

INCIDENT SUMMARY SHEET

Incident No. 227

1. Date and Time of Observation: **12 Dec 1948 Approx 9:00 1 a. 30 s
& 9:00 2 a. 30s.**
2. Where Sighted: **Near Bernal, New Mexico**
3. Observer's Position: **ground - right front seat of car
(i. e., ground, air, control tower, etc.)**
4. Name and Address of Observer: **Dr La Paz, Director, Institute of Meteoritics,
University of New Mexico**
5. Occupation and/or hobbies: **Astronomer**
6. Attention Attracted by: **indirect vision**
- *7. Number of Object(s) Seen: **1**
8. Size of Object(s): **Apparent angular diameter 5'**
9. Color of Object(s): **very bright green**
10. Shape (Sketch if Possible) **ball**
11. Nature of Luminosity:
(directed beam of light?)
12. Altitude of Object: **5 to 10 miles altitude
(estimated)**
13. Estimated Distance of Object from Observer: **N/S**
14. Estimated Speed of Object: **Either 5 to 12 miles or 3 to 6 miles per second
depending on the duration estimate used**
15. Time in Sight: **2.1 to 2.3 seconds**
16. Tactics: **Observed almost exact horizontal flight until a 1/10th second before
disappearance when a slight but definite curvature downward was noticed.**
17. Sound Made by Object(s): **none noticed**
18. Direction of Flight of Object(s) **east to west - very low on the horizon**
19. Apparent Construction: **"fireball"**
20. Effect on Clouds: **N/S**
21. Exhaust Trail (Color of): **No trail noticed**
22. Manner of Disappearance: **Exploded into four smaller bright green fragments
which quickly disappeared**
23. Weather Conditions at Time of Sighting: **Clear**
24. Peculiarities Noted: **See "Significant Differences Between the Fireballs
Observed in the Interval 5-13 Dec and Typical Meteors" by Dr La Paz.**
25. Summary of Incident: **(over)
(See attached page)**