

CASE NOS. 21063 - 21065

**APPLICATIONS OF  
MATADOR PRODUCTION COMPANY FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO**

EXHIBITS – PART III

A. Landman's Affidavit

B-1. Affidavit of Notice

B-2. Affidavit of Publication

C. Geologist's Affidavit

D. Applications and Proposed Notices

E. Pooling Checklists



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

APPLICATIONS OF MATADOR  
PRODUCTION COMPANY FOR  
COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.

CASE NOS. 21063, 21064, 21065

AFFIDAVIT OF ANDREW PARKER

Andrew Parker, of lawful age and being first duly sworn, declares as follows:

1. My name is Andrew Parker. I work for MRC Energy Company, an affiliate of Matador Production Company ("Matador"), as a Vice President of Geology.
2. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum geology. My credentials as a petroleum geologist have been accepted by the Division and made a matter of record.
3. I am familiar with the applications filed by Matador in these cases, and I have conducted a geologic study of the lands in the subject area.
4. **Matador Exhibit C-1** is a locator map outlining the horizontal spacing units with a black box shaded in yellow, with the larger area identified in a red box.

**Case Nos. 21603 and 21604**

5. In **Case Nos. 21603 and 21604**, Matador intends to develop the Bone Spring formation.
6. **Matador Exhibit C-2** is a subsea structure map that I prepared on the top of the Bone Spring formation. The contour interval is 20 feet. The structure map shows the Bone Spring formation gently dipping to the east-northeast. The structure appears consistent across the

EXHIBIT

C

proposed wellbore paths. I do not observe any faulting, pinchouts, or other geologic impediments to horizontal drilling.

7. Also included on Matador Exhibit C-2 is a line of cross section from A to A'.

8. **Matador Exhibit C-3** is a structural cross-section that I prepared displaying open-hole logs run over the Bone Spring formation from the two representative wells denoted from A to A'. For each well in the cross-section, the following logs are included: gamma ray, resistivity, and porosity. The proposed target intervals of each of the respective proposed wells is labeled and marked with a yellow shaded area. The logs in the cross-section demonstrate that the targeted intervals, within the Bone Spring formation, are consistent in thickness across the entirety of the proposed spacing unit.

9. Based on my geologic study of the area, I have not identified any geologic impediments to drilling horizontal wells within the Bone Spring formation in the area of the spacing units proposed in these cases.

10. In my opinion, each quarter-quarter section will be productive and contribute more-or-less equally to production from each respective horizontal spacing unit.

11. In my opinion, horizontal drilling will be the most efficient method to develop this acreage, to prevent the drilling of unnecessary wells, and to result in the greatest ultimate recovery.

12. Approving Matador's applications will be in the best interest of conservation, the prevention of waste, and protection of correlative rights.

#### **Case No. 21605**

13. In **Case Nos. 21605**, Matador intends to develop the Wolfcamp formation.

14. **Matador Exhibit C-4** is a subsea structure map that I prepared on the top of the Wolfcamp formation. The contour interval is 20 feet. The structure map shows the Wolfcamp

formation gently dipping to the east-southeast. The structure appears consistent across the proposed wellbore paths. I do not observe any faulting, pinchouts, or other geologic impediments to horizontal drilling.

15. Also included on Matador Exhibit C-4 is a line of cross section from A to A'.

16. **Matador Exhibit C-5** is a structural cross-section that I prepared displaying open-hole logs run over the Wolfcamp formation from the two representative wells denoted from A to A'. For each well in the cross-section, the following logs are included: gamma ray, resistivity, and porosity. The proposed target interval of the proposed well is labeled and marked with a yellow shaded area. The logs in the cross-section demonstrate that the targeted interval, within the Wolfcamp formation, is consistent in thickness, across the entirety of the proposed spacing unit.

17. Based on my geologic study of the area, I have not identified any geologic impediments to drilling horizontal wells within the Wolfcamp formation in the area of the spacing units proposed in these cases.

18. In my opinion, each quarter-quarter section will be productive and contribute more-or-less equally to production from each respective horizontal spacing unit.

19. In my opinion, horizontal drilling will be the most efficient method to develop this acreage, to prevent the drilling of unnecessary wells, and to result in the greatest ultimate recovery.

20. Approving Matador's application will be in the best interest of conservation, the prevention of waste, and protection of correlative rights.

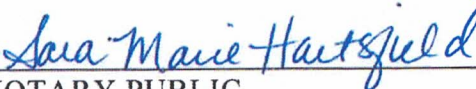
21. **Matador Exhibits C-1 through C-5** were either prepared by me or compiled under my direction and supervision.

FURTHER AFFIANT SAYETH NOT.

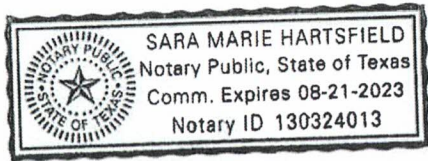
  
\_\_\_\_\_  
ANDREW PARKER

STATE OF TEXAS            )  
  )  
COUNTY OF DALLAS        )

SUBSCRIBED and SWORN to before me this 11<sup>th</sup> day of June 2021 by  
Andrew Parker.

