

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

**APPLICATION OF AVANT OPERATING, LLC  
FOR APPROVAL OF A NON-STANDARD UNIT,  
COMPULSORY POOLING, AND, TO THE  
EXTENT NECESSARY, APPROVAL OF AN  
OVERLAPPING SPACING UNIT,  
LEA COUNTY, NEW MEXICO.**

**CASE NO. \_\_\_\_\_**

**APPLICATION**

Avant Operating, LLC ("Avant"), OGRID Number 330396, through its undersigned attorneys, hereby files this application with the Oil Conservation Division ("Division") pursuant to the provisions of NMSA 1978, § 70-2-17, for an order (1) approving a non-standard unit, and (2) pooling all uncommitted mineral interests within a non-standard 642.24-acre, more or less, Bone Spring horizontal spacing unit comprised of the S/2 of Sections 29 and 30, Township 18 South, Range 32 East, N.M.P.M., Lea County, New Mexico. Avant also seeks, to the extent necessary, approval of an overlapping spacing unit. In support of this application, Avant states as follows:

1. Avant has an interest in the subject lands and has a right to drill and operate a well thereon.
2. Avant seeks approval of the 642.24-acre non-standard spacing as approval of this application will allow Avant to efficiently locate surface facilities, reduce surface disturbance, consolidate roads, tanks, and pipelines, and promote effective well spacing, which is consistent with Division rules. *See, e.g.*, Rule 19.15.16.7(P) NMAC; Rule 19.15.16.15(B)(8) NMAC; Rule 19.15.16.15(C)(7)(NMAC).
3. Avant seeks to dedicate the S/2 of Sections 29 and 30, Township 18 South, Range 32 East, N.M.P.M., Lea County, New Mexico to the following wells:

- a. **Dire Wolf 28 Fed Com #301H, Dire Wolf 28 Fed Com #302H, Dire Wolf 28 Fed Com #502H, Dire Wolf 28 Fed Com #601H, and Dire Wolf 28 Fed Com #602H** wells with a proposed surface hole location in the SE/4 SW/4 (Unit N) of Section 28, and a proposed last take point in the SW/4 SW/4 (Unit M) of Section 30; and
  - b. **Dire Wolf 28 Fed Com #303H, Dire Wolf 28 Fed Com #503H and Dire Wolf 28 Fed Com #603H** wells with a proposed surface hole location in the SE/4 SW/4 (Unit N) of Section 28, and a proposed last take point in the NW/4 SW/4 (Unit L) of Section 30.
4. The wells will be horizontally drilled, and the producing areas for the wells are expected to be orthodox.
5. The pool and pool code for the S/2 of Sections 29 and 30 is the LUSK;BONE SPRING, NORTH [41450] pool, which is an oil pool.
6. This proposed horizontal spacing unit will partially overlap with the following spacing units:
  - a. A 160-acre Bone Spring horizontal spacing unit comprised of the S/2 S/2 of Section 29, Township 18 South, Range 32 East, dedicated to Chevron U.S.A. Inc.'s Cross Bones 2-29 #001H well (API 30-025-40706);
  - b. A 160-acre Bone Spring horizontal spacing unit comprised of the N/2 S/2 of Section 29, Township 18 South, Range 32 East, dedicated to Chevron U.S.A. Inc.'s Cross Bones 1-29 #002H well (API 30-025-40711);

- c. A 80-acre Bone Spring horizontal spacing unit comprised of the E/2 SE/4 of Section 30, Township 18 South, Range 32 East, dedicated to RAYBAR Operating, LLC's Nana 30 Federal #001H well (API 30-025-39365);
- d. A 80-acre Bone Spring horizontal spacing unit comprised of the W/2 SE/4 of Section 30, Township 18 South, Range 32 East, dedicated to RAYBAR Operating, LLC's Nana 30 Federal #002H well (API 30-025-39579);
- e. A 40-acre Bone Spring vertical spacing unit comprised of the SE/4 SW/4 (Unit N) of Section 30, Township 18 South, Range 32 East, dedicated to Mewbourne Oil Company's Geronimo 30 Federal #002 well (API 30-025-37946);
- f. A 40-acre Bone Spring vertical spacing unit comprised of the NE/4 SW/4 (Unit K) of Section 30, Township 18 South, Range 32 East, dedicated to RAYBAR Operating, LLC's Nana 30 Federal #003 well (API 30-025-39580);
- g. A 40-acre Bone Spring vertical spacing unit comprised of the SW/4 SW/4 (Lot 4) of Section 30, Township 18 South, Range 32 East, dedicated to Mewbourne Oil Company's Geronimo 30 Federal Com #001 well (API 30-025-37623); and
- h. A 40-acre Bone Spring vertical spacing unit comprised of the NW/4 SW/4 (Unit L) of Section 30, Township 18 South, Range 32 East, dedicated to Mewbourne Oil Company's Geronimo 30 Federal #004 well (API 30-025-38182).

