



### **MT. Taylor Mustangs, LLC**

## **Summary Report for January 1, 2021 – December 31, 2021, Sandoval County Project FY22-SCCS-04: Administration and Management of a Fertility Control Program for the Free-Roaming Horses in the Placitas Area**

Population Survey, Administration of Fertility Control, & Tracking & Monitoring of Treated Horses  
Findings from herd survey and tracking activities and immunocontraception treatment conducted during 2021 for the Placitas free-roaming horses show:

- 160 horses are roaming the community in 21 bands;
- 3 horses are reported by community members as new to the herd in 2021, 2 of which are confirmed to have been previously owned and then turned out by a community member;
- 17 mares and fillies received PZP primer treatments, and 85 booster treatments were given;
- 10 new foals were observed in 2021 as compared to 7 new foals in 2020 and the pre-treatment baseline of 23 new foals observed in 2019 by Mount Taylor personnel (estimates are that 26 or 27 foals were born in 2019, based on community reports of sightings of 3 or 4 additional foals that later disappeared and/or for which carcasses were found);

- a 57% reduction in reproduction in 2021 was achieved, as compared to the 2019 pre-treatment baseline for reproduction, using the most conservative 2019 number of 23 new foals;
- the 57% reduction in reproduction achieved in 2021 and the 70% reduction in reproduction achieved in 2020 inform the continued refining of PZP treatment based on the unique characteristics of this herd, resulting in a total of 102 PZP treatments being delivered in 2021 to address factors such as the elongated breeding cycle;
- the majority of horses observed throughout 2021 were in good to excellent body condition.

#### Consultation to the County, Public Presentations, and Associated Reports

- Provided regular project reviews to Anne Ryan, Director of Community Services;
- provided 4 quarterly updates for the Sandoval County website;
- updated the Herd Management Plan Working Draft, submitted draft II in February;
- provided approximately 40 contacts to community members.

Thank you for the opportunity to work with Sandoval County on behalf of the free roaming horses of Placitas and the Placitas community.



2-28-22

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Karen Herman, Mt. Taylor Mustangs

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Date