

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

**APPLICATION OF MARATHON OIL PERMIAN  
LLC FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.**

**CASE NO. 23723**

**NOTICE OF FILING REVISED EXHIBIT**

Marathon Oil Permian LLC ("Marathon") provides notice that it is submitting a revised Exhibit A (Compulsory Pooling Checklist) and requests that the attached Exhibit A be substituted for the Exhibit A previously filed. As discussed at the September 7, 2023 Examiner Hearing, the previously filed Compulsory Pooling Checklist inadvertently did not include the pool and pool code. That inadvertent error is corrected in the attached Exhibit A.

Respectfully submitted,

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

By: Deana M. Bennett

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**COMPULSORY POOLING APPLICATION CHECKLIST****ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS**

<b>Case: 23723</b>	<b>APPLICANT'S RESPONSE</b>
<b>Date: September 7, 2023</b>	
Applicant	Marathon Oil Permian LLC
Designated Operator & OGRID (affiliation if applicable)	Marathon Oil Permian LLC OGRID 372098
Applicant's Counsel:	Modrall Sperling
Case Title:	APPLICATION OF MARATHON OIL PERMIAN LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.
Entries of Appearance/Intervenors:	
Well Family	Hefeweizen
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring
Pool Name and Pool Code:	Lea; Bone Spring (37570)
Well Location Setback Rules:	Statewide Rules
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320
Building Blocks:	40 (Note: OCD pool code spreadsheet states that this pool has 80-acre building blocks, which is likely superceded by statewide rules. In any event, even with 80-acre building blocks, unit is standard.)
Orientation:	North South
Description: TRS/County	W/2E/2 of Sections 30 and 31, Township 19 South, Range 35 East, NMPM, Lea County, New Mexico.
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Y.
<b>Other Situations</b>	
Depth Severance: Y/N. If yes, description	N
Proximity Tracts: If yes, description	N
Proximity Defining Well: if yes, description	N/A
Applicant's Ownership in Each Tract	See Exhibit B-3.
<b>Well(s)</b>	
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: Hefeweizen State Com 501H	SHL: 246' FNL & 1333' FEL, Section 30, T-19-S R-35-E FTP: 100' FNL & 1980' FEL Section 30, T-19-S R-35-E BHL: 100' FSL & 1980' FEL Section 31, T-19-S R-35-E Orientation: North South Completion Target: Bone Spring Completion Status: Standard TVD: 10400', MVD: 20650'
Horizontal Well First and Last Take Points	See above cells and Exhibit B-2 (C-102s)

Completion Target (Formation, TVD and MD)	See above cells and Exhibit B-5 (proposal letter)
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	See Exhibit B Paragraph 24
Requested Risk Charge	200%
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit B-7
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit B-7
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit B-7
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit B-3
Tract List (including lease numbers and owners)	Exhibit B-3
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to	N/A
Pooled Parties (including ownership type)	Exhibit B-3
Unlocatable Parties to be Pooled	Exhibit B-3
Ownership Depth Severance (including percentage above & below)	NA
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit B-5
List of Interest Owners (ie Exhibit A of JOA)	Exhibit B-3
Chronology of Contact with Non-Joined Working Interests	Exhibit B-4
Overhead Rates In Proposal Letter	Exhibit B-5
Cost Estimate to Drill and Complete	Exhibit B-6
Cost Estimate to Equip Well	Exhibit B-6
Cost Estimate for Production Facilities	Exhibit B-6
<b>Geology</b>	
Summary (including special considerations)	Exhibit C
Spacing Unit Schematic	Exhibit C-2
Gunbarrel/Lateral Trajectory Schematic	Exhibit C-2
Well Orientation (with rationale)	Exhibit C-7
Target Formation	Exhibits C-3 to C-6
HSU Cross Section	Exhibit C-5
Depth Severance Discussion	NA
<b>Forms, Figures and Tables</b>	
C-102	Exhibit B-2
Tracts	Exhibit B-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit B-3
General Location Map (including basin)	Exhibit C-1
Well Bore Location Map	Exhibit C-3
Structure Contour Map - Subsea Depth	Exhibit C-3
Cross Section Location Map (including wells)	Exhibit C-4
Cross Section (including Landing Zone)	Exhibit C-5
Revised to Imaging	Exhibit A (revised)

Special Provisions/Stipulations	NA
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>	
Printed Name (Attorney or Party Representative):	Deana M. Bennett
Signed Name (Attorney or Party Representative):	<u>Deana M. Bennett</u>
Date:	7-Sep-23