

MR 42-39

Cody Sulphur - 3 mi. West of Cody on U. S. 20.

An area of about 1/2 mi. in which sulfur is exposed in a number of pits. The pits vary in size from a few feet across to large stripped areas.

Sulfur occurs near the surface in the loose rock (soil), in lightly compacted gypsiferous rock, and in conglomerate. The sulfur beds vary in thickness from about a foot to more than 10 feet.

The larger, more extensive and thicker, beds of sulfur occur in a gravel or conglomerate. Here the sulfur is present in the loose rock between the pebbles (1/2" to 2" av.) of quartzite.

The origin of the sulfur is almost unquestionably hot spring. At the large dump near the highway and near the concrete foundation remains of a building - the ground has fissured and sulfurous fumes are at present being given off.

Opinion - there is still some sulfur at this property. It is very irregular in occurrence, however, being pockety and of varying thickness. Also, the most extensive and thickest beds contain sulfur only as interstitial material between pebbles - so that the percentage of sulfur in these beds is relatively less than that in the soil. The sulfur could, however, easily be separated from the pebbles.

This deposit could probably produce more sulfur if the market conditions were favorable. Probably a drilling program would be the best approach to further development - especially because of the irregular, pockety occurrence of the sulfur. This would not be expensive because the overburden is slight (2'-10' average) and the rock loosely-compacted. Test pits might even prove feasible as an exploratory program.

1 mi. this side of Fox Park turnoff.

1 1/4 mi. on dirt road.

Cody Sulphur

3 mi West of Cody on U.S. 20

An area of about  $\frac{1}{2}$  mi. in which sulphur is exposed in a number of places. The pits vary in size from a few feet across to large stripped areas.

Sulphur occurs near the surface in the loose rock (soil), in highly compacted porous rock, and in conglomerate. The sulphur beds vary in thickness from about 1 foot to more than 10 feet.

The larger, more extensive and thicker beds of sulphur occur in a gravel conglomerate. Here the sulphur is present in the loose rock between pebbles (2" to 2") of quartzite.

The origin of the sulphur is almost unquestionably hot spring. At the large dump near the highway and near the concrete foundation because of a building - the ground has formed and sulphurous fumes are at present being given off.

Opinion - There is still some sulphur at this property. It is very irregular in occurrence, however, being probably and of varying thickness. Also, the most extensive and thickest beds contain sulphur only as interstitial material between pebbles - so that the percentage of sulphur in these beds is relatively

<p>low than that in the soil. The surface could, however, easily be separated from the pebbles.</p>	<p>The deposit could probably produce more sugar if the market conditions were favorable.</p>	<p>Probably a drilling program would be the best approach to further development - especially because of the irregular, porous occurrence of the sugar. This would not be apparent because the residue is slight (2% sugar).</p>	<p>and, the rock is locally - compacted. To get might come from some feasible as a preliminary program.</p>	<p>but, the rest of 70% of the sugar 1 1/2% are on dirt etc.</p>			

Low...  
7/11/57