

**FORSPAN ASSESSMENT MODEL FOR CONTINUOUS  
ACCUMULATIONS--BASIC INPUT DATA FORM (NOGA, Version 7, 6-30-00)**

**IDENTIFICATION INFORMATION**

Assessment Geologist:...	S.B. Roberts	Date:	8/20/2002
Region:.....	North America	Number:	5
Province:.....	Southwestern Wyoming	Number:	5037
Total Petroleum System:..	Lance-Fort Union Composite	Number:	503708
Assessment Unit:.....	Lance Coalbed Gas	Number:	50370881
Based on Data as of:.....			
Notes from Assessor:.....	Analog: Powder River Basin Coalbed Gas, Anderson/Canyon Beds, Laramie Coal (Denver Basin)		

**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:..... 0

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

Established (>24 cells ≥ min.) Frontier (1-24 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	
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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	2,045,000	median	2,351,000	maximum	2,657,000
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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	83	minimum	40	median	80	maximum	140
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3. Percentage of total assessment-unit area that is untested (%): (uncertainty of a fixed value)
 

minimum	100	median	100	maximum	100
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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	1	median	3	maximum	7
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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 0.15      maximum 1

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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>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	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>2.00</u>	<u>3.00</u>	<u>4.00</u>	
CO <sub>2</sub> content (%).....	<u>3.00</u>	<u>5.00</u>	<u>8.00</u>	
Hydrogen-sulfide content (%).....	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
Drilling depth (m).....	<u>150</u>	<u>1000</u>	<u>1800</u>	
Depth (m) of water (if applicable).....	<u>                    </u>	<u>                    </u>	<u>                    </u>	
 <u>Success ratios:</u>	calculated mean	minimum	median	maximum
Future success ratio (%).....	<u>71</u>	<u>50</u>	<u>70</u>	<u>95</u>
Historic success ratio, tested cells (%)..	<u>                    </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>33.27</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.....	_____	10	_____
Portion of volume % that is offshore (0-100%)..	_____	0	_____
2. <u>Wyoming</u>	represents	<u>66.73</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.....	_____	90	_____
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>55.51</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.....	_____	60	_____
Portion of volume % that is offshore (0-100%)..	_____	0	_____
<u>2. Private Lands</u>	represents	<u>39.68</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.....	_____	38	_____
Portion of volume % that is offshore (0-100%)..	_____	0	_____
<u>3. Tribal 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%)..	_____	_____	_____
<u>4. Other Lands</u>	represents	<u>0.01</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.....	_____	0	_____
Portion of volume % that is offshore (0-100%)..	_____	0	_____

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5. <u>CO State Lands</u>	represents	<u>2.69</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	
Portion of volume % that is offshore (0-100%)..		0	
6. <u>WY State Lands</u>	represents	<u>2.11</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	
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)

<u>1. Bureau of Land Management (BLM)</u>	represents	<u>51.61</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.....	_____	55.79	_____
Portion of volume % that is offshore (0-100%)..	_____	0	_____
<u>2. BLM Wilderness Areas (BLMW)</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%)..	_____	_____	_____
<u>3. BLM Roadless Areas (BLMR)</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%)..	_____	_____	_____
<u>4. National Park Service (NPS)</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%)..	_____	_____	_____

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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>  3.90  </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>  4.21  </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>	minimum		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>10. USFS Protected Withdrawals (USFSP)</u>	represents	<u>                    </u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum		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>11. US Fish and Wildlife Service (USFWS)</u>	represents	<u>                    </u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum		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>12. USFWS Wilderness Areas (USFWSW)</u>	represents	<u>                    </u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum		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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<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	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%)..	_____	_____	_____
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>Central Basin and Hills (CNBH)</u>	represents	<u>7.21</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.....		<u>8</u>	
Portion of volume % that is offshore (0-100%)..		<u>0</u>	
2. <u>Greater Green River Basin (GGRV)</u>	represents	<u>89.51</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.....		<u>90</u>	
Portion of volume % that is offshore (0-100%)..		<u>0</u>	
3. <u>North-Central Highlands (NCHL)</u>	represents	<u>2.44</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.....		<u>2</u>	
Portion of volume % that is offshore (0-100%)..		<u>0</u>	
4. <u>Uinta Mountains (UTMT)</u>	represents	<u>0.84</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.....		<u>0</u>	
Portion of volume % that is offshore (0-100%)..		<u>0</u>	

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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>			
Volume % in entity.....	minimum	_____	median
Portion of volume % that is offshore (0-100%)..	_____	_____	maximum
_____	_____	_____	_____
<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>			
Volume % in entity.....	minimum	_____	median
Portion of volume % that is offshore (0-100%)..	_____	_____	maximum
_____	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
_____	_____	_____	_____