

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

**APPLICATIONS OF CIMAREX ENERGY CO.
FOR A HORIZONTAL SPACING UNIT
AND COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO**

CASE NOS. 23448-23455

**APPLICATIONS OF CIMAREX ENERGY CO.
FOR COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO**

CASE NOS. 23594-23601

**APPLICATIONS OF READ & STEVENS, INC.
FOR COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.**

CASE NOS. 23508-23523

NOTICE OF REVISED EXHIBIT B

Pursuant to the testimony provided at the contested hearing on these matters, Read & Stevens, Inc., applicant in Case Nos. 23508-23523, gives notice that it is filing the attached revised exhibits for acceptance into the record. As explained at the hearing, Read & Stevens intends to initially drill and complete its proposed Third Bone Spring and Wolfcamp wells together through co-development as part of its proposed full development plan presented at hearing.

Accordingly, **Revised Exhibit B** contains revised compulsory pooling checklists that include only the proposed initial Third Bone Spring wells for Case Nos. 23508-23511 and 23516-23519, reflecting Read & Stevens' stated plan to initially drill and co-develop these wells with the corresponding Wolfcamp wells in Case Nos. 232512-23215 and 232520-232523 under compulsory pooling orders.

Respectfully submitted,

HOLLAND & HART LLP



Michael H. Feldewert
Adam G. Rankin
Julia Broggi
Paula M. Vance
Post Office Box 2208
Santa Fe, New Mexico 87504-2208
(505) 988-4421
(505) 983-6043 Facsimile
mfeldewert@hollandhart.com
agrarkin@hollandhart.com
jbroggi@hollandhart.com
pmvance@hollandhart.com

ATTORNEYS FOR READ & STEVENS, INC.

CERTIFICATE OF SERVICE

I hereby certify that on August 24, 2023, I served a copy of the foregoing document to the following counsel of record via Electronic Mail to:

Darin C. Savage
Andrew D. Schill
William E. Zimsky
214 McKenzie Street
Santa Fe, New Mexico 87501
darin@abadieschill.com
andrew@abadieschill.com
bill@abadieschill.com

Attorneys for Cimarex Energy Co.

Blake C. Jones
1780 Hughes Landing Blvd., Suite 750
The Woodlands, TX 77380
blake.jones@steptoe-johnson.com

Attorney for Northern Oil and Gas, Inc.

Sealy Cavin, Jr.
Scott S. Morgan
Brandon D. Hajny
P. O. Box 1216
Albuquerque, NM 87103
(505) 243-5400
scavin@cilawnm.com
smorgan@cilawnm.com
bhajny@cilawnm.com

Attorneys for Sandstone Properties, LLC



Adam G. Rankin

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

Case: 23508	APPLICANT'S RESPONSE
Date	July 20, 2023
Applicant	Read & Stevens, Inc.
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Cimarex Energy Co., Sandstone Properties, LLC, Northern Oil and Gas, Inc.
Well Family	Bane
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/A
Pool Name and Pool Code:	Teas; Bone Spring, East (96637)
Well Location Setback Rules:	Statewide setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320.21-acre, more or less
Building Blocks:	40 acres
Orientation:	Standup
Description: TRS/County	Lot 4 (NW/4 NW/4 equivalent), the SW/4 NW/4, and the W/2 SW/4 of Section 4 and the W/2 W/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and</u> is approval of non-standard unit requested in this application?	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-9
Well(s)	

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Revised Exhibit No. B
Submitted by: Read & Stevens, Inc.
Hearing Date: July 20, 2023
Case No. 23508

Name & API (if Assigned) 2023 face and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Bane 4-9 Fed Com 131H: SHL: 498' FNL, 1,103' FWL (Lot 4) of Section 4 BHL: 10' FSL, 330' FWL (Unit M) of Section 9 Completion Target: Bone Spring formation Well Orientation: North-South Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-10
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-3, C-5, C-6, C-7, C-9
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit C-5, C-6, C-7
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-10
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-9
Chronology of Contact with Non-Joined Working Interests	Exhibit C-11
Overhead Rates In Proposal Letter	Exhibit C-10
Cost Estimate to Drill and Complete	Exhibit C-10
Cost Estimate to Equip Well	Exhibit C-10
Cost Estimate for Production Facilities	Exhibit C-10
Geology	

