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

APPLICATION OF AVANT OPERATING, LLC FOR COMPULSORY POOLING AND APPROVAL OF NON-STANDARD SPACING UNIT, LEA COUNTY, NEW MEXICO

**CASE NO. 24376** 

## **NOTICE OF SUPPLEMENTAL EXHIBIT**

Avant Operating, LLC, ("Avant") provides notice that it is supplementing the evidentiary record in this case by replacing Exhibit A to Avant's Exhibit Packet in the above-referenced case. The replacement exhibit correctly identifies the acreage in the unit.

Respectfully submitted,

BEATTY & WOZNIAK, P.C.

By:

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Attorneys for Avant Operating, LLC

COMPULSORY POOLING APPLICA ALL INFORMATION IN THE APPLICATION MUST B	
	APPLICANT'S RESPONSE
Case: Date	APPLICANT'S RESPONSE
Applicant	Avant Operating, LLC
Designated Operator & OGRID (affiliation if applicable)	330396
Applicant's Counsel:	Miguel Suazo, Beatty & Wozniak, P.C.
Case Title:	Application of Avant Operating, LLC FOR Compulsory
	Pooling and Approval of Non-Standard Spacing Unit, Lea County, New Mexico
Entries of Appearance/Intervenors:	Permian Resources Corporation, Chisholm Energy
Entres of Appearance/intervenors.	Operating, Inc., and Earthstone Permian LLC
Well Family	Emerald Fed Com
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Entire Formation
Pool Name and Pool Code:	Corbin; Bone Spring South (13160)
Well Location Setback Rules:	Statewide Rules
Spacing Unit	Hari-antal
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	1,302.98 acres, more or less
Building Blocks:	Quarter-Quarter sections
Orientation:	South-North
Description: TRS/County	All of Section 31, T-18-S, R-33-E and all of Section 6, T-
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and	19-S, R-33-E, Lea County, NM  No. Applicant seeks approval of non-standard unit.
standard Horizontal Well Spacing Unit (Y/N), if No, describe <u>and</u> is approval of non-standard unit requested in this application?	No. Applicant seeks approval of non-standard unit.
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	N/A
Applicant's Ownership in Each Tract	Exhibit C
Well(s)	
Name & API (if assigned), surface and bottom hole location,	
footages, completion target, orientation, completion status	
(standard or non-standard)	
Well #1	Emerald Fed Com #301H Well (API No. Pending)
	SHL: Lot 7 of Section 6, Township 19 South, Range 33
	East, N.M.P.M.
	BHL: Lot 1 of Section 31, Township 18 South, Range 33
	East, N.M.P.M.
	Completion Target: Bone Spring Formation
	Well Orientation: South to North
	Completion Location: Standard
	completion zocation standard
Well #2	Emerald Fed Com #302H Well (API No. Pending)
	SHL: Lot 7 of Section 6, Township 19 South, Range 33
	East, N.M.P.M.
	BHL: Lot 1 of Section 31, Township 18 South, Range 33
	East, N.M.P.M.
	Completion Target: Bone Spring Formation
	Well Orientation: South to North
	Completion Location: Standard
Well #3	Emerald Fed Com #501H Well (API No. Pending)
	SHL: Lot 7 of Section 6, Township 19 South, Range 33
	East, N.M.P.M.
	BHL: Lot 1 of Section 31, Township 18 South, Range 33
	East, N.M.P.M.
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	Completion Target: Bone Spring Formation
	Well Orientation: South to North
	Completion Location: Standard
Well #4	Emerald Fed Com #502H Well (API No. Pending)
	SHL: Lot 7 of Section 6, Township 19 South, Range 33
	East, N.M.P.M.
	BHL: Lot 1 of Section 31, Township 18 South, Range 33
	East, N.M.P.M.
	· ·
	Completion Target: Bone Spring Formation
	Well Orientation: South to North
	Completion Location: Standard
Well #5	Emerald Fed Com #601H Well (API No. Pending)
	SHL: Lot 7 of Section 6, Township 19 South, Range 33
	East, N.M.P.M.
	BHL: Lot 1 of Section 31, Township 18 South, Range 33
	East, N.M.P.M.
	East, N.M.P.M.
	Completion Target: Bone Spring Formation Well Orientation: South to North
	Completion Target: Bone Spring Formation

