

**SEVENTH APPROXIMATION
DATA FORM FOR CONVENTIONAL ASSESSMENT UNITS (NOGA, Version 5, 6-30-01)**

IDENTIFICATION INFORMATION

Assessment Geologist:.....	R.C. Johnson and T.M. Finn	Date:	8/22/2002
Region:.....	North America	Number:	5
Province:.....	Southwestern Wyoming	Number:	5037
Total Petroleum System:.....	Mesaverde	Number:	503705
Assessment Unit:.....	Mesaverde Conventional Oil and Gas	Number:	50370501
Based on Data as of:.....	NRG 2001 (data current through 1999), PI/Dwights 2001		
Notes from Assessor:.....	NRG Reservoir Lower 48 growth function		

CHARACTERISTICS OF ASSESSMENT UNIT

Oil (<20,000 cfg/bo overall) or Gas (≥20,000 cfg/bo overall):... Oil

What is the minimum accumulation size?..... 0.5 mmboc grown
(the smallest accumulation that has potential to be added to reserves in the next 30 years)

No. of discovered accumulations exceeding minimum size:..... Oil: 2 Gas: 12
Established (>13 accums.) X Frontier (1-13 accums.) Hypothetical (no accums.)

Median size (grown) of discovered oil accumulation (mmboc):
1st 3rd _____ 2nd 3rd _____ 3rd 3rd _____

Median size (grown) of discovered gas accumulations (bcfg):
1st 3rd 170 2nd 3rd 8.4 3rd 3rd _____

Assessment-Unit Probabilities:

Attribute	Probability of occurrence (0-1.0)
1. CHARGE: Adequate petroleum charge for an undiscovered accum. ≥ minimum size.....	1.0
2. ROCKS: Adequate reservoirs, traps, and seals for an undiscovered accum. ≥ minimum size.....	1.0
3. TIMING OF GEOLOGIC EVENTS: Favorable timing for an undiscovered accum. ≥ minimum size	1.0
Assessment-Unit GEOLOGIC Probability (Product of 1, 2, and 3):.....	1.0
4. ACCESSIBILITY: Adequate location to allow exploration for an undiscovered accumulation ≥ minimum size.....	1.0

UNDISCOVERED ACCUMULATIONS

No. of Undiscovered Accumulations: How many undiscovered accums. exist that are ≥ min. size?:
(uncertainty of fixed but unknown values)

Oil Accumulations:.....min. no. (>0)	1	median no.	2	max no.	3
Gas Accumulations:.....min. no. (>0)	2	median no.	5	max no.	12

Sizes of Undiscovered Accumulations: What are the sizes (**grown**) of the above accums?:
(variations in the sizes of undiscovered accumulations)

Oil in Oil Accumulations (mmboc):.....min. size	0.5	median siz	1	max. size	5
Gas in Gas Accumulations (bcfg):.....min. size	3	median siz	6	max. size	30

AVERAGE RATIOS FOR UNDISCOVERED ACCUMS., TO ASSESS COPRODUCTS

(uncertainty of fixed but unknown values)

<u>Oil Accumulations:</u>	minimum	median	maximum
Gas/oil ratio (cfg/bo).....	<u>4120</u>	<u>8239</u>	<u>12359</u>
NGL/gas ratio (bnl/mmcfg).....	<u>18.5</u>	<u>37</u>	<u>55.5</u>
<u>Gas Accumulations:</u>	minimum	median	maximum
Liquids/gas ratio (bliq/mmcfg).....	<u>5.92</u>	<u>11.85</u>	<u>17.77</u>
Oil/gas ratio (bo/mmcfg).....	<u> </u>	<u> </u>	<u> </u>

SELECTED ANCILLARY DATA FOR UNDISCOVERED ACCUMULATIONS

(variations in the properties of undiscovered accumulations)

<u>Oil Accumulations:</u>	minimum	median	maximum
API gravity (degrees).....	<u>42</u>	<u>43</u>	<u>44</u>
Sulfur content of oil (%).....	<u>0</u>	<u>0</u>	<u>0</u>
Drilling Depth (m)	<u>881</u>	<u>1200</u>	<u>1544</u>
Depth (m) of water (if applicable).....	<u> </u>	<u> </u>	<u> </u>
<u>Gas Accumulations:</u>	minimum	median	maximum
Inert gas content (%).....	<u>0.1</u>	<u>0.7</u>	<u>2.5</u>
CO ₂ content (%).....	<u>0.1</u>	<u>1.29</u>	<u>2.3</u>
Hydrogen-sulfide content (%).....	<u>0</u>	<u>0</u>	<u>0</u>
Drilling Depth (m).....	<u>1320</u>	<u>1670</u>	<u>2028</u>
Depth (m) of water (if applicable).....	<u> </u>	<u> </u>	<u> </u>

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

1. Colorado represents 33.05 areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		33.05	
Portion of volume % that is offshore (0-100%):.....		0	

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		33.05	
Portion of volume % that is offshore (0-100%):.....		0	

2. Wyoming represents 66.95 areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		66.95	
Portion of volume % that is offshore (0-100%):.....		0	

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		66.95	
Portion of volume % that is offshore (0-100%):.....		0	

3. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%):.....			

