

# FORSPAN ASSESSMENT MODEL FOR CONTINUOUS ACCUMULATIONS--BASIC INPUT DATA FORM

## IDENTIFICATION INFORMATION

Assessment Geologist:.....	M. E. Henry	Date:	9/7/2000
Region:.....	North America	Number:	5
Province:.....	Uinta-Piceance	Number:	5020
Total Petroleum System:.....	Ferron Coal/Wasatch Plateau	Number:	502001
Assessment Unit:.....	Joes Valley and Messina Grabens	Number:	50200184
Notes from Assessor	We did not assess because of a low probability for a successful cell.		

## CHARACTERISTICS OF ASSESSMENT UNIT (A.U.)

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

**What is the minimum total recovery per cell?....** 0.05 (mmbo for oil A.U.; bcfg for gas A.U.)

Number of evaluated cells: ... 1

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

Established (>24 cells ≥ min.)	Frontier (1-24 cells)	Hypothetical (no cells)	<u>X</u>
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Median total recovery per cell (for cells ≥ min.): (mmbo for oil A.U.; bcfg for gas A.U.)

1st 3rd discovered		2nd 3rd	
3rd 3rd		3rd 3rd	

### Assessment-Unit Probabilities:

Attribute	Probability of occurrence (0-1.0)
1. <b>CHARGE:</b> Adequate petroleum charge for an untested cell with total recovery ≥ minimum ....	1.0
2. <b>ROCKS:</b> Adequate reservoirs, traps, seals for an untested cell with total recovery ≥ minimum..	0.25
3. <b>TIMING:</b> Favorable geologic timing for an untested cell with total recovery ≥ minimum.....	0.25

**Assessment-Unit GEOLOGIC Probability** (Product of 1, 2, and 3):..... 0.0625

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 NEXT 30 YEARS

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

minimum _____	median _____	maximum _____
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Area per cell of untested cells having potential for additions to reserves in next 30 years (acres):  
(values are inherently variable)

minimum _____	median _____	maximum _____
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Percentage of total assessment-unit area that is untested (%): (uncertainty of a fixed value)

minimum _____	median _____	maximum _____
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Percentage of total assessment-unit area that is untested **and** 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 _____	median _____	maximum _____
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Assessment Unit (name, no.) Joes Valley and Messina Grabens, 50200184

**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 \_\_\_\_\_      median \_\_\_\_\_      maximum \_\_\_\_\_

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**AVERAGE COPRODUCT RATIOS FOR UNTESTED CELLS**

(uncertainty of a fixed value)

Oil assessment unit:	minimum	median	maximum
Gas/oil ratio (cfg/bo).....	_____	_____	_____
NGL/gas ratio (bnl/mmcfg).....	_____	_____	_____
Gas assessment unit:			
Liquids/gas ratio (bliq/mmcfg).....	_____	_____	_____

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**SELECTED ANCILLARY DATA FOR UNTESTED CELLS**

(values are inherently variable)

Oil assessment unit:	minimum	median	maximum
API gravity of oil (degrees).....	_____	_____	_____
Sulfur content of oil (%).....	_____	_____	_____
Drilling depth (m) .....	_____	_____	_____
Depth (m) of water (if applicable).....	_____	_____	_____
Gas assessment unit:			
Inert-gas content (%).....	_____	_____	_____
CO <sub>2</sub> content (%).....	_____	_____	_____
Hydrogen-sulfide content (%).....	_____	_____	_____
Drilling depth (m).....	_____	_____	_____
Depth (m) of water (if applicable).....	_____	_____	_____

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