

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

**IN THE MATTER OF APPLICATION FOR
COMPULSORY POOLING SUBMITTED BY
MARATHON OIL PERMIAN LLC**

**CASE NO. 21030
ORDER NO. R-21141**

ORDER

The Director of the New Mexico Oil Conservation Division (“OCD”), having heard this matter through a Hearing Examiner on February 6, 2020, and after considering the testimony, evidence, and recommendation of the Hearing Examiner, issues the following Order.

FINDINGS OF FACT

1. Marathon Oil Permian LLC (“Operator”) submitted an application (“Application”) to compulsory pool the uncommitted oil and gas interests within the spacing unit (“Unit”) described in Exhibit A. The Unit is expected to be a standard horizontal spacing unit. 19.15.16.15(B) NMAC. 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. No other party presented evidence at the hearing.

CONCLUSIONS OF LAW

6. OCD has jurisdiction to issue this Order pursuant to NMSA 1978, Section 70-2-17.
7. Operator is the owner of an oil and gas working interest within the Unit.
8. Operator satisfied the notice requirements for the Application and the hearing as required by 19.15.4.12 NMAC.
9. OCD satisfied the notice requirements for the hearing as required by 19.15.4.9 NMAC.
10. Operator has the right to drill the Well(s) to a common source of supply at the described depth(s) and location(s) in the Unit.
11. The Unit contains separately owned uncommitted interests in oil and gas minerals.
12. Some of the owners of the uncommitted interests have not agreed to commit their interests to the Unit.
13. The pooling of uncommitted interests in the Unit will prevent waste and protect correlative rights, including the drilling of unnecessary wells.
14. 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

15. The uncommitted interests in the Unit are pooled as set forth in Exhibit A.
16. The Unit shall be dedicated to the Well(s) set forth in Exhibit A.
17. Operator is designated as operator of the Unit and the Well(s).
18. If the Surface Location or Bottom Hole Location of a well is changed from the location described in Exhibit A, Operator shall submit an amended Exhibit A, which the Division shall append to this Order.
19. 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 before commencing production of the well.

20. The Operator shall commence drilling the initial well within one (1) year after the date of this Order; and (b) for an infill well, no later than thirty (30) days after completion of the well.
21. Operator shall comply with the infill well requirements in 19.15.13.9 NMAC through 19.15.13.12 NMAC.
22. This Order shall terminate automatically if Operator fails to comply with Paragraphs 20 or 21.
23. Operator shall submit to OCD and each owner of a working interest in the pool ("Pooled Working Interest") an itemized schedule of estimated costs to drill, complete, and equip the well ("Estimated Well Costs") no later than: (a) for an initial well, no later than thirty (30) days after the date of this Order; (b) for an infill well proposed by Operator, no later than (30) days after the later of the initial notice period pursuant to 19.15.13.10(B) NMAC or the extension granted by the OCD Director pursuant 19.15.13.10(D) NMAC; or (c) for an infill well proposed by an owner of a Pooled Working Interest, no later than thirty (30) days after expiration of the last action required by 19.15.13.11 NMAC.
24. 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."
25. No later than within one hundred eighty (180) days after Operator submits a Form C-105 for a well, Operator shall submit to OCD and 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 OCD or an owner of a Pooled Working Interest files a written objection no later than forty-five (45) days after receipt of the schedule. If OCD or an owner of a Pooled Working Interest files a timely written objection, OCD shall determine the Reasonable Well Costs after public notice and hearing.
26. No later than sixty (60) days after the later of the expiration of the period to file a written objection to the Actual Well Costs or OCD's order determining the Reasonable Well Costs, 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

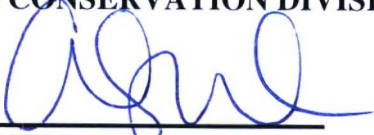
Costs that exceed the Estimated Well Costs, or Operator shall pay to each owner of a Pooled Working Interest who paid its share of the Estimated Well Costs its share of the Estimated Well Costs that exceed the Reasonable Well Costs.

27. 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."
28. No later than within ninety (90) days after Operator submits a Form C-105 for a well, Operator shall submit to OCD and 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 OCD or an owner of a Pooled Working Interest files a written objection no later than forty-five (45) days after receipt of the schedule. If OCD or an owner of a Pooled Working Interest files a timely written objection, OCD shall determine the Operating Charges after public notice and hearing.
29. 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.
30. 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.
31. Each year on the anniversary of this Order, and no later than ninety (90) days after each payout, Operator shall provide to OCD and 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.
32. 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.
33. 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.*

34. 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.
35. OCD retains jurisdiction of this matter for the entry of such orders as may be deemed necessary.

