#### **DOCUMENT LISTING**

#### **OCD CASE 21483**

# **Application of Catena Resources Operating, LLC for Compulsory Pooling, Lea County, New Mexico**

OCD Hearing Thursday, April 22, 2021

This case will be presented by Affidavit

- Compulsory Pooling Application Checklist;
- Application OCD Case 21483 filed on 9/30/2020;
- Affidavit of Brian Moore w-attachments as indicated;
- Affidavit of Christopher J. Canon w-attachments as indicated;
- Affidavit of Ernest L. Padilla w-attachments as indicated.

COMPULSORY POOLING APPLICATION CHECKLIST	
ALL INFORMAION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AF	FIDAVITS
Case: 21483	Applicant's Response
Date: April 20, 2021	
Applicant	Catena Resources Operating, LLC
Designated Operator & OGRID (affiliation if applicable)	328449
Applicant's Counsel	Ernest L. Padilla
Case Title:	Application of Catena Resources Operating, LLC for compulsory pooling in
	Lea County, New Mexico
Entries of Appearance/Intervenors	James Bruce/MRC Permian Company Ocean Munds-Dry/COG
Well Family	Rambo 193517
Formation/Pool	
Formation Name(s) or Verticle Extent	Scharb; Bone Spring
Primary Product (Oil or Gas)	Oil
Pooling this verticle extent	Scharb Bone Spring Pool
Pool Name and Pool Code	Scharb Bone Spring Pool-Pool Code 55610
Well Location Setback Rules	Standard
Spacing Unit Size	640
Spacing Unit	
Type (Horizontal/Verticle)	Horizontal
Size (acres)	640
Building Blocks	
	quarter/quarter
Orientation	North/South
Description: TRS/County	E/2 E/2 of Sections 8 and 17, T19S, R35E, Lea County, NM
Description: TRS/County	E/2 E/2 of Sections 8 and 17, T19S, R35E, Lea County, NM
Standard Horizontal Well Spacing Unit	Yes
Other Situations	
Depth Severance: No	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: If yes, description	No
Applicant's Ownership in Each Tract	
Well(s)	
Name & API (If assigned), surface and bottom hole location	
footages, completion target, orientation, completion status	
(standard or non-standard)	
Horizontal Well First and Last Take Points	190' FNL, 1390' FEL, NMPM; BHL: Unit A of Section 8, Township 19 South, Range 35 East; 100' FNL, 1200' FEL, NMPM;
HOHZOHGH WEHTHSC BIIG LESS TAKE FOIRES	
Completion Target (Formation, TVD and MD)	TVD-9 740' TMD-20 444'
Completion Target (Formation, TVD and MD)	TVD-9,740' TMD-20,444'
	TVD-9,740' TMD-20,444'  Identify the Exhibit and Page for Information below this line
AFE Capex and Operating Costs	Identify the Exhibit and Page for Information below this line
AFE Capex and Operating Costs Drilling Supervision/Month \$	Identify the Exhibit and Page for Information below this line \$8500/\$850
AFE Capex and Operating Costs Drilling Supervision/Month \$ Production Supervision/Month \$	Identify the Exhibit and Page for Information below this line \$8500/\$850 Exhibit B-6
AFE Capex and Operating Costs Drilling Supervision/Month \$ Production Supervision/Month \$ Justification for Supervision Costs	Identify the Exhibit and Page for Information below this line \$8500/\$850 Exhibit B-6 Exhibit B-6
AFE Capex and Operating Costs Drilling Supervision/Month \$ Production Supervision/Month \$ Justification for Supervision Costs Request Risk Charge	Identify the Exhibit and Page for Information below this line \$8500/\$850 Exhibit B-6
AFE Capex and Operating Costs Drilling Supervision/Month \$ Production Supervision/Month \$ Justification for Supervision Costs Request Risk Charge Notice of Hearing	Identify the Exhibit and Page for Information below this line \$8500/\$850 Exhibit B-6 Exhibit B-6 200%
AFE Capex and Operating Costs Drilling Supervision/Month \$ Production Supervision/Month \$ Justification for Supervision Costs Request Risk Charge Notice of Hearing Proposed Notice of Hearing	Identify the Exhibit and Page for Information below this line \$8500/\$850 EXhibit B-6 Exhibit B-6 200% Exhibit C
AFE Capex and Operating Costs Drilling Supervision/Month \$ Production Supervision/Month \$ Justification for Supervision Costs Request Risk Charge Notice of Hearing Proposed Notice of Hearing Proof of Mailed Notice of Hearing (20 days before hearing)	Identify the Exhibit and Page for Information below this line \$8500/\$850 Exhibit B-6 Exhibit B-6 200% Exhibit C Exhibit C
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed Notice of Hearing  Proof of Mailed Notice of Hearing (20 days before hearing)  Proof of Published Notice of Hearing (10 days before hearing)	Identify the Exhibit and Page for Information below this line \$8500/\$850 EXhibit B-6 Exhibit B-6 200% Exhibit C
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed Notice of Hearing  Proof of Mailed Notice of Hearing (20 days before hearing)  Proof of Published Notice of Hearing (10 days before hearing)  Ownership Determination	Identify the Exhibit and Page for Information below this line \$8500/\$850 Exhibit B-6 Exhibit B-6 200%  Exhibit C Exhibit C None
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed Notice of Hearing  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	Identify the Exhibit and Page for Information below this line \$8500/\$850 Exhibit B-6 Exhibit B-6 200%  Exhibit C Exhibit C Exhibit C Exhibit C Exhibit B-1
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed Notice of Hearing  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  Tract List (including lease numbers and owners)	Identify the Exhibit and Page for Information below this line  \$8500/\$850 Exhibit B-6 Exhibit B-6 200%  Exhibit C Exhibit C Exhibit C None  Exhibit B-1 Exhibit B-1
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed Notice of Hearing  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  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)	Identify the Exhibit and Page for Information below this line  \$8500/\$850 Exhibit B-6 Exhibit B-6 200%  Exhibit C Exhibit C Exhibit C None  Exhibit B-1 Exhibit B-1 Exhibit B-1
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed Notice of Hearing  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  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled	Identify the Exhibit and Page for Information below this line  \$8500/\$850 Exhibit B-6 Exhibit B-6 200% Exhibit C Exhibit C Exhibit C Exhibit B-1 Exhibit B-1 Exhibit B-1 None
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed Notice of Hearing  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  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)	Identify the Exhibit and Page for Information below this line  \$8500/\$850 Exhibit B-6 Exhibit B-6 200%  Exhibit C Exhibit C Exhibit C None  Exhibit B-1 Exhibit B-1 Exhibit B-1
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed Notice of Hearing  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  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Joinder	Identify the Exhibit and Page for Information below this line  \$8500/\$850 Exhibit B-6 Exhibit B-6 200%  Exhibit C Exhibit C None  Exhibit B-1 Exhibit B-1 Exhibit B-1 None None
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed Notice of Hearing  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  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Joinder  Sample Copy of Proposed Letter	Identify the Exhibit and Page for Information below this line  \$8500/\$850 Exhibit B-6 Exhibit B-6 200%  Exhibit C Exhibit C None  Exhibit B-1 Exhibit B-1 Exhibit B-1 None None
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed 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)  Ownership Determination  Land Ownership Schematic of the Spacing Unit  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Joinder  Sample Copy of Proposed Letter  List of Interest Owners (ie Exhibit A of JOA)	Identify the Exhibit and Page for Information below this line  \$8500/\$850 Exhibit B-6 Exhibit B-6 200%  Exhibit C Exhibit C None  Exhibit B-1
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed Notice of Hearing  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  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Joinder  Sample Copy of Proposed Letter  List of Interest Owners (ie Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests	Identify the Exhibit and Page for Information below this line  \$8500/\$850 Exhibit B-6 Exhibit B-6 200%  Exhibit C Exhibit C None  Exhibit B-1 Exhibit B-1 Exhibit B-1 None None
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed 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)  Ownership Determination  Land Ownership Schematic of the Spacing Unit  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Joinder  Sample Copy of Proposed Letter  List of Interest Owners (ie Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests  Overhead Rates in Proposal Letter	Identify the Exhibit and Page for Information below this line  \$8500/\$850 Exhibit B-6 Exhibit B-6 200%  Exhibit C Exhibit C None  Exhibit B-1
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed 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)  Ownership Determination  Land Ownership Schematic of the Spacing Unit  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Joinder  Sample Copy of Proposed Letter  List of Interest Owners (ie Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests  Overhead Rates in Proposal Letter  Cost Estimates to Drill and Complete	Identify the Exhibit and Page for Information below this line  \$8500/\$850 EXhibit B-6 EXhibit B-6 200%  Exhibit C Exhibit C None  Exhibit B-1
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed 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)  Ownership Determination  Land Ownership Schematic of the Spacing Unit  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Joinder  Sample Copy of Proposed Letter  List of Interest Owners (ie Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests  Overhead Rates in Proposal Letter  Cost Estimates to Drill and Complete  Cost Estimates to Drill and Complete	Identify the Exhibit and Page for Information below this line  \$8500/\$850 Exhibit B-6 Exhibit B-6 200%  Exhibit C Exhibit C None  Exhibit B-1 Exhibit B-1 Exhibit B-1 Exhibit B-1 Exhibit B-2 Exhibit B-2 Exhibit B-4  Exhibit B-4  Exhibit B-6 Exhibit B-6 Exhibit B-6
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed 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)  Ownership Determination  Land Ownership Schematic of the Spacing Unit  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Joinder  Sample Copy of Proposed Letter  List of Interest Owners (ie Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests  Overhead Rates in Proposal Letter  Cost Estimates to Drill and Complete  Cost Estimates to Equip Well  Cost Estimate for Production Facilities	Identify the Exhibit and Page for Information below this line  \$8500/\$850 EXhibit B-6 EXhibit B-6 200%  Exhibit C Exhibit C None  Exhibit B-1
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed 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)  Ownership Determination  Land Ownership Schematic of the Spacing Unit  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Joinder  Sample Copy of Proposed Letter  List of Interest Owners (le Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests  Overhead Rates in Proposal Letter  Cost Estimates to Drill and Complete  Cost Estimate to Equip Well  Cost Estimate for Production Facilities  Geology	Identify the Exhibit and Page for Information below this line  \$8500/\$850 Exhibit B-6 Exhibit B-6 200%  Exhibit C Exhibit C None  Exhibit B-1  Exhibit B-1  Exhibit B-1  Exhibit B-1  Exhibit B-1  Exhibit B-1  Exhibit B-5 Exhibit B-6 Exhibit B-6 Exhibit B-6 Exhibit B-6
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed 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)  Ownership Determination  Land Ownership Schematic of the Spacing Unit  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Joinder  Sample Copy of Proposed Letter  List of Interest Owners (ie Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests  Overhead Rates in Proposal Letter  Cost Estimates to Drill and Complete  Cost Estimate to Equip Well  Cost Estimate for Production Facilities  Geology  Summary (including special considerations)	Identify the Exhibit and Page for Information below this line  \$8500/\$850 Exhibit B-6 Exhibit B-6 200%  Exhibit C Exhibit C None  Exhibit B-1 Exhibit B-1 Exhibit B-1 Exhibit B-1 None None  Exhibit B-1 Exhibit B-5 Exhibit B-6 Exhibit B-6 Exhibit B-6 Exhibit B-6 Exhibit B-6 Exhibit B-6
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed 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)  Ownership Determination  Land Ownership Schematic of the Spacing Unit  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Joinder  Sample Copy of Proposed Letter  List of Interest Owners (Ie Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests  Overhead Rates in Proposal Letter  Cost Estimates to Drill and Complete  Cost Estimate to Equip Well  Cost Estimate for Production Facilities  Geology  Summary (including special considerations)  Spacing Unit Schematic	Identify the Exhibit and Page for Information below this line  \$8500/\$850 Exhibit B-6 Exhibit B-6 200%  Exhibit C Exhibit C None  Exhibit B-1  Exhibit B-1  Exhibit B-1  Exhibit B-1  Exhibit B-1  Exhibit B-1  Exhibit B-5 Exhibit B-6 Exhibit B-6 Exhibit B-6 Exhibit B-6
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed 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)  Ownership Determination  Land Ownership Schematic of the Spacing Unit  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Joinder  Sample Copy of Proposed Letter  List of Interest Owners (ie Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests  Overhead Rates in Proposal Letter  Cost Estimates 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	Identify the Exhibit and Page for Information below this line  \$8500/\$850 Exhibit B-6 Exhibit B-6 200%  Exhibit C Exhibit C Exhibit C None  Exhibit B-1 Exhibit B-1 Exhibit B-1 Exhibit B-1 Exhibit B-1 Exhibit B-2 Exhibit B-5 Exhibit B-6 Exhibit B-6 Exhibit B-6 Exhibit B-6 Exhibit B-6 Exhibit B-6 Exhibit A-2 & Exhibit A-3
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed 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)  Ownership Determination  Land Ownership Schematic of the Spacing Unit  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Joinder  Sample Copy of Proposed Letter  List of Interest Owners (Ie Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests  Overhead Rates in Proposal Letter  Cost Estimates to Drill and Complete  Cost Estimates to Equip Well  Cost Estimate for Production Facilities  Geology  Summary (including special considerations)  Spacing Unit Schematic  Gunbarrel/Lateral Trajectory Schematic  Well Orientation (with rationale)	Identify the Exhibit and Page for Information below this line  \$8500/\$850 Exhibit B-6 Exhibit B-6 200%  Exhibit C Exhibit C None  Exhibit B-1 Exhibit B-6 Exhibit B-6 Exhibit B-6 Exhibit B-6 Exhibit B-6 Exhibit B-6 Exhibit A-2 & Exhibit A-3 Exhibit A-2
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed 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)  Ownership Determination  Land Ownership Schematic of the Spacing Unit  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Joinder  Sample Copy of Proposed Letter  List of Interest Owners (ie Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests  Overhead Rates in Proposal Letter  Cost Estimates to Drill and Complete  Cost Estimates 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	Identify the Exhibit and Page for Information below this line  \$8500/\$850 Exhibit B-6 Exhibit B-6 200%  Exhibit C Exhibit C None  Exhibit B-1 Exhibit B-1 Exhibit B-1 Exhibit B-1 Exhibit B-2 Exhibit B-5 Exhibit B-2 Exhibit B-4  Exhibit B-6 Exhibit B-6 Exhibit B-6 Exhibit B-6 Exhibit A pages 1-3 & A-1 Exhibit A-2 & Exhibit A-3  Exhibit A-2 Exhibit A-2 Exhibit A-2 Exhibit A-2
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed 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)  Ownership Determination  Land Ownership Schematic of the Spacing Unit  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Joinder  Sample Copy of Proposed Letter  List of Interest Owners (le Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests  Overhead Rates in Proposal Letter  Cost Estimates to Drill and Complete  Cost Estimates 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	Identify the Exhibit and Page for Information below this line  \$8500/\$850 Exhibit B-6 Exhibit B-6 Exhibit C Exhibit C Exhibit C None  Exhibit B-1 Exhibit B-1 Exhibit B-1 Exhibit B-1 Exhibit B-2 Exhibit B-5 Exhibit B-2 Exhibit B-4  Exhibit B-6 Exhibit B-6 Exhibit B-6 Exhibit A pages 1-3 & A-1 Exhibit A-2 & Exhibit A-3  Exhibit A-2
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed 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)  Ownership Determination  Land Ownership Schematic of the Spacing Unit  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Joinder  Sample Copy of Proposed Letter  List of Interest Owners (le Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests  Overhead Rates in Proposal Letter  Cost Estimates 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	Identify the Exhibit and Page for Information below this line  \$8500/\$850 Exhibit B-6 Exhibit B-6 Exhibit C Exhibit C None  Exhibit B-1 Exhibit B-1 Exhibit B-1 Exhibit B-1 None None  Exhibit B-5 Exhibit B-5 Exhibit B-6 Exhibit B-6 Exhibit B-6 Exhibit B-6 Exhibit A-2 & Exhibit A-3  Exhibit A-2 Exhibit A-4 None
AFE Capex and Operating Costs  Drilling Supervision/Month \$  Production Supervision/Month \$  Justification for Supervision Costs  Request Risk Charge  Notice of Hearing  Proposed 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)  Ownership Determination  Land Ownership Schematic of the Spacing Unit  Tract List (including lease numbers and owners)  Pooled Parties (including ownership type)  Unlocatable Parties to be Pooled  Ownership Depth Severance (including percentage above & below)  Joinder  Sample Copy of Proposed Letter  List of Interest Owners (le Exhibit A of JOA)  Chronology of Contact with Non-Joined Working Interests  Overhead Rates in Proposal Letter  Cost Estimates to Drill and Complete  Cost Estimates 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	Identify the Exhibit and Page for Information below this line  \$8500/\$850 Exhibit B-6 Exhibit B-6 Exhibit C Exhibit C Exhibit C None  Exhibit B-1 Exhibit B-1 Exhibit B-1 Exhibit B-1 Exhibit B-2 Exhibit B-5 Exhibit B-2 Exhibit B-4  Exhibit B-6 Exhibit B-6 Exhibit B-6 Exhibit A pages 1-3 & A-1 Exhibit A-2 & Exhibit A-3  Exhibit A-2

