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

IN THE MATTER OF APPLICATION FOR COMPULSORY POOLING SUBMITTED BY CATENA RESOURCES OPERATING, LLC

CASE NO. 21354 ORDER NO. R-21483

#### **ORDER**

The Director of the New Mexico Oil Conservation Division ("OCD"), having heard this matter through a Hearing Examiner on September 24, 2020, and after considering the testimony, evidence, and recommendation of the Hearing Examiner, issues the following Order.

## **FINDINGS OF FACT**

- 1. Catena Resources 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. 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 depth(s) and location(s) in the Unit described in Exhibit A.
- 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 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.
- 19. 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.
- 20. This Order shall terminate automatically if Operator fails to comply with Paragraph 19 unless Operator obtains an extension by amending this Order for good cause shown.
- 21. The infill well requirements in 19.15.13.9 NMAC through 19.15.13.12 NMAC shall be applicable.
- 22. 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").
- 23. 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."

- 24. 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.
- 25. 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.
- 26. 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."
- 27. 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.
- 28. 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.

- 29. 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.
- 30. Operator shall distribute a proportionate share of the costs and charges withheld pursuant to paragraph 29 to each Pooled Working Interest that paid its share of the Estimated Well Costs.
- 31. 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.
- 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

AES/tgw

Date: 10/13/2020

# **Exhibit A**

ALL INFORMATION IN THE APPLICATION MUST	BE SUPPORTED BY SIGNED AFFIDAVITS
Case: 21354	APPLICANT'S RESPONSE
Date: September 24, 2020	
Applicant	Catena Resources Operating, LLC
Designated Operator & OGRID (affiliation if applicable)	Catena Resources Operating, LLC (OGRID No. 328449)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF CATENA RESOURCES OPERATING, LLC
	FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Marathon Oil Permian, LLC
Well Family	Alpha 183533 2H
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring Formation
Pool Name and Pool Code:	Scharb; Bone Spring (55610)
Well Location Setback Rules:	Statewide horizontal oil well rules
Spacing Unit Size:	480-acres, more or less
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal well spacing unit
Size (Acres)	480 acres, more or less
Building Blocks:	quarter-quarter sections
Orientation:	North to South
Description: TRS/County	SW/4 of Section 33, T-18-S, R-35-E and W/2 of Section 4, T 19-S, R-35-E, NMPM, Lea County, New Mexico.
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	None
Proximity Tracts: If yes, description	E/2 SW/4 of Section 33 ad E/2 W/2 of Section 4
Proximity Defining Well: if yes, description	Alpha 183533 2H
Applicant's Ownership in Each Tract	Exhibit A-3
Well(s)	
Name & API (if assigned), surface and bottom hole location,	Add wells as needed
footages, completion target, orientation, completion status	
(standard or non-standard)	
Well #1	Alpha 183533 2H (API # Pending)
	SHL: 2450' FSL & 1370' FWL (Unit K), Sec. 33, T18S, R35E
	BHL: 100' FSL & 1270' FWL (Unit M), Sec. 4, T19S, R35E
	Completion target: Bone Spring
	Well orientation: North to South
	Completion location: expected to be standard
Horizontal Well First and Last Take Points	See Exhibit A-1
Completion Target (Formation, TVD and MD)	See Exhibit B
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800

