

### OBSERVATION RECORD

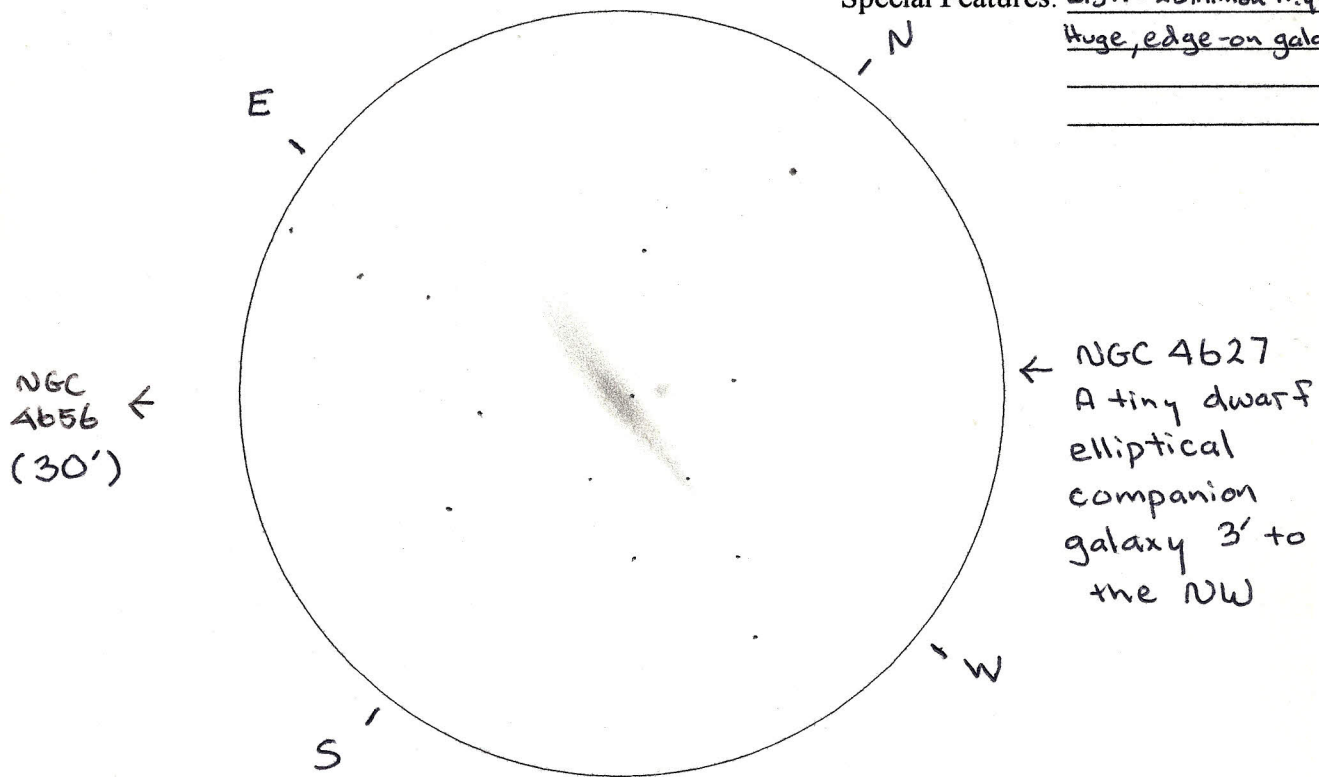
Date: 4/29/02  
Time Started: 9:16 PM CDT  
Time Finished: 9:54 PM CDT  
Transparency: 3.5  
Seeing: 4.0

Telescope: 12.5" Dob  
Eyepiece: 26mm plössl  
Filter: —  
Magnification: 60x

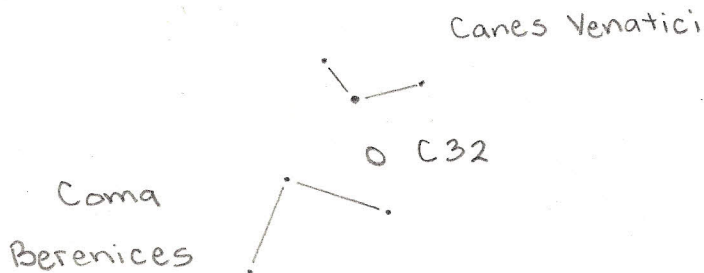
OBJECT  
Common Name: the Whale Galaxy  
C#: 32  
NGC #: 4631

Type: Gal  
Magnitude: 9.2  
Size: 17.0' x 3.5'  
Coordinates: 12h 42m 07.7s +32° 32' 28"

Special Features: Dist: ~25 million lt. yrs.  
Huge, edge-on galaxy



Locating Sketch:



Description and Field Notes: Bright and large. Highly elongated in an E/W direction, the western end being sharper and narrower and the eastern end being wider and more diffuse. Becoming gradually brighter toward the center. Small, round satellite galaxy visible to the NW of the core, just beyond a star. Nearby NGC 4656 can be placed in the same field of view.