Tracts	Exhibit B-1
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit B-1
General Location Map (including basin)	Exhibit A-2
Well Orientation (with rationale)	Exhibit A-2 & Exhibit A-4
Structure Contour Map - Subsea Depth	Exhibit A-3
Cross Section Location Map (including wells)	Exhibit A-4
Cross Section (including Landing Zone)	Exhibit A-4
Additional Information CERTIFICATION: I hereby certify that the information provided i	n this checklist is complete and accurate.
Printed Name: (Attorney or Party Representative):	Ernest L. Padilla
Signed Name: (Attorney or Party Representative):	and ! Herdell
Date:	4/20/2021

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

APPLICATION OF CATENA RESOURCES OPERATING, LLC FOR COMPULSORY POOLING IN LEA COUNTY, NEW MEXICO

CASE NO. <u>41483</u>

#### **APPLICATION FOR COMPULSORY POOLING**

CATENA RESOURCES OPERATING, LLC (OGRID 328449) applies for an order pooling all mineral interests within the Scharb Bone Spring Pool (Pool Code 55610), underlying the E/2 E/2 of Sections 8 and 17, Township 19 South, Range 35 East, NMPM, Lea County, New Mexico. In support of this application, Applicant states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to dedicate the above referenced horizontal spacing unit to the following initial well:

#### Rambo 2H

SHL: Unit B of Section 20, Township 19 South, Range 35 East;

190' FNL, 1390' FEL, NMPM;

BHL: Unit A of Section 8, Township 19 South, Range 35 East;

100' FNL, 1200' FEL, NMPM;

Completion Target: Scharb Bone Spring;

Well Orientation: North/South Completion Location: standard.

- 3. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all of the working interest owners in the subject spacing unit.
- 4. The requested pooling of interests will avoid the drilling of unnecessary wells, will prevent waste and will protect correlative rights.
  - 5. In order to permit Applicant to obtain its just and fair share of the oil and gas

underlying the subject lands, all uncommitted interests in this horizontal spacing unit should be pooled and Applicant should be designated the operator of this proposed horizontal well and the proposed spacing unit.

WHEREFORE, Applicant, requests after notice and hearing, the Division enter its order:

- A. Pooling all uncommitted interests in this horizontal spacing unit;
- B. Approving one initial horizontal well in this spacing unit;
- C. Designating Applicant operator of this spacing unit and the horizontal well to be drilled thereon;
- D. Authorizing Applicant to recover its costs of drilling, equipping and completing the well;
- E. Approving the actual operating charges and costs of supervision while drilling and after completing, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and;
- F. Imposing a 200% charge for risk assumed by Applicant in drilling and completing the well against any working interest owner who does not voluntarily participate in the drilling of the well.

PADILLA LAW FIRM, P.A.

By: /s/ Ernest L. Padilla

Ernest L. Padilla P.O. Box 2523 Santa Fe, New Mexico 87504 (505) 988-7577 padillalaw@gwestoffice.net

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

APPLICATION OF CATENA RESOURCES OPERATING, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

**CASE NO. 21483** 

#### **AFFIDAVIT OF BRIAN MOORE**

BRIAN MOORE, of lawful age and being first duly sworn, declares as follows:

- 1. My name is Brian Moore. I work for Catena Resources Operating, LLC ("Catena") as a Geologist.
- 2. I have not testified before the New Mexico Oil Conservation Division as an expert witness. **Exhibit A-1** is my curriculum vita in support of testifying as an expert witness before the New Mexico Oil Conservation Division.
- 3. I am familiar with the application filed by Catena in this matter and I have conducted a geologic study of the lands in the subject area.
- 4. **Exhibit A-2** is a project location map that shows the location of the proposed horizontal well spacing unit.
- 5. Catena is initially targeting the First Bone Spring interval of the Bone Spring formation. Exhibit A-3 is a subsea structure map that I prepared for this interval with 20-foot contours. The proposed horizontal well spacing unit is highlighted in red, and the initial well is depicted with a green dashed line. Existing producing wells in the First Bone Spring interval are represented by solid orange lines. The structure map shows the Bone Spring dipping gently to the South. The structure appears consistent across the proposed spacing unit and I do not observe any faulting, pinch outs, or other geologic impediments to drilling horizontal wells in this area.

- 1. **Exhibit A-3** also shows a cross-section line in red running North to South reflecting four wells penetrating the Bone Spring formation that I used to construct a stratigraphic cross-section from A to A'. These wells contain good logs and I consider them representative of the geology in the subject area.
- 2. **Exhibit A-4** is a stratigraphic cross-section that I prepared using the logs from the four wells noted on Exhibit A-3. Each well in the cross-section contains the gamma ray in the first track, resistivity in the second track, and porosity curves in the third track. The initial target interval is labeled and marked. The cross-section demonstrates that the targeted interval is continuous across the proposed spacing unit.
- 3. **Exhibit A-5** is a Gross Isopach map of the First Bone Spring interval. The proposed horizontal well spacing unit is highlighted in red and the initial well is depicted with a green dashed line. Existing producing wells in the First Bone Spring are represented by solid orange lines. The anticipated gross thickness of the First Bone Spring interval is 240 to 330 ft. The gross isopach map demonstrates that the First Bone Spring interval is present across the proposed spacing unit. The location of the previous cross-section from A-A' in Exhibit A-4 is also shown as a brown line on this map.
- 4. In my opinion the stand-up orientation of the proposed well is the preferred orientation for horizontal well development in this area and is appropriate to efficiently and effectively develop the subject acreage.
- 5. Based on my geologic study, the Bone Spring formation underlying the subject area is suitable for development by horizontal wells and the acreage comprising the proposed spacing unit will be productive and contribute proportionately to the production from the well.

- 6. In my opinion, the granting of Catena's application is in the best interest of conservation, the prevention of waste, and protection of correlative rights.
- 7. **Exhibits A-2** through **A-5** were either prepared by me or compiled under my direction and supervision.

FURTHER AFFIANT SAYETH NOT

BRIAN MOORE

STATE OF TEXAS

COUNTY OF HARRIS

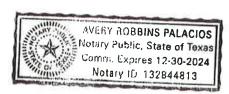
(COUNTY OF HARRIS

SUBSCRIBED and SWORN to before me this 15 hday of 1998 2021 by Brian Moore on behalf of Catena Resources Operating, LLC.

AVERY ROBBINS PAIACUS

My Commission Expires:

12130 2024



#### Brian Moore - Professional Geoscientist

<u>Professional Summary</u> – 15+ year petroleum industry career with broad experience in conventional and unconventional exploration and development. Proficient in subsurface mapping and log analysis. Experience in 2D & 3D seismic interpretation.

#### EMPLOYMENT HISTORY

#### Percussion Petroleum II, LLC Houston, TX

May 2020-Present

VP of Geosciences

- Subsurface mapping of Wolfcamp and Bone Springs Formations in Lea Co, NM asset
- Trend analysis in multiple basins across the lower 48 with an emphasis on the Permian and Gulf of Mexico Basins
- Provide subsurface characterization support on multiple oil and gas asset evaluations
- Mentoring and training staff geolgists

#### Sabine Oil and Gas, LLC Houston, TX

April 2017-May 2020

Supervisor of Geology

- Worked with team to grow company reserves
- Providing geologic leadership for a "start from scratch" drilling campaign, 2 rig drilling program in East Texas
- Provided geologic evaluations quantifying development upside for 6 divestitures totaling over \$325M
- Complete multiple field studies on East Texas assets
- Managing subsurface database
- Reviewing and guiding subsurface projects; mentoring and training staff geologists

#### **Breitburn Energy Partners** Houston, TX

Nov 2014-April 2017

Exploitation Manager/ Geoscience Supervisor

- Worked with an interdisciplinary team of managers and supervisors to manage the performance of assets in the Midland Basin
- Evaluated seven reservoirs, across the northern Midland Basin
- Increased recoverable resource potential on operated acreage, by subsurface evaluation, monitoring industry activity, and horizontal well spacing analysis.
- Provided geologic support for a multi-rig horizontal drilling plan in the Midland Basin, including bolt-on and acreage trade evaluations, well location selection, well design, landing point selection, and geo-steering.
- Reviewed and guided projects submitted by staff, assisted in training of staff

#### **Quantum Resources Management** Houston, TX

July 2013-Nov 2014

Senior Geologist

Geologist on an integrated team responsible for 4 fields in NLA/ SARK



- Completed a field study Homer Field, NLA
- Completed a reservoir study of the Haynesville Formation at Shongaloo Field
- Drilled 167 wells in a drilling program in Tullos Oil Field, NLA
- Made recommendations on bolt-on leasing, acquisitions, drilling, recompletions, and data collection

# Grenadier Energy PartnersThe Woodlands, TX2012-July 2013Senior Geologist2005-2012Professional DevelopmentSenior Geologist2010-2012Geologist II2007-2009Geologist2005- 2006

#### Work Experience

#### New Ventures, Texas and Louisiana

- Worked on an integrated team to identify and rank unconventional oil trends in the northern GoM
- Generated and matured prospects in trends identified by team
- Made recommendations on leasing, drilling, and data collection on two liquid-rich prospects

#### Mesozoic Exploration, East Texas and North Louisiana

- Responsible for providing geological, geophysical, and reservoir support for exploratory well operations, in the Haynesville/ Bossier shale play.
- Worked with an integrated team to develop and propose the 2010 appraisal drilling program for the Haynesville/ Bossier shale play.
- Generating maps on reservoir, production, and rock property data to characterize the Haynesville/ Bossier shales and understand the geologic controls on the shales producibility.

#### Gulf Coast Exploration, Texas and Louisiana

- Responsible for providing geological and reservoir support for exploratory and appraisal well operations, in Matagorda Co., TX
- Generated regional sand isopach maps in the Lower Miocene in S. Louisiana.
- Assisted exploration team to develop prospects by providing support with fault seal analysis, trap analogy, sand mapping, and reservoir mapping of analogous fields.
- Generated regional sand isopach and analogous field maps in the down-dip Yegua trend in SE Texas.
- Originated three leads in the Yegua and laid out the 2D seismic grid to define the leads.

#### Carthage Exploitation, East Texas

- Responsible for providing geological and reservoir support for vertical and horizontal developmental well operations, with on-site experience
- Completed reservoir studies of the Travis Peak Fm. & Cotton Valley Fm. in

Bethany Field, Panola Co., TX, field studies provided justification for a 2006 & 2007 drilling program in Bethany Field

#### **EDUCATION**

B.S., Geology, The University of Texas at Austin, 2003 M.S., Geology, The University of Texas at Austin, 2005

#### **SKILLS & PROFESSIONAL AFFILIATIONS**

- Petra Software; Log Analysis and Interpretation (Power Log and Petra); 2D & 3D Scismic Interpretation (Landmark Seisworks, Seisware, SMT Kingdom);
   Subsurface Mapping; Sandstone, Shale, & Carbonate Stratigraphy and Facies Analysis; IHS Inerdeq; Drilling Info
- Professional Geoscientist No. 720 Louisiana Board of Professional Geoscientists; A.A.P.G.; H.G.S.

