

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

**IN THE MATTER OF APPLICATION FOR
COMPULSORY POOLING SUBMITTED BY
AVANT OPERATING, LLC**

**CASE NO. 24254
ORDER NO. R-23615**

ORDER

The Director of the New Mexico Oil Conservation Division (“OCD”), having heard this matter through a Hearing Examiner on May 29, 2024, and after considering the testimony, evidence, and recommendation of the Hearing and Technical Examiners, issues the following Order.

FINDINGS OF FACT

1. Avant Operating, LLC (“Operator”) submitted an application (“Application”) to compulsory pool the uncommitted oil and gas interests within the spacing unit (“Unit”) described in Exhibit A. Operator seeks to be designated the operator of the Unit.
2. Operator will dedicate the well(s) described in Exhibit A (“Well(s)”) to the Unit.
3. Operator proposes the supervision and risk charges for the Well(s) described in Exhibit A.
4. Operator identified the owners of uncommitted interests in oil and gas minerals in the Unit and provided evidence that notice was given.
5. The Application was heard by the Hearing Examiner on the date specified above, during which Operator presented evidence through affidavits in support of the Application.
6. Apache Corporation submitted an application for compulsory pooling in case number 24141 that completed with the Application. On November 21, 2024, Apache Corporation requested that its application in case number 24141 be dismissed. Case number 24141 was dismissed in Order R-23563 on November 26, 2024.

CONCLUSIONS OF LAW

7. OCD has jurisdiction to issue this Order pursuant to NMSA 1978, Section 70-2-17.
8. Operator is the owner of an oil and gas working interest within the Unit.

9. Operator satisfied the notice requirements for the Application and the hearing as required by 19.15.4.12 NMAC.
10. OCD satisfied the notice requirements for the hearing as required by 19.15.4.9 NMAC.
11. Operator has the right to drill the Well(s) to a common source of supply at the depth(s) and location(s) in the Unit described in Exhibit A.
12. The Unit contains separately owned uncommitted interests in oil and gas minerals.
13. Some of the owners of the uncommitted interests have not agreed to commit their interests to the Unit.
14. The pooling of uncommitted interests in the Unit will prevent waste and protect correlative rights, including the drilling of unnecessary wells.
15. This Order affords to the owner of an uncommitted interest the opportunity to produce his just and equitable share of the oil or gas in the pool.

ORDER

16. The Unit is approved as a non-standard horizontal spacing unit.
17. Operator shall file Forms C-102 reflecting the correct acreage dedicated for each of the Wells.
18. The uncommitted interests in the Unit are pooled as set forth in Exhibit A.
19. The Unit shall be dedicated to the Well(s) set forth in Exhibit A.
20. Operator is designated as operator of the Unit and the Well(s).
21. If the location of a well will be unorthodox under the spacing rules in effect at the time of completion, Operator shall obtain the OCD's approval for a non-standard location in accordance with 19.15.16.15(C) NMAC.
22. If the Unit is a non-standard horizontal spacing unit which has not been approved under this Order, Operator shall obtain the OCD's approval for a non-standard horizontal spacing unit in accordance with 19.15.16.15(B)(5) NMAC.
23. The Operator shall commence drilling the Well(s) within one year after the date of this Order, and complete each Well no later than one (1) year after the commencement of drilling the Well.
24. This Order shall terminate automatically if the Operator fails to comply with the preceding paragraph unless the Operator requests an extension by notifying the

OCD and all parties that required notice of the original compulsory pooling application in accordance with 19.15.4.12.B and 19.15.4.12.C NMAC. Upon no objection after twenty (20) days the extension is automatically granted up to one year. If a protest is received the extension is not granted and the Operator must set the case for a hearing.

