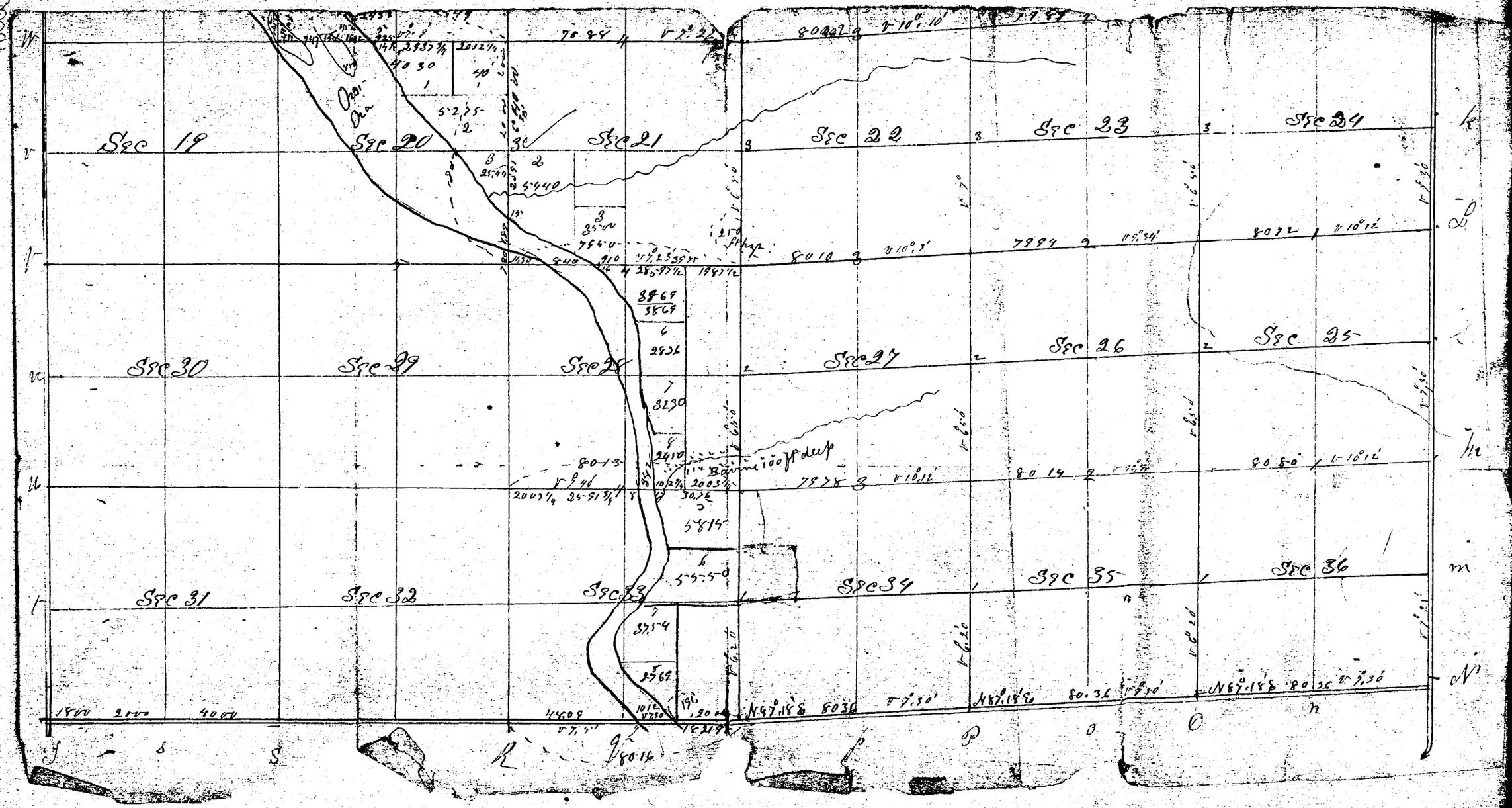MS20146 8000