+ 11 305 XII BK SN 17'S 30'E 178 ME Case No. 21483
Exhibit A-2: Locator Map 125356 300.000 30. S\$5 175 3UE 13 175 376 12 19S - 34E 1955 3775 305.00 20S 38E 176 396 380.58 | W 195 - 35E M. I 300 19 **#** 17\* + + Rambo 193517 2H SHL First Bone Spring LISIPA 2 Wolfcamp A Third Bone Spring Second Bone Spring ß 5 PETROLEUM II Scale = 1:24000 1000 2000 3000

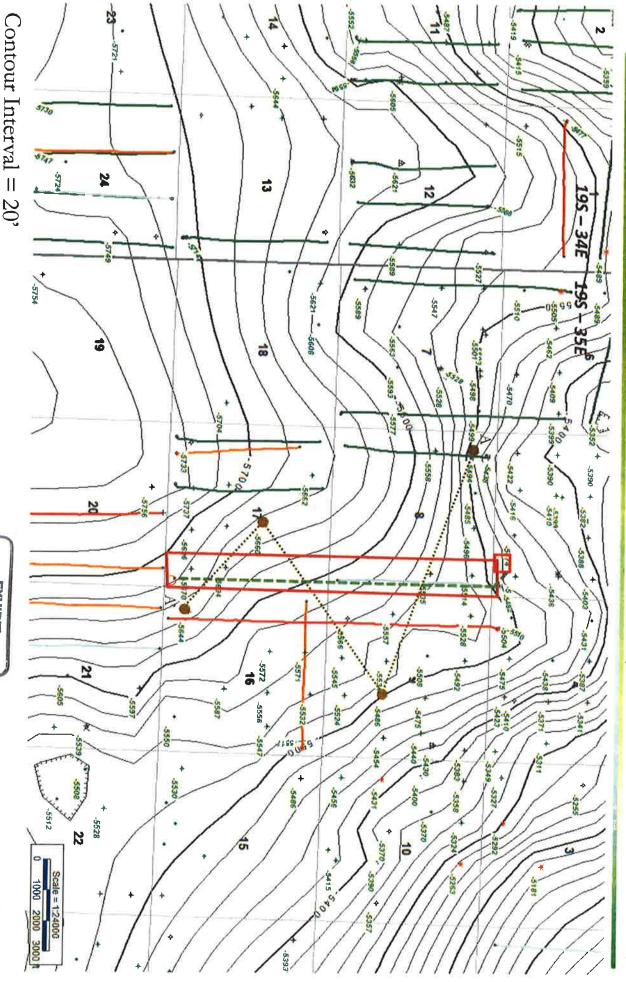
First Bone Spring

Case No. 21483

Exhibit A-3: First Bone Spring Structure (Subsea TVD-ft)

First Bone Spring Second Bone Spring Third Bone Spring Wolfcamp A

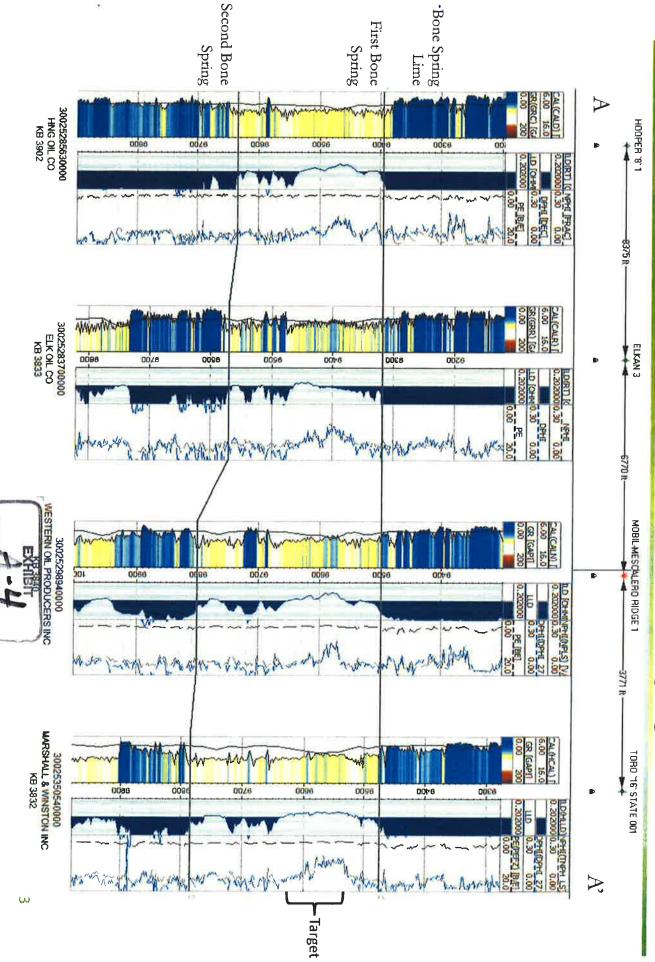
PERCUSSION I



EXHIBIT

Case No. 21483

Exhibit A-4: Stratigraphic Cross section A-A' - First Bone Spring Datum





Case No. 21483

# Exhibit A-5: First Bone Spring Gross Isopach (TVD-ft)







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

APPLICATION OF CATENA RESOURCES OPERATING, LLC FOR COMPULSORY POOLING LEA COUNTY, NEW MEXICO

**CASE NO. 21460** 

APPLICATION OF CATENA RESOURCES OPERATING, LLC FOR COMPULSORY POOLING IN LEA COUNTY, NEW MEXICO

**CASE NO. 21483** 

#### AFFIDAVIT OF CHRISTOPHER J CANON

CHRISTOPHER J CANON, of lawful age and being duly sworn, declares as follows:

- 1. My name is Christopher "Chris" Canon. I consult for Catena Resources Operating, LLC ("Catena") as a landman. I have previously testified before the Oil Conservation Division ("Division") and my credentials as an expert petroleum landman were accepted by the division as a matter of record.
- 2. My area of responsibility for Catena includes the area of Lea County in New Mexico.
  - 3. I am familiar with the application filed with by Catena.
  - 4. I am familiar with the status of the lands that are subject to these applications.
- 5. I submit the following information pursuant to NMAC 19.15.4.12.A(1) in support of the above referenced compulsory pooling applications.
  - 6. Catena seeks to:
- (1) to pool the Wolfcamp formation underlying the E/2 of Sections 8 and 17 and dedicating this horizontal spacing unit to the proposed **Rambo 1H**, to be horizontally drilled

from a surface location in the NE/4 NE/4 (Unit A) of Section 20 to a bottom hole location in the NE/4 NE/4 (Unit A) of Section 8.

- (2) to pool the Scharb Bone Spring Pool underlying the E/2 E/2 of Sections 8 and 17 and dedicating this horizontal spacing unit to the proposed **Rambo 2H**, to be horizontally drilled from a surface location in Unit B of Section 20 to a bottom hole location in Unit A in Section 8, Township 19 South, Range 35 East, NMPM, Lea County, New Mexico.

  Attached hereto as **Exhibit B-1** are copies of the C-102's for the foregoing wells, together with associated and aerial maps. Also included in Exhibit B-1 are tract maps of the proposed spacing units.
- 8. The parties being pooled and the percent of their interests and participation in the tracts and in the pooled unit are shown in **Exhibit B-2** for the respective cases.
- 9. Catena has conducted a diligent search of the public records in the county where the well is located and conducted phone directory and computer searches to locate contact information for parties entitled to notification, and mailed parties well proposals. However, Catena has recently discovered unleased State mineral interests and fee mineral interest owners in the proposed units. Catena has contacted the State regarding the matter and the State has agreed to a Stipulation regarding the May NMSLO Lease Sale attached hereto as **Exhibit B-3**. Additionally, Catena has contacted the fee mineral interest owners and has sent well proposals to each fee mineral interest owner prior to hearing. Copies of Communication Timelines are attached hereto as **Exhibit B-4**.
- 10. In my opinion, Catena has made a good faith effort to obtain voluntary joinder of the working interest owners in the proposed wells.

- 11. **Exhibit B-5** is a copy of a proposal letter sent to working interest owners, which were sent on July 23, 2020 and April 15, 2021 for the proposed wells together with AFEs.
- 12. The proposal letters identified the proposed first and last take points and approximate TVD.
- 13. **Exhibit B-6** contains a revised Authorization for Expenditure for the proposed well. The estimated cost of the well set forth therein is fair and reasonable and is comparable to the costs of other wells of similar depths and length drilled in this area of New Mexico. Catena requests overhead and administrative rates of \$8,000.00/month for drilling a well and \$800.00/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this area of Southeastern, New Mexico. Catena requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
- 14. Catena requests the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.
  - 15. Catena requests that it be designated operator of the wells.
- 16. The attachments to this affidavit were prepared by me, or compiled from company business records, or were prepared at my direction.
- 17. I attest that the information provided herein is correct and complete to the best of my knowledge and belief.
- 18. The granting of this application is in the interests of conservation and the prevention of waste.

CHRISTOPHER J CANON

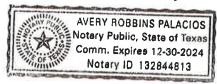
STATE OF TEXAS	)
COUNTY OF HARRIS	)

SUBSCRIBED AND SWORN to before me this \6 day of April, 2021 by Christopher Canon on behalf of Catena Resources Operating, LLC.

AVUNA ROBBINS POLICUOS

Notary Public

My Commission Expires: 12/30/2024



<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 Pione: (3/3) 393-0(10) Fax. (7/3) 393-0/20 Distrie III 811 S. First St., Artesia, NM 88210 Phone: (5/75) 748-1283 Fax: (5/75) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

640

#### State of New Mexico Energy, Minerals & Natural Resources Department

1220 South St. Francis Dr. Santa Fe, NM 87505

OIL CONSERVATION DIVISION

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

1	'API Numb	er		2 Pool Cod	le	<sup>3</sup> Pool Name				
				556	10	Scharb; Bone Spring				
* Property	Code				5 Property	Name			- 6	Well Number
					Rambo 193517 2H					2H
7OGRID	O No. Grator Name Selevati							<sup>9</sup> Elevation		
3284	49			Cater	na Resource	s Operating, L	LC			
					Surface I	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/	West line	County
В	20	195	35E		190'	FNL	1390'	FE	:L	Lea
			" Bot	tom Hol	e Location If	Different From	n Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/	West line	County
Α	8	195	35E		100'	FNL	1200'	FE	L	Lea
<sup>2</sup> Dedicated Acres	13 Joint or	Infill 14 C	onsolidation	Code 15 Or	der No.					

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

COM

SESE	swsw	sesw (	5 swse	SESE	swsw	SESW (	4 swse	SESE	"OPERATOR CERTIFICATION
NENE	NWNW	NENW	2H BHL & LTP 100' FNL 1200' FEL 8 19S 35E	NENE	NWNW	NENW	NWNE	NENE	I hereby certify that the information contained herein is true and completo the best of my knowledge and belief, and that this organization either owns a working inter∨ unleased mineral interest in the land includin, the proposed bottom hole location or has a right to drill this well at this
SENE -07	swnw	SENW	swne	SENE	SWNW	SEMW	SWNE	SENE	location pursuant to a contract with an owner of such a mineral or worn interest, or to a voluntary pooling agreement or ampulsory pooling order theretofore entered by the division.
NESE	NWSW	NESW	NWSE	NESE	NWSW	. — — — — О 1 1	NWSE	NESE	Signature Date
SESE	swsw	SESW	9WSE	SEGE	swsw	sesw	SWSE	SESE	Printed Name  E-mail Address
NENE	NWNW	NENW	NWNE	HENE	NWNW	NENW	NVVNE	NENE	SURVEYOR CERTIFICATION  I hereby certify that the well location shown ontheplat  was plotted from field notes of actual surveys made by
SENE	sww	SENW	SWNE	SEME	SWNW	SENW	SWNE	SENE	me or under my supervision, and that the same is true and correct to the best of my belief:
NESE	wew	NESW	NWSE 2	lambo 193517 !H 90' FNL 390' FEL	NWSW	NESW	6 NWSE	NESE	Date of Survey Signature and Seal of Professional Surveyor:
SESE	swsw	SESW		0 19S 35E SESE	swsw	SESW	SWSE	SESE	
NENE	NWNW	NENW 2	O NWNE	NENE	NWNW	NENW 2	1 NWNE	NENE	Cortificate Number



# Rambo 2H Well Proposed Bone Spring Spacing Unit Lea County, New Mexico E/2 E/2 Section 8 & 17 - T19S - R35E

	Tract 1
Section 8	Tract 2
	Tract 3
	Tract 4
Section 17	Tract 5
	Tract 6
	Tract 7*

Tract 1	NE/4 NE/4	Tract 5	E/2 NE/4
Tract 2	SE/4 NE/4	Tract 6	NE/4 SE/4
Tract 3	NE/4 SE/4	Tract 7*	SE/4 SE/4
Tract 4	SE/4 SE/4		

<sup>\*</sup>Unleased State minerals, see Exhibit B-3 stipulation

# Rambo 2H Well Proposed Bone Spring Spacing Unit Lea County, New Mexico E/2 E/2 Section 8 & 17 - T19S - R35E

				the same of the sa
				Tract 1 MRC 100% WI
		Section	8	Tract 2 MRC 100% W!
	<u>WI</u>			Tract 3
Parties not being pooled				MRC
MRC Permian Company	0.5000			100% WI
Parties to be Pooled				Tract 4 MRC
Catena Resources Operating	0.2500			100% WI
State of New Mexico	11			
COG Operating, LLC	0.1250			
COG Operating, LLC	0.1250			Tract 5
T-1-1				Catena &
<u>Total</u>	<u>1.0000</u>			cog
				50% WI each
		Section	17	
		000000		
				Tract 6
				Catena
				100% WI
				Tract 7*
				State of NM
				<u>Open</u>
	l l			100% WI

Tract 1	NE/4 NE/4	Section 8
Tract 2	SE/4 NE/4	Section 8
Tract 3	NE/4 SE/4	Section 8
Tract 4	SE/4 SE/4	Section 8
Tract 5	E/2 NE/4	Section 17
Tract 6	NE/4 SE/4	Section 17
Tract 7*	SE/4 SE/4	Section 17

<sup>\*</sup>Unleased State minerals, see Exhibit B-3 stipulation

#### **STIPULATION**

THIS STIPULATION dated as of April 13, 2021 is entered into by and between:

Stephanie Garcia Richard, in her capacity as New Mexico Commissioner of Public Lands (hereafter "Commissioner"), whose address is 310 Old Santa Fe Trail, Santa Fe, New Mexico 87501

and

Catena Resources Operating, LLC, a Delaware Limited Liability Company (hereafter "Catena"), whose address is 919 Milam Street, Suite 2475, Houston, TX 77002.

#### RECITALS

WHEREAS, Catena has filed an application for compulsory pooling with the New Mexico Oil Conservation Division in Case No. 21460 seeking to pool all uncommitted interests in a standard 640-acre, more or less, horizontal spacing unit to test the Wolfcamp formation, comprised of the E/2 of Sections 8 and 17, Township 19 South, Range 35 East, NMPM, Lea County, New Mexico; and,

WHEREAS, Catena has filed an application for compulsory pooling with the New Mexico Oil Conservation Division in Case No. 21483 seeking to pool all uncommitted interests in a standard 320-acre, more or less, horizontal spacing unit to test the Bone Spring formation, comprised of the E/2E/2 of Sections 8 and 17, Township 19 South, Range 35 East, NMPM, Lea County, New Mexico; and,

WHEREAS, Cases 21460 and 21483 are currently scheduled for hearing on April 22, 2021; and,

WHEREAS, Catena has recently discovered that the lands comprised of SE/4SE/4 of Section 17, Township 19 South, Range 35 East, NMPM, Lea County, New Mexico, administered as State Trust Lands by the Commissioner, are unleased for oil and gas development and are included in both proposed spacing units in Cases 21460 and 21483 (the "Unleased Lands");

WHEREAS, Catena recently nominated the Unleased Lands for inclusion in the May 2021 State Land Office lease sale;

WHEREAS, Catena previously nominated the Unleased Lands for a prior lease sale but did not bid on the Unleased Lands; and

WHEREAS, unleased state trust land, including the Unleased Lands, may not be compulsory pooled.

NOW THEREFORE, the Parties acknowledge, agree, and stipulate, as follows:



- 1. Catena has nominated the SE/4SE/4 of Section 17, Township 19 South, Range 35 East, NMPM, Lea County, New Mexico for the May 2021 lease sale (See Exhibit A).
- Catena shall tender a copy of this Stipulation as an exhibit at the hearing of Cases 21460 and 21483, and request that an order in such cases not be entered until after the lease sale occurs and under the following conditions:
  - a. Should Catena, or one of its designated affiliates, be the successful bidder at the May 2021 lease sale, it may proceed to seek compulsory pooling orders from the Oil Conservation Division pursuant the April 22, 2021 hearings. A copy of the lease sale results, evidencing Catena as the successful bidder, shall be provided to the Oil Conservation Division evidencing Catena has acquired the Unleased Lands.
  - b. If Catena is not the successful bidder at the May 2021, it will advise the Oil Conservation Division. In such case, Catena may 1) send well proposals and seek joinder of the successful bidder in drilling the wells proposed by Catena; 2) if the successful bidder of the Unleased Lands does not agree to join in the drilling of the proposed wells, then Catena may reopen the Oil Conservation Division hearing process to pool the interests of the successful bidder; or 3) Catena may dismiss Cases 21460 and 21483. Catena must provide notice to the Commissioner of any action taken under this subpart and shall provide the Conservation Division under this subpart and shall provide notice to the Commissioner of any agreement under subpart 2(b)(1).

