

Reservoir Data Sheet  
Sapient Energy Corp  
Barber # 12

| <u>Reservoir Data:</u>       | <u>Sapient<br/>11/01 Data</u> | <u>Units</u> |
|------------------------------|-------------------------------|--------------|
| BHPi                         | 2597                          | psia         |
| Z                            | 0.7837                        |              |
| BHPi/Z                       | 3314                          | psia         |
| BHP @ 10/24/01               | 1235                          | psia         |
| Z                            | 0.8362                        |              |
| BHP/Z @ 10/24/01             | 1477                          | psia         |
| Cum @ 10/24/01               | 808                           | mmcf         |
| BHP/Z abd                    | 300                           | psia         |
| Porosity (Avg)               | 0.122                         |              |
| Rw                           | 0.045                         | ohm-m        |
| Sw (Avg)                     | 0.27                          |              |
| h (thickness)                | 30                            | ft           |
| phi-h                        | 3.66                          |              |
| Temp (reservoir)             | 98                            | deg F        |
| Gas grav                     | 0.68                          |              |
| Liq grav                     | 37.1                          | deg API      |
| <b>Planimetered Volumes:</b> |                               |              |
| - E/2 of NE/4 80 acres       | 2706                          | acre-ft      |
| - W/2 of NE/4 80 acres       | 1997                          | acre-ft      |
| - Total NE/4 160 acres       | 4703                          | acre-ft      |

Calculated Values:

|                                   |       |             |
|-----------------------------------|-------|-------------|
| GIP mat bal                       | 1458  | mmcf        |
| Est Ult Recovery - mat bal        | 1326  | mmcf        |
| Orig Gas In Place - pore vol      | 815.1 | mcf/acre-ft |
| Recov GIP - pore vol              | 741.3 | mcf/acre-ft |
| Drainage Area (h = 30')           | 60    | acres       |
| Est Ult Recovery - decline        | 1315  | mmcf        |
| <b>Volumetric Data:</b>           |       |             |
| - OGIP E/2 of NE/4 80 acres       | 2206  | mmcf        |
| - OGIP W/2 of NE/4 80 acres       | 1628  | mmcf        |
| - OGIP Total NE/4 160 acres       | 3834  | mmcf        |
| -% of E/2 of NE/4 well will drain | 66%   |             |
| -% of NE/4 well will drain        | 38%   |             |
| -Drainage Area (66% of 80 acres)  | 53    | acres       |

BEFORE THE  
OIL CONSERVATION COMMISSION  
Case No.12605 Denovo Exhibit No. 14  
Submitted By:  
*Sapient Energy Corp.*  
Hearing Date: November 6, 2001