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

IDENTIFICATION INFORMATION

Assessment Geologist:……..	C.J. Schenk	Date:	4/17/2003
Region:……..	North America	Number:	5
Province:…….	Burgos Basin	Number:	5300
Total Petroleum System:……	Upper Jurassic-Cretaceous-Tertiary Composite	Number:	530001
Assessment Unit:…….	Miocene-Pliocene Sandstones	Number:	53000105
Based on Data as of:…….	IHS Energy (2001), NRG Associates (2002, data current through 2000)		
Notes from Assessor…….	US analog used as a guide for sizes and numbers		
	Growth function: nrgfields_mon, 30 years		

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 mmboe 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: 0 Gas: 2
Established (>13 accums.) _____ Frontier (1-13 accums.) X Hypothetical (no accums.) _____

Median size (grown) of discovered oil accumulation (mmbo):
1st 3rd _____ 2nd 3rd _____ 3rd 3rd _____
Median size (grown) of discovered gas accumulations (bcfg):
1st 3rd _____ 2nd 3rd _____ 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 s	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	30	max no.	100
Gas Accumulations:…….min. no. (>0)	1	median no	5	max no.	14

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

Oil in Oil Accumulations (mmbo):……..…min. size	0.5	median siz	100	max. size	3000
Gas in Gas Accumulations (bcfg):……..…min. size	3	median siz	12	max. size	200

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AVERAGE RATIOS FOR UNDISCOVERED ACCUMS., TO ASSESS COPRODUCTS

(uncertainty of fixed but unknown values)

Oil Accumulations:	minimum	median	maximum
Gas/oil ratio (cfg/bo)……	600	1200	1800
NGL/gas ratio (bngl/mmcfg)……	10	20	30

Gas Accumulations:	minimum	median	maximum
Liquids/gas ratio (bliq/mmcfg)……	10	20	30
Oil/gas ratio (bo/mmcfg)……			

SELECTED ANCILLARY DATA FOR UNDISCOVERED ACCUMULATIONS

(variations in the properties of undiscovered accumulations)

Oil Accumulations:	minimum	median	maximum
API gravity (degrees)……	35	40	45
Sulfur content of oil (%)……			
Drilling Depth (m) ……	2000	3000	4300
Depth (m) of water (if applicable)……	0	2000	3500

Gas Accumulations:	minimum	median	maximum
Inert gas content (%)……			
CO_2 content (%)……	0.1	0.4	3
Hydrogen-sulfide content (%)……			
Drilling Depth (m)……	500	1000	2000
Depth (m) of water (if applicable)……	0	2000	4000

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

1. Mexico represents 3.66 areal % of the total assessment unit

Oil in Oil Fields:	minimum	median	maximum
Richness factor (unitless multiplier):……			
Volume % in parcel (areal % x richness factor):…		4.00	
Portion of volume % that is offshore (0-100%)……			

Gas in Gas Fields:	minimum	median	maximum
Richness factor (unitless multiplier):……			
Volume % in parcel (areal % x richness factor):…		4.00	
Portion of volume % that is offshore (0-100%)……			

2. Offshore represents 96.34 areal % of the total assessment unit

Oil in Oil Fields:	minimum	median	maximum
Richness factor (unitless multiplier):……			
Volume % in parcel (areal % x richness factor):…		96.00	
Portion of volume % that is offshore (0-100%)……			

Gas in Gas Fields:	minimum	median	maximum
Richness factor (unitless multiplier):……			
Volume % in parcel (areal % x richness factor):…		96.00	
Portion of volume % that is offshore (0-100%)……			

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

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

Gas in Gas Fields:	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

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

Gas in Gas Fields:	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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5. _____ represents _____ areal % of the total assessment unit

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

Gas in Gas Fields:	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

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

Gas in Gas Fields:	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

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

Gas in Gas Fields:	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

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

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

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

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

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

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

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

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

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

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

Gas in Gas Fields:	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 _____ areal % of the total assessment unit

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

Gas in Gas Fields:	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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5. State 1 Lands represents _____ areal % of the total assessment unit

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

Gas in Gas Fields:	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

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

Gas in Gas Fields:	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

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

Gas in Gas Fields:	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

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

Gas in Gas Fields:	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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9. _____ represents _____ areal % of the total assessment unit

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

Gas in Gas Fields:	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

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

Gas in Gas Fields:	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

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

Gas in Gas Fields:	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

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

Gas in Gas Fields:	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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ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO FEDERAL LAND SUBDIVISIONS
Surface Allocations (uncertainty of a fixed value)

1. Bureau of Land Management (BLM) represents _____ areal % of the total assessment unit

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

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

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

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

Gas in Gas Accumulations:	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

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

Gas in Gas Accumulations:	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

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

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

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

Gas in Gas Accumulations:	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

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

Gas in Gas Accumulations:	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 _____ areal % of the total assessment unit

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

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

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

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

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

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

Gas in Gas Accumulations:	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 (USFSP represents _____ areal % of the total assessment unit

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

Gas in Gas Accumulations:	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

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

Gas in Gas Accumulations:	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 (USFWSW represents _____ areal % of the total assessment unit

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

Gas in Gas Accumulations:	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

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

Gas in Gas Accumulations:	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

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

Gas in Gas Accumulations:	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

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

Gas in Gas Accumulations:	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

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

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

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

Gas in Gas Accumulations:	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

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

Gas in Gas Accumulations:	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

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

Gas in Gas Accumulations:	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

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

Gas in Gas Accumulations:	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.)
Miocene-Pliocene Sandstones, 53000105

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

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

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

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

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

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

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

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

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

Gas in Gas Accumulations:	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

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

Gas in Gas Accumulations:	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

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

Gas in Gas Accumulations:	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

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

Gas in Gas Accumulations:	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

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

Gas in Gas Accumulations:	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

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

Gas in Gas Accumulations:	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

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

Gas in Gas Accumulations:	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

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

Gas in Gas Accumulations:	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

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

Gas in Gas Accumulations:	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

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

Gas in Gas Accumulations:	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.)
Miocene-Pliocene Sandstones, 53000105

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

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

Gas in Gas Accumulations:	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

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

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