Executed as of the date written above.

COMMISSIONER OF PUBLIC LANDS

STEPHANIE GARCIA RICHARD

CATENA RESQUECES OPERATING, LLC

Name: John Campbell

Title: Authorized Person

Catena Resources Operating, LLC

#### Catena Resources Operating, LLC - Rambo 1H & Rambo 2H Discussion Timeline

#### ConocoPhillips Company

Catena Resources Operating, LLC sent original well proposals on July 23, 2020. After such time, beginning on or around August 6, 2020, Catena and ConocoPhillips (formerly Concho Oil & Gas) engaged in discussions regarding the proposed wells, including a technical review on March 2, 2021. Catena and ConocoPhillips are in ongoing discussions on the well proposals.

#### Chevron

Catena Resources Operating, LLC sent original well proposals on July 23, 2020. After such time, beginning on or around September 8, 2020, Catena and Chevron engaged in discussions regarding the proposed wells which are ongoing.

#### Featherstone

Catena Resources Operating, LLC sent original well proposals on July 23, 2020. After such time, beginning on or around September 16, 2020, Catena and Featherstone engaged in discussions regarding the proposed wells which are ongoing.

#### **State of New Mexico**

Catena Resources Operating, LLC contacted the State regarding the unleased State mineral interests on April 5, 2021. After such initial discussions, the State agreed to enter into a Stipulation with Catena regarding the unleased interests on April 13, 2021.

#### Unleased Mineral Interest Owners

Catena Resources Operating, LLC sent original well proposals on April 15, 2021. After such time, beginning April 16, 2021, Catena has initiated communication with the unleased mineral interest owners which is ongoing.



July 23, 2020 Via Certified Mail

COG Operating, LLC 600 W. Illinois Ave Midland, TX 79701

Re:

Rambo 193517 1H Well Proposal

**Wolfcamp Formation** 

E2 of Section 17 T19S, 35E, and Section 8, T19S, R35E

Lea County, New Mexico

Rambo 193517 2H Well Proposal Bone Springs Formation

E2 of Section 17 T19S, 35E, and Section 8, T19S, R35E

Lea County, New Mexico

Ladies and Gentlemen,

Catena Resources Operating, LLC ("Catena") as Operator hereby proposes to drill the following wells to a depth sufficient to test the Wolfcamp and Bone Spring formations:

Well Name	SHL	BHL	Spacing Unit	Target	Estimated
	Sec. 20	Sec. 8	640 Acres	TVD	TMD
Rambo 193517 1H Wolfcamp Formation	FNL: 190' FEL: 1290'	FNL: 100' FEL: 1200'	E/2 of Section 17, T19S, 35E and Section 8, T19S, R35E	9,989'	20,698'
Rambo 193517 2H Bone Spring Formation	FNL: 190' FEL: 1390'	FNL: 100' FEL: 1200'	E/2 of Section 17, T19S, 35E and Section 8, T19S, R35E	9,740′	20,444'

These proposed locations and target depths are subject to change depending on any surface or subsurface concerns encountered.

Regarding the above, enclosed for your further handling are our AFE's dated April 16, 2020 for the proposed wells. The AFE's represent an estimate of the costs that will be incurred to drill and complete the wells, but those electing to participate in the wells are responsible for their proportionate share of the actual costs incurred. In the event you elect to participate in the proposed wells, please execute the enclosed AFE's and return to me. We are happy to furnish you with a proposed Joint Operating Agreement upon request. Please respond within 30 days of receiving this notice. If you do not wish to participate, Catena proposes to acquire your interest via term assignment subject to due diligence and title verification satisfactory to Catena.

Should you have any questions regarding the above, please email me at <a href="mailto:rswann@catenares.com">rswann@catenares.com</a> or call me at (210) 775-6993.

Sincerely,

Catena Resources Operating, LLC

Robert Swann Land Manager

D2 107 UN Hore 201 N. Smile 258 Son festione, EX 79 Sec.



