

### OBSERVATION RECORD

#### OBJECT

Date: 4/1/03  
Time Started: 7:56 PM CST  
Time Finished: 8:32 PM CST  
Transparency: 4.5  
Seeing: 2.5

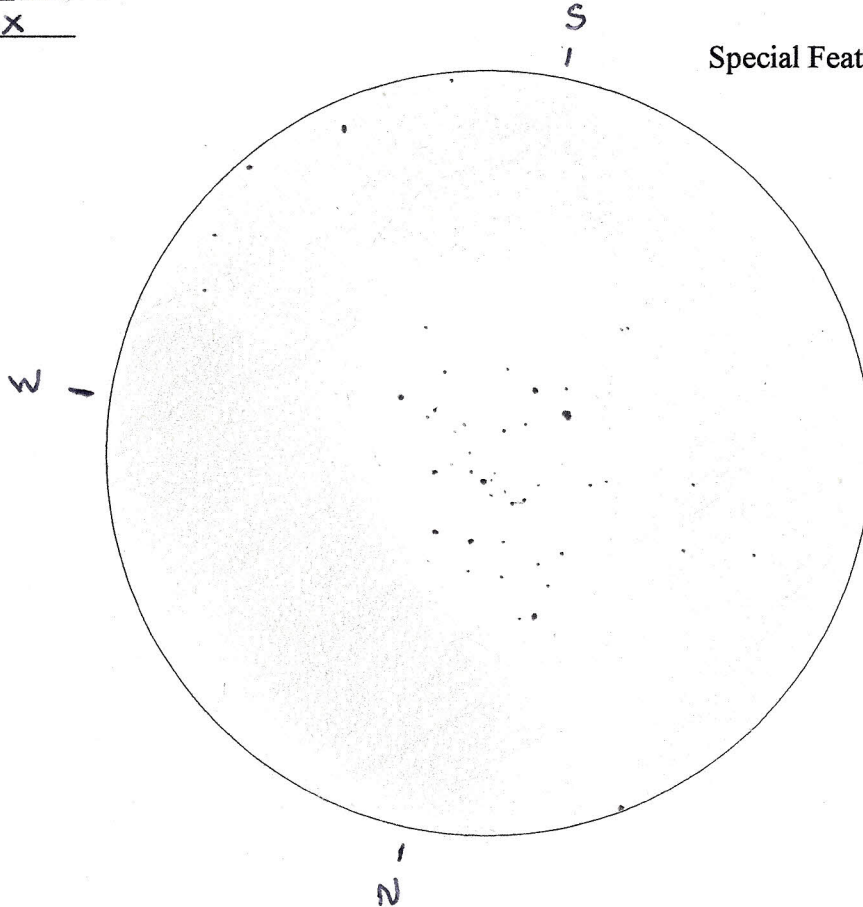
Common Name: Rosette Nebula (CA9)  
C#: 49/50  
NGC #: 2237-9 / 2244

Telescope: 12.5" Dob  
Eyepiece: 40mm plossl  
Filter: Skyglow Broadband  
Magnification: 38x

Type: <sup>Bright open</sup> Nebula / cluster  
Magnitude: 5.5 / 4.8  
Size: 70' x 80' / 24'

Coordinates: 06h 32m 18.05 +4° 59' 00"  
06h 32m 14.05 +4° 52' 00"

Special Features: ~ 100 stars  
Brightest 5.88 mag.  
Distance: ~ 5000 H. yrs.



The Rosette  
Molecular cloud  
is a vast cloud of  
dust and gas  
with the open  
cluster C50  
at its center,  
formed from the  
material of the  
nebula.

Observing the  
Caldwell objects  
-David Rattledge

Locating  
Sketch:



Description and Field Notes: Large and bright open cluster (C50) surrounded by dim, vague nebulosity extending well beyond the 1° field of view (CA9). Nebulosity appears slightly brighter to the NW. Just visible with Orion Skyglow Broadband filter.