BEFORE THE OIL CONSERVATION DIVISION EXAMINER HEARING NOVEMBER 04, 2021

CASE NOS. 22269-22272

Weinberger Fed Com #135H well Weinberger Fed Com #136H well Weinberger Fed Com #211H well Weinberger Fed Com #212H well

LEA COUNTY, NEW MEXICO



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. 22269, 22270, 22271, and 22272

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С

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- Matador Exhibit F: Affidavit of Publication for Each Case

COMPULSORY POOLING APPLICATION	ON CHECKLIST (pdf)					
ALL INFORMATION IN THE APPLICATION MUST BE S	UPPORTED BY SIGNED AFFIDAVITS					
Case: 22269	APPLICANT'S RESPONSE					
Date: November 4, 2021						
Applicant	Matador Production Company					
Designated Operator & OGRID (affiliation if applicable)	228937					
Applicant's Counsel:	Holland & Hart, LLP					
Case Title	Application of Matador Production Company for Compulsory Pooling, Lea County, New Mexico					
Entries of Appearance/Intervenors:	N/A					
Well Family	Weinberger Fed Com #135H well					
Formation/Pool						
Formation Name(s) or Vertical Extent:	Bone Spring					
Primary Product (Oil or Gas):	Oil					
Pooling this vertical extent:	Bone Spring formation					
Pool Names and Pool Codes:	WC-025 G-08 S2535340; BONE SPRING [97088]					
Well Location Setback Rules:	Statewide rules					
Spacing Unit Size:	247.83-acres, more or less					
Spacing Unit						
Type (Horizontal/Vertical)	Horizontal					
Size (Acres)	247.83-acres, more or less					
Building Blocks:	quarter-quarter sections					
Orientation:	north/south					
Description: TRS/County	W/2 SW/4 of Section 30 and W/2 W/2 of Section 31 Township 24 South, Range 36 East, NMPM, Lea County, New Mexico					
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes					
Other Situations						
Depth Severance: Y/N. If yes, description	No					
Proximity Tracts: If yes, description	No					
Proximity Defining Well: if yes, description	No					
Applicant's Ownership in Each Tract	Exhibit C-3					
Well(s)	BEFORE THE OIL CONSERVATION DIVISION					

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico
Exhibit No. A

Submitted by: MATADOR PRODUCTION COMPANY
Hearing Date: November 04, 2021
Case Nos. 22269-22272

Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	
Well #1	Weinberger Fed Com #135H well (API No. 30-025-pending): SHL: 2608' FNL and 959' FWL (Lot 2) of Section 30, 245, 36E BHL: 60' FSL and 990' FWL (Lot 4) of Section 31, 245, 36E Completion Target: Bone Spring formation Well Orientation: north/south Completion Location expected to be: standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibits C-5, D-3
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibits C, C-5
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit E
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit F
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-2
Tract List (including lease numbers and owners)	Exhibit C-2
Pooled Parties (including ownership type)	Exhibits C-3, C-4
Unlocatable Parties to be Pooled	Exhibit C, E
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-5
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-3, C-4
Chronology of Contact with Non-Joined Working Interests	Exhibit C-6
Overhead Rates In Proposal Letter	Exhibit C-5
Cost Estimate to Drill and Complete	Exhibit C-5
Cost Estimate to Equip Well	Exhibit C-5
Cost Estimate for Production Facilities	Exhibit C-5

Geology	
Summary (including special considerations)	Exhibit D
Spacing Unit Schematic	Exhibit D-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit D-2
Well Orientation (with rationale)	Exhibit D-2
Target Formation	Exhibit D-2, D-3
HSU Cross Section	Exhibit D-3
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit C-1
Tracts	Exhibit C-2
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-3, C-4
General Location Map (including basin)	Exhibit D-1
Well Bore Location Map	Exhibit D-1
Structure Contour Map - Subsea Depth	Exhibit D-2
Cross Section Location Map (including wells)	Exhibit D-2
Cross Section (including Landing Zone)	Exhibit D-3
Additional Information	
Special Provisions/Stipulations	N/A
CERTIFICATION: I hereby certify that the information provided	in this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Kaitlyn A. Luck
Signed Name (Attorney or Party Representative):	4rwhull
Date:	2-Nov-21

COMPULSORY POOLING APPLICATION CHECKLIST (pdf)

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS						
Case: 22270	APPLICANT'S RESPONSE					
Date: November 4, 2021						
Applicant	Matador Production Company					
Designated Operator & OGRID (affiliation if applicable)	228937					
Applicant's Counsel:	Holland & Hart, LLP					
Case Title	Application of Matador Production Company for Compulsory Pooling, Lea County, New Mexico					
Entries of Appearance/Intervenors:	N/A					
Well Family	Weinberger Fed Com #136H well					
Formation/Pool						
Formation Name(s) or Vertical Extent:	Bone Spring					
Primary Product (Oil or Gas):	Oil					
Pooling this vertical extent:	Bone Spring formation					
Pool Names and Pool Codes:	WC-025 G-08 S253534O; BONE SPRING [97088]					
Well Location Setback Rules:	Statewide rules					
Spacing Unit Size:	240-acres, more or less					
Spacing Unit						
Type (Horizontal/Vertical)	Horizontal					
Size (Acres)	240-acres, more or less					
Building Blocks:	quarter-quarter sections					
Orientation:	north/south					
Description: TRS/County	E/2 SW/4 of Section 30 and E/2 W/2 of Section 31, Township 24 South, Range 36 East, NMPM, Lea County, New Mexico					
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes					
Other Situations						
Depth Severance: Y/N. If yes, description	No					
Proximity Tracts: If yes, description	No					
Proximity Defining Well: if yes, description	No					
Applicant's Ownership in Each Tract	Exhibit C-3					
Well(s) Name & API (if assigned), surface and bottom hole location, foota completion target, orientation, completion status (standard or no						

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standard)

Forms, Figures and Tables

C-102	Exhibit C-1
Tracts	Exhibit C-2
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-3, C-4
General Location Map (including basin)	Exhibit D-1
Well Bore Location Map	Exhibit D-1
Structure Contour Map - Subsea Depth	Exhibit D-2
Cross Section Location Map (including wells)	Exhibit D-2
Cross Section (including Landing Zone)	Exhibit D-3
Additional Information	
Special Provisions/Stipulations	N/A
CERTIFICATION: I hereby certify that the information provided	in this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Kaitlyn A. Luck
Signed Name (Attorney or Party Representative):	Ann held
Date:	2-Nov-21

COMPULSORY POOLING APPLICATION CHECKLIST (pdf)

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS					
Case: 22271	APPLICANT'S RESPONSE				
Date: November 4, 2021					
Applicant	Matador Production Company				
Designated Operator & OGRID (affiliation if applicable)	228937				
Applicant's Counsel:	Holland & Hart, LLP				
Case Title	Application of Matador Production Company for Compulsory Pooling, Lea County, New Mexico				
Entries of Appearance/Intervenors:	N/A				
Well Family	Weinberger Fed Com #211H well				
Formation/Pool					
Formation Name(s) or Vertical Extent:	Wolfcamp				
Primary Product (Oil or Gas):	Oil				
Pooling this vertical extent:	Wolfcamp				
Pool Names and Pool Codes:	JAL; WOLFCAMP, WEST [33813]				
Well Location Setback Rules:	Statewide rules				
Spacing Unit Size:	247.83-acres, more or less				
Spacing Unit					
Type (Horizontal/Vertical)	Horizontal				
Size (Acres)	247.83-acres, more or less				
Building Blocks:	quarter-quarter sections				
Orientation:	north/south				
Description: TRS/County	W/2 SW/4 of Section 30 and W/2 W/2 of Section 31, Township 24 South, Range 36 East, NMPM, Lea County, New Mexico				
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes				
Other Situations					
Depth Severance: Y/N. If yes, description	No				
Proximity Tracts: If yes, description	No				
Proximity Defining Well: if yes, description	No				
Applicant's Ownership in Each Tract	Exhibit C-3				
Well(s) Name & API (if assigned), surface and bottom hole location, footage completion target, orientation, completion status (standard or not standard)					

standard)