www.catenares.com info@catenares.com



		1			WELL COST E	THE				AFE NO.
& LATE	A LA	WELLI	NAME.		93517 2H	TIMATE	DATE		4	
( J	AVI		VAME:				DATE: START DATE:	16-	Apr-20	
NORESON	RCES	LOCAT		Z nec lat			COMPLETE DATE: ORIGINAL:			
		OBJEC	TIVE:	Hone Spr			SUPPLEMENT:	170		
lut lut	ANGIBLE COSTS	1		ACCT	DRILLING.	ACCT CODE	COMPLETION - 320XX	ACCT	FACILITIES -	TOTAL
Legat Fees / Trite Opinion				3100E	310XX	33901	30	33001	330XX	\$50,000
Surveys / Staking / Permits / Bo ROW / Surface Damages	de / Regulatory			31002	\$35,700	32004	30	33002	10	\$75,700
Reside & Location / Reserve Pil				31003	100,000	32001 32084	10		10	\$40,000 \$50,000
Reads & Location / Reserve P6- Frac Pond	Reclamation			31005	1 - 17	32006 32008	83 80		10	50
Cate Guard				31007		32007	30		\$0	50
Mouse / Hethels / Conductor Mobilization / Demonstration				31008 31009	\$19,000 \$239,673	32008	10		30	\$10,000
Drafting - Daywork Drafting - Footage				31010	\$475,000		10	10	\$9 \$0	\$475,000
Detting - Turnkey				31012			10 10		10	10
Completion / Snutibing / Worker Traffer House / Communications				31013	\$43,572	32009 32010	\$40,000 \$24,200		\$0 00	\$40,000
Dr H Bits Directional Equipment / Gyro But				31015	\$85,000 \$225,006	32011 32012	- 60	10.0	10	\$45,000
Downhole Tool / Sinhitzation Re	ntal			31017	\$57,075	32013	\$34,000		10	\$725,000 \$91,075
Mud / Chamicals Fuel / Power				31018	\$200,000	32014 32018	\$601,500 \$471,600		10	\$861,500 \$578,300
Water Supply Well, equipment				31020	\$3,601	32016	10		10	
Water/Water Hauling Offsite Water & Cuttings Dispos	it.			31021 31022	1243,014	32017 32018	\$818,550 \$30,500		10	\$816,550 \$273,556
Transportation / Hesting Inspection / Tubular Testing				31023 31024	\$11,000	32018	50	33009	\$15,000	\$46,000
Laydown Machine / Casing Graw	/ Tongs			31025	\$15,414 \$58,245	32020 32021	10		10	150,245
Cementing, Flori Equipment & 8 Mud Logging	rylens			31026 31027	\$65,458 \$35,343	22022	10		10	\$52,455 \$35,343
Logging - Open Hote				31028		17071	10		10	\$2
Logging - Cased Hole Coring & Analysis, Drill Stem Tee	t			31029 31030		37024	\$12,000		10	\$13,865
Partoraling Wireline / Stickline Services				31031		32025 32028	\$0 \$421,200		10	\$421,200
Equipment Rental				31033	\$149,500	32027	\$19,000 \$236,000		\$0 \$0	\$15,000 \$365,680
Pumping Services/Rental Acidizing & Fracturing				31034		32029 32029	\$21,000 \$3,175,000		10	\$2,175,000
Coll Tubing Unit				31036		32030	\$120,000		10	\$120,000
Flow Testing, Swabbing Flahing / Sidelrack Sarvices				31037 31038		32031 32032	\$13,074 \$0		10	\$95,875
Nipple Up / BOPE Testing Overhead				3103B 31040	\$8,400	32033 32034	\$23,000	100	\$0 \$0	\$29,400 \$27,500
Wellshie Consulting Services/Bu	ervision			31041	\$109,861	32035	\$19,500 \$153,550	39003	\$20,000	\$333,511
Engineering / Geological / Lab Sa Roustabout / Contract Labor	rvice Tracers and	Magnosti	CE	31042 31043	125,000	32034 32037	115,500	33,004	\$18,000	\$155,480
Welding Services				31044	\$9,480 \$5,120	32038	\$0		10	\$5,120
Miscellaneous				31048	\$10,000	32039 32040	10	33005 33006	10	\$10,000
P&A Couls Safety / EH&B				31047 31048		32041 32042	\$0,510	32007	10	\$4,610
5.5% Contingency (&% Taxes on 6	aning included in a	asing co	el)	31849	\$141,202	32043	\$311,200		\$10,000	\$497,502
NON-Op Drifting Intengible Pizeline instellation / Interconner				21050 31851		32044 32045	10	32008	\$0 \$0	10
TOTAL	NTANGELE COSTS	_		1	62,794,624		1640314		\$220,400	14,334,401
TAI	ICIGLE COSTS			ACCT	DRIELING - 31 LXX	ACCT CODE	COMPLETION - 321XX	AGCT	PACRUTIES -	TOTAL
upprene	Bire	feet	100				· <del>'</del>			
Conductor Surface Casing	13.3%*			31101	144,600					\$60,600
1et intermediate Coaing / Liner 2nd Intermediate Coaing / Liner	9 5/6"		_	31103 31104	\$112,200					\$113,200
Production Casing I Liner	5.10-	29,760	\$10.00	31104		32101	\$373,500			\$373,600
Gasing Tis Back Liner Hanger Assembly						32102 32103				
Tubing	2.875	10,000	1 5.85			32104	\$58,500			\$19,500
Casing Squipment - OFMS / Esc. Wellhead Equipment				31105	\$78,750	32105 32106	\$31,300 \$27,000			\$31,290 \$53,750
Pumping Link / Prima Mover / Bus Rods / Pony Rods / Binker Bars	•					32107				
Artificial LIR Other - Ges LIR							10	33101	10	50
						32107 32108 32109	\$0 \$0 \$14,000	33101 33102 33103	10	10
Welltern Equipment Completion Tanks / Tank Steps / Stairs	- Production Tree					32108 32169 32110	\$14,000 \$42,000	33102 33103 33104	10 10 10	\$14,000 \$47,000
Tanks / Tank Steps / Stairs Gas Treating / Dehydration Equips	nent					32108 32109 32110 32111 32112	59 514,800 642,000 50 10	33102 33103 33104 33108 33108	\$0 \$0 \$0 \$68,000	\$14,000 \$14,000 \$47,000 \$64,000
Tanks / Tank Stepe / Staire Gas Treating / Dehydration Equipr Separation Equipment, Hester Tre	nent					32108 32109 32110 32111	\$0 \$14,800 \$42,000 \$0 \$0 \$0	33102 33103 33104 33108	10 10 10 10 10 10 10 10 10	\$0 \$14,000 \$47,000 \$66,000 \$0 \$68,000
Tanks / Tank Stepe / Staire Cas Treating / Dehydration Equips Separation Equipment, Heater Tri Surface Pumpa Hittars	nent					32108 32109 32110 32111 32112 32113 32114 32115	\$19,800 \$19,800 \$42,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	33102 33103 33104 33106 33106 33107 33108 33149	\$0 \$0 \$0 \$68,000	\$0 \$14,000 \$47,000 \$66,000 \$0 \$68,000 \$1,000 \$0
Tanks / Tank Steps / Stalys Gas Treating / Dahydrallon Equipt Gagaratina Repulpment, Hester fri Surface Pumpa Hitara Bufdings Interconnect Piping / Mandolds / /	nont ster					32108 32109 32110 32111 32112 32113 32114 32115 32116 32117	19 314,200 142,000 10 10 10 10 10 10 10 10 10	33102 33103 33104 33106 33108 33108 33108 33109 33110	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$10,000 \$11,000 \$47,000 \$46,000 \$10 \$58,700 \$1,000 \$0 \$10,000
Tanks / Tank Steps / Stales Gas Treating / Dahydrallon Equipe Segaratikan Equipensel, Hester Tri Surface Pumpa Hitara Budalega Miseconnect Piping / Manifolds / / Mercines / Connections / Valves	nent ster					32108 32109 32110 32111 32112 32113 32114 32115 32116 32117 32118	19 \$14,200 \$42,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	33102 33103 33104 33106 33109 33109 33109 33109 33110 33111	\$9 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$49,200 \$3,000 \$2 \$5 \$5 \$5 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6	10 \$11,090 \$47,000 \$46,000 \$169,000 \$1,000 \$1,000 \$10,000 \$10,000 \$44,000
Tanka / Tank Stope / Salzy Gas You ting / Dahydration Equips Separation (budgeneet, Healer Tri Surface Pumpe Ritara Buddings Interconnect Piping / Manifolds / I Revitnes / Corrections / Vahras Automation I Instruments / Contro Dectrical Equipment / Generators	nent Islan Islan Islan Islan					32108 32108 32110 32111 32112 32113 32114 32115 32116 32117 32118 32119 32120	100 5114,200 142,200 100 100 100 100 100 100 100	33102 33103 33104 33108 33108 33107 33108 33109 33110 33111 33112 33113	\$6 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	10 114,000 147,000 146,000 10 155,000 17,000 19,000 144,840 116,000 145,000
Tanka / Tank Stope / Salzo Gas Trasting / Dahydration Equipe Separation throughness, Heater Tri Surface Pumpa Hitara Buddings Interconnect Piping / Mandfolds / I Revenes / Corrections / Valvas Automation / Instruments / Contro	nent Islan Islan Islan Islan					32108 32109 32110 32111 32112 32113 32114 32115 32116 32117 32118 32119 32120 32120	100 5114,200 142,200 100 100 100 100 100 100 100	33102 33103 33104 33106 33108 33109 33109 33110 33111 33112 33113 33113 33114	\$6 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	10 114,000 147,000 146,000 15,000 15,000 10,000 10,000 144,000 150,000 150,000 150,000
Tanks I Tank Steps / States (as Treating ) Dehyrication Equipment 6-paration (Sudjoneed, Na stee Tr Hitars. Buddings Interconnect Piging / Microfolds / I Revilled - I Corrections - Vishes Automation / Intervended / Corrections Congressive & Raturde Equipment Microfiled - Intervended / Corrections Congressive & Raturde Equipment Marine Equipment / Certificity / Demicrofiled - Vishes Automation / Intervended / Corrections	nent siler heders in / Analyzara					32108 32110 32111 32111 32112 32113 32114 32115 32116 32117 32118 32119 32120 32121 32121 32121 32121 32121	99 915,500 442,000 929 939 939 939 939 939 939 939 939 939	33102 33103 33104 33108 33109 33107 33107 33108 33109 33111 33112 33113 33114 33115 33115	\$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6	\$10 \$14,000 \$47,000 \$46,000 \$1,500 \$10,000 \$10,000 \$46,000 \$16,000 \$15,000 \$10
Tanks I Tank Steps / States  dies Treating J Dehyrialzen Equipmen  6-paraiten Epulpmen  Filters  Burdings  Interconnect Piping / Mandfolds / I  Rowlines I Corrections / Vitares  Muternshipm / Intercontinues  Interconnect Equipmen / Vitares  Muternshipm / Intercontinues  Georgeasse / Rathade Equipmen  Mellering Epulpmen / Cetthode  Publisher / Lander (Landershipmen)  Bullering Epulpmen / Cetthode  Bullering Epulpmen / Landershipmen  Bullering Epulpmen  Bullering Epulpmen  Bullering Epulpmen  Bullering Epulpmen  Bullering  B	nent siler heders in / Analyzara					32108 32109 32110 32111 32111 32113 32114 32115 32116 32117 32118 32119 32120 32121 32121 32121	190 \$15,500 \$42,500 \$20 \$20 \$20 \$20 \$20 \$20 \$20 \$	33102 33103 33104 33106 33106 33107 33109 33109 33111 33111 33111 33113 33113 33115	\$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6	10 114,000 147,000 146,000 140,000 140,000 150,000 140,000 141,000 151,000 151,000 151,000 151,000 151,000 151,000 151,000 151,000 151,000
Tanha / Tanh Stepa / Statys  Ear Year High Dehytrallon Equipment Espansition Equipment   He shee 7:  Sturfes Pumpe  Filters  Buddings  Interconnect Piging / Manufolds / I  Remines / Cornections / Vahane  Automation / Interconnect Piging / Manufolds / I  Remines / Cornections / Vahane  Automation / Interconnections / Vahane  Congresses & Ratand Equipment  Automation / Equipment / Cornections  Chamines / Equipment / Cornections  Land / Lind	nent ster heeders to / Analyzara subscittan hiuga, TAC					32108 32109 32110 32111 32112 32113 32114 32116 32117 32118 32119 32120 32121 32121 32121 32122 32123 32124 32124	190 \$15,500 \$12,500 \$20 \$20 \$20 \$20 \$20 \$20 \$20 \$	33102 33103 33104 33108 33109 33107 13182 33110 33111 33112 33113 33114 33115 33116 33117 33118 33119 33119	\$6 \$6 \$6 \$6 \$6 \$6 \$6 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$11,000 \$1	\$10 \$14,000 \$47,000 \$46,000 \$1,500 \$10,000 \$10,000 \$46,000 \$16,000 \$15,000 \$10
Tanks I ronk Steps I States  6 as Tran High Dehytrallom Equipment  6 paralism Equipment, I was the Tri  Sturfes Pumpe  Filtare  Deddings  Intarconnect Prigns / Manufolds / I  Remines / Corrections / Vahan-  Automation / Intarconded / I  Benines / Corrections / Vahan-  Automation / Intarconded / I  Confrict Equipment / Confrict  Cockright Equipment / Confrict  Compresses & Ratand Equipment  Malaring Equipment / Lord / Intarconded  Debandra & Equipment / Lord / Intarconded  Debandra & Equipment / Corrections  States / I Palk & Equipment  Dranesh & College / Intarconded  Tranesh & College / Intarcol /	nent ster heeders to / Analyzara subscittan hiuga, TAC					32108 32109 32110 32111 32112 32113 32114 32115 32118 32119 32121 32121 32121 32121 32121 32121 32121 32122 32123 32123 32126 32127 32128	190 111,5000	33103 33103 33104 33108 33100 33100 33100 33100 33111 3311 3311 3311 33111 33111 33111 33111 33111 33111 33111 33111 33111 33111 33111 33111 33111 33111 33111 3311	\$6 \$10 \$10 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$11,000 \$110,000 \$110,000 \$110,000 \$110,000 \$110,000 \$110,000 \$110,000 \$110,000 \$110,000 \$110,000 \$110,000 \$110,000 \$110,000 \$110,000 \$110,000 \$110,000 \$110,000 \$110,000	100 114,000 147,000 147,000 150,000 15
Tanks I fank Stepe / States  Gas Yvesting J Dehyriallon Egydp  6 gars Rinn Rjudgonaetd, Ne sker En  Slurfese Pumpe  Ritara  Bludening  Inthaconnect Piging / Mandfolde I i  Memorine / Cornect George (Mandfolde I i  Memorine / Memorine / Memorine I  Memorine / Memorine I i  Memorine / Memorine I	nent ster heeders to / Analyzara subscittan hiuga, TAC			31108 31107	\$11,690	32108 32109 32110 32111 32112 32113 32114 32116 32117 32118 32118 32119 32120 32121 32121 32121 32122 32123 32123 32128 32127 32128 32127 32128	150 115,500 102,500 102,500 103 104 105 105 105 105 105 105 105 105 105 105	33102 33103 33104 33108 33108 33108 33108 33108 33108 33110 33111 33112 33111 33112 33113 33114 33115 33116 33117 33117 33117 33118 33118 33122 33122 33121	100 100 100 100 100 100 100 100	10 114,000 147,000 146,000 146,000 19,000 10 10 10 10,000 146,000 146,000 146,000 146,000 150,000 151,000 151,000 151,000 151,000 151,000 151,000 151,000 151,000 152,000
Tanks II rank Stepe / States Gas Free Hing / Dehyralation Equipment Segaration Equipment, Harsher En Studiese Pumpe Filtars Buddings filtarconnect Piging / Manafolds II Buddings filtarconnect (Controlled II Buddings filtarconnect (Controlled II Buddings filtarconnect (Controlled II Buddings filtarconnect Pigings filtarconnection	nent siter  Interdire  In / Analyzara  Uniccion  Interdire  Interd				\$720,240	32108 32109 32110 32111 32112 32113 32114 32115 32118 32119 32121 32121 32121 32121 32121 32121 32121 32122 32123 32123 32126 32127 32128	150 151,500 152,500 100 100 100 100 100 100 100	33103 33103 33104 33108 33100 33100 33100 33100 33111 3311 3311 3311 33111 33111 33111 33111 33111 33111 33111 33111 33111 33111 33111 33111 33111 33111 33111 3311	10 10 10 10 10 10 10 10 10 10 10 10 10 1	100 111,000 147,000 146,000 156,000 159,000 159,000 159,000 160,000 160,000 160,000 110,000
Tanks I Tank Stepe / States  Ear Tras High Dhydrallon Equipe  Eagar Stan Egolgonsell, Harsher En  Sturfels Pumpe  Filtura  Bluddings  Interconnect Piging / Mandrodds / I  Remylloss / Cornections / Vehres  Automation / Interconnections / Vehres  Automation / Vehres  Autom	nent salar s			31107	\$720,240 \$2,928,764	32108 32109 32110 32111 32112 32113 32114 32116 32117 32118 32118 32119 32120 32121 32121 32121 32122 32123 32123 32128 32127 32128 32127 32128	190 \$15,500 \$42,500 \$20 \$20 \$20 \$20 \$20 \$20 \$20 \$	33102 33103 33104 33108 33108 33108 33108 33108 33108 33110 33111 33112 33111 33112 33113 33114 33115 33116 33117 33117 33117 33118 33118 33122 33122 33121	\$6 \$10 \$10 \$15,000 \$15	190 114,090 147,090 147,090 147,090 159,190 159,190 159,190 150,190 150,190 151,090 1512,090
Tanks I Tank Steps / States  Ear Tras High Dehytrallon Equipment Eagar Stan Spulponsent, Harsher En Sturfes Pumpe Filture Bloddings Indexconnect Piging / Mannfolds J I Bloddings Index I Control I Bloddings I Control Bloddings I Control Bloddings I Control Bloddings I Control I Bloddings I Control I Bloddings I	tent sites feeders fe / Analyzers untection logs, TAC d  (ANABBLE COSTS UNTELL COSTS		Sofries	31107	\$720,240 \$2,928,764 Tide Engineer	32108 32109 32110 32111 32112 32113 32114 32116 32117 32118 32118 32119 32120 32121 32121 32121 32122 32123 32123 32128 32127 32128 32127 32128	150 151,500 152,500 100 100 100 100 100 100 100	33102 33103 33104 33108 33108 33108 33108 33108 33108 33110 33111 33112 33111 33112 33113 33114 33115 33116 33117 33117 33117 33118 33118 33122 33122 33121	10 10 10 10 10 10 10 10 10 10 10 10 10 1	100 111,000 147,000 146,000 156,000 159,000 159,000 159,000 160,000 160,000 160,000 110,000
Tanks I rank Steps / States  Ear Year Hop / Daily  Espansition Epidemiese (Superior States  Espansition Epidemiese), Haister Fri  Blates  Buddings  Interconnect Prigner / Manafolds / I  Bernines / Cornections / Varies  Automation / Instrumenta / Confrict  Escribes Epidemies / Consensitions / I  Bernines / Cornent / Confrict  Escribes Epidemies / Consensitions / I  Ballar / Epidemies / Epidemies / Epidemies  Ballar / Epidemies / Epidemies / Epidemies  Ballar / Epidemies	tent sites feeders fe / Analyzers untection logs, TAC d  (ANABBLE COSTS UNTELL COSTS			31107	\$720,240 \$2,928,764 Tide Engineer	32108 32109 32110 32111 32112 32113 32114 32116 32117 32118 32118 32119 32120 32121 32121 32121 32122 32123 32123 32128 32127 32128 32127 32128	150 151,500 152,500 100 100 100 100 100 100 100	33102 33103 33104 33108 33108 33108 33108 33108 33108 33110 33111 33112 33111 33112 33113 33114 33115 33116 33117 33117 33117 33118 33118 33122 33122 33121	10 10 10 10 10 10 10 10 10 10 10 10 10 1	100 111,000 147,000 146,000 156,000 159,000 159,000 159,000 160,000 160,000 160,000 110,000
Tanks I rank Steps / States  Ear Year Hop / Daily  Espansition Epidemiese (Superior States  Espansition Epidemiese), Haister Fri  Blates  Buddings  Interconnect Prigner / Manafolds / I  Bernines / Cornections / Varies  Automation / Instrumenta / Confrict  Escribes Epidemies / Consensitions / I  Bernines / Cornent / Confrict  Escribes Epidemies / Consensitions / I  Ballar / Epidemies / Epidemies / Epidemies  Ballar / Epidemies / Epidemies / Epidemies  Ballar / Epidemies	nent sites  feeders  fe / Analyzers  untection illuga, TAG  ANASSEE COSTS  WTL COSTS	n agree to	Day for share	31107	\$220,240 \$2,929,764 Fide Engineer sale married	32108 32109 32110 32111 32112 32113 32114 32114 32114 32114 32141 32141 32142 32142 32122 32122 32122 32122 32122 32122 32122 32122 32122	150 151,500 152,500 100 100 100 100 100 100 100	33102 33103 33104 33108 33108 33108 33108 33108 33108 33110 33111 33112 33111 33112 33113 33114 33115 33116 33117 33117 33117 33118 33118 33122 33122 33121	10 10 10 10 10 10 10 10 10 10 10 10 10 1	100 111,000 147,000 146,000 156,000 159,000 159,000 159,000 160,000 160,000 160,000 110,000
Tanks I Tank Steps / States  Gas Yran High Dhydrallon Egydges  Egyan Stan Egydgesed, Hander Fri  Blatan  Buddenga  Interconnect Priging / Manafolds y I  Bardina States  Interconnect Priging / Manafolds y I  Bardina / Cornections / Vahana  Automation / Institutional / Confrict  Berdina / Cornections / Vahana  Automation / Institutional / Confrict  Berdina / States  A Ratand Egydgenen / Generation  Compresses & Ratand Egydgenen / Ratand  Egydgenen / Lock Unit  Daminical Egydgenen / Generation  Lock / Lo	headure to I Analyzaro  Unic Chan Houge, TAC  K  I ANXIBLE COSTS  Life COSTS  Unic Chan House, TAC  I select to be co	vared by	operator's Extre Operator's Extre	31107 The actuals Expense i	\$220,240 \$3,920,764 Fide Engineer rest recent restrains and pay policy.	32108 32109 32110 32111 32112 32113 32114 32115 52118 32117 32112 32121 32121 32122	95 155,500 161,500 161,500 161,100 161	33102 33103 33104 33108 33108 33108 33108 33108 33108 33110 33111 33112 33111 33112 33113 33114 33115 33116 33117 33117 33117 33118 33118 33122 33122 33121	10 10 10 10 10 10 10 10 10 10 10 10 10 1	100 111,000 147,000 146,000 156,000 159,000 159,000 159,000 160,000 160,000 160,000 110,000
Tanks I Tank Steps / States  Gas Yran High Dhydrallon Egydges  Egyan Stan Egydgesed, Hander Fri  Blatan  Buddenga  Interconnect Priging / Manafolds y I  Bardina States  Interconnect Priging / Manafolds y I  Bardina / Cornections / Vahana  Automation / Institutional / Confrict  Berdina / Cornections / Vahana  Automation / Institutional / Confrict  Berdina / States  A Ratand Egydgenen / Generation  Compresses & Ratand Egydgenen / Ratand  Egydgenen / Lock Unit  Daminical Egydgenen / Generation  Lock / Lo	headure to I Analyzaro  Unic Chan Houge, TAC  K  I ANXIBLE COSTS  Life COSTS  Unic Chan House, TAC  I select to be co	vared by	operator's Extre Operator's Extre	31107 The actuals Expense i	\$220,240 \$3,920,764 Fide Engineer rest recent restrains and pay policy.	32108 32109 32110 32111 32112 32113 32114 32115 52118 32117 32112 32121 32121 32122	95 155,500 161,500 161,500 161,100 161	33102 33103 33104 33108 33108 33108 33108 33108 33108 33110 33111 33112 33111 33112 33113 33114 33115 33116 33117 33117 33117 33118 33118 33122 33122 33121	10 10 10 10 10 10 10 10 10 10 10 10 10 1	100 111,000 147,000 146,000 156,000 159,000 159,000 159,000 160,000 160,000 160,000 110,000
Tanks I Tank Stope / States  Ear Tras High Dhydrallon Equipe  Eagar Ston Spulgoreach, Harsher En  Surfes Pumpe  Filture  Buddings  Indexconnect Piping / Manafolds / I  Buddings  Equipment / Gooter  Certificat Equipment / Gooter  Certificat Equipment / Gooter  Certificat Equipment / Gooter  Comparison / Comparison / Gooter  Comparison / Gooter  Comparison / Comparison / Gooter  Comparison / Comparison / Gooter  Comparison / Comparison / Gooter  I Comparison /	headers in Analyzers in Analyzers untection ings, TAG  A  ANAISELE COSTS  WITH COSTS  by  unus layed logg, t  sect to ourch  sect to ourch  sect to ourch  sect to ourch	vered by	operator's flater Operator's flater was well control in to be convent by	31107 The actuals Expense i	\$220,240 \$3,920,764 Fide Engineer rest recent restrains and pay policy.	32108 32109 32110 32111 32112 32113 32114 32115 52118 32117 32112 32121 32121 32122	95 155,500 161,500 161,500 161,100 161	33102 33103 33104 33108 33108 33108 33108 33108 33108 33110 33111 33112 33111 33112 33113 33114 33115 33116 33117 33117 33117 33118 33118 33122 33122 33121	10 10 10 10 10 10 10 10 10 10 10 10 10 1	100 111,000 147,000 146,000 156,000 159,000 159,000 159,000 160,000 160,000 160,000 110,000
Tanks I Tank Steps / States  Ear Tras High Dehytrallon Equipment Eagar Stan Spulponsent, Harsher En Sturfes Pumpe Filture Bloddings Indexconnect Piging / Mannfolds J I Bloddings Index I Control I Bloddings I Control Bloddings I Control Bloddings I Control Bloddings I Control I Bloddings I Control I Bloddings I	headers in Analyzers in Analyzers untection ings, TAG  A  ANAISELE COSTS  WITH COSTS  by  unus layed logg, t  sect to ourch  sect to ourch  sect to ourch  sect to ourch	wared by	operator's flater Operator's flater was well control in to be convent by	31107 The actuals Expense i	\$220,240 \$3,920,764 Fide Engineer rest recent restrains and pay policy.	32108 32109 32110 32111 32112 32113 32114 32115 52118 32117 32112 32121 32121 32122	95 155,500 161,500 161,500 161,100 161	33102 33103 33104 33108 33108 33108 33108 33108 33108 33110 33111 33112 33111 33112 33113 33114 33115 33116 33117 33117 33117 33118 33118 33122 33122 33121	10 10 10 10 10 10 10 10 10 10 10 10 10 1	100 111,000 147,000 146,000 156,000 159,000 159,000 159,000 160,000 160,000 160,000 110,000