Summary (including special considerations)	Exhibit E	Received by OCD: 8/24/2023 9:14:44 AM	Page 6 of 2
Spacing Unit Schematic	Exhibit E-8		
Gunbarrel/Lateral Trajectory Schematic	Exhibit E-14		
Well Orientation (with rationale)	Exhibit E		
Target Formation	Exhibit E, E-13		
HSU Cross Section	Exhibit E-13		
Depth Severance Discussion	N/A		
Forms, Figures and Tables			
C-102	Exhibit C-1		
Tracts	Exhibit C-3		
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-3, C-5, C-6, C-7, C-9		
General Location Map (including basin)	Exhibit E-1		
Well Bore Location Map	Exhibit E-8		
Structure Contour Map - Subsea Depth	Exhibit E-9, E-10, E-11, E-12		
Cross Section Location Map (including wells)	Exhibit E-9, E-10, E-11, E-12		
Cross Section (including Landing Zone)	Exhibit C-13		
Additional Information			
Special Provisions/Stipulations	See Exhibit C, para. 25		
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.			
Printed Name (Attorney or Party Representative):	Adam G. Rankin		
Signed Name (Attorney or Party Representative):			
Date:			8/24/2023

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

Case: 23509	APPLICANT'S RESPONSE
Date	July 20, 2023
Applicant	Read & Stevens, Inc.
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Cimarex Energy Co., Sandstone Properties, LLC, Northern Oil and Gas, Inc.
Well Family	Bane
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/A
Pool Name and Pool Code:	Teas; Bone Spring, East (96637)
Well Location Setback Rules:	Statewide setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320.44-acre, more or less
Building Blocks:	40 acres
Orientation:	Standup
Description: TRS/County	Lot 3 (NE/4 NW/4 equivalent), the SE/4 NW/4, and the E/2 SW/4 of Section 4 and the E/2 W/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and</u> is approval of non-standard unit requested in this application?	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-9
Well(s)	

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Revised Exhibit No. B
Submitted by: Read & Stevens, Inc.
Hearing Date: July 20, 2023
Case No. 23509

Name & API (if Assigned) 2023 face and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Bane 4-9 Fed Com 132H: SHL: 498' FNL, 1,169' FWL (Lot 4) of Section 4 BHL: 10' FSL, 1,650' FWL (Unit N) of Section 9 Completion Target: Bone Spring formation Well Orientation: North-South Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-10
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-3, C-5, C-6, C-7, C-9
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit C-5, C-6, C-7
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-10
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-9
Chronology of Contact with Non-Joined Working Interests	Exhibit C-11
Overhead Rates In Proposal Letter	Exhibit C-10
Cost Estimate to Drill and Complete	Exhibit C-10
Cost Estimate to Equip Well	Exhibit C-10
Cost Estimate for Production Facilities	Exhibit C-10
Geology	

Summary (including special considerations)	Exhibit E
Spacing Unit Schematic	Exhibit E-8
Gunbarrel/Lateral Trajectory Schematic	Exhibit E-14
Well Orientation (with rationale)	Exhibit E
Target Formation	Exhibit E, E-13
HSU Cross Section	Exhibit E-13
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit C-1
Tracts	Exhibit C-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-3, C-5, C-6, C-7, C-9
General Location Map (including basin)	Exhibit E-1
Well Bore Location Map	Exhibit E-8
Structure Contour Map - Subsea Depth	Exhibit E-9, E-10, E-11, E-12
Cross Section Location Map (including wells)	Exhibit E-9, E-10, E-11, E-12
Cross Section (including Landing Zone)	Exhibit C-13
Additional Information	
Special Provisions/Stipulations	See Exhibit C, para. 25
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Adam G. Rankin
Signed Name (Attorney or Party Representative):	
Date:	8/24/2023

COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 23510	APPLICANT'S RESPONSE
Date	July 20, 2023
Applicant	Read & Stevens, Inc.
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Cimarex Energy Co., Sandstone Properties, LLC, Northern Oil and Gas, Inc.
Well Family	Bane
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/A
Pool Name and Pool Code:	Teas; Bone Spring, East (96637)
Well Location Setback Rules:	Statewide setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320.66-acre, more or less
Building Blocks:	40 acres
Orientation:	Standup
Description: TRS/County	Lot 2 (NW/4 NE/4 equivalent), the SW/4 NE/4, and the W/2 SE/4 of Section 4 and the W/2 E/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and</u> is approval of non-standard unit requested in this application?	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-9
Well(s)	

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Revised Exhibit No. B
Submitted by: Read & Stevens, Inc.
Hearing Date: July 20, 2023
Case No. 23510

Name & API (if Assigned) 2023 face and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Bane 4-9 Fed Com 133H: SHL: 1,060' FNL, 1,459' FEL (Lot 2) of Section 4 BHL: 10' FSL, 2,310' FEL (Unit O) of Section 9 Completion Target: Bone Spring formation Well Orientation: North-South Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-10
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-3, C-5, C-6, C-7, C-9
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit C-5, C-6, C-7
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-10
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-9
Chronology of Contact with Non-Joined Working Interests	Exhibit C-11
Overhead Rates In Proposal Letter	Exhibit C-10
Cost Estimate to Drill and Complete	Exhibit C-10
Cost Estimate to Equip Well	Exhibit C-10
Cost Estimate for Production Facilities	Exhibit C-10
Geology	

<i>Received by OCD: 8/24/2023 9:14:44 AM</i> Summary (including special considerations)	<i>Page 12 of 2</i> Exhibit E
Spacing Unit Schematic	Exhibit E-8
Gunbarrel/Lateral Trajectory Schematic	Exhibit E-14
Well Orientation (with rationale)	Exhibit E
Target Formation	Exhibit E, E-13
HSU Cross Section	Exhibit E-13
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit C-1
Tracts	Exhibit C-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-3, C-5, C-6, C-7, C-9
General Location Map (including basin)	Exhibit E-1
Well Bore Location Map	Exhibit E-8
Structure Contour Map - Subsea Depth	Exhibit E-9, E-10, E-11, E-12
Cross Section Location Map (including wells)	Exhibit E-9, E-10, E-11, E-12
Cross Section (including Landing Zone)	Exhibit C-13
Additional Information	
Special Provisions/Stipulations	See Exhibit C, para. 25
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Adam G. Rankin
Signed Name (Attorney or Party Representative):	
Date:	8/24/2023

COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 23511	APPLICANT'S RESPONSE
Date	July 20, 2023
Applicant	Read & Stevens, Inc.
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Cimarex Energy Co., Sandstone Properties, LLC, Northern Oil and Gas, Inc.
Well Family	Bane
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/A
Pool Name and Pool Code:	Teas; Bone Spring, East (96637)
Well Location Setback Rules:	Statewide setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320.89-acre, more or less
Building Blocks:	40 acres
Orientation:	Standup
Description: TRS/County	Lot 1 (NE/4 NE/4 equivalent), the SE/4 NE/4, and the E/2 SE/4 of Section 4 and the E/2 E/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and</u> is approval of non-standard unit requested in this application?	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-9
Well(s)	

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico

Revised Exhibit No. B
Submitted by: Read & Stevens, Inc.

Hearing Date: July 20, 2023
Case No. 23511

Name & API (if Assigned) 2023 face and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Bane 4-9 Fed Com 134H: SHL: 1,126' FNL, 1,464' FEL (Lot 2) of Section 4 BHL: 10' FSL, 990' FEL (Unit P) of Section 9 Completion Target: Bone Spring formation Well Orientation: North-South Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-10
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-3, C-5, C-6, C-7, C-9
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit C-5, C-6, C-7
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-10
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-9
Chronology of Contact with Non-Joined Working Interests	Exhibit C-11
Overhead Rates In Proposal Letter	Exhibit C-10
Cost Estimate to Drill and Complete	Exhibit C-10
Cost Estimate to Equip Well	Exhibit C-10
Cost Estimate for Production Facilities	Exhibit C-10
Geology	