Requested Risk Charge  Notice of Hearing Proposed Notice of Hearing Proof of Mailed Notice of Hearing (20 days before hearing) Proof of Mailed Notice of Hearing (10 days before hearing) Proof of Published Notice of Hearing (10 days before hearing) Downership Determination Land Ownership Schematic of the Spacing Unit Tract List (including lease numbers and owners) Pooled Parties (including ownership type) Exhibit A-3 Proled Parties (including ownership type) Exhibit A-3 Proled Parties (including percentage above & Behloit D  Ownership Depth Severance (including percentage above & Behloit D  Ownership Depth Severance (including percentage above & Behloit D  Ownership Opth Severance (including percentage above & Behloit D  Ownership Opth Severance (including percentage above & Behloit D  Ownership Opth Severance (including percentage above & Behloit D  Ownership Opth Severance (including percentage above & Behloit D  Ownership Opth Severance (including percentage above & Behloit D  Ownership Opth Severance (including percentage above & Behloit D  Ownership Opth Severance (including Severance (including Interests D  Overhead Rates in Proposal Letter  Exhibit A-4  Exhibit A-4  Exhibit A-3  Exhibit A-4  Exhibit A-6  Exhibit A-7  Exhibit A-8  Exhibit A-9  Exhibit A-	Justification for Supervision Costs	See Exhibit A
Notice of Hearing Proposed Notice of Hearing Proposed Notice of Hearing Proposed Notice of Hearing (20 days before hearing) Proof of Mulished Notice of Hearing (10 days before hearing) Proof of Published Notice of Hearing (10 days before hearing)  Ownership Determination Land Ownership Schematic of the Spacing Unit Exhibit A-3  Tract List (including lease numbers and owners) Exhibit A-3  Prooled Parties (including ownership type) Lonicotable Parties to be Pooled Exhibit D  Ownership Depth Severance (including percentage above & Behibit D  Ownership Depth Severance (including percentage above & Behibit D  Ownership Depth Severance (including percentage above & Behibit A-3  List of Interest Owners (including heart of John Complete  Exhibit A-4  List of Interest Owners (including heart of John Complete Exhibit A-4  List of Interest Owners (including heart of John Complete Exhibit A-4  Cost Estimate to Drill and Complete Exhibit A-4  Cost Estimate to Equip Well Exhibit A-4  Cost Estimate to Equip Well Exhibit A-4  Cost Estimate for Production Facilities Exhibit A-4  Cost Estimate (and Interest Exhibit A-4  Cost Exhibit A-4  Cost Exhibit A-4  Cost Exhibit A-5  Condition (and Interest Exhibit A-6  Cost Exhibit A-8  Exhibit A-8  Exhibit A-8  Exhibit B-8  Somplare/Lateral Trajectory Schematic Exhibit B-8  Exhibit B-1	·	
Proposed Notice of Hearing (20 days before hearing)  Proof of Mailed Notice of Hearing (10 days before hearing)  Downership Determination  Land Ownership Schematic of the Spacing Unit  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Lunicatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Downership Depth Severance (including percentage above & below)  Downership Depth Severance (including percentage above & below)  Downership Depth Severance (including percentage above & below)  N/A  Sample Copy of Proposal Letter  Sample Copy of Proposal Letter  Sample Copy of Proposal Letter  Sample Copy of Depth Severance (including Interests over Sex		20070
Proof of Mailed Notice of Hearing (20 days before hearing) Proof of Published Notice of Hearing (10 days before hearing)  Ownership Determination Land Ownership Schematic of the Spacing Unit Land Ownership Schematic of the Spacing Unit Proof of Published Notice of Hearing (10 days before hearing)  Day Schibit A-3  Exhibit A-3  Exhibit A-3  Exhibit A-3  Exhibit B-3  Unlocatable Parties (including ownership type) Unlocatable Parties to be Pooled Ownership Depth Severance (including percentage above & below)  N/A  Doinder  Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA) Chronology of Contact with Non-Joined Working Interests Overhead Rates In Proposal Letter Cost Estimate to Drill and Complete Cost Estimate to Drill and Complete Exhibit A-4  Cost Estimate to Equip Well Cost Estimate to Equip Well Cost Estimate to Ford Unit of Production Facilities Exhibit A-4  Cost Estimate To Froduction Facilities Exhibit A-4  Cost Estimate To Froduction Facilities Exhibit A-4  Cost Estimate To Forduction Facilities Exhibit A-4  Cost Estimate To Forduction Facilities Exhibit A-4  Cost Estimate To Forduction Facilities Exhibit B-4  Geology  Summary (including special considerations) Exhibit B  Spacing Unit Schematic Exhibit A-2  Exhibit B-1  Exhibit B-2  Exhibit A-3  Exhibit B-1  Exhibit		Evhibit C