25. Operator may propose reasonable deviations from the development plan via notice to the OCD and all parties that required notice of the original compulsory pooling application in accordance with 19.15.4.12.B and 19.15.4.12.C NMAC. Upon no objection after twenty (20) days the deviation is automatically granted. If a protest is received the deviation is not granted and the Operator must set the case for a hearing.
26. The infill well requirements in 19.15.13.9 NMAC through 19.15.13.12 NMAC shall be applicable.
27. Operator shall submit each owner of an uncommitted working interest in the pool ("Pooled Working Interest") an itemized schedule of estimated costs to drill, complete, and equip the well ("Estimated Well Costs").
28. No later than thirty (30) days after Operator submits the Estimated Well Costs, the owner of a Pooled Working Interest shall elect whether to pay its share of the Estimated Well Costs or its share of the actual costs to drill, complete and equip the well ("Actual Well Costs") out of production from the well. An owner of a Pooled Working Interest who elects to pay its share of the Estimated Well Costs shall render payment to Operator no later than thirty (30) days after the expiration of the election period, and shall be liable for operating costs, but not risk charges, for the well. An owner of a Pooled Working Interest who fails to pay its share of the Estimated Well Costs or who elects to pay its share of the Actual Well Costs out of production from the well shall be considered to be a "Non-Consenting Pooled Working Interest."
29. No later than one hundred eighty (180) days after Operator submits a Form C-105 for a well, Operator shall submit to each owner of a Pooled Working Interest an itemized schedule of the Actual Well Costs. The Actual Well Costs shall be considered to be the Reasonable Well Costs unless an owner of a Pooled Working Interest files a written objection no later than forty-five (45) days after receipt of the schedule. If an owner of a Pooled Working Interest files a timely written objection, OCD shall determine the Reasonable Well Costs after public notice and hearing.
30. No later than sixty (60) days after the expiration of the period to file a written objection to the Actual Well Costs or OCD's order determining the Reasonable Well Costs, whichever is later, each owner of a Pooled Working Interest who paid its share of the Estimated Well Costs shall pay to Operator its share of the Reasonable Well Costs that exceed the Estimated Well Costs, or Operator shall pay to each owner of a Pooled Working Interest who paid its share of the Estimated

Well Costs its share of the Estimated Well Costs that exceed the Reasonable Well Costs.

31. The reasonable charges for supervision to drill and produce a well ("Supervision Charges") shall not exceed the rates specified in Exhibit A, provided however that the rates shall be adjusted annually pursuant to the COPAS form entitled "Accounting Procedure-Joint Operations."
32. No later than within ninety (90) days after Operator submits a Form C-105 for a well, Operator shall submit to each owner of a Pooled Working Interest an itemized schedule of the reasonable charges for operating and maintaining the well ("Operating Charges"), provided however that Operating Charges shall not include the Reasonable Well Costs or Supervision Charges. The Operating Charges shall be considered final unless an owner of a Pooled Working Interest files a written objection no later than forty-five (45) days after receipt of the schedule. If an owner of a Pooled Working Interest files a timely written objection, OCD shall determine the Operating Charges after public notice and hearing.
33. Operator may withhold the following costs and charges from the share of production due to each owner of a Pooled Working Interest who paid its share of the Estimated Well Costs: (a) the proportionate share of the Supervision Charges; and (b) the proportionate share of the Operating Charges.
34. Operator may withhold the following costs and charges from the share of production due to each owner of a Non-Consenting Pooled Working Interest: (a) the proportionate share of the Reasonable Well Costs; (b) the proportionate share of the Supervision and Operating Charges; and (c) the percentage of the Reasonable Well Costs specified as the charge for risk described in Exhibit A.
35. Operator shall distribute a proportionate share of the costs and charges withheld pursuant to the preceding paragraph to each Pooled Working Interest that paid its share of the Estimated Well Costs.
36. Each year on the anniversary of this Order, and no later than ninety (90) days after each payout, Operator shall provide to each owner of a Non-Consenting Pooled Working Interest a schedule of the revenue attributable to a well and the Supervision and Operating Costs charged against that revenue.
37. Any cost or charge that is paid out of production shall be withheld only from the share due to an owner of a Pooled Working Interest. No cost or charge shall be withheld from the share due to an owner of a royalty interests. For the purpose of this Order, an unleased mineral interest shall consist of a seven-eighths (7/8) working interest and a one-eighth (1/8) royalty interest.
38. Except as provided above, Operator shall hold the revenue attributable to a well that is not disbursed for any reason for the account of the person(s) entitled to the revenue as provided in the Oil and Gas Proceeds Payment Act, NMSA 1978,

Sections 70-10-1 *et seq.*, and relinquish such revenue as provided in the Uniform Unclaimed Property Act, NMSA 1978, Sections 7-8A-1 *et seq.*

39. The Unit shall terminate if (a) the owners of all Pooled Working Interests reach a voluntary agreement; or (b) the well(s) drilled on the Unit are plugged and abandoned in accordance with the applicable rules. Operator shall inform OCD no later than thirty (30) days after such occurrence.
40. OCD retains jurisdiction of this matter for the entry of such orders as may be deemed necessary.

