

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

IDENTIFICATION INFORMATION

Assessment Geologist:...	R.C. Johnson, T.M. Finn, and S.B. Roberts	Date:	8/22/2002
Region:.....	North America	Number:	5
Province:.....	Southwestern Wyoming	Number:	5037
Total Petroleum System:..	Mesaverde-Lance-Fort Union Composite	Number:	503706
Assessment Unit:.....	Mesaverde-Lance-Fort Union Continuous Gas	Number:	50370661
Based on Data as of:.....	PI/Dwights 2001, Wyoming Oil and Gas Conservation Commission		
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:..... 454

Number of tested cells with total recovery per cell ≥ minimum: 248

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>2.8</u>	2nd 3rd	<u>1.7</u>	3rd 3rd	<u>1.3</u>
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Assessment-Unit Probabilities:

<u>Attribute</u>	<u>Probability of occurrence (0-1.0)</u>
1. CHARGE: Adequate petroleum charge for an untested cell with total recovery ≥ minimum	<u>1.0</u>
2. ROCKS: Adequate reservoirs, traps, seals for an untested cell with total recovery ≥ minimum.	<u>1.0</u>
3. TIMING: 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>3,134,000</u>	median	<u>3,482,000</u>	maximum	<u>3,830,000</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>97.1</u>	median	<u>98.6</u>	maximum	<u>99.5</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>14</u>	median	<u>24</u>	maximum	<u>45</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 1.2 maximum 15

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 (bnl/mmcfg).....	<u> </u>	<u> </u>	<u> </u>
<u>Gas assessment unit:</u>			
Liquids/gas ratio (bliq/mmcfg).....	<u>22.5</u>	<u>45</u>	<u>67.5</u>

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>0.00</u>	<u>1.70</u>	<u>6.10</u>	
CO ₂ content (%).....	<u>0.10</u>	<u>0.80</u>	<u>5.70</u>	
Hydrogen-sulfide content (%).....	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
Drilling depth (m).....	<u>2440</u>	<u>3050</u>	<u>5200</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>80</u>	<u>70</u>	<u>80</u>	<u>90</u>
Historic success ratio, tested cells (%)	<u>60</u>			

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

1. <u>Utah</u>	represents	<u>0.90</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	_____
2. <u>Wyoming</u>	represents	<u>99.10</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.....	_____	100	_____
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>69.78</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>80</u>	
Portion of volume % that is offshore (0-100%)..		<u>0</u>	
<u>2. Private Lands</u>	represents	<u>25.56</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>17</u>	
Portion of volume % that is offshore (0-100%)..		<u>0</u>	
<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>1.04</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. <u>UT State Lands</u>	represents	<u>0.26</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	
Portion of volume % that is offshore (0-100%)..		0	
6. <u>WY State Lands</u>	represents	<u>3.36</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.....		3	
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	<u>57.96</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.....		66.45	
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>			
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%)..			
3. <u>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%)..			
4. <u>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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<u>5. NPS Wilderness Areas (NPSW)</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>6. NPS Protected Withdrawals (NPSP)</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>7. US Forest Service (USFS)</u>	represents	<u> 7.74 </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> 8.87 </u>	<u> </u>
Portion of volume % that is offshore (0-100%)..	<u> </u>	<u> 0 </u>	<u> </u>
<u>8. USFS Wilderness Areas (USFSW)</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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<u>9. USFS Roadless Areas (USFSR)</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>10. USFS Protected Withdrawals (USFSP)</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>11. US Fish and Wildlife Service (USFWS)</u>	represents	<u> 0.18 </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> 0.21 </u>	<u> </u>
Portion of volume % that is offshore (0-100%)..	<u> </u>	<u> 0 </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	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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<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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<u>17. Bureau of Reclamation (BOR)</u>	represents	<u>3.90</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>4.47</u>	
Portion of volume % that is offshore (0-100%)..		<u>0</u>	
<u>18. Tennessee Valley Authority (TVA)</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>19. Other Federal</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>20. _____</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%)..			

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

1. <u>Greater Green River Basin (GGRV)</u>	represents	<u>81.93</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.....	_____	82	_____
Portion of volume % that is offshore (0-100%)..	_____	0	_____
2. <u>Overthrust Mountains (OVMT)</u>	represents	<u>12.80</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.....	_____	18	_____
Portion of volume % that is offshore (0-100%)..	_____	0	_____
3. <u>Uinta Mountains (UTMT)</u>	represents	<u>5.27</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.....	_____	0	_____
Portion of volume % that is offshore (0-100%)..	_____	0	_____
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%)..	_____	_____	_____

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9. _____	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%)..	_____	_____	_____
10. _____	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%)..	_____	_____	_____
11. _____	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%)..	_____	_____	_____
12. _____	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%)..	_____	_____	_____

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%)..	_____	_____	_____
_____	_____	_____	_____