Proof of Published Notice of Hearing (10 days before hearing)  Ownership Determination  Land Ownership Schematic of the Spacing Unit  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Exhibit A-3  Exhibit A-3  Exhibit A-3  Exhibit A-3  Exhibit D  Ownership Depth Severance (including percentage above & below)  Downership Depth Severance (including percentage above & below)  Island Comparish C		1 * rept bit 1 districted threat
Ownership Determination Land Ownership Schematic of the Spacing Unit Tract List (including lease numbers and owners) Pooled Parties (including ownership type) Exhibit A-3 Pooled Parties (including ownership type) Exhibit A-3 Exhibit D  Ownership Depth Severance (including percentage above & Behibit D  Downership Depth Severance (including percentage above & Behibit D  Dolinder  Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA) Exhibit A-3 Exhibit A-3 Exhibit A-3 Exhibit A-3 Exhibit A-5 Overhead Rates in Proposal Letter Cost Estimate to Drill and Complete Exhibit A-4 Exhibit B-1 Exhibi		
Land Ownership Schematic of the Spacing Unit Tract List (including lease numbers and owners) Pooled Parties (including womership type) Pooled Parties (including ownership type) Pooled Parties (including type) Pooled Parties (inclu		EXHIBIT D
Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  List (parties to be Pooled  Cownership Depth Severance (including percentage above & below)  Downership Depth Severance (including percentage above & below)  Dinider  Sample Copy of Proposal Letter  List of Interest Owners (ie Exhibit A of JOA)  Cornonology of Contact with Non-Joined Working Interests  Overhead Rates In Proposal Letter  Exhibit A-3  Chronology of Contact with Non-Joined Working Interests  Overhead Rates In Proposal Letter  Exhibit A-4  Cost Estimate to Drill and Complete  Exhibit A-4  Cost Estimate to Drill and Complete  Exhibit A-4  Cost Estimate for Production Facilities  Exhibit A-4  Geology  Summary (including special considerations)  Exhibit B  Spacing Unit Schematic  Exhibit B-2  Conductivation (with rationale)  Exhibit B-1  Exhibit B-1  Exhibit B-1  Exhibit B-2  Depth Severance Discussion  N/A  Forms, Figures and Tables  C-102  Exhibit A-3  Exhibit A-3  Exhibit A-3  Exhibit A-3  Exhibit A-3  Exhibit A-3  Exhibit B-1  Exhibit B-1  Exhibit B-2  Exhibit B-1  Exhibit B-1  Exhibit B-1  Exhibit B-2  Exhibit B-1  Exhibit B-1  Exhibit B-2  Exhibit B-3  Exhibit B-3  Exhibit B-3  Exhibit B-1  Exhibit B-1		Evhibit A-3
Pooled Parties (including ownership type)  Exhibit A-3  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/		
Unlocatable Parties to be Pooled Ownership Depth Severance (including percentage above & below)  Joinder Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA) Chronology of Contact with Non-Joined Working Interests Overhead Rates In Proposal Letter Exhibit A-3 Chronology of Contact with Non-Joined Working Interests Overhead Rates In Proposal Letter Cost Estimate to Drill and Complete Cost Estimate to Fuil and Complete Cost Estimate to Fuil and Complete Cost Estimate for Production Facilities Exhibit A-4 Cost Estimate for Production Facilities Exhibit A-4 Cost Estimate for Production Facilities Exhibit A-4  Cost Estimate for Production Facilities Exhibit A-4  Cost Estimate for Production Facilities Exhibit B-2 Cost Interest Co		
Ownership Depth Severance (including percentage above & below)  Joinder  Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA) Exhibit A-3 Chronology of Contact with Non-Joined Working Interests Overhead Rates in Proposal Letter Exhibit A-5 Cost Estimate to Drill and Complete Exhibit A-4 Cost Estimate to Equip Well Exhibit A-4 Cost Estimate to Equip Well Exhibit A-4 Cost Estimate to Fouju Froduction Facilities Exhibit A-4 Exhibit A-4 Exhibit A-4  Exhibit A-6 Exhibit A-7  Exhibit A-8  Exhibit A-8  Exhibit B  Exhibit B  Exhibit B-1  Exhibit B-1  Exhibit B-1  Exhibit B-1  Exhibit B-1  Exhibit B-1  Exhibit B-2  Exhibit B-2  Exhibit B-2  Exhibit B-2  Exhibit B-3  Exhibit B-3  Exhibit A-3  Exhibit B-1  Exhibit B-1  Exhibit B-1  Exhibit B-2  Exhibit B-3  Exhibit B-3  Exhibit B-3  Exhibit B-3  Exhibit B-3  Exhibit B-1  Exhi		