Received by OCD: 7/18/2024 4:05:03 P. Weil #6	Emerald Fed Com #602H Well (API No. Pending) SHL: Lot 7 of Section 6, Township 19 South, Range 33 East, N.M.P.M. BHL: Lot 1 of Section 31, Township 18 South, Range 33 East, N.M.P.M.
	Completion Target: Bone Spring Formation Well Orientation: South to North Completion Location: Standard
Well #7	Emerald Fed Com #303H Well (API No. Pending) SHL: Lot 7 of Section 6, Township 19 South, Range 33 East, N.M.P.M. BHL: NE/4NW/4 (Unit C) of Section 31, Township 18 South, Range 33 East, N.M.P.M.
	Completion Target: Bone Spring Formation Well Orientation: South to North Completion Location: Standard
Well #8	Emerald Fed Com #513H Well (API No. Pending) SHL: Lot 7 of Section 6, Township 19 South, Range 33 East, N.M.P.M. BHL: NE/4NW/4 (Unit C) of Section 31, Township 18 South, Range 33 East, N.M.P.M.
	Completion Target: Bone Spring Formation Well Orientation: South to North Completion Location: Standard
Well #9	Emerald Fed Com #603H Well (API No. Pending) SHL: Lot 7 of Section 6, Township 19 South, Range 33 East, N.M.P.M. BHL: NE/4NW/4 (Unit C) of Section 31, Township 18 South, Range 33 East, N.M.P.M.
	Completion Target: Bone Spring Formation Well Orientation: South to North Completion Location: Standard
	Emerald Fed Com #304H Well (API No. Pending) SHL: SE/4SE/4 (Unit P) of Section 6, Township 19 South, Range 33 East, N.M.P.M. BHL: NW/4NE/4 (Unit B) of Section 31, Township 18 South, Range 33 East, N.M.P.M.
	Completion Target: Bone Spring Formation Well Orientation: South to North Completion Location: Standard
Well #11	Emerald Fed Com #514H Well (API No. Pending) SHL: SE/4SE/4 (Unit P) of Section 6, Township 19 South, Range 33 East, N.M.P.M. BHL: NW/4NE/4 (Unit B) of Section 31, Township 18 South, Range 33 East, N.M.P.M.
	Completion Target: Bone Spring Formation Well Orientation: South to North Completion Location: Standard
Well#12	Emerald Fed Com #604H Well (API No. Pending) SHL: SE/4SE/4 (Unit P) of Section 6, Township 19 South, Range 33 East, N.M.P.M. BHL: NW/4NE/4 (Unit B) of Section 31, Township 18 South, Range 33 East, N.M.P.M.
	Completion Target: Bone Spring Formation Well Orientation: South to North Completion Location: Standard
Well #13	Emerald Fed Com #305H Well (API No. Pending) SHL: SE/4SE/4 (Unit P) of Section 6, Township 19 South, Range 33 East, N.M.P.M. BHL: NE/4NE/4 (Unit A) of Section 31, Township 18 South, Range 33 East, N.M.P.M.
	Completion Target: Bone Spring Formation Well Orientation: South to North Completion Location: Standard
Well #14	Emerald Fed Com #306H Well (API No. Pending) SHL: SE/4SE/4 (Unit P) of Section 6, Township 19 South, Range 33 East, N.M.P.M. BHL: NE/4NE/4 (Unit A) of Section 31, Township 18 South, Range 33 East, N.M.P.M.
	Completion Target: Bone Spring Formation Well Orientation: South to North Completion Location: Standard