CERTIFICATION: I hereby certify that the information pro	ovided in this checklist is complete and accurate.	
Special Provisions/Stipulations	N/A	_
Additional Information		
Cross Section (including Landing Zone)	Exhibit D-5	
Cross Section Location Map (including wells)	Exhibit D-4	
Structure Contour Map - Subsea Depth	Exhibit D-4	
Well Bore Location Map	Exhibit D-1	
General Location Map (including basin)	Exhibit D-1	
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-3, C-4	
Tracts	Exhibit C-2	
C-102	Exhibit C-1	

2-Nov-21

Date:

COMPULSORY POOLING APPLICATION CHECKLIST (pdf)

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS						
Case: 22272 APPLICANT'S RESPONSE						
Date: November 4, 2021						
Applicant	Matador Production Company					
Designated Operator & OGRID (affiliation if applicable)	228937					
Applicant's Counsel:	Holland & Hart, LLP					
Case Title	Application of Matador Production Company for Compulsory Pooling, Lea County, New Mexico					
Entries of Appearance/Intervenors:	N/A					
Well Family	Weinberger Fed Com #212H well					
Formation/Pool						
Formation Name(s) or Vertical Extent:	Wolfcamp					
Primary Product (Oil or Gas):	Oil					
Pooling this vertical extent:	Wolfcamp					
Pool Names and Pool Codes:	JAL; WOLFCAMP, WEST [33813]					
Well Location Setback Rules:	Statewide rules					
Spacing Unit Size:	240-acres, more or less					
Spacing Unit						
Type (Horizontal/Vertical)	Horizontal					
Size (Acres)	240-acres, more or less					
Building Blocks:	quarter-quarter sections					
Orientation:	north/south					
Description: TRS/County	E/2 SW/4 of Section 30 and E/2 W/2 of Section 31, Township 24 South, Range 36 East, NMPM, Lea County, New Mexico					
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes					
Other Situations						
Depth Severance: Y/N. If yes, description	No					
Proximity Tracts: If yes, description	No					
Proximity Defining Well: if yes, description	No					
Applicant's Ownership in Each Tract	Exhibit C-3					
Well(s) Name & API (if assigned), surface and bottom hole location, foota completion target, orientation, completion status (standard or no						

standard)

Kaitlyn A. Luck

2-Nov-21

Printed Name (Attorney or Party Representative):

Signed Name (Attorney or Party Representative):

Date:

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

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

CASE NO. 22269

<u>APPLICATION</u>

Matador Production Company ("Matador" or "Applicant") (OGRID No. 228937), through its undersigned attorneys, hereby files this application with the Oil Conservation Division, pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 240-acre, more or less, horizontal spacing unit comprised of the W/2 SW/4 of Section 30 and W/2 W/2 of Section 31, Township 24 South, Range 36 East, NMPM, Lea County, New Mexico. In support of its application, Matador states:

- 1. An affiliate entity of Matador is a working interest owner in the proposed spacing unit and has the right to drill thereon.
- 2. Applicant seeks to dedicate the above-referenced spacing unit to the proposed initial **Weinberger Fed Com #135H well**, to be drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 30, to a bottom hole location in the SW/4 SW/4 (Unit M) of said Section 31.
- 3. The completed interval of the well will comply with statewide setbacks for oil wells.
- 4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all working interest owners in the subject acreage.

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. B
Submitted by: MATADOR PRODUCTION
COMPANY

Hearing Date: November 04, 2021 Case Nos. 22269-22272

- 5. The pooling of interests will avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.
- 6. 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 the proposed initial well and the proposed horizontal spacing unit.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted interests in the horizontal spacing unit in the Bone Spring formation and approving the initial well thereon;
- B. Designating Applicant as operator of this spacing unit and the horizontal well to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, equipping, and completing the well;
- D. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- E. Imposing a 200% charge for the 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.

Respectfully submitted,

HOLLAND & HART LLP

By:_____

Michael H. Feldewert
Adam G. Rankin
Julia Broggi
Kaitlyn A. Luck
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ATTORNEYS FOR MATADOR PRODUCTION COMPANY

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

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

CASE NO. 22270

APPLICATION

Matador Production Company ("Matador" or "Applicant") (OGRID No. 228937), through its undersigned attorneys, hereby files this application with the Oil Conservation Division, pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 240-acre, more or less, horizontal spacing unit comprised of the E/2 SW/4 of Section 30 and E/2 W/2 of Section 31, Township 24 South, Range 36 East, NMPM, Lea County, New Mexico. In support of its application, Matador states:

- 1. An affiliate entity of Matador is a working interest owner in the proposed spacing unit and has the right to drill thereon.
- 2. Applicant seeks to dedicate the above-referenced spacing unit to the proposed initial **Weinberger Fed Com #136H well**, to be drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 30, to a bottom hole location in the SE/4 SW/4 (Unit N) of said Section 31.
- 3. The completed interval of the well will comply with statewide setbacks for oil wells.
- 4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all working interest owners in the subject acreage.

- 5. The pooling of interests will avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.
- 6. 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 the proposed initial well and the proposed horizontal spacing unit.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted interests in the horizontal spacing unit in the Bone Spring formation and approving the initial well thereon;
- B. Designating Applicant as operator of this spacing unit and the horizontal well to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, equipping, and completing the well;
- D. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- E. Imposing a 200% charge for the 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.

Respectfully submitted,

HOLLAND & HART LLP

By: _____

Michael H. Feldewert
Adam G. Rankin
Julia Broggi
Kaitlyn A. Luck
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ATTORNEYS FOR MATADOR PRODUCTION COMPANY

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

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

CASE NO. 22271

APPLICATION

Matador Production Company ("Matador" or "Applicant") (OGRID No. 228937), through its undersigned attorneys, hereby files this application with the Oil Conservation Division, pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 240-acre, more or less, horizontal spacing unit comprised of the W/2 SW/4 of Section 30 and W/2 W/2 of Section 31, Township 24 South, Range 36 East, NMPM, Lea County, New Mexico. In support of its application, Matador states:

- 1. An affiliate entity of Matador is a working interest owner in the proposed spacing unit and has the right to drill thereon.
- 2. Applicant seeks to dedicate the above-referenced spacing unit to the proposed initial **Weinberger Fed Com #211H well**, to be drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 30, to a bottom hole location in the SW/4 SW/4 (Unit M) of said Section 31.
- 3. The completed interval of the well will comply with statewide setbacks for oil wells.
- 4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all working interest owners in the subject acreage.

- 5. The pooling of interests will avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.
- 6. 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 the proposed initial well and the proposed horizontal spacing unit.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted interests in the horizontal spacing unit in the Wolfcamp formation and approving the initial well thereon;
- B. Designating Applicant as operator of this spacing unit and the horizontal well to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, equipping, and completing the well;
- D. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- E. Imposing a 200% charge for the 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.