7. Avant sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

8. The pooling of all interests in the Bone Spring formation underlying the proposed unit and approving, to the extent necessary, the overlapping spacing unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

WHEREFORE, Avant requests this application be set for hearing before an Examiner of the Oil Conservation Division on September 12, 2024, and after notice and hearing as required by law, the Division enter its order:

- A. Approving the non-standard spacing unit;
- B. Pooling all uncommitted interests in the Wolfcamp formation underlying a horizontal spacing unit within the S/2 of Sections 29 and 30, Township 18 South, Range 32 East, N.M.P.M., Lea County, New Mexico;
- C. Approving, to the extent necessary, the proposed overlapping spacing unit;
- D. Designating Avant as operator of this unit and the wells to be drilled thereon;
- E. Authorizing Avant to recover its costs of drilling, equipping and completing the wells;
- F. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- G. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS  
& SISK, P.A.

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**CASE NO. \_\_\_\_\_: Application of Avant Operating, LLC for approval of a non-standard spacing unit, compulsory pooling and, to the extent necessary, approval of an overlapping spacing unit, Lea County, New Mexico.** Applicant seeks an order from the Division approving a non-standard spacing unit and pooling all uncommitted interests within a 642.24-acre, more or less, Bone Spring horizontal spacing unit comprised of the S/2 of Sections 29 and 30, Township 18 South, Range 32 East, N.M.P.M., Lea County, New Mexico. Avant also seeks, to the extent necessary, approval of an overlapping spacing unit. This spacing unit will be dedicated to the following wells: the **Dire Wolf 28 Fed Com #301H, Dire Wolf 28 Fed Com #302H, Dire Wolf 28 Fed Com #502H, Dire Wolf 28 Fed Com #601H, and Dire Wolf 28 Fed Com #602H** wells with a proposed surface hole location in the SE/4 SW/4 (Unit N) of Section 28, and a proposed last take point in the SW/4 SW/4 (Unit M) of Section 30; and the **Dire Wolf 28 Fed Com #303H, Dire Wolf 28 Fed Com #503H and Dire Wolf 28 Fed Com #603H** wells with a proposed surface hole location in the SE/4 SW/4 (Unit N) of Section 28, and a proposed last take point in the NW/4 SW/4 (Unit L) of Section 30. The wells will be drilled at orthodox locations. The pool and pool code for the S/2 of Sections 29 and 30 is the LUSK;BONE SPRING, NORTH [41450] pool, which is an oil pool. This proposed horizontal spacing unit will partially overlap with the following spacing units:

- A 160-acre Bone Spring horizontal spacing unit comprised of the S/2 S/2 of Section 29, Township 18 South, Range 32 East, dedicated to Chevron U.S.A. Inc.'s Cross Bones 2-29 #001H well (API 30-025-40706);
- A 160-acre Bone Spring horizontal spacing unit comprised of the N/2 S/2 of Section 29, Township 18 South, Range 32 East, dedicated to Chevron U.S.A. Inc.'s Cross Bones 1-29 #002H well (API 30-025-40711);
- A 80-acre Bone Spring horizontal spacing unit comprised of the E/2 SE/4 of Section 30, Township 18 South, Range 32 East, dedicated to RAYBAR Operating, LLC's Nana 30 Federal #001H well (API 30-025-39365);
- A 80-acre Bone Spring horizontal spacing unit comprised of the W/2 SE/4 of Section 30, Township 18 South, Range 32 East, dedicated to RAYBAR Operating, LLC's Nana 30 Federal #002H well (API 30-025-39579);
- A 40-acre Bone Spring vertical spacing unit comprised of the SE/4 SW/4 (Unit N) of Section 30, Township 18 South, Range 32 East, dedicated to Mewbourne Oil Company's Geronimo 30 Federal #002 well (API 30-025-37946);
- A 40-acre Bone Spring vertical spacing unit comprised of the NE/4 SW/4 (Unit K) of Section 30, Township 18 South, Range 32 East, dedicated to RAYBAR Operating, LLC's Nana 30 Federal #003 well (API 30-025-39580);
- A 40-acre Bone Spring vertical spacing unit comprised of the SW/4 SW/4 (Lot 4) of Section 30, Township 18 South, Range 32 East, dedicated to Mewbourne Oil Company's Geronimo 30 Federal Com #001 well (API 30-025-37623); and

- A 40-acre Bone Spring vertical spacing unit comprised of the NW/4 SW/4 (Unit L) of Section 30, Township 18 South, Range 32 East, dedicated to Mewbourne Oil Company's Geronimo 30 Federal #004 well (API 30-025-38182).

Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Avant Operating, LLC as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 10 miles north of Maljamar, New Mexico.