Summary (including special considerations)	Exhibit E	Received by OCD: 8/24/2023 9:14:44 AM	Page 15 of 2
Spacing Unit Schematic	Exhibit E-8		
Gunbarrel/Lateral Trajectory Schematic	Exhibit E-14		
Well Orientation (with rationale)	Exhibit E		
Target Formation	Exhibit E, E-13		
HSU Cross Section	Exhibit E-13		
Depth Severance Discussion	N/A		
Forms, Figures and Tables			
C-102	Exhibit C-1		
Tracts	Exhibit C-3		
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-3, C-5, C-6, C-7, C-9		
General Location Map (including basin)	Exhibit E-1		
Well Bore Location Map	Exhibit E-8		
Structure Contour Map - Subsea Depth	Exhibit E-9, E-10, E-11, E-12		
Cross Section Location Map (including wells)	Exhibit E-9, E-10, E-11, E-12		
Cross Section (including Landing Zone)	Exhibit C-13		
Additional Information			
Special Provisions/Stipulations	See Exhibit C, para. 25		
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.			
Printed Name (Attorney or Party Representative):	Adam G. Rankin		
Signed Name (Attorney or Party Representative):			
Date:			8/24/2023

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

Case: 23516	APPLICANT'S RESPONSE
Date	July 20, 2023
Applicant	Read & Stevens, Inc.
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Cimarex Energy Co., Sandstone Properties, LLC, Northern Oil and Gas, Inc.
Well Family	Joker
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/A
Pool Name and Pool Code:	Teas; Bone Spring, East (96637)
Well Location Setback Rules:	Statewide setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320.01-acre, more or less
Building Blocks:	40 acres
Orientation:	Standup
Description: TRS/County	Lot 4 (NW/4 NW/4 equivalent), the SW/4 NW/4, and the W/2 SW/4 of Section 5 and the W/2 W/2 of Section 8, Township 20 South, Range 34 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?	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-8
Well(s)	

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Revised Exhibit No. B
Submitted by: Read & Stevens, Inc.
Hearing Date: July 20, 2023
Case No. 23516

Name & API (if Assigned) 2023 face and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	<u>Joker 5-8 Fed Com 131H:</u> SHL: 255' FNL, 2,054' FWL (Lot 3) of Section 5 BHL: 10' FSL, 330' FWL (Unit M) of Section 8 Completion Target: Bone Spring formation Well Orientation: North-South Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-10
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-3, C-5, C-6, C-7, C-8
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit C-5, C-6, C-7
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-10
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-8
Chronology of Contact with Non-Joined Working Interests	Exhibit C-11
Overhead Rates In Proposal Letter	Exhibit C-10
Cost Estimate to Drill and Complete	Exhibit C-10
Cost Estimate to Equip Well	Exhibit C-10
Cost Estimate for Production Facilities	Exhibit C-10
Geology	

Summary (including special considerations)	Exhibit E	Received by OCD: 8/24/2023 9:14:44 AM	Page 18 of 2
Spacing Unit Schematic	Exhibit E-19		
Gunbarrel/Lateral Trajectory Schematic	Exhibit E-25		
Well Orientation (with rationale)	Exhibit E		
Target Formation	Exhibit E, E-24		
HSU Cross Section	Exhibit E-24		
Depth Severance Discussion	N/A		
Forms, Figures and Tables			
C-102	Exhibit C-1		
Tracts	Exhibit C-3		
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-3, C-5, C-6, C-7, C-8		
General Location Map (including basin)	Exhibit E-1		
Well Bore Location Map	Exhibit E-19		
Structure Contour Map - Subsea Depth	Exhibit E-20, E-21, E-22, E-23		
Cross Section Location Map (including wells)	Exhibit E-20, E-21, E-22, E-23		
Cross Section (including Landing Zone)	Exhibit E-24		
Additional Information			
Special Provisions/Stipulations	See Exhibit C, para. 25		
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.			
Printed Name (Attorney or Party Representative):	Adam G. Rankin		
Signed Name (Attorney or Party Representative):			
Date:			8/24/2023

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

Case: 23517	APPLICANT'S RESPONSE
Date	July 20, 2023
Applicant	Read & Stevens, Inc.
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Cimarex Energy Co., Sandstone Properties, LLC, Northern Oil and Gas, Inc.
Well Family	Joker
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/A
Pool Name and Pool Code:	Teas; Bone Spring, East (96637)
Well Location Setback Rules:	Statewide setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320.04-acre, more or less
Building Blocks:	40 acres
Orientation:	Standup
Description: TRS/County	Lot 3 (NE/4 NW/4 equivalent), the SE/4 NW/4, and the E/2 SW/4 of Section 5 and the E/2 W/2 of Section 8, Township 20 South, Range 34 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?	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-8
Well(s)	