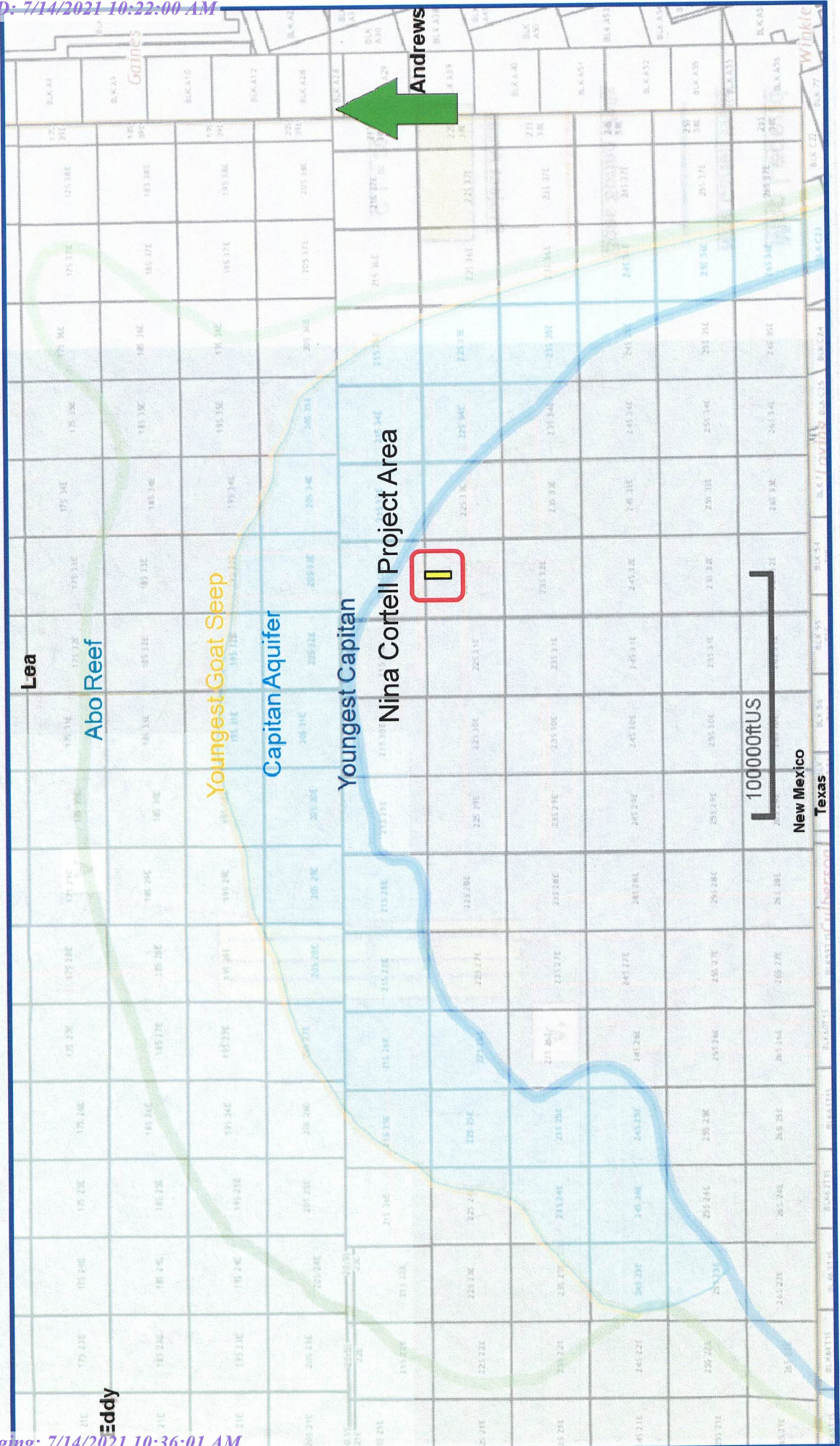
  
\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires:  
8-21-2023



# Exhibit C-1

# Locator Map



# Exhibit C-2

## Billbrey