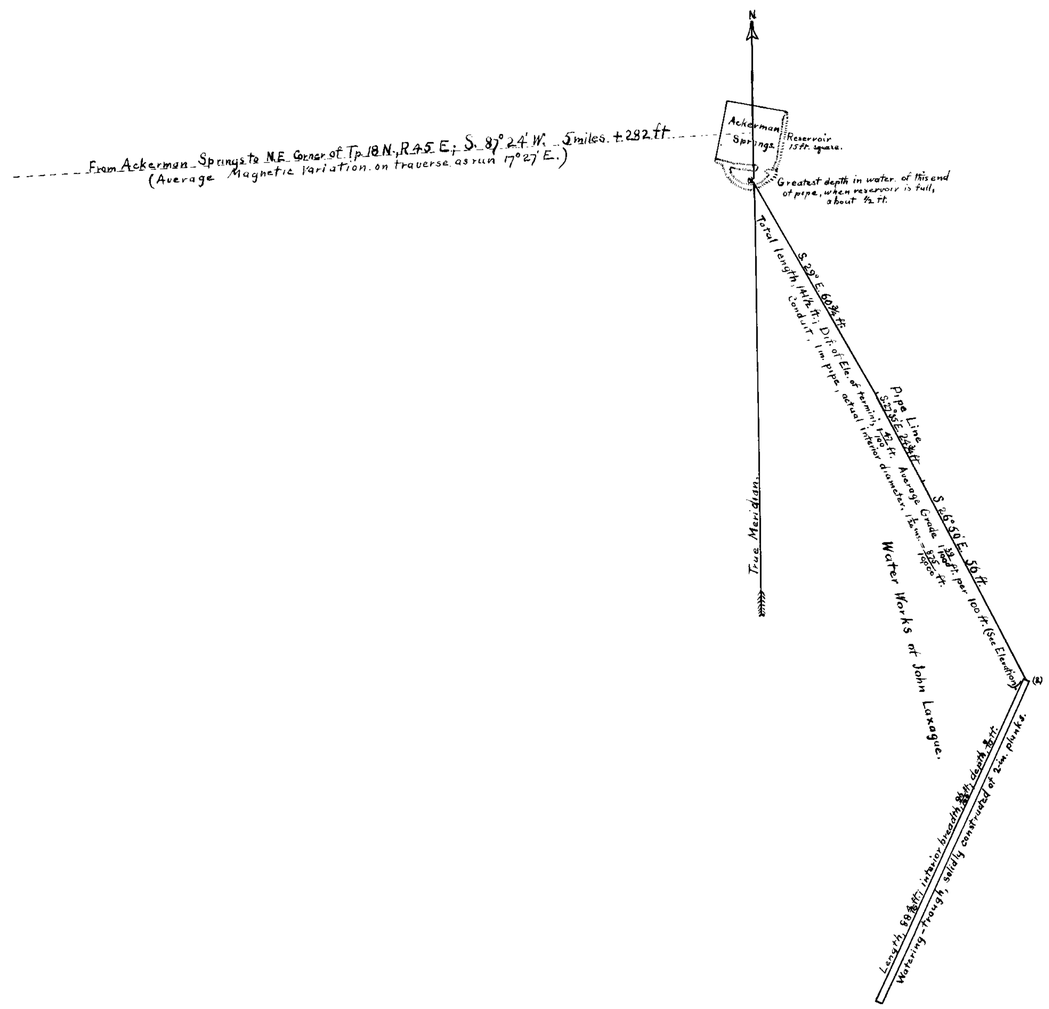


Elevation of pipe line

Conduit, 1 in. pipe; actual interior diameter 1½ in. = 275/1400 ft.

Highest point water reaches Greatest head about 2 ft. — Dif. of Ele. of termini 1 ft.; length 141½ ft.; average grade 1 ft. per 100 ft. = 1039/100,000 — (2)

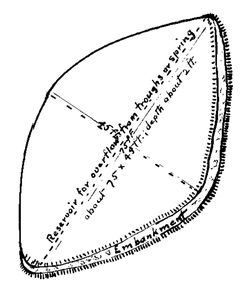
Level line

Actual flow found during survey with water just covering end of pipe at (1), 4 lbs. in 40" (weighed) × 1/10 lb. per second = 4/2497 cub. ft. per second

pipe being, doubtless, tuberculated or unclean.

Greatest capacity with 2 ft. total head and clean pipe 902/100,000 cub. ft. per second (derived from formula for vel. "m" (= 42½) $\sqrt{\frac{\text{diam.} \times \text{total head}}{\text{total length} + 54 \text{ diam.}}}$

which appears most reliable rule for 1 in. pipe — See Trautwine, 18th ed. p. 522)



State of Nevada, County of Lander } s.s.

Dennis Scully, being first duly sworn, deposes and says that survey giving direction and distance to Tp. corner from Ackerman Springs, as added above on plat, was made by me July 23–25, 1913, at the instance of John Laxague through his attorney D. A. Pate.

Dennis Scully Surveyor

Subscribed and sworn to before me this the 26th day of July, 1913.

Lena C. Scinchetti

Notary Public in and for Lander County, Nevada

State of Nevada, County of Lander } s.s.

Dennis Scully, being first duly sworn, deposes and says that the above map is a true and accurate plat of the works for watering sheep or other animals, as taken from the field notes of a survey made by me, completed on the 24th day of April, 1913; that such survey was made at the instance of John Laxague (conveyed to me by his agent and attorney in this business, D. A. Pate); that the map represents the works described in application No. 2243, together with the location of streams and ditches in the immediate vicinity.

Dennis Scully — Surveyor

Subscribed and sworn to before me this, the 28th day of April, 1913.

Lena C. Scinchetti

Notary Public in and for Lander County, Nevada.

MAP of WATER WORKS of JOHN LAXAGUE at ACKERMAN SPRINGS, in LANDER COUN[illegible]

(under application No. 2243)

Scale, 1 in. = 20 ft.

Courses deflected from True Meridian; Magnetic Variation 17° E

(From surveys and measurement of water made April 24th, 1913, by Dennis Scully, Surveyor and Civil Engineer.

194-BR.3 4-22-14.
for .0166 c.f.s. 2243