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Revised Exhibit No. B
Submitted by: Read & Stevens, Inc.
Hearing Date: July 20, 2023
Case No. 23517

Name & API (if Assigned) 2023 face and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	<u>Joker 5-8 Fed Com 132H:</u> SHL: 255' FNL, 2,120' FWL (Lot 3) of Section 5 BHL: 10' FSL, 1,650' FWL (Unit N) of Section 8 Completion Target: Bone Spring formation Well Orientation: North-South Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-10
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-3, C-5, C-6, C-7, C-8
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit C-5, C-6, C-7
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-10
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-8
Chronology of Contact with Non-Joined Working Interests	Exhibit C-11
Overhead Rates In Proposal Letter	Exhibit C-10
Cost Estimate to Drill and Complete	Exhibit C-10
Cost Estimate to Equip Well	Exhibit C-10
Cost Estimate for Production Facilities	Exhibit C-10
Geology	

<i>Received by OCD: 8/24/2023 9:14:44 AM</i>		<i>Page 21 of 2</i>	
Summary (including special considerations)		Exhibit E	
Spacing Unit Schematic		Exhibit E-19	
Gunbarrel/Lateral Trajectory Schematic		Exhibit E-25	
Well Orientation (with rationale)		Exhibit E	
Target Formation		Exhibit E, E-24	
HSU Cross Section		Exhibit E-24	
Depth Severance Discussion		N/A	
Forms, Figures and Tables			
C-102		Exhibit C-1	
Tracts		Exhibit C-3	
Summary of Interests, Unit Recapitulation (Tracts)		Exhibit C-3, C-5, C-6, C-7, C-8	
General Location Map (including basin)		Exhibit E-1	
Well Bore Location Map		Exhibit E-19	
Structure Contour Map - Subsea Depth		Exhibit E-20, E-21, E-22, E-23	
Cross Section Location Map (including wells)		Exhibit E-20, E-21, E-22, E-23	
Cross Section (including Landing Zone)		Exhibit E-24	
Additional Information			
Special Provisions/Stipulations		See Exhibit C, para. 25	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.			
Printed Name (Attorney or Party Representative):		Adam G. Rankin	
Signed Name (Attorney or Party Representative):			
Date:		8/24/2023	

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

Case: 23518	APPLICANT'S RESPONSE
Date	July 20, 2023
Applicant	Read & Stevens, Inc.
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Cimarex Energy Co., Sandstone Properties, LLC, Northern Oil and Gas, Inc.
Well Family	Joker
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/A
Pool Name and Pool Code:	Teas; Bone Spring, East (96637)
Well Location Setback Rules:	Statewide setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320.06-acre, more or less
Building Blocks:	40 acres
Orientation:	Standup
Description: TRS/County	Lot 2 (NW/4 NE/4 equivalent), the SW/4 NE/4, and the W/2 SE/4 of Section 5 and the W/2 E/2 of Section 8, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and</u> is approval of non-standard unit requested in this application?	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-8
Well(s)	

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Revised Exhibit No. B
Submitted by: Read & Stevens, Inc.
Hearing Date: July 20, 2023
Case No. 23518

Name & API (if Assigned) 2023 face and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	<u>Joker 5-8 Fed Com 133H:</u> SHL: 253' FNL, 1,987' FEL (Lot 2) of Section 5 BHL: 10' FSL, 2,310' FEL (Unit O) of Section 8 Completion Target: Bone Spring formation Well Orientation: North-South Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-10
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-3, C-5, C-6, C-7, C-8
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit C-5, C-6, C-7
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-10
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-8
Chronology of Contact with Non-Joined Working Interests	Exhibit C-11
Overhead Rates In Proposal Letter	Exhibit C-10
Cost Estimate to Drill and Complete	Exhibit C-10
Cost Estimate to Equip Well	Exhibit C-10
Cost Estimate for Production Facilities	Exhibit C-10
Geology	