Note		EXIIIDIC D
Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA) List of Interest Owners (ie Exhibit A		N/A
Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA) Exhibit A-3 Chronology of Contact with Non-Joined Working Interests Overhead Rates In Proposal Letter Cost Estimate to Drill and Complete Exhibit A-4 Cost Estimate to Equip Well Exhibit A-4 Cost Estimate for Production Facilities Eshibit A-4 Cost Estimate for Production Facilities Eshibit A-4  Cost Estimate for Production Facilities Eshibit A-4  Cost Estimate for Production Facilities Eshibit A-4  Cost Estimate for Production Facilities Eshibit A-2  Eshibit B  Spacing Unit Schematic Exhibit B  Spacing Unit Schematic Eshibit A-2  Gunbarrel/Lateral Trajectory Schematic Eshibit A-2  Well Orientation (with rationale) Eshibit B  HSU Cross Section Eshibit B-1  Tracts Eshibit A-1  Tracts Eshibit A-1  Eshibit A-1  Eshibit A-3  Summary of Interests, Unit Recapitulation (Tracts) Eshibit A-3  Summary of Interests, Unit Recapitulation (Tracts) Eshibit A-3  Semenal Location Map (including basin) Eshibit B-1  Cross Section Location Map (including wells) Exhibit B-1  Cross Section Location Map (including wells) Exhibit B-1  Cross Section (including Landing Zone) Exhibit B-2  Additional Information Special Provisions/Stipulations  None  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Kätlyn A. Luck		.,,.,
List of Interest Owners (ie Exhibit A of JOA) Chronology of Contact with Non-Joined Working Interests Overhead Rates In Proposal Letter Cost Estimate to Drill and Complete Cost Estimate to Equip Well Cost Estimate to Equip Well Exhibit A-4 Cost Estimate for Production Facilities Eshibit A-4 Cost Estimate for Production Facilities Eshibit A-4  Geology Summary (including special considerations) Eshibit B Spacing Unit Schematic Exhibit A-2 Gunbarrel/Lateral Trajectory Schematic Exhibit A-2 Well Orientation (with rationale) Eshibit B HSU Cross Section Eshibit B HSU Cross Section Eshibit B HSU Cross Section Depth Severance Discussion N/A Forms, Figures and Tables C-102 Exhibit A-1 Eracts Eshibit A-3 Summary of Interests, Unit Recapitulation (Tracts) Eshibit A-3 Summary of Interests, Unit Recapitulation (Tracts) Eshibit A-2 Structure Contour Map (including basin) Exhibit B-1 Cross Section Location Map (including wells) Exhibit B-1 Cross Section Location Map (including wells) Exhibit B-1 Cross Section (including Landing Zone) Exhibit B-2 Additional Information Special Provisions/Stipulations None CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate. Printed Name (Attorney or Party Representative):  Signed Name (Attorney or Party Representative):	er de l'indicate de l'annue de l'indicate de	Exhibit A-4
Chronology of Contact with Non-Joined Working Interests Overhead Rates In Proposal Letter Cost Estimate to Drill and Complete Exhibit A-4 Cost Estimate to Equip Well Cost Estimate for Production Facilities Exhibit A-4 Cost Estimate for Production Facilities Exhibit A-4  Geology Summary (including special considerations) Exhibit B Spacing Unit Schematic Exhibit A-2 Genibarrel/Lateral Trajectory Schematic Exhibit A-2 Well Orientation (with rationale) Exhibit B HSU Cross Section Exhibit B HSU Cross Section Exhibit B-2 Depth Severance Discussion Forms, Figures and Tables C-102 Exhibit A-1 Exhibit A-3 Exhibit A-3 Exhibit A-3 Exhibit A-3 Exhibit A-3 Exhibit A-3 Exhibit A-2 Well Bore Location Map Exhibit A-2 Structure Contour Map - Subsea Depth Exhibit B-1 Cross Section (including Landing Zone) Exhibit B-1		
Overhead Rates In Proposal Letter Cost Estimate to Drill and Complete Exhibit A-4 Cost Estimate to Equip Well Exhibit A-4 Cost Estimate for Production Facilities Exhibit A-4  Geology Summary (including special considerations) Exhibit B Spacing Unit Schematic Exhibit A-2 Gunbarrel/Lateral Trajectory Schematic Exhibit A-2 Well Orientation (with rationale) Exhibit B HSU Cross Section Exhibit B HSU Cross Section Exhibit B-2 Depth Severance Discussion Forms, Figures and Tables C-102 Exhibit A-1 Erracts Exhibit A-3 Summary of Interests, Unit Recapitulation (Tracts) Exhibit A-3 General Location Map Exhibit A-2 Well Bore Location Map Exhibit A-2 Structure Contour Map - Subsea Depth Exhibit B-1 Cross Section (including Landing Zone) Exhibit B-1 Additional Information Special Provisions/Stipulations CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate. Printed Name (Attorney or Party Representative):  Exhibit A-1 Exhibit A-2 Exhibit A-2 Exhibit A-3 Exhibit B-1 Exhibit B	Note that the residence is a supplemental of the supplementation of	