Basin; Bone Spring (Pool Code 5695) Structure Map (Bone Spring Subsea) A – A' Reference Line

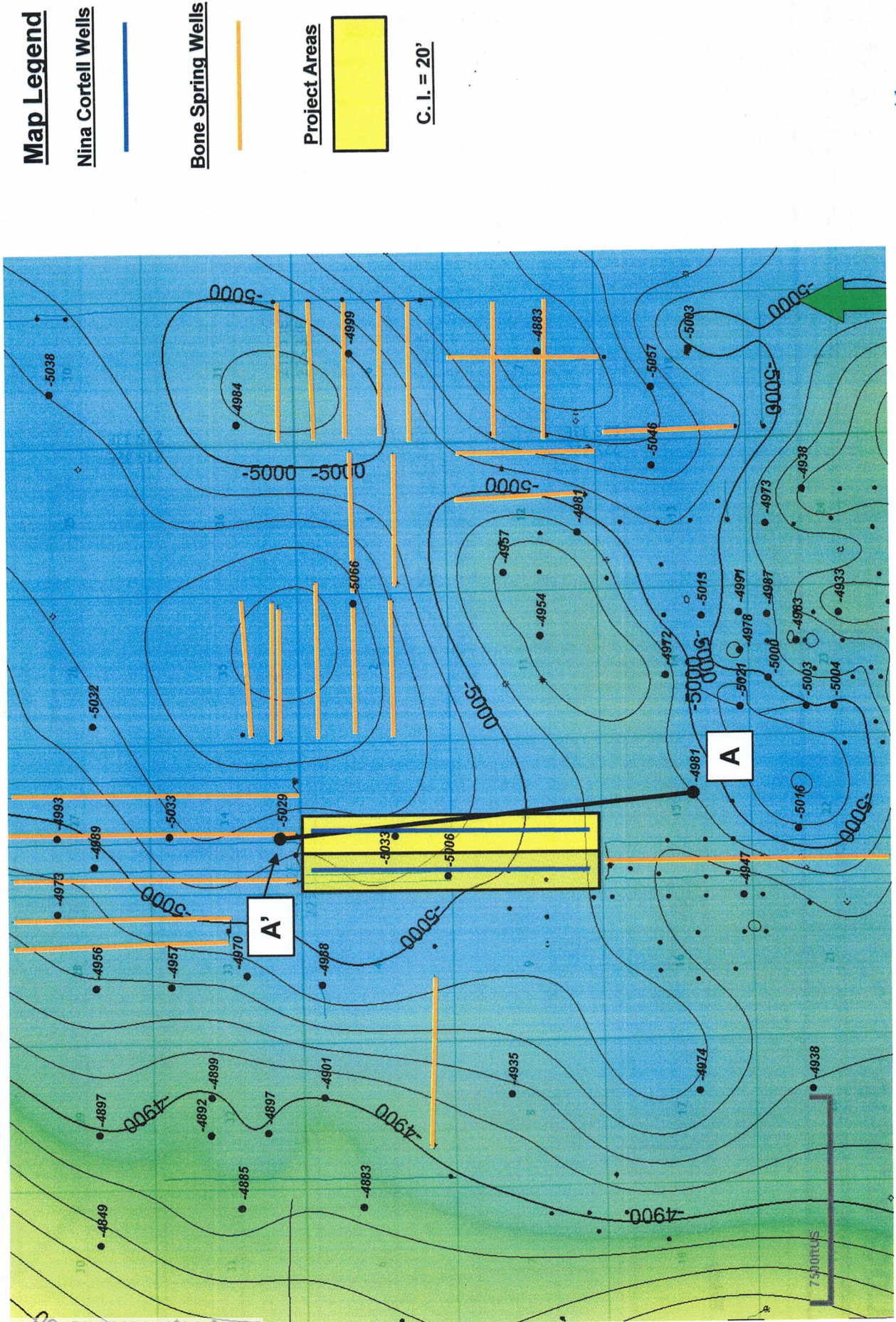
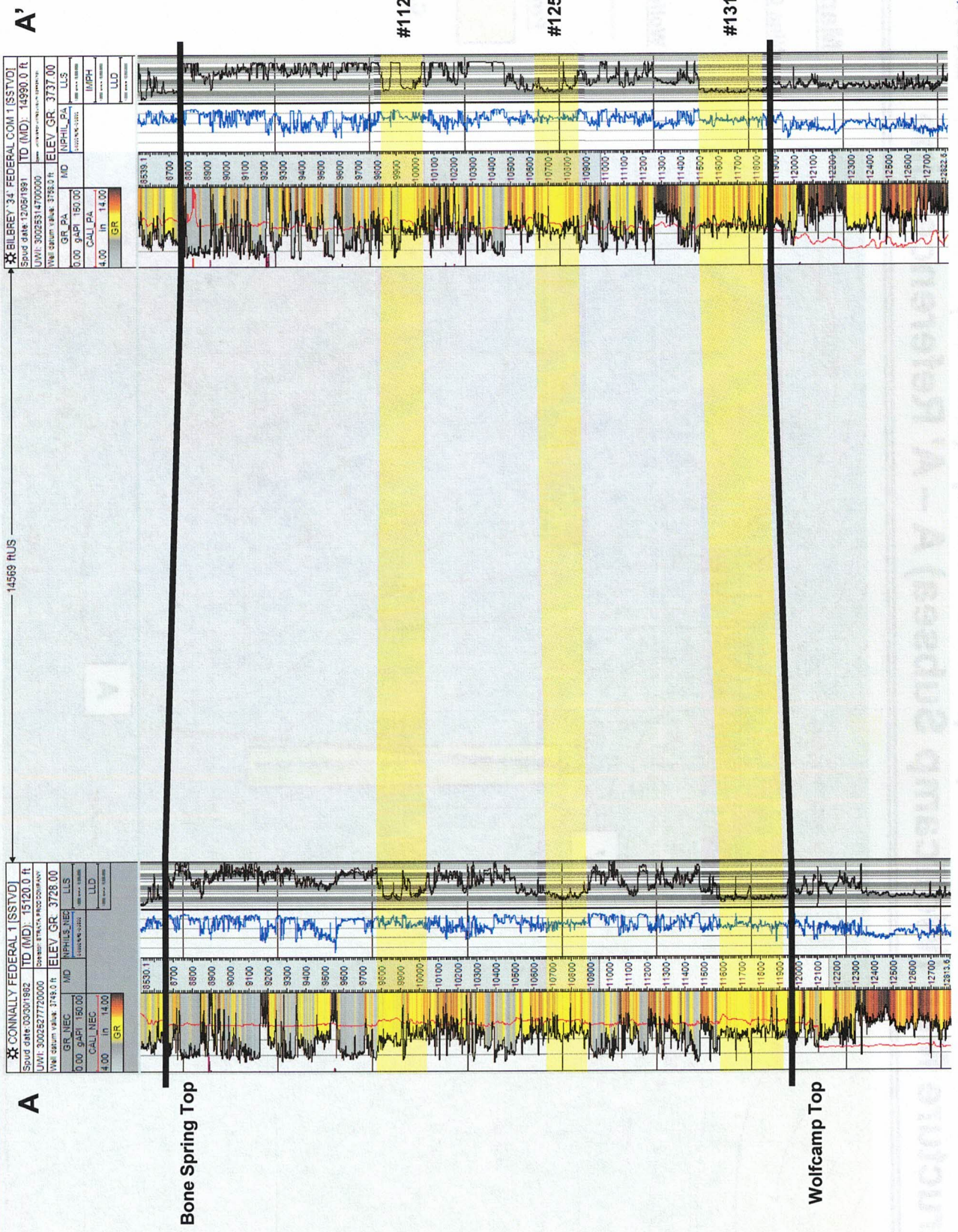