Respectfully submitted,

HOLLAND & HART LLP

By: _____

Michael H. Feldewert
Adam G. Rankin
Julia Broggi
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ATTORNEYS FOR MATADOR PRODUCTION COMPANY

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

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

CASE NO. 22272

APPLICATION

Matador Production Company ("Matador" or "Applicant") (OGRID No. 228937), through its undersigned attorneys, hereby files this application with the Oil Conservation Division, pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 240-acre, more or less, horizontal spacing unit comprised of the E/2 SW/4 of Section 30 and E/2 W/2 of Section 31, Township 24 South, Range 36 East, NMPM, Lea County, New Mexico. In support of its application, Matador states:

- 1. An affiliate entity of Matador is a working interest owner in the proposed spacing unit and has the right to drill thereon.
- 2. Applicant seeks to dedicate the above-referenced spacing unit to the proposed initial **Weinberger Fed Com #212H well**, to be drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 30, to a bottom hole location in the SE/4 SW/4 (Unit N) of said Section 31.
- 3. The completed interval of the well will comply with statewide setbacks for oil wells.
- 4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all working interest owners in the subject acreage.

- 5. The pooling of interests will avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.
- 6. 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 the proposed initial well and the proposed horizontal spacing unit.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted interests in the horizontal spacing unit in the Wolfcamp formation and approving the initial well thereon;
- B. Designating Applicant as operator of this spacing unit and the horizontal well to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, equipping, and completing the well;
- D. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- E. Imposing a 200% charge for the 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.

Respectfully submitted,

HOLLAND & HART LLP

By: _____

Michael H. Feldewert
Adam G. Rankin
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ATTORNEYS FOR MATADOR PRODUCTION COMPANY

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

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

CASE NOS. 22269, 22270, 22271, and 22272

AFFIDAVIT OF DAVID JOHNS

David Johns, of lawful age and being first duly sworn, states the following:

1. My name is David Johns and I am employed by MRC Energy Company, an affiliate

of Matador Production Company ("Matador"), as a Landman.

2. I graduated from Texas Tech University in 2014 with a Bachelors of Business

Administration - Energy Commerce. After graduating, I worked as a field landman examining

title, performing due diligence, and negotiating oil and gas leases in various asset areas, including

in Eddy and Lea Counties, New Mexico. I joined Matador in 2018 as a Landman and have been

primarily focused on our assets in Eddy and Lea Counties, New Mexico during my entire tenure

with Matador. I am a member of the AAPL and the Dallas Association of Petroleum Landmen.

In addition, since joining Matador, I have completed at least 40 hours of continuing education

training each year as part of company policy.

3. I am familiar with the applications filed by Matador in these consolidated cases and

the status of the lands in the subject area.

4. In these consolidated cases, Matador seeks orders pooling uncommitted interests in

the Bone Spring and Wolfcamp formations in the following standard horizontal spacing units, each

within Township 24 South, Range 36 East, NMPM, Lea County, New Mexico, as follows:

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico

inta Fe, New Mexi Exhibit No. C

Submitted by: MATADOR PRODUCTION COMPANY

Hearing Date: November 04, 2021 Case Nos. 22269-22272

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- Under Case 22269, Matador seeks to pool a standard 240-acre, more or less, horizontal spacing unit comprised of the W/2 SW/4 of Section 30 and W/2 W/2 of Section 31 and initially dedicate this Bone Spring spacing unit to the proposed Weinberger Fed Com #135H well, to be drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 30, to a bottom hole location in the SW/4 SW/4 (Unit M) of said Section 31.
- Under Case 22270, Matador seeks to pool a standard 240-acre, more or less, horizontal spacing unit comprised of the E/2 SW/4 of Section 30 and E/2 W/2 of Section 31, and initially dedicate this Bone Spring spacing unit to the proposed Weinberger Fed Com #136H well, to be drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 30, to a bottom hole location in the SE/4 SW/4 (Unit N) of said Section 31.
- Under Case 22271, Matador seeks to pool a standard 240-acre, more or less, horizontal spacing unit comprised of the W/2 SW/4 of Section 30 and W/2 W/2 of Section 31, and initially dedicate this Wolfcamp spacing unit to the proposed Weinberger Fed Com #211H well, to be drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 30, to a bottom hole location in the SW/4 SW/4 (Unit M) of said Section 31.
- Under Case 22272, Matador seeks to pool a standard 240-acre, more or less, horizontal spacing unit comprised of the E/2 SW/4 of Section 30 and E/2 W/2 of Section 31, and initially dedicate this Wolfcamp spacing unit to the proposed Weinberger Fed Com #212H well, to be drilled from a surface location in the

SW/4 NW/4 (Unit E) of Section 30, to a bottom hole location in the SE/4 SW/4 (Unit N) of said Section 31.

- 5. **Matador Exhibit C-1** contains draft Form C-102's for the proposed initial wells in each of these standard spacing units. These forms demonstrate that the completed interval for each well will meet the standard setback requirements for horizontal oil wells.
- 6. For **Case Nos. 22269 and 22270**, Matador understands that these Bone Spring wells will be placed in the WC-025 G-08 S253534O; BONE SPRING [97088] pool.
- 7. For **Case Nos. 22271 and 22272**, Matador understands that these Wolfcamp wells will be placed in the JAL; WOLFCAMP, WEST [33813] pool.
- 8. **Matador Exhibit C-2** identifies the tracts of land comprising each of the proposed horizontal spacing units. The subject acreage is comprised of federal and fee lands.
- 9. There are no depth severances within the Bone Spring formation underlying this acreage.
- 10. There are no depth severances within the Wolfcamp formation underlying this acreage.
- 11. **Matador Exhibit C-3** identifies the working interest owners that Matador is seeking to pool in each of the proposed horizontal spacing units.
- 12. Matador has conducted a diligent search of the public records in the county where the property is located, reviewed telephone directors and conducted computer searches to locate contact information for each of these mineral owners. As indicated in **Exhibit C-5**, Matador has been able to locate and has had discussions with each party that it seeks to pool in these cases in an effort to reach voluntary joinder.
 - 13. There are no overriding royalty interest owners that Matador is seeking to pool.

- 14. **Matador Exhibit C-4** contains a sample of the well proposal letters and AFEs sent to the working interest owners Matador was able to locate. The costs reflected in these AFEs are consistent with what other operators have incurred for drilling similar horizontal wells in the area in these formations. In **Case No 22271** for the **Weinberger Fed Com #211H well**, Matador plans to drill a pilot hole and take data, the operators for which have increased the AFE for the well approximately \$2,299,587 for the pilot hole operations. When proposing this well under a pooling order, Matador plans to separately propose (i) the well, with an estimate cost not including those additional pilot hole costs, and (ii) the costs attributable to the additional pilot hole hosts, so that the pooled working interest owners will have the opportunity to elect whether they want to participate in the pilot hole and share in the resultant data.
- 15. **Matador Exhibit C-5** contains a general summary of the contacts with the uncommitted working interest owners that Matador was able to locate. In my opinion, Matador has undertaken good faith efforts to reach an agreement with the uncommitted mineral owners.
- 16. Matador requests that the overhead and administrative costs for drilling and producing the proposed wells be set at \$8,000 per month while drilling and \$800 per month while producing. These costs are consistent with what other operators are charging in this area for similar wells.
- 17. Matador has provided the law firm of Holland & Hart LLP with the names and addresses (where available) of the parties that Matador seeks to pool and instructed that they be notified of this hearing.
- 18. **Matador Exhibits C-1 through C-5** were either prepared by me or compiled under my direction and supervision.

FURTHER AFFIANT SAYETH NOT.