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%):.....			

4. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%):.....			

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%):.....			

5. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%).....			

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%).....			

6. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%).....			

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%).....			

7. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%).....			

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%).....			

8. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%).....			

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%).....			

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

1. Federal Lands represents 52.45 areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		52.45	
Portion of volume % that is offshore (0-100%):.....		0	

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		52.45	
Portion of volume % that is offshore (0-100%):.....		0	

2. Private Lands represents 41.97 areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		41.97	
Portion of volume % that is offshore (0-100%):.....		0	

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		41.97	
Portion of volume % that is offshore (0-100%):.....		0	

3. Tribal Lands represents _____ areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%):.....			

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%):.....			

4. Other Lands represents 0.01 areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		0.01	
Portion of volume % that is offshore (0-100%):.....		0	

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		0.01	
Portion of volume % that is offshore (0-100%):.....		0	

Assessment Unit (name, no.)
 Mesaverde Conventional Oil and Gas, Assessment Unit 50370501

5. CO State Lands represents 2.64 areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		2.64	
Portion of volume % that is offshore (0-100%).....		0	

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		2.64	
Portion of volume % that is offshore (0-100%).....		0	

6. WY State Lands represents 2.93 areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		2.93	
Portion of volume % that is offshore (0-100%).....		0	

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		2.93	
Portion of volume % that is offshore (0-100%).....		0	

7. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%).....			

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%).....			

8. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%).....			

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%).....			

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Mesaverde Conventional Oil and Gas, Assessment Unit 50370501

9. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

10. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

11. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

12. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

<u>Gas in Gas Fields:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
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. Bureau of Land Management (BLM) represents 48.37 areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	<u>48.37</u>	_____
Portion of volume % that is offshore (0-100%):.....	_____	<u>0</u>	_____
<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	<u>48.37</u>	_____
Portion of volume % that is offshore (0-100%):.....	_____	<u>0</u>	_____

2. BLM Wilderness Areas (BLMW) represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____
<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

3. BLM Roadless Areas (BLMR) represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____
<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

4. National Park Service (NPS) represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____
<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

Assessment Unit (name, no.)
Mesaverde Conventional Oil and Gas, Assessment Unit 50370501

5. NPS Wilderness Areas (NPSW) represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

6. NPS Protected Withdrawals (NPSP) represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

7. US Forest Service (USFS) represents 4.08 areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	4.08	_____
Portion of volume % that is offshore (0-100%):.....	_____	0	_____

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	4.08	_____
Portion of volume % that is offshore (0-100%):.....	_____	0	_____

8. USFS Wilderness Areas (USFSW) represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

9. USFS Roadless Areas (USFSR) represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

10. USFS Protected Withdrawals (USFSF) represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

11. US Fish and Wildlife Service (USFWS) represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

12. USFWS Wilderness Areas (USFWSM) represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

13. USFWS Protected Withdrawals (USF) represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median		maximum
Richness factor (unitless multiplier):.....	_____	_____		_____
Volume % in parcel (areal % x richness factor):...	_____	_____		_____
Portion of volume % that is offshore (0-100%):.....	_____	_____		_____

<u>Gas in Gas Accumulations:</u>	minimum	median		maximum
Richness factor (unitless multiplier):.....	_____	_____		_____
Volume % in parcel (areal % x richness factor):...	_____	_____		_____
Portion of volume % that is offshore (0-100%):.....	_____	_____		_____

14. Wilderness Study Areas (WS) represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median		maximum
Richness factor (unitless multiplier):.....	_____	_____		_____
Volume % in parcel (areal % x richness factor):...	_____	_____		_____
Portion of volume % that is offshore (0-100%):.....	_____	_____		_____

<u>Gas in Gas Accumulations:</u>	minimum	median		maximum
Richness factor (unitless multiplier):.....	_____	_____		_____
Volume % in parcel (areal % x richness factor):...	_____	_____		_____
Portion of volume % that is offshore (0-100%):.....	_____	_____		_____

15. Department of Energy (DOE) represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median		maximum
Richness factor (unitless multiplier):.....	_____	_____		_____
Volume % in parcel (areal % x richness factor):...	_____	_____		_____
Portion of volume % that is offshore (0-100%):.....	_____	_____		_____

<u>Gas in Gas Accumulations:</u>	minimum	median		maximum
Richness factor (unitless multiplier):.....	_____	_____		_____
Volume % in parcel (areal % x richness factor):...	_____	_____		_____
Portion of volume % that is offshore (0-100%):.....	_____	_____		_____