Cost Estimate to Drill and Complete Cost Estimate to Equip Well Exhibit A-4 Cost Estimate for Production Facilities Exhibit A-4 Geology Summary (including special considerations) Exhibit B Spacing Unit Schematic Exhibit A-2 Gunbarrel/Lateral Trajectory Schematic Exhibit A-2 Well Orientation (with rationale) Exhibit B-1 Exhibit B-1 Exhibit B-1 Exhibit B-1 Exhibit B-1 Exhibit B-2 Depth Severance Discussion N/A Forms, Figures and Tables C-102 Exhibit A-3 Summary of Interests, Unit Recapitulation (Tracts) Exhibit A-3 General Location Map (including basin) Exhibit A-2 Well Bore Location Map Structure Contour Map - Subsea Depth Exhibit B-1 Cross Section Location Map (including wells) Exhibit B-1 Exh		
Cost Estimate to Equip Well Cost Estimate for Production Facilities Exhibit A-4  Geology  Summary (including special considerations) Exhibit B Spacing Unit Schematic  Gunbarrel/Lateral Trajectory Schematic Exhibit A-2  Well Orientation (with rationale) Exhibit B-1  Target Formation Exhibit B HSU Cross Section Exhibit B-2  Depth Severance Discussion Forms, Figures and Tables C-102 Exhibit A-1  Exhibit A-3  Summary of Interests, Unit Recapitulation (Tracts) Exhibit A-3  General Location Map (including basin) Exhibit A-2  Exhibit A-2  Exhibit A-2  Exhibit A-2  Exhibit B-1  Cross Section Location Map (including wells) Exhibit B-1  Cross Section (including Landing Zone) Exhibit B-1  Cross Section (including Landing Zone) Exhibit B-1  Cross Section (including Landing Zone) Exhibit B-2  Additional Information  Special Provisions/Stipulations  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Kaitlyn A. Luck  Signed Name (Attorney or Party Representative):		
Cost Estimate for Production Facilities  Geology  Summary (including special considerations)  Spacing Unit Schematic  Exhibit A-2  Gunbarrel/Lateral Trajectory Schematic  Exhibit A-2  Well Orientation (with rationale)  Target Formation  Exhibit B  HSU Cross Section  Exhibit B-2  Depth Severance Discussion  Forms, Figures and Tables  C-102  Tracts  Exhibit A-3  Summary of Interests, Unit Recapitulation (Tracts)  General Location Map (including basin)  Exhibit A-2  Well Bore Location Map (including wells)  Cross Section Location Map (including wells)  Cross Section Location Map (including wells)  Exhibit B-1  Cross Section Location Map (including wells)  Exhibit B-1  Cross Section (including Landing Zone)  Additional Information  Special Provisions/Stipulations  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Kigned Name (Attorney or Party Representative):		Exhibit A-4
Summary (including special considerations)  Spacing Unit Schematic  Substit A-2  Gunbarrel/Lateral Trajectory Schematic  Well Orientation (with rationale)  Exhibit B-1  Target Formation  Exhibit B-1  Target Formation  Exhibit B-2  Depth Severance Discussion  Forms, Figures and Tables  C-102  Exhibit A-1  Tracts  Exhibit A-3  Summary of Interests, Unit Recapitulation (Tracts)  Exhibit A-3  Summary of Including basin)  Exhibit A-2  Structure Contour Map - Subsea Depth  Exhibit A-2  Structure Contour Map including wells)  Exhibit B-1  Cross Section Location Map (including wells)  Exhibit B-1  Cross Section (colluding Landing Zone)  Exhibit B-1  Cross Section Information  Special Provisions/Stipulations  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Frinted Name (Attorney or Party Representative):  Exhibit A- Luck  Signed Name (Attorney or Party Representative):		Down to the production of the
Summary (including special considerations)  Spacing Unit Schematic  Gunbarrel/Lateral Trajectory Schematic  Exhibit A-2  Well Orientation (with rationale)  Exhibit B  Stareget Formation  Exhibit B  HSU Cross Section  Depth Severance Discussion  Forms, Figures and Tables  C-102  Exhibit A-1  Tracts  Exhibit A-3  Summary of Interests, Unit Recapitulation (Tracts)  Exhibit A-3  Summary of Interests, Unit Recapitulation (Tracts)  Exhibit A-2  Well Bore Location Map (including basin)  Exhibit A-2  Structure Contour Map - Subsea Depth  Exhibit B-1  Cross Section Location Map (including wells)  Exhibit B-1  Cross Section (including Landing Zone)  Additional Information  Special Provisions/Stipulations  None  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):		