		WILL COST S	TWATE				AFE NO.
RES D H R G F R COUNTY ST	2.0 sec.		MALE	DATE: START DATE: COMPLETE DATE: ORIGINAL:	18.	Apr-20	
OILJECTIVE:	Wolfesn			SUPPLEMENT:			
INTANOBLE COSTS	ACCT CODE	DARTING- 310XX	ACCT CODE	COMPLETION - 320XX	ACCT	FACILITIES -	TOTAL
Legal Fires / Filis Opinion Surveys / Staking / Parmits / Bonds / Regulatory	31001 31002	\$50,020	32001	\$0	33001 32002	16	\$50,00
ROW / Surface Damages	31003	\$50,000	32602 32003	\$3 \$3	33002	10	\$25,76 \$60,00
Hoods & Lacetion I Heasma Ptt - Construction Hoods & Lacetian / Reserve Ptt - Rectalmation	31004 31006		32004 32005	10	-	10	\$50,00
Free Fond	31006		32006	\$0	1	10	
Date Duard Mouse / Rathole / Conductor	31007 31008	\$18,010	32007	10	-1	10	\$19,00
Mobilization / Damob#ization Orbins - Daversk	31009		32008	\$0 \$0	4	10	\$230,67 \$374,64
Drilling - Foolage	31011	120.002		10		10	10/500
Driffing - Turnkey Completion / Snubbing / Workover Unit	31012 31913		12009	\$40,000	-	10	\$49,00
Trailer House / Communications	31014	\$43,372	32010	\$74,200			147,77
Driff Bits Directional Equipment / Gyro Burveys	31018 31018		32011 32012	50	-	10	\$102,00
Downhole Tool / Stabilization Rental Mud / Chemicals	J1017 J1018	\$57,075	32013	\$34,560	1	10	191,67
Ruil/Power	31019	\$116,442	32014 32015	1001,500 \$471,800		10	\$\$24,65 \$\$88,24
Water Supply Wall, aquipment Water / Waler Hacking	31820		32016 32017	1816,650		10	\$418,55
Offeite Weler & Cuttings Disposal	31022	\$284,770	32018	\$30,560		10	\$315,27
Transportation / Hauling Inspection / Tubular Teating	31023 31024		3201B 32020	39 10	33008	\$13,000	\$46,00 \$101,00
Laydown Mushine / Gasing Crew / Yongs	31028	\$62,193	32021	10		10	147,10
Cementing, Hoet Equipment & Services Mud Logging	31026 31027	\$35,343	32022	10	1	10	153,87
Logging - Open Hole	31028	1000	32023	10	1	10	
Logging - Caraci Hole Coring & Analysia, Drill Stem Teal	31029 31030		32024	\$13,000	1	50 60	113,00
Perforating Window / Michiga Services	31031		32025 12026	\$431,200 \$15,000		10	\$431,30 \$15,00
Equipment Rental	31033	\$103,600	32027	\$230,000	1	19	\$399,40
Pumping Services/Rantal Acidaing & Fracturing	31034 31038		32028 32029	\$2,475,000		10	\$2,479,00
Call Tubing Unit	31036		32030	\$120,000	1	10	\$120,00
Row Tealing, Swebbirg Rehing / Sidefrack Services	31837 31038		32031 32032	\$99,675	-	10	3/15,07
Hippie Up / BOPE Teating Overhead	31039 31840	\$4,400	31033 32034	172,000		10	129,40
Wellsite Consulting Services/Supervision	31041	\$173,626	32035	\$19,000 \$153,050	13003	\$20,000	\$344,57
Engineering / Chological / Lah Service Tracers and diagnostics Rousinbout / Contract Labor	31042 31043	\$25,000 \$8,440	32038 32037	\$35,500	13004	\$15,000	\$160,460
Welding Services	31044	\$5,120	32038	10		60	\$3,121
Interance Miscellareous	31045 31046	\$10,000	32039 32040	10	33405 33008	10	\$10,000
PAA Combs Bajhity / EHS 6	31047 31048		32041 32042	10	33907	10	
5.5% Contingency (5% Taxes on Casing included in caving cost)	31049	\$141,875	32043	\$311,200	31007	\$19,500	\$403,671
NON-Op Drilling Intengible Pleating bestelfstion / feder connect	31050 21051		32844 32043	50 55	22000	\$0 \$0	- 0
TOTAL INTANDRUE COSTS		. NEMIAR	- 1110	15,840,344		\$220,590	\$9,171,307
TANGIBLE COSTS	ADCT	WOLLING - 311X	ACCT CODE	COMPLETION - 321XX	ACCT	FACILITIES -	TOTAL
Size Feet	Tall CODE	-	AUG 1 COCC	TOWN CENTRAL OF INC.	CODE	3313X	101.2
Conductor Surface Cealing 13.38*	31101	\$44,600			-		166,600
1st Intermediate Casing / Liner 9.5%"	31103	\$113,200			1		\$113,200
2nd Intermediate Casing I Liner Production Casing I Liner \$ 10° 21,556	31104						
	\$74.00		12101	1433 665	-		
Casing Tie Back	318.50		32101 32102	1430,000	1		
Casing Tie Back Liner Hanger Assembly Fubling 2.875 19.500 \$			32102 32103	541.425			\$430,000 \$430,000
Casing Tile Back Liver Hanger Assembly Flobing 2.875 10,000 8 Dasing Equipment - OHM& Fisc.	NIS.		32102 32103 32104 32105	\$41,425 \$31,260			\$430,000 167,421 331,200
Zasing Tie Back Linar Hanger Assembly Libiling Dasling Equipment + OHMB / Ftc. Yes Hand Equipment Limping Link I Prima Nover / Base		\$52,000	32102 32103 32104	\$81,425 \$31,200 \$17,000	13101	, şa	\$430,000 \$67,421 \$31,200 \$79,000
Za ing Tie Back Iriner Hanger Assembly (ribhing 2.475 19,000 8  as ing Equipment of Offilial Fisc. (ribhinal Startyment) (ribhinal Startyment) (ribhinal Startyment) (ribhinal Startyment) (ribhinal Startyment)	NIS.	\$52,000	32102 32103 32104 32105 32106 32107 32108	\$41,423 \$31,292 \$27,900 \$10 \$10	13102	## ##	\$430,000 \$67,425 \$31,200 \$79,000 \$5
Za ling Tit Back Irrer Hanger Assembly (John) Za PS 19,000 8  Saving Equipment - OHBM Fisc. Fellins of Endyment Blower / Bace Variping Unit / Phina Blower / Bace Virificial Unit Other - Gae Unit Kifferd Unit Other - Gae Unit Kifferd Edulyment Completions - Production Trae	NIS.	157,000	32102 22103 32104 32105 32106 33107	\$41,423 \$31,292 \$27,900 \$10 \$10	13102 33103 33104	10 10	\$41,421 \$11,201 \$79,001 \$1 \$1,42,001
Zaring Tie Back Limer Hanger Assembly JA15 19,099 1 Za15 1	NIS.	\$57,000	32102 22103 32104 32105 32106 32107 12108 32100 32110 32111	\$41,423 \$31,200 \$17,900 \$19 \$10 \$10,000 \$42,000	13102 13103 33104 23105	\$0 \$0 \$0 \$44,000	\$430,000 \$41,421 \$31,200 \$79,000 \$1 \$11,000 \$42,000 \$40,000
Las ing Tie Back Limer Hanger Assembly Linking Linking Engineers - OHRMA FSc. Wellhand Engineers - Wellhand Linking L	NIS.	157,000	32102 32103 32104 32105 32106 32107 32108 32103 32110 32111 32112 32112	\$41,425 \$37,298 \$17,998 \$19,900 \$10,000 \$41,000 \$10,000 \$10,000	13102 33103 33104 23105 33106 33107	19 50 50 168,000 12 548,200	\$43,000 \$41,421 \$31,301 \$79,000 \$1 \$142,001 \$42,001 \$46,001
La log Tie Back Liver Hanger Assembly (John) Janes Budgemere: 00 MM FSc. Wellhand Budgemere: 00 MM FSc. Wellhand Budgemere: 00 MM FSc. Wellhand Budgemere Verbind Liver House (John Form) Verbind Liver Buse verbind Liver Buse verbind Liver Buse verbind Liver Buse verbind Tiener Completions - Production Tiese Insha Tiener Hopper J States Liver Tiener Hopper J States Liver Tiener Hopper J States Verbind Liver Buse Verbind Liver Bus	NIS.	\$57,000	32102 22103 32104 32105 32106 32107 32108 32109 32110 32111 32112	\$41,425 \$11,260 \$17,600 \$17,600 \$14,600 \$42,600 \$42,600 \$40 \$60 \$60	13102 33103 33104 23105 33106	10 10 10 10 10 10 10	\$47,427 \$11,200 \$79,000 \$1 \$14,000 \$42,000 \$42,000 \$43,000 \$43,000 \$43,000 \$1,000
La log Tie Back Limit Hanger Assembly (John) Janies Boulemert - Oribital Fisc.  Welthand Limit Fisc.  Welthand Limit - Oribital - Fisc.  Inchia I Tian Hispa I States  Limital Tian Hispa I States  Limital Fisc.  Limital	NIS.	\$57,000	32102 22103 32104 32105 32106 32107 22107 2210 32110 32111 32111 32112 32114 32115	\$41,423 \$11,289 \$117,690 \$127,690 \$12,690 \$42,690 \$42,690 \$60 \$60 \$60 \$60 \$60 \$60 \$60 \$60 \$60 \$6	13102 33103 33104 23105 33106 33107 33108 33109 33109	17 10 10 144,000 144,000 41,000 50 50	1470,000 147,021 131,300 179,000 151,100 142,000 144,0
Las ing Tie Back Lime Hanger Assembly Linking Law Hanger Assembly Linking Link	NIS.	\$57,000	32102 22103 32104 32105 32106 32107 32108 32110 32111 32112 32111 32112 32114 32115 32116 32117	\$41,423 \$11,289 \$117,690 \$127,690 \$12,690 \$42,690 \$42,690 \$60 \$60 \$60 \$60 \$60 \$60 \$60 \$60 \$60 \$6	13102 33103 33104 23105 33107 33107 33108 33109 33110 33111	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	1470,000 187,021 131,300 179,000 141,000 141,000 145,000 151,000 149,0
Las ing Tie Back Lime Hanger Assembly Linking Suplement - OHRBAFEs, Wellhand Edupment - OHRBAFEs, Wellhand - OHRBAFEs, Wellhand - OHRBAFEs, Wellhand - Franker Wellhand - Franker Linking Linking - Suplement - Production Time Innah Trank Bigs - Suplement - Production Time Innah Tran	NIS.	\$57,000	32102 22103 32104 32105 32106 32106 32107 32108 32110 32111 32112 32113 32114 32115 32117 32116 32117	\$41,423 \$117,899 \$127,890 \$127,890 \$14,600 \$14,600 \$12,600 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	13102 33103 33104 23105 23108 33107 33108 33109 33110 33111 33111 33112 33113	17 10 10 144,000 144,200 11,000 11,000 10 140,000 144,260 116,000	\$43,000 \$41,000 \$13,000 \$12,000 \$42,000 \$42,000 \$10,00
Las ing Tie Black Liver Hanger Assembly Liver Hanger Liver Hange	NIS.	\$57,000	32102 32103 32104 32105 32106 32107 32108 32109 32110 32111 32112 32114 32114 32116 32117 32118 32119 32129 32129 32129	\$60,423 \$37,205 \$17,900 \$12,900 \$12,900 \$12,900 \$10,90	13102 13103 33104 23105 33107 33108 33107 33109 33110 33111 33112 33113 33114 33114	\$2 \$0 \$14,000 \$14,000 \$1,000 \$1,000 \$2 \$10,000 \$140,000 \$12,000 \$12,000	141,020 141,020 121,000 121,000 141
Las ing Tie Back Limer Hanger Assembly Liner Hanger	NIS.	\$57,000	32102 32103 32104 32105 32106 32107 32108 32109 32110 32111 32112 32114 32115 32117 32118 32117 32118 32120 32120 32120 32120	\$61,423 \$11,289 \$17,990 \$17,990 \$19 \$10,000 \$11,000 \$1	33102 33103 33104 23105 33106 33107 33109 33110 33111 33112 33113 33114 33114 33115	10 10 10 104,500 144,500 144,500 150,000 140,000 141,500 141,500 141,500 141,500 141,500	\$40,000 \$101,000 \$11,000 \$11,000 \$11,000 \$11,000 \$10,0
Las ing Tie Back Limer Hanger Assembly Liner Hanger	NIS.	\$52,000	32102 32103 32104 32105 32105 32107 22108 32110 32111 32112 32114 32114 32116 32117 32116 32117 32118 32118 32118 32122 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123	\$61,423 \$11,289 \$17,999 \$17,999 \$12,690 \$11,650 \$12,690 \$12,690 \$12,690 \$12,690 \$12,690 \$13,690 \$13,690 \$13,690 \$13,690 \$13,690	33102 33103 33194 23105 33107 33107 33107 33109 33110 33111 33112 33113 33114 33115 33116	19 19 19 19 19 19 19 19 19 19 19 19 19 1	\$10,000 \$101,000 \$170,000 \$170,000 \$100
Daning Tie Black Liver Hanger Assembly Tabling Staling Equipment of thill #Fsc. Ariel Band Equipment of Competitions - Production Tiese from Trank Bigs   Black's Bash Bigs   Black's	NIS.	\$32,000	32102 32103 32104 32105 32106 32107 32110 32111 32112 32113 32115 32115 32117 32118 32117 32118 32117 32118 32123 32123 32123 32123 32123 32123 32123 32124	\$60,423 \$37,285 \$17,900 \$12,000 \$12,000 \$12,000 \$10,00	13102 33103 33104 23105 33106 33107 32108 33107 33111 33111 33113 33114 33115 33114 33115 33117	19 19 19 19 19 19 19 19 19 19 19 19 19 1	\$1,000 \$11,000 \$12,000 \$13,000 \$13,000 \$13,000 \$13,000 \$13,000 \$13,000 \$14,000
Daning Tie Black Liver Hangar Assembly Tabling Souling Equipment - Orthitol FSc. Wellhand Equipment Purphing Min I Firm Mover / Buse Stods / Porry Robel / Shriver Bars Melfical Lith Other Gene Lith Wellhand Equipment Completions - Production Tree Innel Tran History - Face Lith Innel Tran History - Face Lith Innel Tran History - Face Lith Innel Tran History - Buse Innel Tran History - Buse Innel Tran History - Buse Innel Tran History - Face Innel Tran History Innel Equipment / Cathodic Protection Index / State - Innel Total Innel Equipment / Cathodic Protection Index / State Equipment Innel Equipment (Cathodic Protection Index / State Equipment Innel In	NIS.	\$32,00	32102 22103 32104 22103 32106 32106 22103 22110 22111 22112 22115 32116 32116 32117 32118 32118 32118 32122 32123 32123 32123 32124 32125 32125 32125 32125 32125 32126 32127 32127 32127 32128 3228 32	\$60,423 \$17,000 \$27,000 \$12,000 \$12,000 \$10	13102 33104 12105 33107 33107 33107 33108 33110 33113 33113 33113 33114 33115 33115 33116 33116 33117 33118 33119 33119	19 19 19 19 19 19 19 19 19 19 19 19 19 1	\$43,000 \$13,500 \$13,500 \$13,500 \$13,500 \$14,600 \$14,600 \$15,00
Las ing Tie Back Liver Hanger Assembly Liver Hanger Hanger Liver Hanger L	NIS.		32102 32103 32104 32105 33106 33107 33108 32110 32111 32112 32112 32114 32116 32126 32	\$60,423 \$37,285 \$17,900 \$12,000 \$12,000 \$12,000 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	13102 33103 33104 23105 33107 33107 33109 33111 33112 33113 33114 33115 33116 33117 33118 33118	19 19 19 19 19 19 19 19 19 19 19 19 19 1	\$1,000 \$1
Las ing Tie Back Liver Hanger Assembly Liver Hanger	31105	311.410	32102 32103 32104 32105 32106 32106 321107 32110 32110 32111 32112 32112 32112 32112 32112 32112 32112 32112 32112 3212	\$1,200 \$17,000 \$17,000 \$17,000 \$12,000 \$12,000 \$12,000 \$12,000 \$12,000 \$12,000 \$12,000 \$12,000 \$13,000 \$13,000 \$13,000 \$13,000 \$13,000 \$14,000	1,5102 3,3104 2,3105 3,3107 3,3108 3,3107 3,3110 3,3110 3,3111 3,3112 3,3113 3,3114 3,3115 3,3116 3,3117 3,3118 3,3118 3,3119	19 19 19 19 19 19 19 19 19 19 19 19 19 1	\$11,000 \$11,000 \$11,000 \$11,000 \$10
Las ing Tie Back Liver Hanger Assembly Liver Hanger Hanger Liver Hanger L	31105		32102 32103 32104 32105 32106 32107 32108 32110 32111 32112 32115 32116 32116 32116 32116 32116 32112 3122 3122 3122 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3124 3125 3126 3126 3127 3127 3128 3	\$60,423 \$37,285 \$17,900 \$12,000 \$12,000 \$12,000 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	1,5102 3,3103 4,2105 3,2108 3,3107 3,2108 3,3107 3,3112 3,3113 3,3114 3,3115 3,3116 3,3117 3,3118 3,	19 19 19 19 19 19 19 19 19 19 19 19 19 1	143,000 111,200 121,000 121,000 141
Las ing Tie Back Liver Hanger Assembly Liver Hanger	31105 31105 31106	\$11,690 2243,492	32102 32103 32104 32105 32106 32107 32108 32110 32111 32112 32115 32116 32116 32116 32116 32116 32112 3122 3122 3122 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3124 3125 3126 3126 3127 3127 3128 3	\$01,423 \$17,000 \$27,000 \$27,000 \$12,000 \$12,000 \$12,000 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	1,5102 3,3103 4,2105 3,2108 3,3107 3,2108 3,3107 3,3112 3,3113 3,3114 3,3115 3,3116 3,3117 3,3118 3,	19 19 19 19 19 19 19 19 19 19 19 19 19 1	143,000 141,000 173,000 173,000 173,000 174
Las ing Tie Back Liver Hanger Assembly Linking Liver Hanger Assembly Liver Hanger Liver Liver Hanger Liver Li	31105 31105	511.690 1155.400 15724.512	32102 32103 32104 32105 32106 32107 32108 32110 32111 32112 32115 32116 32116 32116 32116 32116 32112 3122 3122 3122 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3122 3124 3124 3125 3126 3126 3127 3127 3128 3	\$01,423 \$17,000 \$27,000 \$27,000 \$12,000 \$12,000 \$12,000 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	1,5102 3,3103 4,2105 3,2108 3,3107 3,2108 3,3107 3,3112 3,3113 3,3114 3,3115 3,3116 3,3117 3,3118 3,	19 19 19 19 19 19 19 19 19 19 19 19 19 1	143,000 141,000 173,000 173,000 173,000 174
Las ing Tie Back Liver Hanger Assembly Liver Hanger	31105 31105 31106	\$11,690 1855,490 35,222,512 Tds: Engines	32102 32103 32105 32105 32106 32106 32110 32110 32111 32112 32113 32114 32117 32117 32117 32118 32119 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123	\$1,423 \$1,289 \$17,600 \$2,500 \$12,600 \$12,600 \$12,600 \$12,600 \$12,600 \$12,600 \$12,600 \$14,600 \$14,600 \$14,600 \$14,600 \$14,600 \$14,600 \$15,410 \$	1,5102 3,3103 4,2105 3,2108 3,3107 3,2108 3,3107 3,3112 3,3113 3,3114 3,3115 3,3116 3,3117 3,3118 3,	19 19 19 19 19 19 19 19 19 19 19 19 19 1	143,000 141,000 173,000 173,000 173,000 174
Las ing Tie Back Liver Hanger Assembly Liver Hanger Hanger Liver	31106 31107 31106 31107	\$11,699 \$25,590 \$3,225,590 \$4,225,500 \$4,225,500 \$4,225,500 \$4,225,500 \$4,225,500 \$4,225,500 \$4,225,500 \$4,225,500 \$4,225	32102 32103 32105 32105 32106 32106 32110 32110 32111 32112 32113 32114 32117 32117 32117 32118 32119 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123	\$1,423 \$1,289 \$17,600 \$2,500 \$12,600 \$12,600 \$12,600 \$12,600 \$12,600 \$12,600 \$12,600 \$14,600 \$14,600 \$14,600 \$14,600 \$14,600 \$14,600 \$15,410 \$	1,5102 3,3103 4,2105 3,2108 3,3107 3,2108 3,3107 3,3112 3,3113 3,3114 3,3115 3,3116 3,3117 3,3118 3,	19 19 19 19 19 19 19 19 19 19 19 19 19 1	143,000 111,200 121,000 121,000 141
Lasing Till Black Inter Hanger Assembly Labring Sauphmers v. Othika Fisc. Verifies and Eguipmers v. Othika Fisc. Verifies and Verifies Verifies and	31105 31105 31106 31107	\$11,65P 1355,652 35,222,512 Table sequents insurence and pay policy.	32102 32103 32105 32105 32106 32106 32110 32110 32111 32112 32113 32114 32117 32117 32117 32118 32119 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123	\$1,423 \$1,289 \$17,600 \$2,500 \$12,600 \$12,600 \$12,600 \$12,600 \$12,600 \$12,600 \$12,600 \$14,600 \$14,600 \$14,600 \$14,600 \$14,600 \$14,600 \$15,410 \$	1,5102 3,3103 4,2105 3,2108 3,3107 3,2108 3,3107 3,3112 3,3113 3,3114 3,3115 3,3116 3,3117 3,3118 3,	19 19 19 19 19 19 19 19 19 19 19 19 19 1	143,000 141,000 173,000 173,000 173,000 174
asing Tit Back were funger Assembly ubling asing Equipment - OthM& Fisc. Irelihead Epdipment upring Irelihead Upring Irelihead Upring Irelihead Upring Irelihead Upring Irelihead Upring Irelihead Upring Upring Irelihead Upring	31105 31105 31106 31107	\$11,65P 1355,652 35,222,512 Table sequents insurence and pay policy.	32102 32103 32105 32105 32106 32106 32110 32110 32111 32112 32113 32114 32117 32117 32117 32118 32119 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123	\$1,423 \$1,289 \$17,600 \$2,500 \$12,600 \$12,600 \$12,600 \$12,600 \$12,600 \$12,600 \$12,600 \$14,600 \$14,600 \$14,600 \$14,600 \$14,600 \$14,600 \$15,410 \$	1,5102 3,3103 4,2105 3,2108 3,3107 3,2108 3,3107 3,3112 3,3113 3,3114 3,3115 3,3116 3,3117 3,3118 3,	19 19 19 19 19 19 19 19 19 19 19 19 19 1	143,000 141,000 173,000 173,000 173,000 174
Lating Till Black Inter Hanger Assembly JASS 119,000 \$2  Lating Equipment of Orthito Fisc. Veilthead Fisc. Veilthead Equipment Orthito Fisc. Veilthead Equipment Orthito Fisc. Veilthead Equipment of Orthito Fisc. Veilthead Equipment of Orthito Fisc. Veilthead Equipment Orthito Fisc. Veilthead	31105 31105 31106 31107	\$11,65P 1355,652 35,222,512 Table sequents insurence and pay policy.	32102 32103 32105 32105 32106 32106 32110 32110 32111 32112 32113 32114 32117 32117 32117 32118 32119 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123	\$1,423 \$1,289 \$17,600 \$2,500 \$12,600 \$12,600 \$12,600 \$12,600 \$12,600 \$12,600 \$12,600 \$14,600 \$14,600 \$14,600 \$14,600 \$14,600 \$14,600 \$15,410 \$	1,5102 3,3103 4,2105 3,2108 3,3107 3,2108 3,3107 3,3112 3,3113 3,3114 3,3115 3,3116 3,3117 3,3118 3,	19 19 19 19 19 19 19 19 19 19 19 19 19 1	143,000 111,200 121,000 121,000 141
asing Tit Back were funger Assembly ubling asing Equipment - OthM& Fisc. Irelihead Epdipment upring Irelihead Upring Irelihead Upring Irelihead Upring Irelihead Upring Irelihead Upring Irelihead Upring Upring Irelihead Upring	31105 31105 31106 31107	\$11,65P 1355,652 35,222,512 Table sequents insurence and pay policy.	32102 32103 32105 32105 32106 32106 32110 32110 32111 32112 32113 32114 32117 32117 32117 32118 32119 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123 32123	\$1,423 \$1,289 \$17,600 \$2,500 \$12,600 \$12,600 \$12,600 \$12,600 \$12,600 \$12,600 \$12,600 \$14,600 \$14,600 \$14,600 \$14,600 \$14,600 \$14,600 \$15,410 \$	1,5102 3,3103 4,2105 3,2108 3,3107 3,2108 3,3107 3,3112 3,3113 3,3114 3,3115 3,3116 3,3117 3,3118 3,	19 19 19 19 19 19 19 19 19 19 19 19 19 1	