My Commission Expires:

3/23/2025

PRESTON CAZALE
Notary ID #132990511
My Commission Expires
March 23, 2025

EXHIBIT C-1

BEFORE THE OIL CONSERVATION DIVISION Page 33 of 80 Santa Fe, New Mexico

Exhibit No. C1 Submitted by: MATADOR PRODUCTION COMPANY

Hearing Date: November 04, 2021 Case Nos. 22269-22272

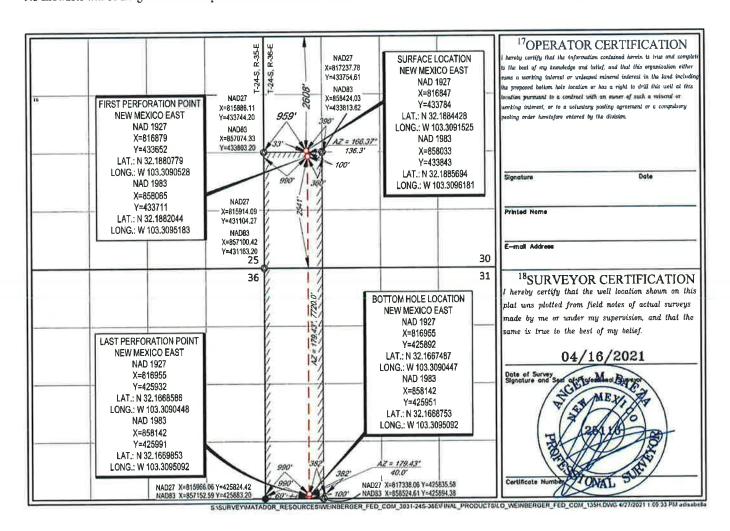
District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 811 S First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV 1220 S St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe. NM 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Code API Number Well Number Property Name Property Code WEINBERGER FED COM 135H Elevation OGRID No. Operator Name 3374 MATADOR PRODUCTION COMPANY 10 Surface Location East/West line Feet from the North/South line UL or lot no. Section Township Range Lot Ide Feet from the 959 WEST LEA 2608' NORTH 36-E 2 30 24-S 11Bottom Hole Location If Different From Surface East/West line County North/South line Feet from the Feet from the UL or lot no. Section Township Rang Lot Ide LEA 601 SOUTH 990' WEST 36-E 31 24-S Joint or Infill Consolidation Code Order No. Dedicated Acres 247.83



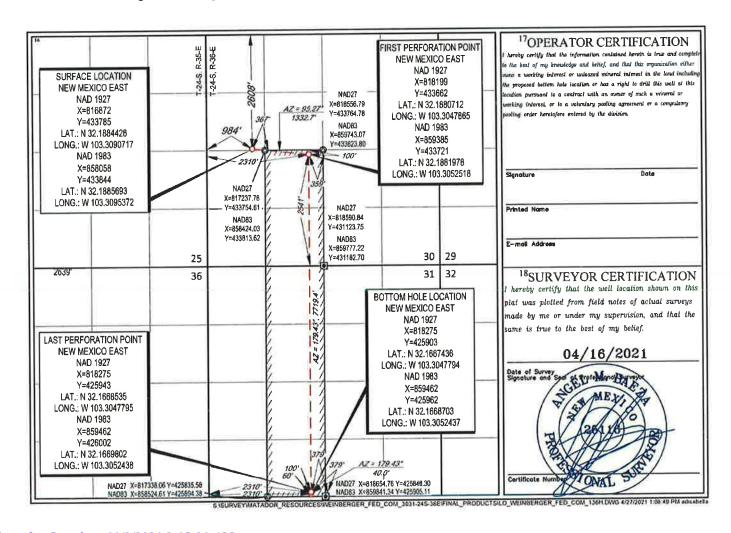
District I
1625 N French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

■ AMENDED REPORT

	^I API Number	er ² Pool Code				³ Pool Name			
Property (Code			WE:		Property Name RGER FED COM 136H			
7OGRID	No.					ODUCTION COMPANY 3375'			
					10 Surface Loc	cation			
UL or lot no.	Section 30	Township 24-S	Range 36-E	Lot Jdn —	Feet from the 2608'	North/South line NORTH	Feet from the 984'	East/West line WEST	County LEA
			11B	ottom Hol	e Location If Di	fferent From Surf	lace .		
UL or lot no.	Section 31	Township 24-S	36-E	Lot Idn	Feet from the	North/South line SOUTH	Feet from the 2310'	East/West line WEST	LEA
¹² Dedicated Acres 240	Joint or 1	Infill 14Cc	nsolidation Code	15Orde	r No.				



District I 1625 N French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 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

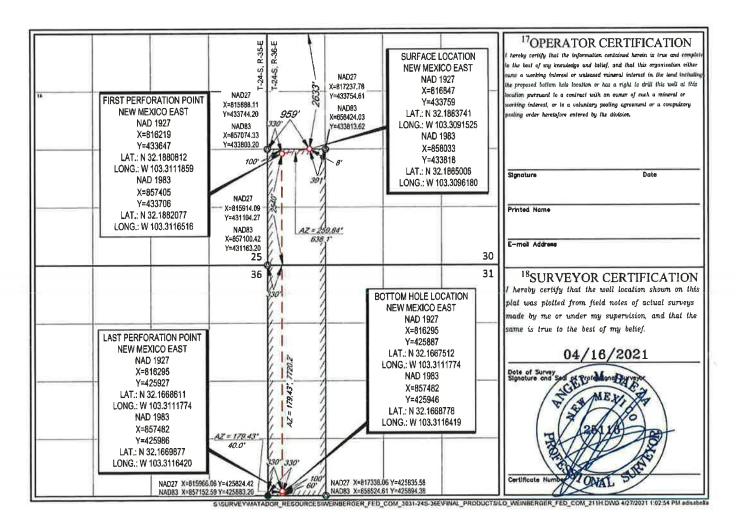
247.83

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Well Number Property Name Property Cade WEINBERGER FED COM 211H Operator Name Elevation OGRID No. 3374 MATADOR PRODUCTION COMPANY ¹⁰Surface Location Lot Idn Feet from the North/South lin Feet from the East/West line County UL or lot no. Section Township Range 959 WEST LEA 30 24-S 36-E 2633' NORTH 2 ¹¹Bottom Hole Location If Different From Surface East/West line County Township North/South line Feet from the UL or lot no. Lot Id Section Rung 24-S 36-E 60' SOUTH 330' WEST LEA 31 Consolidation Code Dedicated Acres ³Joint or Infill SOrder No.



Digitiet I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
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Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

AMENDED REPORT

	API Number			² Pool Code			³ Pool Nan	16		
	'APJ Number Foot Code Tool Name) on Nume				
*Property	Code	⁵ P				Property Name bWell Number				
			WE	INBERGER	FED COM			212 H		
7OGRID	No.	Operator Name Selevation								
]	MATADOR PRODUCTION COMPANY 3374'				3374'		
					10 Surface Lo	cation				
UL or lot no.	Section	Township	Range	Lat Idn	Feet from the	North/South line	Feet from the	East/West line	County	
2	30	24-S 36-E - 2633' NORTH 984' WEST LE					LEA			
			11]	Bottom Ho	le Location If D	ifferent From Sur	face			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
N	31	24-S 36-E - 60' SOUTH 1650' WEST I						LEA		
Dedicated Acres	¹³ Joint or 1	nfill "Co	nsolidation Co	de (3Orde	er No.					
240										

