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PROPOSAL: ADD 3 NEW FIRE HYDRANTS
TO ELK MEADOWS

TO SUPPLEMENT OUR SINGLE HYDRANT

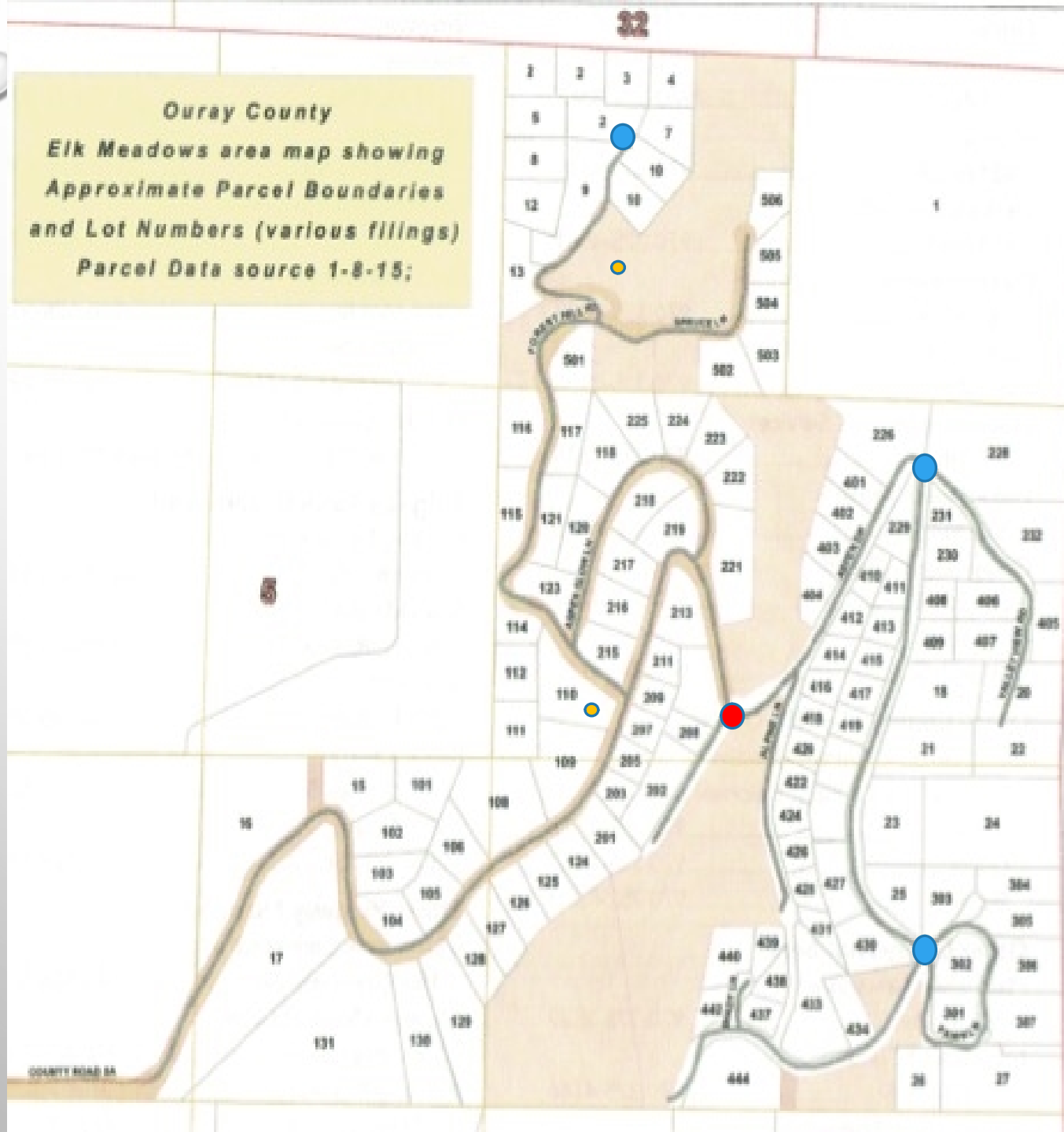
LOCATED AT ASPEN DR AND SAN JUAN LANE

- INCREASED NUMBER OF RESIDENCES IN LAST 10 YEARS
- MANY ARE 1 MILE OR MORE AWAY FROM THE ONLY HYDRANT

LOCATION CRITERIA FOR ADDITIONAL HYDRANTS

- ENOUGH WATER PRESSURE FROM EXISTING SYSTEM
- ENOUGH SPACE FOR FIRE FIGHTING EQUIPMENT TO NAVIGATE AROUND
- NEARER TO RESIDENCES WITH ARE FURTHEST AWAY FROM EXISTING HYDRANT
- **ADDITIONAL CONSIDERATIONS:**
 - CAN EM EXISTING PIPELINES HANDLE “FIRE FLOW”
 - ALTERNATE HYDRANT USE FOR FD-PUMP POOLS INSTEAD OF DIRECT HOOK UP

Ouray County
Elk Meadows area map showing
Approximate Parcel Boundaries
and Lot Numbers (various filings)
Parcel Data source 1-8-15;



3 new
hydrants

Existing
hydrant

Possible
tank?

THE INVESTIGATION

- ARE THERE STATE OR FEDERAL GRANTS WE COULD TAP?
 - NO
- WHAT ARE THE RISKS OF FIRE PUMPER COLLAPSING EM PIPES?
 - WORKING W/ FD ON THESE BEING NON-PUMPER TRUCK HYDRANTS- USE FILL POOLS INSTEAD
 - RISK/REWARD EVALUATION
- ARE THERE OTHER OPTIONS?
 - ANOTHER IN GROUND TANK NEARER MORE HOMES

WHAT WE'RE STILL LOOKING INTO

What are feasible options

20,000 gallon storage tank supplied by the wells

What's the best location

Cost to bury a tank and add additional pipes/pumps

Is Green space an option

What about an undeveloped lot as possible site w/ owner cooperation