**STATE OF NEW MEXICO
OIL CONSERVATION DIVISION**



GERASIMOS RAZATOS
DIRECTOR (Acting)
GR/dm

Date: 12/24/2024

R-23615 EXHIBIT A

COMPULSORY POOLING APPLICATION CHECKLIST	
ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS	
Case: 24254	APPLICANT'S RESPONSE
Date	May 29, 2024
Applicant	Avant Operating, LLC
Designated Operator & OGRID (affiliation if applicable)	330396
Applicant's Counsel:	Hinkle Shanor LLP
Case Title:	Application of Avant Operating, LLC for Compulsory Pooling and Approval of Non-Standard Spacing Unit, Lea County, New Mexico.
Entries of Appearance/Intervenors:	Apache Corporation; Northern Oil & Gas
Well Family	Grayling 14 Fed Com
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring Formation
Pool Name and Pool Code (Only if NSP is requested):	Lusk; Bone Spring, East (Code 41442)
Well Location Setback Rules (Only if NSP is Requested):	Statewide
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	1,280 acres
Building Blocks:	quarter-quarter
Orientation:	South to North
Description: TRS/County	Sections 11 and 14, Township 19 South, Range 32 East, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	No, Avant requests approval of a non-standard spacing unit in this application.
Other Situations	
Depth Severance: Y/N. If yes, description	No.
Proximity Tracts: If yes, description	No.
Proximity Defining Well: if yes, description	N/A
Applicant's Ownership in Each Tract	Exhibits A-14, A-15
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Grayling 14 Fed Com #301H (API # pending) SHL: 466' FSL & 320' FWL (Unit M), Section 14, T19S-R32E BHL: 100' FNL & 330' FWL (Unit D), Section 11, T19S-R32E Completion Target: Bone Spring (Approx. 8,550' TVD)
Well #2	Grayling 14 Fed Com #302H (API # pending) SHL: 985' FSL & 2080' FWL (Unit N), Section 14, T19S-R32E BHL: 100' FNL & 1254' FWL (Unit D), Section 11, T19S-R32E Completion Target: Bone Spring (Approx. 8,550' TVD)
Well #3	Grayling 14 Fed Com #303H (API # pending) SHL: 985' FSL & 2100' FWL (Unit N), Section 14, T19S-R32E BHL: 100' FNL & 2178' FWL (Unit C), Section 11, T19S-R32E Completion Target: Bone Spring (Approx. 8,550' TVD)
Well #4	Grayling 14 Fed Com #304H (API # pending) SHL: 1025' FSL & 1359' FEL (Unit O), Section 14, T19S-R32E BHL: 100' FNL & 2178' FEL (Unit B), Section 11, T19S-R32E Completion Target: Bone Spring (Approx. 8,550' TVD)