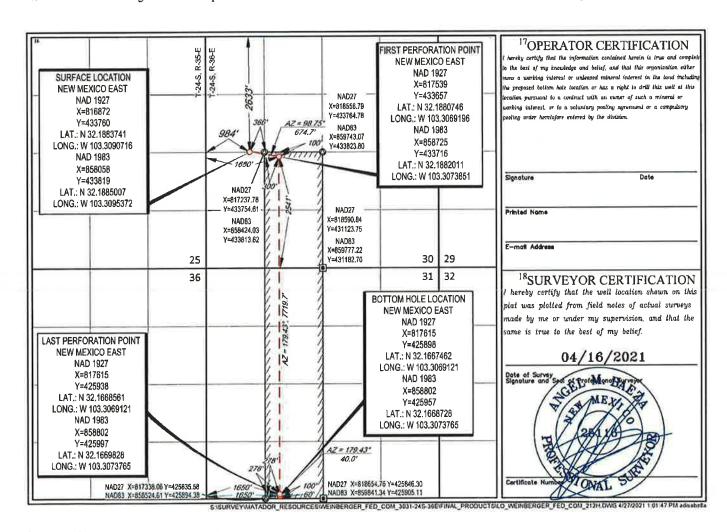


EXHIBIT C-2

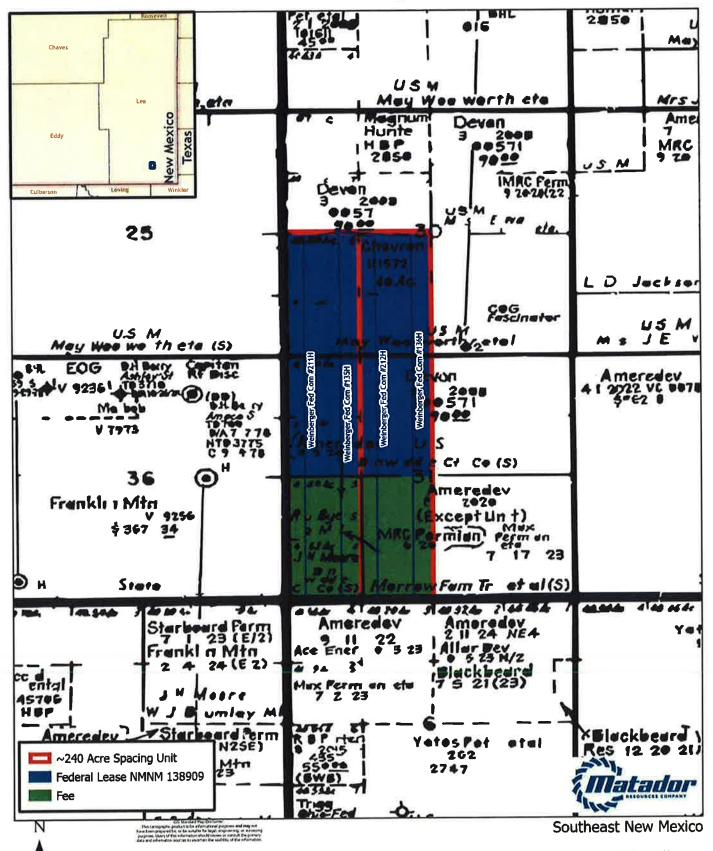
DIVISION

Santa Fe, New Mexico Exhibit No. C2

Submitted by: MATADOR PRODUCTION **COMPANY**

Weinberger

Hearing Date: November 04, 2021 Case Nos. 22269-22272



5,000

Feet

1,250

2,500

EXHIBIT C-3

Matador Exhibit C-2

Summary of Interests - Case Nos. 22269 and 22271

	Matador's Working Interest		82.6055%
	Voluntary Joinder		8.3832%
	Compulsory Pool Interest Total:		9.0113%
	Interest Owner:	Description:	Interest:
	Cameron H. Morrow	Uncommitted Mineral Interest Owner	0.1569%
	Ethan Clav Upshaw	Uncommitted Mineral Interest Owner	0.0224%
	Joyce Marie Thomson	Uncommitted Mineral Interest Owner	0.0224%
	Michael Harrison Moore	Uncommitted Mineral Interest Owner	5.3801%
	OXY USA WTP, LP	Uncommitted Mineral Interest Owner	0.6275%
	Russel Lynn Porter	Uncommitted Mineral Interest Owner	0.0224%
tted	Pheasant Energy, LLC	Uncommitted Mineral Interest Owner	2.6900%
bv: N	Solon Grant Upshaw	Uncommitted Mineral Interest Owner	0.0224%
мат	TROG Fund II, LP	Uncommitted Mineral Interest Owner	0.0294%
Exnibit ADOR I	F3 Criterion Minerals, LP	Uncommitted Mineral Interest Owner	0.0294%
No. C3 PRODUC	Tower Rock Rovalties TWO, LP	Uncommitted Mineral Interest Owner	0.0084%
	ION DIV		
COMPANY	Veinberger Fed Com #135 and #211	-	



Summary of Interests - Case Nos. 22270 and 22272

Matador's Working Interest		66.6781%
Voluntary Joinder		8.3176%
Compulsory Pool Interest Total:		25.0043%
Interest Owner:	Description:	Interest:
Cameron H. Morrow	Uncommitted Mineral Interest Owner	4.1674%
Ethan Clay Upshaw	Uncommitted Mineral Interest Owner	0.5953%
Joyce Marie Thomson	Uncommitted Mineral Interest Owner	0.5953%
OXY USA WTP. LP	Uncommitted Mineral Interest Owner	16.6695%
Russel Lynn Porter	Uncommitted Mineral Interest Owner	0.5953%
Solon Grant Upshaw	Uncommitted Mineral Interest Owner	0.5953%
TROG Fund II, LP	Uncommitted Mineral Interest Owner	0.7814%
	Uncommitted Mineral Interest Owner	0.7814%
F3 Criterion Minerals, LP		
	Uncommitted Mineral Interest Owner	0.2233%
Tower Rock Royalties TWO, LP		



C

EXHIBIT C-4

MRC Permian Company

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240 Voice 972.619.1259 • Fax 214.866.4946 djohns@matadorresources.com

David Johns Landman

May 25, 2021

VIA CERTIFIED RETURN RECEIPT MAIL

OXY USA WTP, LP 5 Greenway Plaza, Suite 110 Houston, TX 77046

Re:

Weinberger Fed Com #135H, #136H, #211H & #212H (the "Wells") Participation Proposal S2 of Section 30 & All of Section 31, Township 24 South, Range 36 East Lea County, New Mexico

Dear Sir/Madam:

MRC Permian Company ("MRC") proposes the drilling of Matador Production Company's Weinberger Fed Com #135H, Weinberger Fed Com #211H and Weinberger Fed Com #212H wells, located in S2 of Section 30 & All of Section 31, Township 24 South, Range 36 East, Lea County, New Mexico, to the Bone Spring and Wolfcamp formation.

In connection with the above, please note the following:

- The estimated cost of drilling, testing, completing, and equipping of each Well is itemized on the four (4) enclosed Authority for Expenditures ("AFE") both dated March 19, 2021.
- Weinberger Fed Com #135H: to be drilled from a legal location with a proposed surface hole location in the SW/4NW/4 of Section 30-24S-36E and a proposed bottom hole location in the SW/4SW/4 of Section 31-24S-36E. The Well will have a targeted interval within the Bone Spring formation and will be drilled horizontally in the Bone Spring (~11,600' TVD) to a Measured Depth of approximately 19,567'.
- Weinberger Fed Com #136H: to be drilled from a legal location with a proposed surface hole location in the SW/4NW/4 of Section 30-24S-36E and a proposed bottom hole location in the SE/4SW/4 of Section 31-24S-36E. The Well will have a targeted interval within the Bone Spring formation and will be drilled horizontally in the Bone Spring (~11,600° TVD) to a Measured Depth of approximately 19,567°.
- Weinberger Fed Com #211H: to be drilled from a legal location with a proposed surface hole location in the SW/4NW/4 of Section 30-24S-36E and a proposed bottom hole location in the SW/4SW/4 of Section 31-24S-36E. The Well will have a targeted interval within the Wolfcamp forn ation and will be drilled horizontally in the Wolfcamp (~11,800' TVD) to a Measured Depth of approximately 19,767'.