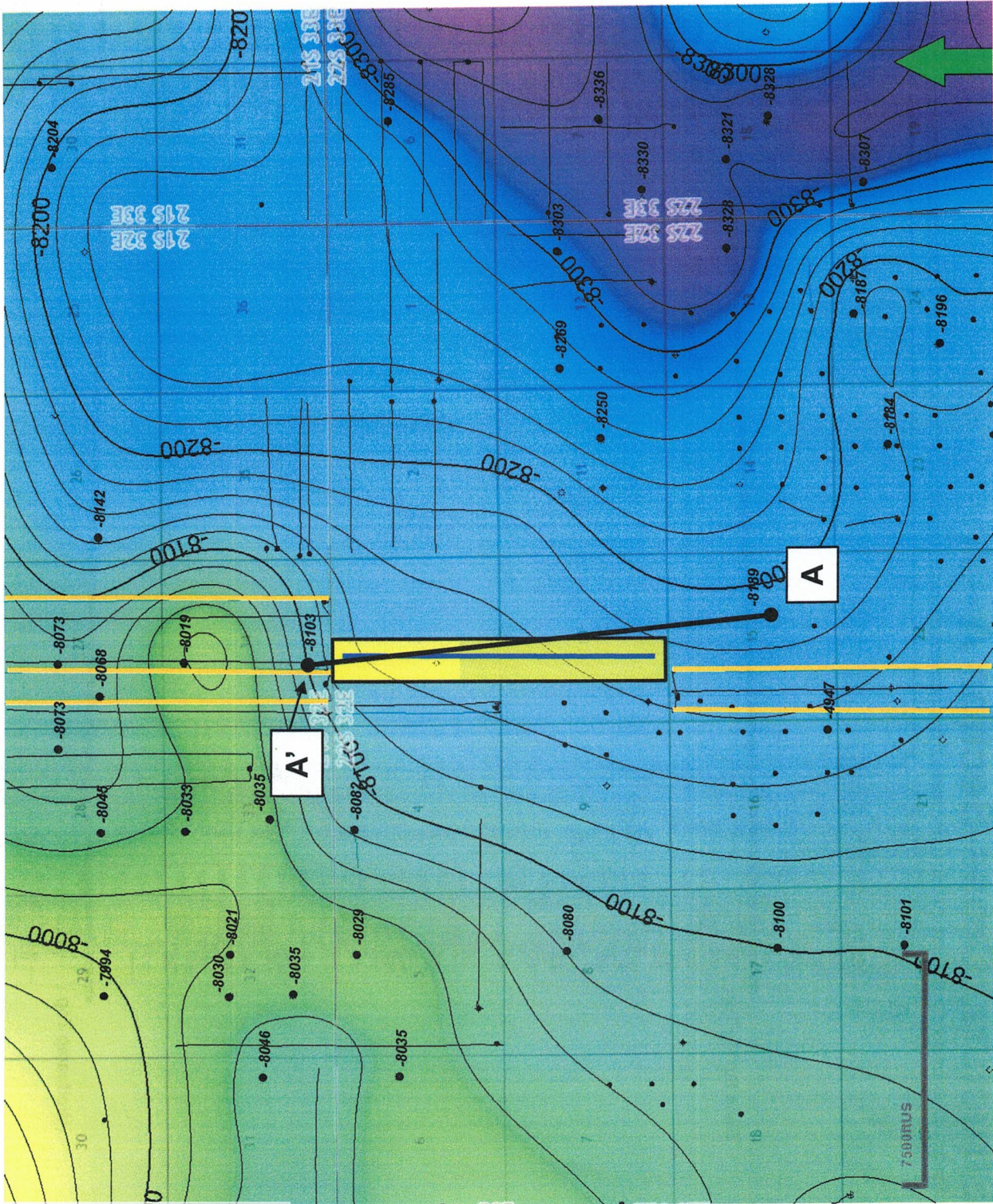
Exhibit C-3

Bilbrey Basin; Bone Spring (Pool Code 5695)  
Structural Cross-Section A - A'





