Topic of Discussion For Hydrocarbon Potential in Kazakhstan

Introduction points:

Introduction of what I found from the reading:

1. Different locations around the basin might have similar tendencies of trapping oil
2. Seismic is a main source of information for this unknown basin, because it has not been drilled yet.
3. Pre-salting and post-salting is playing a role because of the trapping mechanism it plays within other locations of reservoirs
4. Lastly faulting playing a role in this make another type of trapping mechanism through the extensional and reverse faults

I put in location a genera point to make that other locations around the area has mass oil field s and this one could be grand as well, if given a chance

* Because of these reasons below.

Locations that are next to the undrilled location and their history:

1. North Caspian Sea- Information in this portion shows what made the basin the ay it is today, rifting, salt deposition, and collisions.
2. North Ustyurt Basin- Same concept of the North Caspian basin but the shape and type of basin is different as well as the creation period.

Seismic Information gave through to unknown that can be solved from the undrilled area:

* Salt structures were found
* Similarities became differences
* And sealing mechanisms were found much easier with the seismic data

Salting mechanisms; Pre-salting and post-salting:

1. Pre-salting- A common occurrence with other basins surrounding the area, as well as the unconformities salt deposits into
2. Post-salting- This one undermined because of the movement it goes through meaning when salt moves people wouldn’t think that this location would be a good place drill because there is no mechanism to hold the natural resources. While the accumulation of salt in one area can hold some good amount of salt.

Lastly Faulting (thrust faulting)

* More common faulting are extensional but thrust has become more common in surrounding areas,
* Other locations have shown success with drilling thrust faults. But in this unknown location there are thrust faults within the basin

Conclusion- Summarize and conclude that this basin can be a good location to drill