BEFORE THE OIL
CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. C4
Submitted by: MATADOR
PRODUCTION COMPANY
Hearing Date: November 04, 2021
Case Nos. 22269-22272

• Weinberger Fed Com #212H: to be drilled from a legal location with a proposed surface hole location in the SW/4NW/4 of Section 30-24S-36E and a proposed bottom hole location in the SE/4SW/4 of Section 31-24S-36E. The Well will have a targeted interval within the Wolfcamp formation and will be drilled horizontally in the Wolfcamp (~11,800' TVD) to a Measured Depth of approximately 19,767'.

MRC reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. MRC will advise you of any such modifications.

OXY USA WTP, LP will own an approximate 12.55954% working interest in each Well, subject to title verification.

MRC requests that you indicate your election to participate in the drilling and completion of the Wells in the space provided below, sign and return one (1) copy of this letter to the undersigned.

MRC is proposing to drill the Wells under the terms of the modified 1989 AAPL form of Operating Agreement dated June 1, 2021, by and between Matador Production Company, as Operator and MRC Permian Company et al as Non-Operators covering the S2 of Section 30 & All of Section 31, Township 24 South, Range 36 East, Lea County, New Mexico, and has the following general provisions:

- 100/300/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- Matador Production Company named as Operator

If your election is to participate in the drilling and completion of the Wells, please sign and return a copy of the enclosed AFE(s) within thirty (30) days of receipt of this notice. Additionally, if your election is to participate, please accept this letter as an invoice notice and request for payment. Please remit payment for your proportionate share of costs to Matador Production Company on or before thirty (30) days after receipt of this estimate and invoice. Please be aware that the enclosed AFE(s) are only an estimate of costs to be incurred and by electing to participate in the Wells, each working interest owner shall be responsible for its proportionate share of all costs incurred.

Thank you for your consideration of this proposal. Please contact me if you have any questions.

Sincerely,

MRC PERMIAN COMPANY

Released to Imaging: 11/3/2021 8:15:31 AM

OXY USA WTP, LP hereby elects to:
Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Matador Production Company's Weinberger Fed Com #135H well, in the estimated amount of \$995,926.97. Not to participate in the Weinberger Fed Com #135H
Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Matador Production Company's Weinberger Fed Com #136H well, in the estimated amount of \$995,926.97. Not to participate in the Weinberger Fed Com #136H
Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Matador Production Company's Weinberger Fed Com #211H well, in the estimated amount of \$1,296,208.12. Not to participate in the Weinberger Fed Com #211H
Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Matador Production Company's Weinberger Fed Com #212H well, in the estimated amount of \$1,007,390.56. Not to participate in the Weinberger Fed Com #212H
OXY USA WTP, LP
By:
Title:
Date:
Contact Number:

MRC Permian Company

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240 Voice 972.619.1259 • Fax 214.866.4946 djohns@matadorresources.com

David Johns Landman

June 1, 2021

VIA CERTIFIED RETURN RECEIPT MAIL

Cameron H. Morrow and wife, Vicky L. Morrow 30393 Oak Grove Road Paola, KS 66071

Re:

Weinberger Fed Com #135H, #136H, #211H & #212H (the "Wells") Participation Proposal S2 of Section 30 & All of Section 31, Township 24 South, Range 36 East Lea County, New Mexico

Dear Sir/Madam:

MRC Permian Company ("MRC") proposes the drilling of Matador Production Company's Weinberger Fed Com #135H, Weinberger Fed Com #211H and Weinberger Fed Com #212H wells, located in S2 of Section 30 & All of Section 31, Township 24 South, Range 36 East, Lea County, New Mexico, to the Bonc Spring and Wolfcamp formation.

In connection with the above, please note the following:

- The estimated cost of drilling, testing, completing, and equipping of each Well is itemized on the four (4) enclosed Authority for Expenditures ("AFE") both dated March 19, 2021.
- Weinberger Fed Com #135H: to be drilled from a legal location with a proposed surface hole location in the SW/4NW/4 of Section 30-24S-36E and a proposed bottom hole location in the SW/4SW/4 of Section 31-24S-36E. The Well will have a targeted interval within the Bone Spring formation and will be drilled horizontally in the Bone Spring (~11,600' TVD) to a Measured Depth of approximately 19,567'.
- Weinberger Fed Com #136H: to be drilled from a legal location with a proposed surface hole location in the SW/4NW/4 of Section 30-24S-36E and a proposed bottom hole location in the SE/4SW/4 of Section 31-24S-36E. The Well will have a targeted interval within the Bone Spring formation and will be drilled horizontally in the Bone Spring (~11,600' TVD) to a Measured Depth of approximately 19,567'.
- Weinberger Fed Com #211H: to be drilled from a legal location with a proposed surface hole location in the SW/4NW/4 of Section 30-24S-36E and a proposed bottom hole location in the SW/4SW/4 of Section 31-24S-36E. The Well will have a targeted interval within the Wolfcamp formation and will be drilled horizontally in the Wolfcamp (~11,800' TVD) to a Measured Depth of approximately 19,767'.

• Weinberger Fed Com #212H: to be drilled from a legal location with a proposed surface hole location in the SW/4NW/4 of Section 30-24S-36E and a proposed bottom hole location in the SE/4SW/4 of Section 31-24S-36E. The Well will have a targeted interval within the Wolfcamp formation and will be drilled horizontally in the Wolfcamp (~11,800' TVD) to a Measured Depth of approximately 19,767'.

MRC reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. MRC will advise you of any such modifications.

Cameron H. Morrow and wife, Vicky L. Morrow will own an approximate 3.139885% working interest in each Well, subject to title verification.

MRC requests that you indicate your election to participate in the drilling and completion of the Wells in the space provided below, sign and return one (1) copy of this letter to the undersigned.

MRC is proposing to drill the Wells under the terms of the modified 1989 AAPL form of Operating Agreement dated June 1, 2021, by and between Matador Production Company, as Operator and MRC Permian Company et al as Non-Operators covering the S2 of Section 30 & All of Section 31, Township 24 South, Range 36 East, Lea County, New Mexico, and has the following general provisions:

- 100/300/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- Matador Production Company named as Operator

If your election is to participate in the drilling and completion of the Wells, please sign and return a copy of the enclosed AFE(s) within thirty (30) days of receipt of this notice. Additionally, if your election is to participate, please accept this letter as an invoice notice and request for payment. Please remit payment for your proportionate share of costs to Matador Production Company on or before thirty (30) days after receipt of this estimate and invoice. Please be aware that the enclosed AFE(s) are only an estimate of costs to be incurred and by electing to participate in the Wells, each working interest owner shall be responsible for its proportionate share of all costs incurred.

Thank you for your consideration of this proposal. Please contact me if you have any questions.

Sincerely,

MRC PERMIAN COMPANY

David Johns

MRC Permian Company

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240 Voice 972.619.1259 • Fax 214.866.4946 diohns@matadorresources.com

David Johns Landman

July 30, 2021

VIA CERTIFIED RETURN RECEIPT MAIL

TROG Fund II, LP Attn: Mr. Taylor Loxter P.O. Box 5746 Austin, TX 78763

Re:

Weinberger Fed Com #135H, #136H, #211H & #212H (the "Wells") Participation Proposal S2 of Section 30 & All of Section 31, Township 24 South, Range 36 East Lea County, New Mexico

Dear Sir/Madam:

MRC Permian Company ("MRC") proposes the drilling of Matador Production Company's Weinberger Fed Com #135H, Weinberger Fed Com #211H and Weinberger Fed Com #212H wells, located in S2 of Section 30 & All of Section 31, Township 24 South, Range 36 East, Lea County, New Mexico, to the Bone Spring and Wolfcamp formation.