# WC-025 G-09 S233216K; Upr Wolfcamp (98166) Structure Map (Wolfcamp Subsea) A - A' Reference Line



**Map Legend**

Nina Cortell Wells



Wolfcamp Wells

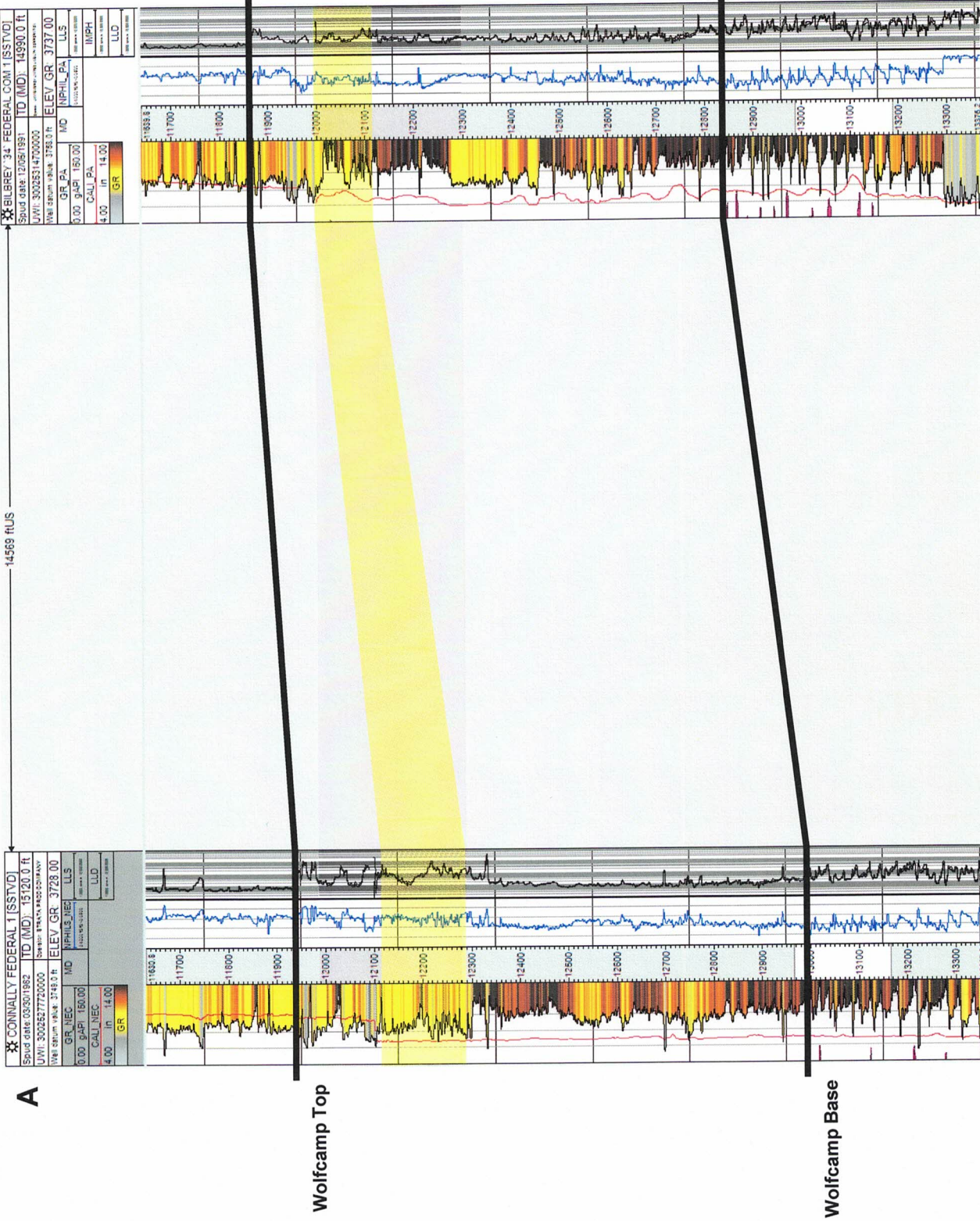


Project Area



C. I. = 20'

# WC-025 G-09 S233216K; Upr Wolfcamp (98166) Structural Cross-Section A - A'



**BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION**

**APPLICATION OF MATADOR PRODUCTION  
COMPANY FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.**

Case No. 21063

**APPLICATION**

Matador Production Company applies for an order pooling all mineral interests in the Bone Spring formation underlying a horizontal spacing unit comprised of the W/2W/2 of Section 3 and the W/2W/2 of Section 10, Township 22 South, Range 32 East, N.M.P.M., Lea County, New Mexico, and in support thereof, states:

1. Applicant is an operator in the W/2W/2 of Section 3 and the W/2W/2 of Section 10, and has the right to drill a well thereon.
2. Applicant proposes to drill the Nina Cortell Fed. Com. Well Nos. 125H and 131H, with first take points in the NW/4NW/4 of Section 3 and last take points in the SW/4SW/4 of Section 10.
3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the W/2W/2 of Section 3 and the W/2W/2 of Section 10 for the purposes set forth herein.
4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the wells or to otherwise commit their interests to the wells, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all mineral interest owners in the Bone Spring formation underlying the W/2W/2 of Section 3 and the W/2W/2 of Section 10, pursuant to NMSA 1978 §70-2-17.