Spacing Unit Schematic Gunbarrel/Lateral Trajectory Schematic Exhibit A-2 Well Orientation (with rationale) Exhibit B-1 Target Formation Exhibit B HSU Cross Section Exhibit B-2 Depth Severance Discussion Forms, Figures and Tables C-102 Exhibit A-1 Tracts Exhibit A-3 Summary of Interests, Unit Recapitulation (Tracts) Exhibit A-3 General Location Map (including basin) Exhibit A-2 Well Bore Location Map Subsea Depth Exhibit A-2 Structure Contour Map - Subsea Depth Exhibit B-1 Cross Section Location Map (including wells) Exhibit B-1 Cross Section Including Landing Zone) Exhibit B-2 Additional Information Special Provisions/Stipulations  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Exhibit A-2 Exhibit B-1 Exhibit B-2 Exhibit B-1		Exhibit B
Gunbarrel/Lateral Trajectory Schematic  Well Orientation (with rationale)  Exhibit B-1  Target Formation  Exhibit B  HSU Cross Section  Depth Severance Discussion  Forms, Figures and Tables  C-102  Exhibit A-1  Tracts  Summary of Interests, Unit Recapitulation (Tracts)  General Location Map (including basin)  Exhibit A-2  Well Bore Location Map  Structure Contour Map - Subsea Depth  Cross Section Location Map (including wells)  Cross Section (including Landing Zone)  Additional Information  Special Provisions/Stipulations  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Signed Name (Attorney or Party Representative):		Exhibit A-2
Well Orientation (with rationale)  Target Formation  Exhibit B  HSU Cross Section  Depth Severance Discussion  Forms, Figures and Tables  C-102  Exhibit A-1  Tracts  Exhibit A-3  Summary of Interests, Unit Recapitulation (Tracts)  General Location Map (including basin)  Exhibit A-2  Well Bore Location Map  Exhibit A-2  Structure Contour Map - Subsea Depth  Exhibit B-1  Cross Section Location Map (including wells)  Exhibit B-1  Cross Section (including Landing Zone)  Additional Information  Special Provisions/Stipulations  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Signed Name (Attorney or Party Representative):  Exhibit B-1  Exhibit B-1  Exhibit B-2  Kaitlyn A. Luck		Exhibit A-2
Target Formation  Exhibit B  HSU Cross Section  Depth Severance Discussion  Forms, Figures and Tables  C-102  Exhibit A-1  Tracts  Exhibit A-3  Summary of Interests, Unit Recapitulation (Tracts)  General Location Map (including basin)  Exhibit A-2  Well Bore Location Map  Exhibit A-2  Structure Contour Map - Subsea Depth  Cross Section Location Map (including wells)  Exhibit B-1  Cross Section (including Landing Zone)  Additional Information  Special Provisions/Stipulations  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Kaitlyn A. Luck  Signed Name (Attorney or Party Representative):		Exhibit B-1
HSU Cross Section  Depth Severance Discussion  Forms, Figures and Tables  C-102  Exhibit A-1  Tracts  Exhibit A-3  Summary of Interests, Unit Recapitulation (Tracts)  General Location Map (including basin)  Well Bore Location Map  Exhibit A-2  Structure Contour Map - Subsea Depth  Cross Section Location Map (including wells)  Exhibit B-1  Cross Section (including Landing Zone)  Additional Information  Special Provisions/Stipulations  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Frinted Name (Attorney or Party Representative):  Kaitlyn A. Luck  Signed Name (Attorney or Party Representative):		Exhibit B
Forms, Figures and Tables  C-102  Exhibit A-1  Tracts  Summary of Interests, Unit Recapitulation (Tracts)  General Location Map (including basin)  Well Bore Location Map  Exhibit A-2  Structure Contour Map - Subsea Depth  Cross Section Location Map (including wells)  Cross Section Location Map (including wells)  Exhibit B-1  Cross Section (including Landing Zone)  Additional Information  Special Provisions/Stipulations  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Signed Name (Attorney or Party Representative):	HSU Cross Section	Exhibit B-2
