

### OBSERVATION RECORD

Date: 10/6/02  
Time Started: 12:06 AM CDT  
Time Finished: 12:29 AM CDT  
Transparency: 5  
Seeing: 4

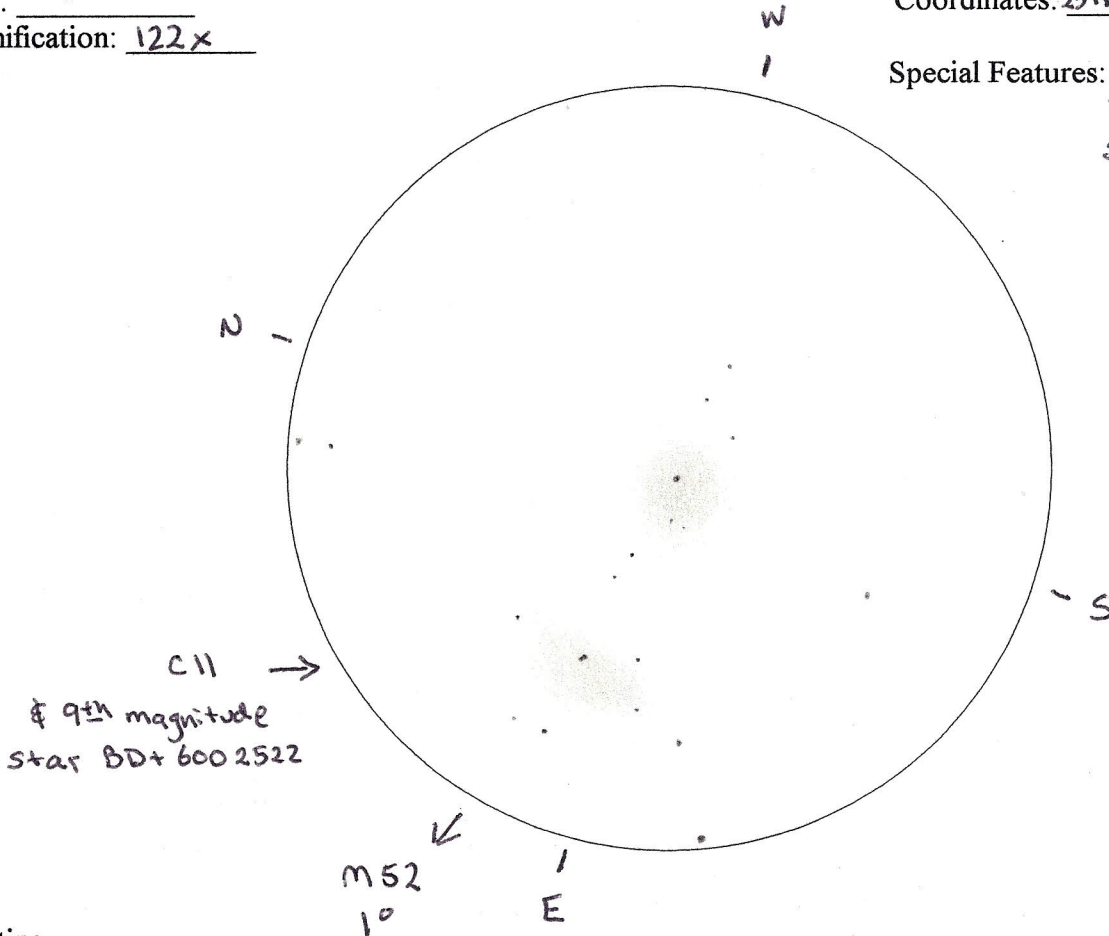
Telescope: 12.5" Dob  
Eyepiece: 12.5mm Plössl  
Filter: —  
Magnification: 122x

OBJECT  
Common Name: Bubble Nebula  
C#: 11  
NGC #: 7635

Type: Bright Nebula  
Magnitude: 8.69 (central star)  
Size: 15.0' x 8.0'

Coordinates: 23h 20m 42.0s +61° 11' 00"

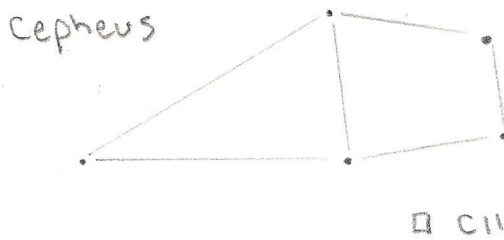
Special Features: Emission Nebula  
Dist: ~11,300 lt. yrs.  
Size: ~10 H.yrs.



C II is actually the smallest part of three bubbles surrounding the central star and part of a gigantic network known as S 162.

Observing the Caldwell object  
-David Ratledge

Locating Sketch:



Description and Field Notes: Star surrounded by faint glow, circular in shape. Another star to the East also surrounded by faint glow but more elongated in the N/S direction and arc-like. (This eastern nebula is C II, the Bubble Nebula.)