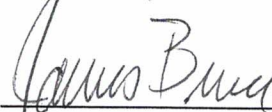
EXHIBIT **D**

5. The pooling of all mineral interests in the Bone Spring formation underlying the W/2W/2 of Section 3 and the W/2W/2 of Section 10 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

**WHEREFORE**, applicant requests that, after notice and hearing, the Division enter its order:

- A. Pooling all mineral interests in the Bone Spring formation underlying the W/2W/2 of Section 3 and the W/2W/2 of Section 10;
- B. Designating applicant as operator of the wells;
- C. Considering the cost of drilling and completing the wells, and allocating the cost thereof among the wells' working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- E. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,



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James Bruce  
Post Office Box 1056  
Santa Fe, New Mexico 87504  
(505) 982-2043

Attorney for Matador Production Company

PROPOSED ADVERTISEMENT

Case No. \_\_\_\_\_:

***Application of Matador Production Company for compulsory pooling, Lea County, New Mexico.*** Applicant seeks an order pooling all mineral interests in the Bone Spring formation underlying a horizontal spacing unit comprised of the W/2W/2 of Section 3 and W/2W/2 of Section 10, Township 22 South, Range 32 East, NMPM. The unit will be dedicated to the Nina Cortell Well Nos. 125H and 131H, with first take points in the NW/4NW/4 of Section 3 and final take points in the SW/4SW/4 of Section 10. Also to be considered will be the cost of drilling and completing the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a 200% charge for the risk involved in drilling and completing the wells. The unit is located approximately 10 miles south-southeast of Halfway, New Mexico.

**BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION**

**APPLICATION OF MATADOR PRODUCTION  
COMPANY FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.**

Case No. 21067

**APPLICATION**

Matador Production Company applies for an order pooling all mineral interests in the Bone Spring formation underlying a horizontal spacing unit comprised of the E/2W/2 of Section 3 and the E/2W/2 of Section 10, Township 22 South, Range 32 East, N.M.P.M., Lea County, New Mexico, and in support thereof, states:

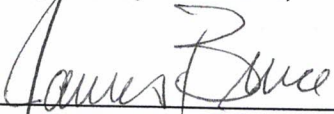
1. Applicant is an operator in the E/2W/2 of Section 3 and the E/2W/2 of Section 10, and has the right to drill a well thereon.
2. Applicant proposes to drill the Nina Cortell Fed. Com. Well Nos. 126H, 132H, and 112H, with first take points in the NE/4NW/4 of Section 3 and last take points in the SE/4SW/4 of Section 10.
3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the E/2W/2 of Section 3 and the E/2W/2 of Section 10 for the purposes set forth herein.
4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the wells or to otherwise commit their interests to the wells, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all mineral interest owners in the Bone Spring formation underlying the E/2W/2 of Section 3 and the E/2W/2 of Section 10, pursuant to NMSA 1978 §70-2-17.

5. The pooling of all mineral interests in the Bone Spring formation underlying the E/2W/2 of Section 3 and the E/2W/2 of Section 10 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

**WHEREFORE**, applicant requests that, after notice and hearing, the Division enter its order:

- A. Pooling all mineral interests in the Bone Spring formation underlying the E/2W/2 of Section 3 and the E/2W/2 of Section 10;
- B. Designating applicant as operator of the wells;
- C. Considering the cost of drilling and completing the wells, and allocating the cost thereof among the wells' working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- E. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,



James Bruce  
Post Office Box 1056  
Santa Fe, New Mexico 87504  
(505) 982-2043

Attorney for Matador Production Company

PROPOSED ADVERTISEMENT

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**BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION**

**APPLICATION OF MATADOR PRODUCTION  
COMPANY FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.**

Case No. 21065

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Matador Production Company applies for an order pooling all mineral interests in the Wolfcamp formation underlying a horizontal spacing unit comprised of the E/2W/2 of Section 3 and the E/2W/2 of Section 10, Township 22 South, Range 32 East, N.M.P.M., Lea County, New Mexico, and in support thereof, states:

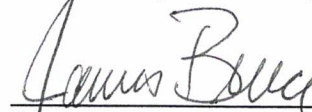
1. Applicant is an operator in the E/2W/2 of Section 3 and the E/2W/2 of Section 10, and has the right to drill a well thereon.
2. Applicant proposes to drill the Nina Cortell Fed. Com. Well No. 202H, with a first take point in the NE/4NW/4 of Section 3 and a last take point in the SE/4SW/4 of Section 10.
3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the E/2W/2 of Section 3 and the E/2W/2 of Section 10 for the purposes set forth herein.
4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the well or to otherwise commit their interests to the well, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all mineral interest owners in the Wolfcamp formation underlying the E/2W/2 of Section 3 and the E/2W/2 of Section 10, pursuant to NMSA 1978 §70-2-17.

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- B. Designating applicant as operator of the well;
- C. Considering the cost of drilling and completing the well, and allocating the cost thereof among the well's working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- E. Setting a 200% charge for the risk involved in drilling and completing the well in the event a working interest owner elects not to participate in the well.

Respectfully submitted,



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James Bruce  
Post Office Box 1056  
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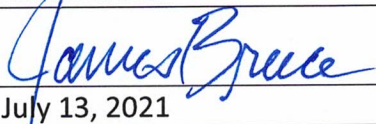
**COMPULSORY POOLING APPLICATION CHECKLIST****ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS**

<b>Case:</b>	<b>21063</b>
<b>Date</b>	<b>July 15, 2021</b>
Applicant	Matador Production Company
Designated Operator & OGRID (affiliation if applicable)	Matador Production Company/OGRID No. 228937
Applicant's Counsel:	James Bruce
Case Title:	Application of Matador Production Company for Compulsory Pooling, Lea County, New Mexico
Entries of Appearance/Intervenors:	Ostrich Oil and Gas LLC/Ernest L, Padilla ConocoPhillips Company/Holland & Hart LLP
Well Family	Nina Cortell Fed. Com. Well Nos. 125H and 131H
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Bone Spring Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring Formation
Pool Name and Pool Code:	Bilbrey Basin; Bone Spring (Pool Code 5695)
Well Location Setback Rules:	Statewide rules and current horizontal well rules
Spacing Unit Size:	Quarter-quarter sections/40 acres
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320 acres
Building Blocks:	40 acres
Orientation:	South-North
Description: TRS/County	W/2W/2 §3 and W/2W/2 §10 -22S-32E, NMPM, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
<b>Other Situations</b>	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	
Applicant's Ownership in Each Tract	Exhibits A-2 and A-3
<b>Well(s)</b>	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non- standard)	Nina Cortell Fed. Com. Well No.125H API No. 30-025-Pending 272 FSL & 1461 FWL §10 BHL: 60 FNL & 660 FWL §3 FTP: 100 FSL & 660 FWL §10 LTP: 100 FNL & 660 FWL §3 Bone Spring/TVD 10950 feet/MD 21114 feet