**STATE OF NEW MEXICO
OIL CONSERVATION DIVISION**



**ADRIENNE SANDOVAL
DIRECTOR**

AS/kms

Date: February 21, 2020



Exhibit A

COMPULSORY POOLING APPLICATION CHECKLIST (pdf)	
ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS	
Case: 21030	APPLICANT'S RESPONSE
Date: February 5, 2020	
Applicant:	Marathon Oil Permian LLC
Designated Operator & OGRID (if applicable):	Marathon Oil Permian LLC (372098)
Applicant's Counsel:	Deana M. Bennett/Modrall Spering
Case Title:	Application of Marathon Oil Permian LLC for Compulsory Pooling, Eddy County, New Mexico
Entries of Appearance/intervenor:	EOG Resources, Inc.
Well Family	Rick Vaughn
Formation/Pool	
Formation Name(s) or Vertical Extent:	Wolfcamp
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Wolfcamp
Pool Name and Pool Code:	Purple Sage; Wolfcamp Gas (Pool code 98220)
Well Location Setback Rules:	Special Rules for the Purple Sage Gas Pool Apply
Spacing Unit Size:	640 acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	640 acres
Building Blocks:	320 acres
Orientation:	N/S
Description: TRS/County	W 2 of Sections 4 and 7, Township 26 South, Range 29 East, NMDP, Eddy County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Y
Other Situations	
Depth Severance: Y/N. If yes, description	N
Proximity Tracts: If yes, description	N
Proximity Defining Well: if yes, description	
Applicant's Ownership in Each Tract	Exhibit 3, p. 18
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add as needed
Well #1	Rick Vaughn 7 WA Fed Com 1H : API Pending Proposed SHL: 270' FSL and 1410' FWL (Unit N), Section 7, Township 26 South, Range 29 East. Proposed BHL: 100' FNL and 2310' FWL (Unit C), Section 6, Township 26 South, Range 29 East. Proposed FTP: 2310' FWL x 100' FSL of Section 7-T26S-R29E. Proposed LTP: 2310' FWL x 100' FNL of Section 6-T26S-R29E. Formation: Wolfcamp Approximate TVD: 9,745' Approximate TMD: 19,967' Well Orientation: South to North Completion Status: Expected to be non-standard. See also C-102 Exhibit 2, p. 10, and proposal letter, Exhibit 4, p. 21
Well #2	Rick Vaughn 7 WB Fed Com 5H : API Pending Proposed SHL: 270' FSL and 1380' FWL (Unit N), Section 7, Township 26 South, Range 29 East. Proposed BHL: 100' FNL and 1980' FWL (Unit C), Section 6, Township 26 South, Range 29 East. Proposed FTP: 1980' FWL x 100' FSL of Section 7-T26S-R29E. Proposed LTP: 1980' FWL x 100' FNL of Section 6-T26S-R29E. Formation: Wolfcamp Approximate TVD: 9,745' Approximate TMD: 20,092' Well Orientation: South to North Completion Status: Expected to be non-standard. See also C-102 Exhibit 2, p. 11, and proposal letter, Exhibit 4, p. 21