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Well #15	Emerald Fed Com #515H Well (API No. Pending)
	SHL: SE/4SE/4 (Unit P) of Section 6, Township 19
	South, Range 33 East, N.M.P.M. BHL: NE/4NE/4 (Unit A) of Section 31, Township 18
	South, Range 33 East, N.M.P.M.
	,
	Completion Target: Bone Spring Formation
	Well Orientation: South to North
	Completion Location: Standard
Well #16	Emorald Fod Com #E16H Woll (ADI No Donding)
weii #10	Emerald Fed Com #516H Well (API No. Pending) SHL: SE/4SE/4 (Unit P) of Section 6, Township 19
	South, Range 33 East, N.M.P.M.
	BHL: NE/4NE/4 (Unit A) of Section 31, Township 18
	South, Range 33 East, N.M.P.M.
	Completion Target: Bone Spring Formation
	Well Orientation: South to North Completion Location: Standard
	Completion Location. Standard
Well #17	Emerald Fed Com #605H Well (API No. Pending)
	SHL: SE/4SE/4 (Unit P) of Section 6, Township 19
	South, Range 33 East, N.M.P.M.
	BHL: NE/4NE/4 (Unit A) of Section 31, Township 18
	South, Range 33 East, N.M.P.M.
	Completion Target: Bone Spring Formation
	Well Orientation: South to North
	Completion Location: Standard
	,
Well #18	Emerald Fed Com #606H Well (API No. Pending)
	SHL: SE/4SE/4 (Unit P) of Section 6, Township 19
	South, Range 33 East, N.M.P.M.
	BHL: NE/4NE/4 (Unit A) of Section 31, Township 18
	South, Range 33 East, N.M.P.M.
	Completion Target: Bone Spring Formation
	Well Orientation: South to North
	Completion Location: Standard
Horizontal Well First and Last Take Points	Exhibit C-2
Completion Target (Formation, TVD and MD)	Exhibits C-6, C-7, and D-2
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	Exhibit B
Proposed Notice of Hearing Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit E
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit F
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibits C-3 and C-4
Tract List (including lease numbers and owners)	Exhibits C-3 and C-4
	Extribits 6.5 direc 1
If approval of Non-Standard Spacing Unit is requested, Tract List	
(including lease numbers and owners) of Tracts subject to notice	
(including lease numbers and owners) of Tracts subject to notice requirements.	Exhibit C-5
(including lease numbers and owners) of Tracts subject to notice requirements. Pooled Parties (including ownership type)	
(including lease numbers and owners) of Tracts subject to notice requirements. Pooled Parties (including ownership type) Unlocatable Parties to be Pooled	Exhibit C-5 Exhibits C-3 and C-4
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)	Exhibit C-5 Exhibits C-3 and C-4
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Joinder	Exhibit C-5 Exhibits C-3 and C-4 N/A N/A
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Downership Depth Severance (including percentage above & below)  Joinder  Sample Copy of Proposal Letter	Exhibit C-5 Exhibits C-3 and C-4 N/A N/A Exhibit C-6
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Downership Depth Severance (including percentage above & below)  Ioinder  Sample Copy of Proposal Letter  List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-5 Exhibits C-3 and C-4 N/A N/A Exhibit C-6 Exhibit C-4
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Ioinder  Sample Copy of Proposal Letter  List of Interest Owners (ie Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests	Exhibit C-5 Exhibits C-3 and C-4 N/A N/A Exhibit C-6
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Ioinder  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 C-5 Exhibits C-3 and C-4 N/A N/A Exhibit C-6 Exhibit C-4 Exhibit C-8
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & oelow)  Ioinder  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 Equip Well	Exhibit C-5 Exhibits C-3 and C-4 N/A N/A  Exhibit C-6 Exhibit C-4 Exhibit C-8 Exhibits C-6 and C-7 Exhibit C-7 Exhibit C-7