16. Department of Defense (DOD) represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median		maximum
Richness factor (unitless multiplier):.....	_____	_____		_____
Volume % in parcel (areal % x richness factor):...	_____	_____		_____
Portion of volume % that is offshore (0-100%):.....	_____	_____		_____

<u>Gas in Gas Accumulations:</u>	minimum	median		maximum
Richness factor (unitless multiplier):.....	_____	_____		_____
Volume % in parcel (areal % x richness factor):...	_____	_____		_____
Portion of volume % that is offshore (0-100%):.....	_____	_____		_____

Assessment Unit (name, no.)
Mesaverde Conventional Oil and Gas, Assessment Unit 50370501

17. Bureau of Reclamation (BOR) represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median		maximum
Richness factor (unitless multiplier):.....	_____	_____		_____
Volume % in parcel (areal % x richness factor):...	_____	_____		_____
Portion of volume % that is offshore (0-100%):.....	_____	_____		_____

<u>Gas in Gas Accumulations:</u>	minimum	median		maximum
Richness factor (unitless multiplier):.....	_____	_____		_____
Volume % in parcel (areal % x richness factor):...	_____	_____		_____
Portion of volume % that is offshore (0-100%):.....	_____	_____		_____

18. Tennessee Valley Authority (TVA) represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median		maximum
Richness factor (unitless multiplier):.....	_____	_____		_____
Volume % in parcel (areal % x richness factor):...	_____	_____		_____
Portion of volume % that is offshore (0-100%):.....	_____	_____		_____

<u>Gas in Gas Accumulations:</u>	minimum	median		maximum
Richness factor (unitless multiplier):.....	_____	_____		_____
Volume % in parcel (areal % x richness factor):...	_____	_____		_____
Portion of volume % that is offshore (0-100%):.....	_____	_____		_____

19. Other Federal represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median		maximum
Richness factor (unitless multiplier):.....	_____	_____		_____
Volume % in parcel (areal % x richness factor):...	_____	_____		_____
Portion of volume % that is offshore (0-100%):.....	_____	_____		_____

<u>Gas in Gas Accumulations:</u>	minimum	median		maximum
Richness factor (unitless multiplier):.....	_____	_____		_____
Volume % in parcel (areal % x richness factor):...	_____	_____		_____
Portion of volume % that is offshore (0-100%):.....	_____	_____		_____

20. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median		maximum
Richness factor (unitless multiplier):.....	_____	_____		_____
Volume % in parcel (areal % x richness factor):...	_____	_____		_____
Portion of volume % that is offshore (0-100%):.....	_____	_____		_____

<u>Gas in Gas Accumulations:</u>	minimum	median		maximum
Richness factor (unitless multiplier):.....	_____	_____		_____
Volume % in parcel (areal % x richness factor):...	_____	_____		_____
Portion of volume % that is offshore (0-100%):.....	_____	_____		_____

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

1. Central Basin and Hills (CNBH) represents 7.37 areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		7.37	
Portion of volume % that is offshore (0-100%):.....		0	

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		7.37	
Portion of volume % that is offshore (0-100%):.....		0	

2. Greater Green River Basin (GGRV) represents 80.75 areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		80.75	
Portion of volume % that is offshore (0-100%):.....		0	

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		80.75	
Portion of volume % that is offshore (0-100%):.....		0	

3. North-Central Highlands (NCHL) represents 10.94 areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		10.94	
Portion of volume % that is offshore (0-100%):.....		0	

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		10.94	
Portion of volume % that is offshore (0-100%):.....		0	

4. Tavaputs Plateau (TPPT) represents 0.25 areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		0.25	
Portion of volume % that is offshore (0-100%):.....		0	

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		0.25	
Portion of volume % that is offshore (0-100%):.....		0	

5. Uinta Mountains (UTMT) represents 0.70 areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		0.70	
Portion of volume % that is offshore (0-100%):.....		0	

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...		0.70	
Portion of volume % that is offshore (0-100%):.....		0	

6. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%):.....			

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%):.....			

7. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%):.....			

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%):.....			

8. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%):.....			

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....			
Volume % in parcel (areal % x richness factor):...			
Portion of volume % that is offshore (0-100%):.....			

9. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

10. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

11. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

12. _____ represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
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. All Federal Subsurface represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

2. Other Subsurface represents _____ areal % of the total assessment unit

<u>Oil in Oil Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____

<u>Gas in Gas Accumulations:</u>	minimum	median	maximum
Richness factor (unitless multiplier):.....	_____	_____	_____
Volume % in parcel (areal % x richness factor):...	_____	_____	_____
Portion of volume % that is offshore (0-100%):.....	_____	_____	_____



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