Well #3	<p>Rick Vaughn 7 WA Fed Com 6H: API Pending Proposed SHL: 270' FSL and 1350' FWL (Unit N), Section 7, Township 26 South, Range 29 East. Proposed BHL: 100' FNL and 1650' FWL (Unit C), Section 6, Township 26 South, Range 29 East. Proposed FTP: 1650' FWL x 100' FSL of Section 7-T26S-R29E. Proposed LTP: 1650' FWL x 100' FNL of Section 6-T26S-R29E. Formation: Wolfcamp Approximate TVD: 9,745' Approximate TMD: 19,917' Well Orientation: South to North Completion Status: Expected to be non-standard. See also C-102 Exhibit 2, p. 12, and proposal letter, Exhibit 4, p. 21</p>
Well #4	<p>Rick Vaughn 7 WB Fed Com 8H: API Pending Proposed SHL: 270' FSL and 1320' FWL (Unit N), Section 7, Township 26 South, Range 29 East. Proposed BHL: 100' FNL and 1320' FWL (Lot 1), Section 6, Township 26 South, Range 29 East. Proposed FTP: 1320' FWL x 100' FSL of Section 7-T26S-R29E. Proposed LTP: 1320' FWL x 100' FNL of Section 6-T26S-R29E. Formation: Wolfcamp Approximate TVD: 9,900' Approximate TMD: 20,060' Well Orientation: South to North Completion Status: Expected to be non-standard. See also C-102 Exhibit 2, p. 13, and proposal letter, Exhibit 4, p. 21</p>
Well #5	<p>Rick Vaughn 7 WA Fed Com 9H: API Pending Proposed SHL: 270' FSL and 1290' FWL (Lot 4), Section 7, Township 26 South, Range 29 East. Proposed BHL: 100' FNL and 900' FWL (Lot 1), Section 6, Township 26 South, Range 29 East. Proposed FTP: 990' FWL x 100' FSL of Section 7-T26S-R29E. Proposed LTP: 990' FWL x 100' FNL of Section 6-T26S-R29E. Formation: Wolfcamp Approximate TVD: 9,725' Approximate TMD: 19,885' Well Orientation: South to North Completion Status: Expected to be non-standard. See also C-102 Exhibit 2, p. 14, and proposal letter, Exhibit 4, p. 21-22</p>
Well #6	<p>Rick Vaughn 7 WA Fed Com 13H: API Pending Proposed SHL: 270' FSL and 1260' FWL (Lot 4), Section 7, Township 26 South, Range 29 East. Proposed BHL: 100' FNL and 660' FWL (Lot 1), Section 6, Township 26 South, Range 29 East. Proposed FTP: 660' FWL x 100' FSL of Section 7-T26S-R29E. Proposed LTP: 660' FWL x 100' FNL of Section 6-T26S-R29E. Formation: Wolfcamp Approximate TVD: 9,880' Approximate TMD: 20,050' Well Orientation: South to North Completion Status: Expected to be non-standard. See also C-102 Exhibit 2, p. 15, and proposal letter, Exhibit 4, p. 22</p>
Well #7	<p>Rick Vaughn 7 WA Fed Com 14H: API Pending Proposed SHL: 270' FSL and 1230' FWL (Lot 4), Section 7, Township 26 South, Range 29 East. Proposed BHL: 100' FNL and 330' FWL (Lot 1), Section 6, Township 26 South, Range 29 East. Proposed FTP: 330' FWL x 100' FSL of Section 7-T26S-R29E. Proposed LTP: 330' FWL x 100' FNL of Section 6-T26S-R29E. Formation: Wolfcamp Approximate TVD: 9,725' Approximate TMD: 19,915' Well Orientation: South to North Completion Status: Expected to be non-standard. See also C-102 Exhibit 2, p. 16, and proposal letter, Exhibit 4, p. 22</p>
Horizontal Well First and Last Take Points	See above discussion for each well.
Completion Target (Formation, TVD and MD)	See above discussion for each well.

APE Capex and Operating Costs	
Drilling Supervision/Month \$	Exhibit A, p. 3
Production Supervision/Month \$	Exhibit A, p. 3
Justification for Supervision Costs	Exhibit A, p. 3
Requested Risk Charge	Exhibit A, p. 3
Notice of Hearing	
Proposed Notice of Hearing	Exhibit 6
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit 6, p. 38 and 47
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit 6, p. 38 and 48
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit 3, p. 17.
Tract List (including lease numbers and owners)	Exhibit 3, p. 17-18.
Pooled Parties (including ownership type)	Exhibit 3, p. 18-19
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit 4, p. 21-22
List of Interest Owners (ie Exhibit A of JOA)	Exhibit 3, p. 17-18.
Chronology of Contact with Non-Joined Working Interests	Exhibit 3, p. 20
Overhead Rates In Proposal Letter	N/A
Cost Estimate to Drill and Complete	Exhibit 5, pp. 24-37
Cost Estimate to Equip Well	Exhibit 5, pp. 24-37
Cost Estimate for Production Facilities	Exhibit 5, pp. 24-37
Geology	
Summary (including special considerations)	Exhibit 8, pp. 49-51
Spacing Unit Schematic	Exhibit 9-A, p. 55
Gunbarrel/Lateral Trajectory Schematic	Exhibit 8, p. 54
Well Orientation (with rationale)	Exhibit 10, p. 59
Target Formation	Exhibit 9-C, p. 57
HSU Cross Section	Exhibit 9-C, p. 57
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit 2, pp. 10-16
Tracts	Exhibit 3, p. 17
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit 3, p. 18
General Location Map (including basin)	Exhibit 7, p. 53
Well Bore Location Map	Exhibit 7, p. 53
Structure Contour Map - Subsea Depth	Exhibit 9-A, p. 55
Cross Section Location Map (including wells)	Exhibit 9-B, p. 56
Cross Section (including Landing Zone)	Exhibit 9-C, p. 57
Additional Information	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Deanne H. Bennett
Signed Name (Attorney or Party Representative):	Deanne H. Bennett
Date:	2/5/2020