.

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

APPLICATION OF CATENA RESOURCES OPERATING, LLC FOR COMPULSORY POOLING IN LEA COUNTY, NEW MEXICO

**CASE NO. 21483** 

**AFFIDAVIT** 

STATE OF NEW MEXICO }

}ss }

COUNTY OF SANTA FE

AFFIANT, ERNEST L. PADILLA, first being duly sworn on oath states:

Ernest L. Padilla, attorney for CATENA RESOURCES OPERATING, LLC, the Applicant herein, states that notice of the above-referenced Applications were mailed to the interested parties shown on Exhibit "A" attached hereto in accordance with Oil Conservation Division Rules, and that true and correct copies of the notice letter and proof of notice are attached hereto.

ERNEST L. PADILLA

on B. Falley

SWORN TO AND SUBCRIBED to before me this 20th day of April, 2021, by Ernest L.

Padilla.

Notary Public

My Commission Expires: April 9, 2025

A PUBLIC CO

# **EXHIBIT A**

#### **OCD CASE 21483**

#### PADILLA LAW FIRM, P.A.

**TELEPHONE** 505-988-7577

STREET ADDRESS
1512 S. ST. FRANCIS DRIVE
SANTA FE, NM 87505
MAILING ADDRESS
P.O. BOX 2523
SANTA FE, NEW MEXICO 87504-2523
EMAIL ADDRESS

padillalaw@qwestoffice.net

**FACSIMILE** 505-988-7592

October 12, 2020

#### CERTIFIED MAIL/RETURN RECEIPT REQUESTED

TO: ALL INTEREST OWNERS

Re: NMOCD Case Number#21483, In the Matter of the Application of Catena Resources Operating, LLC, for compulsory pooling in Lea County, New Mexico.

Ladies and Gentlemen:

This letter will advise that Catena Resources Operating, LLC has filed an application with the New Mexico Oil Conservation Division seeking an order for compulsory pooling, in Eddy County, New Mexico as referenced above. Copy of the application is enclosed.

During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. The hearing will be conducted on To participate in the electronic hearing, see the November 5, 2020 at 8:15 a.m. instructions posted on the OCD Hearings http://www.emnrd.state.nm.us/OCD/announcements.html. Nonetheless, to stay informed as to any changes for hearing procedures you should consult the OCD website for further instructions. You are not required to attend these hearings, but as an owner of an interest or offset operator that may be affected, you may appear and present testimony. Failure to appear at the time and become a party of record will preclude you from challenging these applications at a later time. If you intend to attend the hearing and present testimony or evidence, you must enter your appearance and serve the Division, counsel for the Applicant, and other parties with a pre-hearing statement at least four business days before the scheduled hearing date in accordance with Division Rule 1211.

ÉRNEST L. PADILLA

ELP:jbg

cc: Catena Resources Operating, LLC

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

APPLICATION OF CATENA RESOURCES OPERATING, LLC FOR COMPULSORY POOLING IN LEA COUNTY, NEW MEXICO

CASE NO. 21483

#### **APPLICATION FOR COMPULSORY POOLING**

CATENA RESOURCES OPERATING, LLC (OGRID 328449) applies for an order pooling all mineral interests within Scharb Bone Spring Pool (Pool Code 55610), underlying the E/2 E/2 of Sections 8 and 17, Township 19 South, Range 35 East, NMPM, Lea County, New Mexico. In support of this application, Applicant states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to dedicate the above referenced horizontal spacing unit to the following initial well:

#### A. Rambo 2H

SHL: Unit B of Section 20, Township 19 South, Range 35 East;

190' FNL, 1390' FEL, NMPM;

BHL: Unit A of Section 8, Township 19 South, Range 35 East;

100' FNL, 1200' FEL, NMPM;

Completion Target: Scharb Bone Spring;

Well Orientation: North/South Completion Location: standard.