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Ioinder  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 Equip Well  Cost Estimate for Production Facilities	Exhibit C-5 Exhibits C-3 and C-4 N/A N/A  Exhibit C-6 Exhibit C-4 Exhibit C-8 Exhibits C-6 and C-7 Exhibit C-7
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Ioinder  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 of Production Facilities  Geology	Exhibit C-5 Exhibits C-3 and C-4 N/A N/A Exhibit C-6 Exhibit C-4 Exhibit C-8 Exhibits C-6 and C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Ioinder  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 Equip Well  Cost Estimate for Production Facilities  Geology  Summary (including special considerations)	Exhibit C-5 Exhibits C-3 and C-4 N/A N/A N/A Exhibit C-6 Exhibit C-4 Exhibit C-8 Exhibits C-6 and C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit D
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Dwnership Depth Severance (including percentage above & below)  Ioinder  Sample Copy of Proposal Letter  List of Interest Owners (ie Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests  Dverhead Rates In Proposal Letter  Cost Estimate to Drill and Complete  Cost Estimate to Equip Well  Cost Estimate for Production Facilities  Geology  Summary (including special considerations)  Spacing Unit Schematic	Exhibit C-5 Exhibits C-3 and C-4 N/A N/A N/A Exhibit C-6 Exhibit C-4 Exhibit C-8 Exhibits C-6 and C-7 Exhibit C-7
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Iolinder  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 Equip Well  Cost Estimate for Production Facilities  Geology  Summary (including special considerations)  Spacing Unit Schematic  Gunbarrel/Lateral Trajectory Schematic	Exhibit C-5 Exhibits C-3 and C-4 N/A N/A N/A Exhibit C-6 Exhibit C-4 Exhibit C-8 Exhibits C-6 and C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit D
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type) Unlocatable Parties to be Pooled  Dwnership Depth Severance (including percentage above & below)  Ioinder  Sample Copy of Proposal Letter  List of Interest Owners (ie Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests  Dverhead Rates In Proposal Letter  Cost Estimate to Drill and Complete  Cost Estimate to Equip Well  Cost Estimate for Production Facilities  Geology  Summary (including special considerations)  Spacing Unit Schematic  Gunbarrel/Lateral Trajectory Schematic  Well Orientation (with rationale)  Target Formation	Exhibit C-5 Exhibits C-3 and C-4 N/A N/A  Exhibit C-6 Exhibit C-4 Exhibit C-8 Exhibits C-6 and C-7 Exhibit D Exhibits C-2, C-3, D-2, D-3 Exhibits C-3, D-2, and D-3 Exhibit D Exhibits D Exhibit D
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type) Unlocatable Parties to be Pooled  Dwnership Depth Severance (including percentage above & below)  Ioinder  Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA) Chronology of Contact with Non-Joined Working Interests  Dverhead Rates In Proposal Letter Cost Estimate to Drill and Complete Cost Estimate to Equip Well Cost Estimate for Production Facilities  Geology Summary (including special considerations) Spacing Unit Schematic Gunbarrel/Lateral Trajectory Schematic Well Orientation (with rationale)  Target Formation HSU Cross Section	Exhibit C-5 Exhibits C-3 and C-4 N/A N/A  Exhibit C-6 Exhibit C-4 Exhibit C-8 Exhibits C-6 and C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit D Exhibits C-2, C-3, D-2, D-3 Exhibits C-3, D-2, and D-3 Exhibit D Exhibit D-3, D-4