In connection with the above, please note the following:

- The estimated cost of drilling, testing, completing, and equipping of each Well is itemized on the four (4) enclosed Authority for Expenditures ("AFE") both dated March 19, 2021.
- Weinberger Fed Com #135H: to be drilled from a legal location with a proposed surface hole location in the SW/4NW/4 of Section 30-24S-36E and a proposed bottom hole location in the SW/4SW/4 of Section 31-24S-36E. The Well will have a targeted interval within the Bone Spring formation and will be drilled horizontally in the Bone Spring (~11,600' TVD) to a Measured Depth of approximately 19,567'.
- Weinberger Fed Com #136H: to be drilled from a legal location with a proposed surface hole location in the SW/4NW/4 of Section 30-24S-36E and a proposed bottom hole location in the SE/4SW/4 of Section 31-24S-36E. The Well will have a targeted interval within the Bone Spring formation and will be drilled horizontally in the Bone Spring (~11,600' TVD) to a Measured Depth of approximately 19,567'.
- Weinberger Fed Com #211H: to be drilled from a legal location with a proposed surface hole location in the SW/4NW/4 of Section 30-24S-36E and a proposed bottom hole location in the SW/4SW/4 of Section 31-24S-36E. The Well will have a targeted interval within the Wolfcamp formation and will be drilled horizontally in the Wolfcamp (~11,800' TVD) to a Measured Depth of approximately 19,767'.

• Weinberger Fed Com #212H: to be drilled from a legal location with a proposed surface hole location in the SW/4NW/4 of Section 30-24S-36E and a proposed bottom hole location in the SE/4SW/4 of Section 31-24S-36E. The Well will have a targeted interval within the Wolfcamp formation and will be drilled horizontally in the Wolfcamp (~11,800' TVD) to a Measured Depth of approximately 19,767'.

MRC reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. MRC will advise you of any such modifications.

TROG Fund II, LP will own an approximate 0.5887285% working interest in each Well, subject to title verification.

MRC requests that you indicate your election to participate in the drilling and completion of the Wells in the space provided below, sign and return one (1) copy of this letter to the undersigned.

MRC is proposing to drill the Wells under the terms of the modified 1989 AAPL form of Operating Agreement dated June 1, 2021, by and between Matador Production Company, as Operator and MRC Permian Company et al as Non-Operators covering the S2 of Section 30 & All of Section 31, Township 24 South, Range 36 East, Lea County, New Mexico, and has the following general provisions:

- 100/300/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- Matador Production Company named as Operator

If your election is to participate in the drilling and completion of the Wells, please sign and return a copy of the enclosed AFE(s) within thirty (30) days of receipt of this notice. Additionally, if your election is to participate, please accept this letter as an invoice notice and request for payment. Please remit payment for your proportionate share of costs to Matador Production Company on or before thirty (30) days after receipt of this estimate and invoice. Please be aware that the enclosed AFE(s) are only an estimate of costs to be incurred and by electing to participate in the Wells, each working interest owner shall be responsible for its proportionate share of all costs incurred.

Thank you for your consideration of this proposal. Please contact me if you have any questions.

Sincerely,

MRC PERMIAN COMPANY

D.W.J.

David Johns

TROG Fund II, LP hereby elects to:
Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Matador Production Company's Weinberger Fed Com #135H well, in the estimated amount of \$46684.0766. Not to participate in the Weinberger Fed Com #135H
Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Matador Production Company's Weinberger Fed Com #136H well, in the estimated amount of \$46684.0766. Not to participate in the Weinberger Fed Com #136H
Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Matador Production Company's Weinberger Fed Com #211H well, in the estimated amount of \$60759.7556. Not to participate in the Weinberger Fed Com #211H
Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Matador Production Company's Weinberger Fed Com #212H well, in the estimated amount of \$47221.4326. Not to participate in the Weinberger Fed Com #212H
TROG Fund II, LP
Ву:
Title:
Date:
Contact Number:

MRC Permian Company

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240 Voice 972.619,1259 • Fax 214.866.4946 djohns@matadorresources.com

David Johns Landman

August 9, 2021

VIA CERTIFIED RETURN RECEIPT MAIL

Pheasant Energy, LLC Attn: Steven J. Sutton P.O. Box 471458 Fort Worth, TX 76147

Re:

Weinberger Fed Com #135H, #136H, #211H & #212H (the "Wells") Participation Proposal S2 of Section 30 & All of Section 31, Township 24 South, Range 36 East Lea County, New Mexico

Dear Sir/Madam:

MRC Permian Company ("MRC") proposes the drilling of Matador Production Company's Weinberger Fed Com #135H, Weinberger Fed Com #211H and Weinberger Fed Com #212H wells, located in S2 of Section 30 & All of Section 31, Township 24 South, Range 36 East, Lea County, New Mexico, to the Bone Spring and Wolfcamp formation.

In connection with the above, please note the following:

- The estimated cost of drilling, testing, completing, and equipping of each Well is itemized on the four (4) enclosed Authority for Expenditures ("AFE") both dated March 19, 2021.
- Weinberger Fed Com #135H: to be drilled from a legal location with a proposed surface hole location in the SW/4NW/4 of Section 30-24S-36E and a proposed bottom hole location in the SW/4SW/4 of Section 31-24S-36E. The Well will have a targeted interval within the Bone Spring formation and will be drilled horizontally in the Bone Spring (~11,600' TVD) to a Measured Depth of approximately 19,567'.
- Weinberger Fed Com #136H: to be drilled from a legal location with a proposed surface hole location in the SW/4NW/4 of Section 30-24S-36E and a proposed bottom hole location in the SE/4SW/4 of Section 31-24S-36E. The Well will have a targeted interval within the Bone Spring formation and will be drilled horizontally in the Bone Spring (~11,600° TVD) to a Measured Depth of approximately 19,567°.
- Weinberger Fed Com #211H: to be drilled from a legal location with a proposed surface hole location in the SW/4NW/4 of Section 30-24S-36E and a proposed bottom hole location in the SW/4SW/4 of Section 31-24S-36E. The Well will have a targeted interval within the Wolfcamp formation and will be drilled horizontally in the Wolfcamp (~11,800' TVD) to a Measured Depth of approximately 19,767'.

• Weinberger Fed Com #212H: to be drilled from a legal location with a proposed surface hole location in the SW/4NW/4 of Section 30-24S-36E and a proposed bottom hole location in the SE/4SW/4 of Section 31-24S-36E. The Well will have a targeted interval within the Wolfcamp formation and will be drilled horizontally in the Wolfcamp (~11,800' TVD) to a Measured Depth of approximately 19,767'.

MRC reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. MRC will advise you of any such modifications.

Pheasant Energy, LLC will own an approximate 0.6888263% working interest in each Well, subject to title verification.

MRC requests that you indicate your election to participate in the drilling and completion of the Wells in the space provided below, sign and return one (1) copy of this letter to the undersigned.

MRC is proposing to drill the Wells under the terms of the modified 1989 AAPL form of Operating Agreement dated June 1, 2021, by and between Matador Production Company, as Operator and MRC Permian Company et al as Non-Operators covering the S2 of Section 30 & All of Section 31, Township 24 South, Range 36 East, Lea County, New Mexico, and has the following general provisions:

- 100/300/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- Matador Production Company named as Operator

If your election is to participate in the drilling and completion of the Wells, please sign and return a copy of the enclosed AFE(s) within thirty (30) days of receipt of this notice. Additionally, if your election is to participate, please accept this letter as an invoice notice and request for payment. Please remit payment for your proportionate share of costs to Matador Production Company on or before thirty (30) days after receipt of this estimate and invoice. Please be aware that the enclosed AFE(s) are only an estimate of costs to be incurred and by electing to participate in the Wells, each working interest owner shall be responsible for its proportionate share of all costs incurred.