Forms, Figures and Tables  C-102  Exhibit A-1  Tracts  Summary of Interests, Unit Recapitulation (Tracts)  General Location Map (including basin)  Well Bore Location Map  Exhibit A-2  Structure Contour Map - Subsea Depth  Cross Section Location Map (including wells)  Cross Section (including Landing Zone)  Additional Information  Special Provisions/Stipulations  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Signed Name (Attorney or Party Representative):	Depth Severance Discussion	N/A
Exhibit A-1  Tracts  Exhibit A-3  Summary of Interests, Unit Recapitulation (Tracts)  General Location Map (including basin)  Well Bore Location Map Exhibit A-2  Structure Contour Map - Subsea Depth  Exhibit B-1  Cross Section Location Map (including wells)  Exhibit B-1  Cross Section (including Landing Zone)  Additional Information  Special Provisions/Stipulations  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Signed Name (Attorney or Party Representative):	Forms, Figures and Tables	
Summary of Interests, Unit Recapitulation (Tracts)  General Location Map (including basin)  Well Bore Location Map (including basin)  Exhibit A-2  Structure Contour Map - Subsea Depth  Cross Section Location Map (including wells)  Cross Section Location Map (including wells)  Exhibit B-1  Cross Section (including Landing Zone)  Exhibit B-2  Additional Information  Special Provisions/Stipulations  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Kaitlyn A. Luck  Signed Name (Attorney or Party Representative):	C-102	Exhibit A-1
General Location Map (including basin)  Well Bore Location Map  Exhibit A-2  Structure Contour Map - Subsea Depth  Cross Section Location Map (including wells)  Exhibit B-1  Cross Section (including Landing Zone)  Additional Information  Special Provisions/Stipulations  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Kaitlyn A. Luck  Signed Name (Attorney or Party Representative):	Tracts	Exhibit A-3
General Location Map (including basin)  Well Bore Location Map  Exhibit A-2  Structure Contour Map - Subsea Depth  Cross Section Location Map (including wells)  Exhibit B-1  Cross Section (including Landing Zone)  Additional Information  Special Provisions/Stipulations  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Kaitlyn A. Luck  Signed Name (Attorney or Party Representative):	Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
Well Bore Location Map  Exhibit A-2  Structure Contour Map - Subsea Depth  Cross Section Location Map (including wells)  Exhibit B-1  Exhibit B-1  Exhibit B-2  Additional Information  Special Provisions/Stipulations  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Signed Name (Attorney or Party Representative):		Exhibit A-2
Cross Section Location Map (including wells)  Cross Section (including Landing Zone)  Exhibit B-2  Additional Information  Special Provisions/Stipulations  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Kaitlyn A. Luck  Signed Name (Attorney or Party Representative):	Well Bore Location Map	Exhibit A-2
Cross Section Location Map (including wells)  Cross Section (including Landing Zone)  Exhibit B-2  Additional Information  Special Provisions/Stipulations  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Kaitlyn A. Luck  Signed Name (Attorney or Party Representative):	Structure Contour Map - Subsea Depth	Exhibit B-1
Cross Section (including Landing Zone)  Additional Information  Special Provisions/Stipulations  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Signed Name (Attorney or Party Representative):	Cross Section Location Map (including wells)	Exhibit B-1
Additional Information  Special Provisions/Stipulations  CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Signed Name (Attorney or Party Representative):	Cross Section (including Landing Zone)	Exhibit B-2
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Signed Name (Attorney or Party Representative):	Additional Information	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.  Printed Name (Attorney or Party Representative):  Signed Name (Attorney or Party Representative):	Special Provisions/Stipulations	None
Printed Name (Attorney or Party Representative):  Signed Name (Attorney or Party Representative):  Kaitlyn A. Luck	The process of the second at the first transfer of the second sec	ded in this checklist is complete and accurate.
	Printed Name (Attorney or Party Representative):	
	Signed Name (Attorney or Party Representative):	Smrtull.
Date:	Date:	21-Sep-20