Summary (including special considerations)	Exhibit E	Received by OCD: 8/24/2023 9:14:44 AM	Page 24 of 2
Spacing Unit Schematic	Exhibit E-19		
Gunbarrel/Lateral Trajectory Schematic	Exhibit E-25		
Well Orientation (with rationale)	Exhibit E		
Target Formation	Exhibit E, E-24		
HSU Cross Section	Exhibit E-24		
Depth Severance Discussion	N/A		
Forms, Figures and Tables			
C-102	Exhibit C-1		
Tracts	Exhibit C-3		
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-3, C-5, C-6, C-7, C-8		
General Location Map (including basin)	Exhibit E-1		
Well Bore Location Map	Exhibit E-19		
Structure Contour Map - Subsea Depth	Exhibit E-20, E-21, E-22, E-23		
Cross Section Location Map (including wells)	Exhibit E-20, E-21, E-22, E-23		
Cross Section (including Landing Zone)	Exhibit E-24		
Additional Information			
Special Provisions/Stipulations	See Exhibit C, para. 25		
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.			
Printed Name (Attorney or Party Representative):	Adam G. Rankin		
Signed Name (Attorney or Party Representative):			
Date:	8/24/2023		

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

Case: 23519	APPLICANT'S RESPONSE
Date	July 20, 2023
Applicant	Read & Stevens, Inc.
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Cimarex Energy Co., Sandstone Properties, LLC, Northern Oil and Gas, Inc.
Well Family	Joker
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/A
Pool Name and Pool Code:	Teas; Bone Spring, East (96637)
Well Location Setback Rules:	Statewide setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320.09-acre, more or less
Building Blocks:	40 acres
Orientation:	Standup
Description: TRS/County	Lot 1 (NE/4 NE/4 equivalent), the SE/4 NE/4, and the E/2 SE/4 of Section 5 and the E/2 E/2 of Section 8, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and</u> is approval of non-standard unit requested in this application?	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-8
Well(s)	

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Revised Exhibit No. B

Submitted by: Read & Stevens, Inc.

Hearing Date: July 20, 2023

Case No. 23519

Name & API (if Assigned) 2023 face and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	<u>Joker 5-8 Fed Com 134H:</u> SHL: 253' FNL, 1,921' FEL (Lot 2) of Section 5 BHL: 10' FSL, 990' FEL (Unit P) of Section 8 Completion Target: Bone Spring formation Well Orientation: North-South Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-10
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-3, C-5, C-6, C-7, C-8
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit C-5, C-6, C-7
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-10
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-8
Chronology of Contact with Non-Joined Working Interests	Exhibit C-11
Overhead Rates In Proposal Letter	Exhibit C-10
Cost Estimate to Drill and Complete	Exhibit C-10
Cost Estimate to Equip Well	Exhibit C-10
Cost Estimate for Production Facilities	Exhibit C-10
Geology	

<i>Received by OCD: 8/24/2023 9:14:44 AM</i>		<i>Page 27 of 2</i>	
Summary (including special considerations)		Exhibit E	
Spacing Unit Schematic		Exhibit E-19	
Gunbarrel/Lateral Trajectory Schematic		Exhibit E-25	
Well Orientation (with rationale)		Exhibit E	
Target Formation		Exhibit E, E-24	
HSU Cross Section		Exhibit E-24	
Depth Severance Discussion		N/A	
Forms, Figures and Tables			
C-102		Exhibit C-1	
Tracts		Exhibit C-3	
Summary of Interests, Unit Recapitulation (Tracts)		Exhibit C-3, C-5, C-6, C-7, C-8	
General Location Map (including basin)		Exhibit E-1	
Well Bore Location Map		Exhibit E-19	
Structure Contour Map - Subsea Depth		Exhibit E-20, E-21, E-22, E-23	
Cross Section Location Map (including wells)		Exhibit E-20, E-21, E-22, E-23	
Cross Section (including Landing Zone)		Exhibit E-24	
Additional Information			
Special Provisions/Stipulations		See Exhibit C, para. 25	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.			
Printed Name (Attorney or Party Representative):		Adam G. Rankin	
Signed Name (Attorney or Party Representative):			
Date:		8/24/2023	