EXHIBIT

E

	Nina Cortell Fed. Com. Well No.131H API No. 30-025-44551 272 FSL & 1491 FWL §10 BHL: 60 FNL & 990 FWL §3 FTP: 100 FSL & 990 FEL §10 LTP: 100 FNL & 990 FEL §3 Bone Spring/TVD 11900 feet/MD 22067 feet
Horizontal Well First and Last Take Points	See above
Completion Target (Formation, TVD and MD)	See above
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$8000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	Cost + 200%/Exhibit A
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit D
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit B-1
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit B-2
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit A-2
Tract List (including lease numbers and owners)	Exhibit A-3
Pooled Parties (including ownership type)	Exhibit A-3
Unlocatable Parties to be Pooled	Yes
Ownership Depth Severance (including percentage above & below)	None
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit A-4
List of Interest Owners ( <i>i.e.</i> Exhibit A of JOA)	Exhibit A-3
Chronology of Contact with Non-Joined Working Interests	Exhibit A
Overhead Rates In Proposal Letter	
Cost Estimate to Drill and Complete	Exhibit A-4
Cost Estimate to Equip Well	Exhibit A-4
Cost Estimate for Production Facilities	Exhibit A-4
<b>Geology</b>	
Summary (including special considerations)	Exhibit C
Spacing Unit Schematic	Exhibit C-2
Gunbarrel/Lateral Trajectory Schematic	Exhibit C-3
Well Orientation (with rationale)	Standup/Exhibit C

Target Formation	Bone Spring
HSU Cross Section	Exhibit C-3
Depth Severance Discussion	Not Applicable
<b>Forms, Figures and Tables</b>	
C-102	Exhibit A-1
Tracts	Exhibit A-2
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-2
General Location Map (including basin)	Exhibit C-1
Well Bore Location Map	Exhibit C-2
Structure Contour Map - Subsea Depth	Exhibit C-2
Cross Section Location Map (including wells)	Exhibit C-2
Cross Section (including Landing Zone)	Exhibit C-3
<b>Additional Information</b>	
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>	
<b>Printed Name</b> (Attorney or Party Representative):	James Bruce
<b>Signed Name</b> (Attorney or Party Representative):	
<b>Date:</b>	July 13, 2021

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

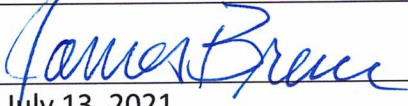
<b>Case:</b>	<b>21064</b>
<b>Date</b>	<b>July 15, 2021</b>
Applicant	Matador Production Company
Designated Operator & OGRID (affiliation if applicable)	Matador Production Company/OGRID No. 228937
Applicant's Counsel:	James Bruce
Case Title:	Application of Matador Production Company for Compulsory Pooling, Lea County, New Mexico
Entries of Appearance/Intervenors:	Ostrich Oil and Gas LLC/Ernest L, Padilla ConocoPhillips Company/Holland & Hart LLP
Well Family	Nina Cortell Fed. Com. Well Nos. 126H, 132H, and 112H
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Bone Spring Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring Formation
Pool Name and Pool Code:	Bilbrey Basin; Bone Spring (Pool Code 5695)
Well Location Setback Rules:	Statewide rules and current horizontal well rules
Spacing Unit Size:	Quarter-quarter sections/40 acres
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320 acres
Building Blocks:	40 acres
Orientation:	South-North
Description: TRS/County	E/2W/2 §3 and E/2W/2 §10 -22S-32E, NMPM, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
<b>Other Situations</b>	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	
Applicant's Ownership in Each Tract	Exhibits A-2 and A-3
<b>Well(s)</b>	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non- standard)	Nina Cortell Fed. Com. Well No.126H API No. 30-025-Pending 272 FSL & 1571 FWL §10 BHL: 60 FNL & 1980 FWL §3 FTP: 100 FSL & 1980 FWL §10 LTP: 100 FNL & 1980 FWL §3 Bone Spring/TVD 10950 feet/MD 21114 feet

Nina Cortell Fed. Com. Well No.132H  
 API No. 30-025-44552  
 242 FSL & 1571 FWL §10  
 BHL: 60 FNL & 2310 FWL §3  
 FTP: 100 FSL & 2310 FEL §10  
 LTP: 100 FNL & 2310 FEL §3  
 Bone Spring/TVD 11900 feet/MD 22067 feet

Nina Cortell Fed. Com. Well No.112H  
 API No. 30-025-Pending  
 242 FSL & 1491 FWL §10  
 BHL: 60 FNL & 1980 FWL §3  
 FTP: 100 FSL & 1980 FWL §10  
 LTP: 100 FNL & 1980 FWL §3  
 Bone Spring/TVD 10050 feet/MD 20250 feet

