Department of Defense (DOD)</u>	represents	<u>                    </u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	<u>                    </u>	<u>                    </u>	<u>                    </u>
Portion of volume % that is offshore (0-100%)..	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	<u>                    </u>	<u>                    </u>	<u>                    </u>
Portion of volume % that is offshore (0-100%)..	<u>                    </u>	<u>                    </u>	<u>                    </u>

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17. <u>Bureau of Reclamation (BOR)</u>	represents	<u>0.84</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....		1.11	
Portion of volume % that is offshore (0-100%)..		0	
18. <u>Tennessee Valley Authority (TVA)</u>	represents		areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
19. <u>Other Federal</u>	represents		areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
20. _____	represents		areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			

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

1. <u>Grand Canyon Lands (GDCL)</u>	represents	<u>6.09</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
	minimum	median	maximum
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....		4	
Portion of volume % that is offshore (0-100%)..		0	
2. <u>Navajo Canyonlands (NVCL)</u>	represents	<u>62.91</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
	minimum	median	maximum
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....		75	
Portion of volume % that is offshore (0-100%)..		0	
3. <u>South-Central Highlands (SCHL)</u>	represents	<u>18.59</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
	minimum	median	maximum
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....		6	
Portion of volume % that is offshore (0-100%)..		0	
4. <u>White Mountain-San Francisco Peaks (WMSF)</u>	represents	<u>12.42</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
	minimum	median	maximum
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....		15	
Portion of volume % that is offshore (0-100%)..		0	

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5. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
6. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
7. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
8. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

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9. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
10. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
11. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
12. _____	represents _____	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>			
Volume % in entity.....	minimum	median	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO LAND ENTITIES**  
**Subsurface Allocations** (uncertainty of a fixed value)

Based on Data as of: \_\_\_\_\_

1. <u>All Federal Subsurface</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
2. <u>Other Subsurface</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>			
	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____