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Well #5	Grayling 14 Fed Com #305H (API # pending) SHL: 1009' FSL & 1347' FEL (Unit O), Section 14, T19S-R32E BHL: 100' FNL & 1254' FEL (Unit A), Section 11, T19S-R32E Completion Target: Bone Spring (Approx. 8,550' TVD)
Well #6	Grayling 14 Fed Com #306H (API # pending) SHL: 994' FSL & 1334' FEL (Unit O), Section 14, T19S-R32E BHL: 100' FNL & 330' FEL (Unit A), Section 11, T19S-R32E Completion Target: Bone Spring (Approx. 8,550' TVD)
Well #7	Grayling 14 Fed Com #501H (API # pending) SHL: 466' FSL & 340' FWL (Unit M), Section 14, T19S-R32E BHL: 100' FNL & 330' FWL (Unit D), Section 11, T19S-R32E Completion Target: Bone Spring (Approx. 9,500' TVD)
Well #8	Grayling 14 Fed Com #502H (API # pending) SHL: 835' FSL & 2079' FWL (Unit N), Section 14, T19S-R32E BHL: 100' FNL & 1254' FWL (Unit D), Section 11, T19S-R32E Completion Target: Bone Spring (Approx. 9,500' TVD)
Well #9	Grayling 14 Fed Com #503H (API # pending) SHL: 835' FSL & 2099' FWL (Unit N), Section 14, T19S-R32E BHL: 100' FNL & 2178' FWL (Unit C), Section 11, T19S-R32E Completion Target: Bone Spring (Approx. 9,500' TVD)
Well #10	Grayling 14 Fed Com #504H (API # pending) SHL: 929' FSL & 1476' FEL (Unit O), Section 14, T19S-R32E BHL: 100' FNL & 2178' FEL (Unit B), Section 11, T19S-R32E Completion Target: Bone Spring (Approx. 9,500' TVD)
Well #11	Grayling 14 Fed Com #505H (API # pending) SHL: 914' FSL & 1463' FEL (Unit O), Section 14, T19S-R32E BHL: 100' FNL & 1254' FEL (Unit A), Section 11, T19S-R32E Completion Target: Bone Spring (Approx. 9,500' TVD)
Well #12	Grayling 14 Fed Com #506H (API # pending) SHL: 898' FSL & 1450' FEL (Unit O), Section 14, T19S-R32E BHL: 100' FNL & 330' FEL (Unit A), Section 11, T19S-R32E Completion Target: Bone Spring (Approx. 9,500' TVD)
Well #13	Grayling 14 Fed Com #601H (API # pending) SHL: 466' FSL & 360' FWL (Unit M), Section 14, T19S-R32E BHL: 100' FNL & 330' FWL (Unit D), Section 11, T19S-R32E Completion Target: Bone Spring (Approx. 10,450' TVD)
Well #14	Grayling 14 Fed Com #602H (API # pending) SHL: 685' FSL & 2078' FWL (Unit N), Section 14, T19S-R32E BHL: 100' FNL & 1254' FWL (Unit D), Section 11, T19S-R32E Completion Target: Bone Spring (Approx. 10,450' TVD)
Well #15	Grayling 14 Fed Com #603H (API # pending) SHL: 685' FSL & 2098' FWL (Unit N), Section 14, T19S-R32E BHL: 100' FNL & 2178' FWL (Unit C), Section 11, T19S-R32E Completion Target: Bone Spring (Approx. 10,450' TVD)
Well #16	Grayling 14 Fed Com #604H (API # pending) SHL: 833' FSL & 1592' FEL (Unit O), Section 14, T19S-R32E BHL: 100' FNL & 2178' FEL (Unit B), Section 11, T19S-R32E Completion Target: Bone Spring (Approx. 10,450' TVD)
Well #17	Grayling 14 Fed Com #605H (API # pending) SHL: 818' FSL & 1579' FEL (Unit O), Section 14, T19S-R32E BHL: 100' FNL & 1254' FEL (Unit A), Section 11, T19S-R32E Completion Target: Bone Spring (Approx. 10,450' TVD)
Well #18	Grayling 14 Fed Com #606H (API # pending) SHL: 803' FSL & 1567' FEL (Unit O), Section 14, T19S-R32E BHL: 100' FNL & 330' FEL (Unit A), Section 11, T19S-R32E Completion Target: Bone Spring (Approx. 10,450' TVD)

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AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	Exhibit A-24
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A-2
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibits D-1, D-2, D-3
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit D-4
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibits A-17, A-18
Tract List (including lease numbers and owners)	Exhibits A-17, A-18
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	Exhibit A-21
Pooled Parties (including ownership type)	Exhibits A-18, A-19
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit A-24
List of Interest Owners (ie Exhibit A of JOA)	Exhibits A-17, A-18, A-19
Chronology of Contact with Non-Joined Working Interests	Exhibits A-23, A-25
Overhead Rates In Proposal Letter	Exhibit A-24
Cost Estimate to Drill and Complete	Exhibit A-24
Cost Estimate to Equip Well	Exhibit A-24
Cost Estimate for Production Facilities	Exhibit A-24
Geology	
Summary (including special considerations)	Exhibit C
Spacing Unit Schematic	Exhibit B-2
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-4
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
HSU Cross Section	Exhibits B-6, B-10, B-14
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-10
Tracts	Exhibits A-14, A-15
Summary of Interests, Unit Recapitulation (Tracts)	Exhibits A-17, A-18
General Location Map (including basin)	Exhibit B-2
Well Bore Location Map	Exhibits B-8, B-12, B-16
Structure Contour Map - Subsea Depth	Exhibits B-8, B-12, B-16
Cross Section Location Map (including wells)	Exhibit B-4
Cross Section (including Landing Zone)	Exhibits B-6, B-10, B-14
Additional Information	
Special Provisions/Stipulations	N/A
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Dana S. Hardy
Signed Name (Attorney or Party Representative):	/s/ Dana S. Hardy
Date:	5/22/2024