Horizontal Well First and Last Take Points	See above
Completion Target (Formation, TVD and MD)	See above
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$8000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	Cost + 200%/Exhibit A
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit D
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit B-1
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit B-2
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit A-2
Tract List (including lease numbers and owners)	Exhibit A-3
Pooled Parties (including ownership type)	Exhibit A-3
Unlocatable Parties to be Pooled	Yes
Ownership Depth Severance (including percentage above & below)	None
<b>Joinder</b>	
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Overhead Rates In Proposal Letter	
Cost Estimate to Drill and Complete	Exhibit A-4

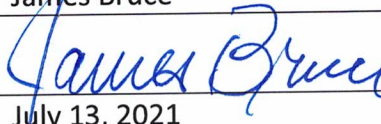


Cost Estimate to Equip Well	Exhibit A-4
Cost Estimate for Production Facilities	Exhibit A-4
<b>Geology</b>	
Summary (including special considerations)	Exhibit C
Spacing Unit Schematic	Exhibit C-2
Gunbarrel/Lateral Trajectory Schematic	Exhibits C-3
Well Orientation (with rationale)	Standup/Exhibit C
Target Formation	Bone Spring
HSU Cross Section	Exhibit C-3
Depth Severance Discussion	Not Applicable
<b>Forms, Figures and Tables</b>	
C-102	Exhibit A-1
Tracts	Exhibit A-2
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
General Location Map (including basin)	Exhibit C-1
Well Bore Location Map	Exhibit C-2
Structure Contour Map - Subsea Depth	Exhibit C-2
Cross Section Location Map (including wells)	Exhibit C-2
Cross Section (including Landing Zone)	Exhibit C-3
<b>Additional Information</b>	
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>	
<b>Printed Name</b> (Attorney or Party Representative):	James Bruce
<b>Signed Name</b> (Attorney or Party Representative):	
<b>Date:</b>	July 13, 2021

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

<b>Case:</b>	<b>21065</b>
<b>Date</b>	<b>July 15, 2021</b>
Applicant	Matador Production Company
Designated Operator & OGRID (affiliation if applicable)	Matador Production Company/OGRID No. 228937
Applicant's Counsel:	James Bruce
Case Title:	Application of Matador Production Company for Compulsory Pooling, Lea County, New Mexico
Entries of Appearance/Intervenors:	Ostrich Oil and Gas LLC/Ernest L, Padilla ConocoPhillips Company/Holland & Hart LLP
Well Family	Nina Cortell Fed. Com. Well No. 202H
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Wolfcamp Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Wolfcamp Formation
Pool Name and Pool Code:	WC-025 G-09 S233216K; Upper Wolfcamp (Pool Code 98166)
Well Location Setback Rules:	Statewide rules and current horizontal well rules
Spacing Unit Size:	Quarter-quarter sections/40 acres
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320 acres
Building Blocks:	40 acres
Orientation:	South-North
Description: TRS/County	E/2W/2 §3 and E/2W/2 §10 -22S-32E, NMPM, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
<b>Other Situations</b>	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	
Applicant's Ownership in Each Tract	Exhibits A-2 and A-3
<b>Well(s)</b>	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non- standard)	Nina Cortell Fed. Com. Well No.202H API No. 30-025-Pending 242 FSL & 1461 FWL §10 BHL: 60 FNL & 1650 FWL §3 FTP: 100 FSL & 1650 FWL §10 LTP: 100 FNL & 1650 FWL §3 Wolfcamp/TVD 12200 feet/MD 22350 feet
Horizontal Well First and Last Take Points	See above

Completion Target (Formation; TVD and MD)	See above
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$8000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	Cost + 200%/Exhibit A
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit D
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit B-1
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit B-2
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit A-2
Tract List (including lease numbers and owners)	Exhibit A-3
Pooled Parties (including ownership type)	Exhibit A-3
Unlocatable Parties to be Pooled	Yes
Ownership Depth Severance (including percentage above & below)	None
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit A-4
List of Interest Owners ( <i>i.e.</i> Exhibit A of JOA)	Exhibit A-3
Chronology of Contact with Non-Joined Working Interests	Exhibit A
Overhead Rates In Proposal Letter	
Cost Estimate to Drill and Complete	Exhibit A-4
Cost Estimate to Equip Well	Exhibit A-4
Cost Estimate for Production Facilities	Exhibit A-4
<b>Geology</b>	
Summary (including special considerations)	Exhibit C
Spacing Unit Schematic	Exhibits C-4
Gunbarrel/Lateral Trajectory Schematic	Exhibits C-5
Well Orientation (with rationale)	Standup/Exhibit C
Target Formation	Wolfcamp
HSU Cross Section	Exhibit C-5
Depth Severance Discussion	Not Applicable
<b>Forms, Figures and Tables</b>	
C-102	Exhibit A-1
Tracts	Exhibit A-2
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
General Location Map (including basin)	Exhibit C-1
Well Bore Location Map	Exhibit C-4

Structure Contour Map - Subsea Depth	Exhibit C-4
Cross Section Location Map (including wells)	Exhibit C-4
Cross Section (including Landing Zone)	Exhibit C-5
<b>Additional Information</b>	
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<b>Printed Name</b> (Attorney or Party Representative):	James Bruce
<b>Signed Name</b> (Attorney or Party Representative):	
<b>Date:</b>	July 13, 2021