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Dwnership Depth Severance (including percentage above & below)  Ioinder  Sample Copy of Proposal Letter  List of Interest Owners (ie Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests  Dverhead Rates In Proposal Letter  Cost Estimate to Drill and Complete  Cost Estimate to Equip Well  Cost Estimate to Froduction Facilities  Geology  Summary (including special considerations)  Spacing Unit Schematic  Gunbarrel/Lateral Trajectory Schematic  Well Orientation (with rationale)  Target Formation  HSU Cross Section  Depth Severance Discussion	Exhibit C-5 Exhibits C-3 and C-4 N/A N/A Exhibit C-6 Exhibit C-4 Exhibit C-8 Exhibits C-6 and C-7 Exhibit D Exhibits C-2, C-3, D-2, D-3 Exhibit D Exhibits C-3, D-2, and D-3 Exhibit D Exhibit D
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type) Unlocatable Parties to be Pooled Ownership Depth Severance (including percentage above & below)  Ioinder  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 Equip Well Cost Estimate for Production Facilities  Geology Summary (including special considerations) Spacing Unit Schematic Gunbarrel/Lateral Trajectory Schematic Well Orientation (with rationale) Target Formation HSU Cross Section Depth Severance Discussion Forms, Figures and Tables	Exhibit C-5 Exhibits C-3 and C-4 N/A  N/A  Exhibit C-6 Exhibit C-4 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit D Exhibits C-2, C-3, D-2, D-3 Exhibits C-3, D-2, and D-3 Exhibit D Exhibit D-3, D-4 N/A
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type) Unlocatable Parties to be Pooled  Dwnership Depth Severance (including percentage above & below)  Ioinder  Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA) Chronology of Contact with Non-Joined Working Interests  Dverhead Rates In Proposal Letter Cost Estimate to Drill and Complete Cost Estimate to Equip Well Cost Estimate for Production Facilities  Geology Summary (including special considerations) Spacing Unit Schematic  Gunbarrel/Lateral Trajectory Schematic  Well Orientation (with rationale) Target Formation  HSU Cross Section Depth Severance Discussion  Forms, Figures and Tables C-102	Exhibit C-5 Exhibits C-3 and C-4 N/A  N/A  Exhibit C-6 Exhibit C-4 Exhibit C-6 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit D-7 Exhibit D-7 Exhibit D-7 Exhibit D-7 Exhibit C-7 Exhibit D-7 Exhibit D-7 Exhibit C-7 Exhibit C-8 Exhibit C-9
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type) Unlocatable Parties to be Pooled  Dwnership Depth Severance (including percentage above & below)  Ioinder  Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests  Dverhead Rates In Proposal Letter Cost Estimate to Drill and Complete Cost Estimate to Equip Well  Cost Estimate for Production Facilities  Geology  Summary (including special considerations) Spacing Unit Schematic Gunbarrel/Lateral Trajectory Schematic Well Orientation (with rationale) Target Formation  HSU Cross Section Depth Severance Discussion  Forms, Figures and Tables C-102  Tracts	Exhibit C-5 Exhibits C-3 and C-4 N/A  N/A  Exhibit C-6 Exhibit C-4 Exhibit C-8 Exhibits C-6 and C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit D Exhibits C-2, C-3, D-2, D-3 Exhibits C-3, D-2, and D-3 Exhibit D Exhibit D Exhibit D Exhibit D Exhibit D Exhibit C-2 Exhibit C-2 Exhibit C-3
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type) Unlocatable Parties to be Pooled  Dwnership Depth Severance (including percentage above & below)  Ioinder  Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA) Chronology of Contact with Non-Joined Working Interests  Dverhead Rates In Proposal Letter Cost Estimate to Drill and Complete Cost Estimate to Equip Well Cost Estimate for Production Facilities  Geology Summary (including special considerations) Spacing Unit Schematic  Gunbarrel/Lateral Trajectory Schematic  Well Orientation (with rationale) Target Formation  HSU Cross Section Depth Severance Discussion  Forms, Figures and Tables C-102	Exhibit C-5 Exhibits C-3 and C-4 N/A  N/A  Exhibit C-6 Exhibit C-4 Exhibit C-6 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit D-7 Exhibit D-7 Exhibit D-7 Exhibit D-7 Exhibit C-7 Exhibit D-7 Exhibit D-7 Exhibit C-7 Exhibit C-8 Exhibit C-9
