



**Mt Borah Ranch
Vocabulary and Comprehension Questions**

Name _____

Vocabulary: flume, deferred grazing,

1. What does the Smith family have to cope with, because they live in the shadow of Mount Borah?
2. Give one reason that Wiley likes ranching in Mackay?
3. How long is there growing season?
4. What was the shortest summer?
5. What did the earth quake make the Smiths change on their ranch?
6. Why is flood irrigation less efficient then sprinklers?

7. What type of grazing system do the Smiths use?

8. What does this system do?

9. Why did the Smiths build a calving shed?

10. What did Wiley go to college for? How has this helped him on the ranch?

Define the two vocabulary words & write a complete sentence using this word.

Flume:

Deferred Grazing:

Answers:

1. What does the Smith family have to cope with because they live in the shadow of Mount Borah?
Short growing season, constant threat of frost, full-on earthquakes, running out of water
2. Give one reason that Wiley likes ranching in Mackay?
He likes agriculture, being out in the open, no two days are the same, and it's a good place to raise a family
3. How long is there growing season?
Less than a month
4. What was the shortest summer?
8 nights in a row with no frost
5. What did the earth quake make them change?
Since the concrete flume was damaged, they replaced the it with sprinklers
6. Why is flood irrigation less efficient then sprinklers?
They have limited water, & flood irrigation waste a lot of water where sprinklers use just enough to water what is needed.
7. What type of grazing system do the Smiths use?
Deferred pasture grazing management system
8. What does this system do?
They rest land on a rotating basis.
9. Why did the Smiths build a calving shed?
It reaches well below 0 during the winter and the shed protects the cows and calves from the blizzards and freezing to death.
10. What did Wiley go to college for? How has this helped him on the ranch?
**He studied mechanics & took a carpentry class.
Studying this help because, they are 22 miles away from the nearest town and he can do most of the mechanical and carpentry work on the ranch.**

Define the two vocabulary words & write a complete sentence using this word.

Flume: a man-made channel for water. It is often called a ditch or trench. It can be dirt or cement.

The earthquake broke the cement flume on the Smith's ranch.

Deferred Grazing: Is the rotation of pastures. While one pasture is being grazed, the other is resting for the plants to grow. The rested pasture is not grazed until after seed-set.

The Smiths used deferred grazing on their public land allotments.