- 3. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all of the working interest owners in the subject spacing unit.
- 4. The requested pooling of interests will avoid the drilling of unnecessary wells, will prevent waste and will protect correlative rights.
  - 5. In order to permit Applicant to obtain its just and fair share of the oil and gas

underlying the subject lands, all uncommitted interests in this horizontal spacing unit should be pooled and Applicant should be designated the operator of this proposed horizontal well and the proposed spacing unit.

WHEREFORE, Applicant, requests after notice and hearing, the Division enter its order:

- A. Pooling all uncommitted interests in this horizontal spacing unit;
- B. Approving one initial horizontal well in this spacing unit;
- C. Designating Applicant operator of this spacing unit and the horizontal well to be drilled thereon;
- D. Authorizing Applicant to recover its costs of drilling, equipping and completing the well;
- E. Approving the actual operating charges and costs of supervision while drilling and after completing, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and;
- F. Imposing a 200% charge for risk assumed by Applicant in drilling and completing the well against any working interest owner who does not voluntarily participate in the drilling of the well.

PADILLA LAW FIRM, P.A.

By: /s/ Ernest L. Padilla

Ernest L. Padilla P.O. Box 2523 Santa Fe, New Mexico 87504 (505) 988-7577 padillalaw@qwestoffice.net

Rambao 2H

# E/2 of sections 8 & 17, 19S 35E

					Overlapping Spacing Unit
Type of Interest	Street	City	State	Zip	Required
	600 W. Illinois Ave	Midland	ス	79701	yes
	5400 LBJ Freeway, Suite 1500	Dallas	컺	75240	yes
	PO Box 1635	Houston	컺	77251	yes
	PO Box 429	Roswell	z S	88202	Ves
ne Operating C Permian vron herstone	1 1 1 1	Type of Interest	Type of Interest Street  600 W. Illinois Ave 5400 LBJ Freeway, Suite 1500 PO Box 1635 PO Box 429	Type of Interest Street City State  600 W. Illinois Ave Midland TX  5400 LBJ Freeway, Suite 1500 Dallas TX  PO Box 1635 Houston TX  PO Box 429 Roswell NM	Type of Interest Street City  600 W. Illinois Ave Midland 5400 LBJ Freeway, Suite 1500 Dallas PO Box 1635 Houston PO Box 429 Roswell

	E/2 of sections 8 & 17, 19S 35E	ORRI	Rambo 24		
	Name	Street	City	State	Zip
Ē	Featherstone	PO Box 429	Roswell	N	88202 S2 NE
E C	Ross Duncan	PO Box 647	Artesia	N	88211 S2 NE
9	Big Three Energy	PO Box 429	Roswell	N	88202 S2 NE
	Robert G. Hooper	PO Box 773	Roswell	NM	88240 S2 NE
	Roy G. Barton	1919 N Turner St	Hobbs	NM	88240 S2 NE
	Camarie Oil & Gas	2502 Camarie	Midland	ΤX	79705 S2 NE
250	Panhandle Properties	PO Box 647	Artesia	Z	88211 S2 NE

# Domestic Mail Only CERTIFIED MAIL® RECEIPT U.S. Postal Service

9804

For delivery information, visit our website at www.usps.com 

T

Postmark Here

7018 3090 0007 4741 Street and Apt. No Extra Services & Fees (check box, add fee as appropriate Return Receipt (hardcopy) Sent To Total Postage and Certified Mail Fee Adult Signature Restricted Delivery \$ Adult Signature Required ☐ Certified Mall Restricted Delivery Return Receipt (electronic) PO Box 647 Panhandle Properties Ross Duncan

SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3.

City, State, ZIP+4

Artesia, NM 88211

7018

Sent To

MRC Permian

Street and Apt. N Dallas, TX 74240

5400 LBJ Freeway, Suite 1500

City, State, ZIP+4

2S Form 3800, April 2015 PSN 7530-02-

3090

Total Postage an

0001

Adult Signature Restricted Delivery \$

Postmark

Here

4738

Certified Mail Fee

0494

Domestic Man Omy
For delivery information, visit our website at www.usps.com

CERTIFIED MAIL® RECEIPT

U.S. Postal Service

S Form 3800,

Print your name and address on the reverse so that we can return the card to you.

× the

Attach this card to the back of the mailpiece Article Addressed to: or on the front if space permits.

Ross Duncan Panhandle Properties

2. Article Number (Transfer from service label) 9590 9402 4582 8278 6118 48

Thin Tooo oboe 9To 4096

PS Form 3811, July 2015 PSN 7530-02-000-9053

Artesia, NM 88211 PO Box 647

3. Service Type

Adult Signature

Adult Signature Restricted Delivery

Certified Mail

Collect on Delivery Restricted Delivery

Collect on Delivery Restricted Delivery

Collect on Delivery Delivery

Collect on Delivery Restricted Delivery

Collect on Delivery Restricted Delivery

Mail Restricted Delivery

PReturn Receipt for Merchandise

y Signature Confirmation

Restricted Delivery ☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted
☐ Delivery

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

SENDER COMPLETE THIS SECTION

Complete items 1, 2, and 3.

Received by (Printed Name)

ç Date of Delivery ☐ Agent
☐ Addressee

Attach this card to the back of the mailpiece, Print your name and address on the reverse so that we can return the card to you. or on the front if space permits.

1. Article Addressed to:

D. Is delivery address different from item 1?
If YES, enter delivery address below:

□ Yes

Junas

5400 LBJ Freeway, Suite 1500 Dallas, TX 74240 MRC Permian

1000 060E 8102 2. Article Number (Transfer from service label) **4738 h**bh0

PS Form 3811, July 2015 PSN 7530-02-000-9053

A Signature COMPLETE THIS SECTION ON DELIVERY

B. Received by (Printed Name) Ō C. Date of Delive ☐ Agent

ON O

Is delivery address different from item ? Yes

3. Service Type

Adult Signature

Adult Signature

Adult Signature

Certified Mail®

Certified Mail®

Certified Mail®

Collect on Delivery

Collect on Delivery

In Collect on Delivery

T-Insured Mail Mail Restricted Delivery Priority Mall Express®
Registered Mail Restriction of the Comment ☐ Signature Confirma Restricted Delive

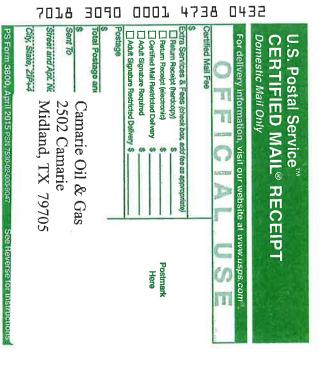
Domestic Return Recei

# Domestic Mail Only CERTIFIED MAIL® RECEIPT U.S. Postal Service

Certified Mail Fee For delivery information, visit our website at www.usps.com Postmark Here

#### 7018 3090 0001 4738 Extra Services & Fees (check box, add fee as appropriate) Return Receipt (electronic) Return Receipt (electronic) Cartified Mall Restricted Delivery \$ Adult Signature Restricted Delivery \$ Adult Signature Restricted Delivery \$ Sent To Street and Apt. N Postage City, State, ZIP+4 Total Postage an S Form 3800, April 2015 PSK Roy G. Barton Hobbs, NM 88240 1919 N. Turner Street

PS Form 3811, July 2015 PSN 7530-02-000-9053	- 12	Roy G. Barton 1919 N. Turner Street Hobbs, NM 88240	SENDER: COMPLETE THIS SECTION  Complete items 1, 2; and 3.  Print your name and address on the reverse so that we can return the card to you.  Attach this card to the back of the malipiece, or on the front if space permits.  1. Article Addressed to:
Domestic Return Receipt	3. Service Type  Adult Signature  Adult Signature Restricted Delivery  Adult Signature Restricted Delivery  Certified Mail®  Certified Mail®  Certified Mail®  Collect on Delivery  Collect on Delivery Restricted Delivery  Signature Confirmation  Insured Mail Restricted Delivery		COMPLETE THIS SECTION ON DELIVERY  A. Signature  X. D- /6 C/9
Domestic Return Receipt : PS Form 3811, July 2015 PSN 7530-02-000-9053	9590 9402 4582 8278 6118 79 3 2. Article Number (Transfer from service label) 7.01.6 30.90 0001 4736 0432	Camarie Oil & Gas 2502 Camarie Midland, TX 79705	SENDER: COMPLETE THIS SECTION  Complete items 1, 2, and 3.  Print your name and address on the reverse so that we can return the card to you.  Attach this card to the back of the malipiece, or on the front if space permits.
Domestic Return Rec	3. Service Type  Adult Signature Adult Signatu		A. Signature  A. Signature  A. Signature  A. Signature  A. Signature  A. Signature  C. Date of Delivery address different from item 1? Tes



# Domestic Mail Only CERTIFIED MAIL® RECEIPT U.S. Postal Service

For delivery information, visit our websi For delivery information and fee as appropriate Stra Services & Fees (abect box, add fee as appropriate) Feet Recurrence For delivery information and fees as appropriate) Feet Box and fee as appropriate Stra Services & Fees (abect box, add fee as appropriate) Feet Box and fees as appropriate as	
For delivery information, visit our website at www.usps.com.  For delivery information, visit our website at www.usps.com.  All Services & Fees (check box, add fee as appropriate)  Return Receipt (electronic)  Return Receipt (electronic)  Adult Signature Restricted Delivery \$	יייייייייייייייייייייייייייייייייייייי

בתכע בחתם חפתב אגחק

7018

Sent To

Featherstone

Street and Apt. No. PO Box 429

City, State, ZIP-14 Roswell, NM 88202

PS Form 3800, A

3090

Adult Signature Restricted Delivery \$ Adult Signature Required Certified Mail Restricted Delivery Return Receipt (electronic) Return Receipt (hardcopy)

Total Postage and

Postmark

Here

4741

artified Mail Fee

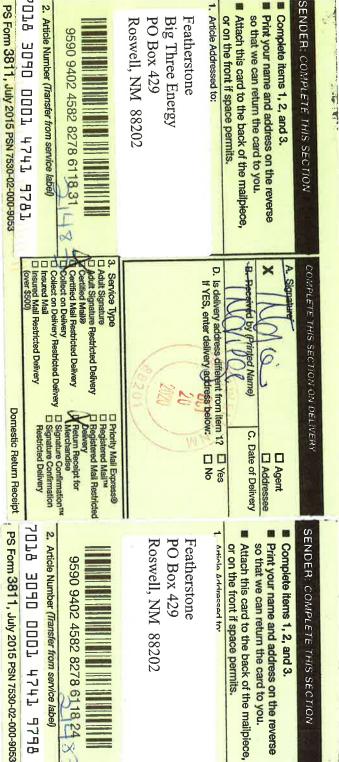
0.0

11

14

ktra Services & Fees (check box, add fee as appropriate

9798





Domestic Return Rece Restricted Delivery

# Domestic Mail Only For delivery information, visit our website at www.usps.com CERTIFIED MAIL® RECEIPT U.S. Postal Service

# Domestic Mail Only U.S. Postal Service" CERTIFIED MAIL® RECEIPT

9811

For delivery information, visit our website at www.usps.com

0500

Total Postage and Certified Mail Fee Postmark Here

4738 7018 1000 0001 Extra Services & Fees (check box, add fee as appropriate)

| Return Receipt (electronic)
| Certified Mall Restricted Delivery \$ |
| Adult Signature Recuired | Selvery \$ |
| Adult Signature Restricted Delivery \$ | Sent To Sireet and Apt. W. Houston, TX 77251 City, State, ZIP+4 PS Form 3800, April 2015 PSN 530 02-000-904 PO Box 1635 Chevron 4741 7018 3090 0007 Sent To City, State, ZIP+4® Street and Apt. No. PS Form 3800, A

Dogmestic Return Receipt	3. Service Type  Adult Signature  Adult Signature Restricted Delivery  Certified Mall Restricted Delivery  Cordified Mall Restricted Delivery  Collect on Delivery Restricted Delivery  Restricted Delivery  Restricted Delivery  Restricted Delivery  Restricted Delivery  Restricted Delivery  Restricted Delivery	D. is delivery address different from item 1? LI Yes If YES, enter delivery address below: ☐ No	A. Signature  A. Signature  A. Signature  A. Agent  A. Addressee  B. Received by Printed Name)  C. Date of Delivery  A. Signature	COMPLETE THIS SECTION ON BELIVERY
PS Form 3811, July 2015 PSN 7530-02-000-9053	9590 9402 4582 8278 6118 55 2. Article Number (Transfer from service label) 7018 3090 0001 4741 9811	Robert G. Hooper PO Box 773 Roswell, NM 88202	<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or the front if space permits.</li> </ul>	SENDER: COMPLETE THIS SECTION
Domestic Return Receip	3. Service Type  Adult Signature Restricted Delivery  Certified Mail®  Adult Signature Restricted Delivery  Certified Mail®  Certified Mail®  Collect on Delivery  Collect on Delivery Restricted Delivery  Collect on Delivery Restricted Delivery  Collect on Delivery Restricted Delivery  Restricted Delivery  Restricted Delivery  Restricted Delivery  Restricted Delivery  Restricted Delivery  Restricted Delivery  Restricted Delivery	F.D. Box 133	A. Signature  X. Marin Stormel Addresse  B. Received by (Printed Name)  SNARDN HOWELL 16/16/20	COMPLETE THIS SECTION ON DELIVERY

1. Article Addressed to:

Houston, TX 77251

PO Box 1635 Chevron Attach this card to the back of the mailpiece.

or on the front if space permits.

Print your name and address on the reverse

so that we can return the card to you.

■ Complete items 1, 2, and 3.

SENDER COMPLETE THIS SECTION

PS Form 3811, July 2015 PSN 7530-02-000-9053 0020 8E74 1000 0P0E 810' Article Number (Transfer from service label)

#### Total Postage and Fees Certified Mail Fee ☐ Adult Signature Required Adult Signature Restricted Delivery \$\_ Certified Mail Restricted Delivery For delivery information, visit our website at www.usps.com Domestic Mail Only CERTIFIED MAIL® RECEIPT U.S. Postal Service PO Box 773 Robert G. Hooper Roswell, NM 88202 Postmark Here

2840	U.S. Postal Service <sup>™</sup> CERTIFIED MAIL <sup>®</sup> RE Domestic Mail Only For delivery information, visit our webs	
4738	Certified Mall Fee  \$ Extra Services & Fees (check box, add fee as appropriate   Return Receipt (hardcopy)   Return Receipt (electronic)   Return Receipt (electronic)	LUSE
1000 OFOE	Certified Mail Restricted Delivery \$  Adult Signature Required \$  Adult Signature Restricted Delivery \$  Postage \$  Total Postage and	Here
7018	Sont To  COG Operating 600 W. Illinois A Midland, TX 79	