

**STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION**

**AMENDED APPLICATIONS OF
MATADOR PRODUCTION COMPANY
FOR COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO**

**CASE NOS. 16252
16253
16254
16255**

AFFIDAVIT OF CASSIE HAHN

STATE OF TEXAS)
)
COUNTY OF DALLAS)

Cassie Hahn, being first duly sworn on oath, states as follows:

1. My name is Cassie Hahn and I am employed by MRC Energy Company, an affiliate of Matador Production Company ("Matador"), in Dallas, Texas, as a Landman. I previously testified as an expert in petroleum land matters in Case Nos. 16252, 16253, 16254, and 16255.

2. Matador's amended applications requested force pooling of only a portion of the Bone Spring formation in each respective spacing unit due to a depth severance in the Bone Spring formation. That depth severance is defined in the instrument that created the depth severance as follows:

All depths below the top of the Third Bone Spring formation defined as the stratigraphic equivalent of 11,915 feet MD being the top of the Third Bone Spring formation shown in that certain Dual Laterolog of the Stevens 11 #1 well (API No. 30-025-34246) located in Section 11-24S-33E, Lea County, New Mexico.

3. In addition, after further review and consultation with our title attorneys, I have confirmed that there are no depth severances in the Bone Spring formation for any of the overriding royalty interests in the requested spacing units.

FURTHER AFFIANT SAYETH NOT.

Cassie Hahn

Cassie Hahn

SUBSCRIBED AND SWORN before me on this 23 day of October, 2018.

Jaime Grainger

Notary Public

My Commission Expires:

8-24-2021

