

RESERVOIR SEDIMENTATION
DATA SUMMARY

RIGGS

60-20

NAME OF RESERVOIR

DATA SHEET NO.

| | | | | | | | | |
|---|--|-------------------------------------|------------------------------------|---|---|--------------------------------------|-------------------------|-----------------------------------|
| DAM | 1. OWNER W. Riggs | | | 2. RIVER Trib. Wilcox Dry Lake | | 3. STATE Arizona | | |
| | 4. SEC. 15 TWP. 15S RANGE 27E | | 5. NEAREST TOWN Dos Cabezas | | 6. COUNTY Cochise | | | |
| | 7. STREAM BED ELEV. | | | 8. TOP OF DAM ELEV. | | 9. SPILLWAY CREST ELEV. 4,850 | | |
| RESERVOIR | 10. STORAGE ALLOCATION | 11. ELEVATION TOP OF POOL | 12. SURFACE AREA ACRES | 13. STORAGE ACRE- FEET | 14. ACCUMULATED ACRE- FEET | 15. DATE STORAGE BEGAN | | |
| | a. FLOOD CONTROL | | | | | 1946 | | |
| | b. POWER | | | | | | | |
| | c. WATER SUPPLY | 4,850 | 0.6 | 1.9 | | 16. DATE NORMAL OPER. BEGAN | | |
| | d. IRRIGATION | | | | | | | |
| | e. CONSERVATION | | | | | | | |
| | f. INACTIVE | | | | | 1956 | | |
| 17. LENGTH OF RESERVOIR | | | | MILES | AV. WIDTH OF RESERVOIR | | | |
| 18. TOTAL DRAINAGE AREA 0.6 | | | | SQ. MI. | 22. MEAN ANNUAL PRECIPITATION 14 | | | |
| 19. NET SEDIMENT CONTRIBUTING AREA 0.6 | | | | SQ. MI. | 23. MEAN ANNUAL RUNOFF .06 | | | |
| 20. LENGTH 1.7 | | MILES | | AV. WIDTH 4.5 | MILES | 24. MEAN ANNUAL RUNOFF 19.2 | | |
| 21. MAX. ELEV. 5,100 | | MIN. ELEV. 4,850 | | 25. CLIMATIC CLASSIFICATION Arid | | | | |
| SURVEY DATA | 26. DATE OF SURVEY | 27. PERIOD YEARS | 28. ACCL. YEARS | 29. TYPE OF SURVEY | 30. NO. OF RANGES OR CONTOUR INT. | 31. SURFACE AREA ACRES | 32. CAPACITY ACRE- FEET | 33. C/W RATIO AC- FT. PER SQ. MI. |
| | October 1946 | 14 | 14 | Range | 3 | 0.6 | 1.9 | 2.3 |
| | 26. DATE OF SURVEY | 34. PERIOD ANNUAL PRECIPITATION | 35. PERIOD WATER INFLOW ACRE- FEET | | | 36. WATER INFL. TO DATE AC- FT. | | |
| | | a. MEAN ANNUAL | b. MAX. ANNUAL | c. PERIOD TOTAL | d. MEAN ANNUAL | e. TOTAL TO DATE | | |
| | October, 1960 | | | | | | | |
| 26. DATE OF SURVEY | 37. PERIOD SEDIMENT DEPOSITS ACRE- FEET | | | 38. TOTAL SED. DEPOSITS TO DATE ACRE- FEET. | | | | |
| | a. PERIOD TOTAL | b. AV. ANNUAL | c. PER SQ. MI.- YEAR | d. TOTAL TO DATE | e. AV. ANNUAL | f. PER SQ. MI.- YEAR | | |
| October, 1960 | 0.47 | 0.03 | 0.06 | 0.47 | 0.03 | 0.06 | | |
| 26. DATE OF SURVEY | 39. AV. DRY WGT. LBS. PER CU. FT. | 40. SED. DEP. TONS PER SQ. MI.- YR. | | 41. STORAGE LOSS PCT. | | 42. SED. INFLOW PPM | | |
| | | a. PERIOD | b. TOTAL TO DATE | a. AV. ANNUAL | b. TOT. TO DATE | a. PERIOD | b. TOT. TO DATE | |
| October 1960 | 80* | 105 | 105 | 1.8 | 25 | | | |

*Assumed