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type) Unlocatable Parties to be Pooled Ownership Depth Severance (including percentage above & below) Ioinder  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 Equip Well Cost Estimate for Production Facilities  Geology Summary (including special considerations) Spacing Unit Schematic Gunbarrel/Lateral Trajectory Schematic Well Orientation (with rationale) Iarget Formation HSU Cross Section Depth Severance Discussion Forms, Figures and Tables C-102 Tracts Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-5 Exhibits C-3 and C-4 N/A  N/A  Exhibit C-6 Exhibit C-4 Exhibit C-8 Exhibits C-6 and C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit D Exhibits C-2, C-3, D-2, D-3 Exhibits C-3, D-2, and D-3 Exhibit D Exhibit D Exhibit D Exhibit D Exhibit C-3, D-2, and D-3 Exhibit D Exhibit C-3, D-2, and D-3 Exhibit C-3, D-4 N/A
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type) Unlocatable Parties to be Pooled  Dwnership Depth Severance (including percentage above & below)  Ioinder  Sample Copy of Proposal Letter  List of Interest Owners (ie Exhibit A of JOA) Chronology of Contact with Non-Joined Working Interests  Dwerhead Rates in Proposal Letter Cost Estimate to Drill and Complete Cost Estimate to Equip Well Cost Estimate for Production Facilities  Geology Summary (including special considerations) Spacing Unit Schematic  Gunbarrel/Lateral Trajectory Schematic  Well Orientation (with rationale) Target Formation  HSU Cross Section Depth Severance Discussion  Forms, Figures and Tables C-102 Tracts Summary of Interests, Unit Recapitulation (Tracts) General Location Map (including basin)  Well Bore Location Map	Exhibit C-5 Exhibits C-3 and C-4 N/A  N/A  Exhibit C-6 Exhibit C-4 Exhibit C-4 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit D Exhibits C-2, C-3, D-2, D-3 Exhibits D Exhibit C-3 Exhibit C-4 Exhibit C-5 Exhibit D Exhibit D Exhibit D Exhibit D Exhibit D Exhibit D Exhibit C-3, D-4 N/A
(including lease numbers and owners) of Tracts subject to notice requirements.  Pooled Parties (including ownership type) Unlocatable Parties to be Pooled  Dwnership Depth Severance (including percentage above & below)  Ioinder  Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests  Dverhead Rates In Proposal Letter Cost Estimate to Drill and Complete Cost Estimate to Equip Well Cost Estimate for Production Facilities  Geology  Summary (including special considerations) Spacing Unit Schematic Gunbarrel/Lateral Trajectory Schematic Well Orientation (with rationale)  Target Formation HSU Cross Section Depth Severance Discussion  Forms, Figures and Tables  C-102  Tracts Summary of Interests, Unit Recapitulation (Tracts) General Location Map (including basin) Well Bore Location Map Structure Contour Map - Subsea Depth Cross Section Location Map (including wells)	Exhibit C-5 Exhibits C-3 and C-4 N/A  N/A  Exhibit C-6 Exhibit C-4 Exhibit C-8 Exhibits C-6 and C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit C-7 Exhibit D Exhibits C-3, D-2, D-3 Exhibits C-3, D-2, and D-3 Exhibit D Exhibit D Exhibit C-7 Exhibit C-7 Exhibit C-3, D-2, and D-3 Exhibit C-4 Exhibit C-2 Exhibit C-2 Exhibit C-3 Exhibit C-4 Exhibit C-4 Exhibits C-1, C-3, D-3, and D-3 Exhibit C-2 Exhibit C-2 Exhibit C-3 Exhibit C-4 Exhibits C-1, C-3, D-3, and D-3 Exhibit D-2 Exhibit D-2
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