Thank you for your consideration of this proposal. Please contact me if you have any questions.

Sincerely,

MRC PERMIAN COMPANY

David Johns

MATADOR PRODUCTION COMPANY

ATE: M	larch 19, 2021	ESTIMATE OF COSTS AN			AFE NO.:	
	Veinberger Fed Com	135H			FIELD:	
	W4 of 30 and W2 of				MD/TVD:	19,567711,600
_	sa, NM			LAT	ERAL LENGTH:	7,500
RC WI:					_	
	rd Bone Spring Sand					
EMARKS: D	rill, complete and eq	ulp a 1.5 mile horizontal 3	rd Bone Spring Sand w	vell with approximately 4	42 stages	
		DRILLING	COMPLETION	PRODUCTION	1000 / 0000 / 0000 / 0000	TOTAL
INTANGIBLE COS	ers	COSTS	COSTS	COSTS	FACILITY COSTS \$ 10,000	COSTS 86,500
and / Legal / Regulatory ocation, Surveys & Damages	•	96,000	13,000	15,000	25,000	151,000
rilling		651,000				651,000
ementing & Float Equip	20	165,000	3,000	3,000		105,000
ogging / Formation Evaluation lowback - Labor	3		5,000	8,400		6,400
lowback - Surface Rentals				122,000		122,000
lowback - Rental Living Quart	lers.	21,000				21,600
lud Logging lud Girculation System		46,575				46,575
lud & Chemicals		235,400	43,500	6,000	1 400	284,900
lud / Wastewater Disposal		130,000	26,700		1,000	131,000
reight / Transportation lig Supervision / Engineering		94,250	78,300	000,6	12,600	193,150
rill Bita		91,400				91,400
orll Bit Purchase		126,412	7,000			135,412
uel & Power Vater		35,000	472,500	2,000	1,000	510,500
rig & Completion Overhead		12,000	· ·			12,000
Yugging & Abandonment Drectional Drilling, Surveys		186,320				188,320
Completion Unit, Swab, CTU		100,020	101,875	16,000		117,675
Perforating, Wireline, Slickline			143,500	4.004		143,500 55,800
ligh Pressure Pump Truck			49,500 1,773,975	6,000		1,773,976
itimulation Flowback & Disp			15,500	260,000		275,500
naurance		29,351			5,000	29,351 161,250
,abor Renul - Surface Equipment		83,500 45,120	57,750 304,375	15,000	5,000	364,495
tental - Downhole Equipment		37,000	77,600	3,000	-	117,500
lental - Living Quarters		28,875	35,370	46,940	5,000 6,460	59,245 264,904
Contingency AaxCom		65,567 25,800	142,937	40,940	0,400	25,800
	TOTAL INTANGIBLES		3,346,282	638,340	71,060	6,241,151
		DRILLING	COMPLETION	PRODUCTION	CONTRACTOR STATES	TOTAL
TANGIBLE COS	ITS	COSTS	COSTS	COSTS	FACILITY COSTS	COSTS \$ 82,589
Surface Casing ntermediate Casing	0	82,559 274,492	•	•	•	274,492
Orilling Liner				X 		
Production Casing		403,792				403,792
Production Liner Tubing			$\overline{}$	82,500	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	92.500
Wellhead		66,000		45,000		110,000
Packers, Liner Hangers			56,250	5,000	29,900	61,250 29,900
Tanks Production Vessels					119,638	119,638
Flow Lines		3.0			120,000	120,000
Rod etring		:		30,000		30,000
Artificial Lift Equipment Compressor		.	$\overline{}$	30,000	42,500	42,600
Installation Costs					80,000	60,000
Surface Pumps				5,000	16,250	21,250
Non-controllable Surface Non-controllable Downhole		—— <u></u>			2,000	
Downhole Pumps		(4)				
Measurement & Motor Installs		(*/		10,000	49,000	69,000
Gas Conditioning / Dehydratic interconnecting Facility Pipin					50,000	60,000
Gathering / Bulk Lines					•	
Valves, Dumps, Controllers				2,000	7,500	2,000 7,500
Tank / Facility Containment Flare Stack					13,335	13,333
Electrical / Grounding				5,000	28,500	33,600
Communications / SCADA					2,560 55,750	7,500
Instrumentation / Safety	TOTAL TANGIBLES	> 825,674	56,250	169,500	616,671	1,688,494
	TOTAL COSTS		3,402,632	727,840	667,931	7,929,645
PARED BY MATADOR PR	ODUCTION COMPA	NY:				
Driffing Engineer:	Blake Hermes	Team Lead - WTX/	NM GATE			
Completions Engineer:	Gerrett Humi	. Odin L080 - V/ [A/	WTE			
Production Engineer:	Jan Mosnee					
	IDANIV ADDDOUAL					
ADOR RESOURCES CON	FANT APPROVAL:		4		Van VID 8 000 1	i seel
Exec, VP & CFO	DEL	Exec VP - Res Engineer	ning	E	xec VP & COO - Land &	CNA
President		Senior VP - Geoscie			Exec VP & COO - Open	enoite
Tooden	MVH		NUF			BEG
OPERATING PARTNER	APPROVAL:					
Company Name:			Working Interest (%):		Т	BK ID:
Signed by:			Dale: _			

AFE - Version 4

MATADOR PRODUCTION COMPANY

	ONE LI	NCOLN CENTRE - 5400 LB	(ODUCTION C J FREEWAY • SUITE 150 371-5200 • Fax (972) 371	00 • DALLAS, TEXAS 752	40	
		ESTIMATE OF COSTS A				
DATE: M	larch 19, 2021				AFE NO.:	
	/einberger Fed Com	136H			FIELD:	
	W4 of 30 and W2 of				MD/TVD:	19,567'/11,600'
-	ea, NM			L	ATERAL LENGTH:	7,500
ARC WI:						
	rd Bone Spring Sand					
		uip a 1.5 mile horizontal 3	Brd Bone Spring Sand	well with approximatel	y 42 slages	
		DRILLING	COMPLETION	PRODUCTION		TOTAL
INTANGIBLE COS	ITS	COSTS	COBTB	COSTS	FACILITY COSTS	COSTS
and / Legal / Regulatory		61,500	\$	\$ 15,000	\$ 10,000	\$ 86,500
ocation, Surveys & Damages		95,000	13,000	15,000	25,000	151,000
Orilling Comenting & Float Equip		651,000 165,000				651,000
ogging / Formation Evaluation	Y	100,000	3,000	3,000		6,000
lowback - Lebor				6,400		8,400
Towtrack - Surface Rentals				122,000		122,000
lowback - Rental Living Quart	¢(B			*:		
Aud Logging Aud Circulation System		21,600 46,575				21,600 46,575
lud & Chemicals		235,400	43,500	6,000		284,900
lud / Wastewater Disposal		130,600		0,000	1,000	131,000
reight / Transportation		12,800	28,700			39,500
g Supervision / Engineering		94,250	78,300	8.000	12,600	193,150
ritt Bits		91,400				91,400
rill Bit Purchase uel & Power		128,412	7,000			135,412
fator		35,000	472,500	2,000	1,000	510,500
rig & Completion Overhead		12,000	472,000		1,000	12,000
lugging & Abandonment						
directional Drilling, Surveys		186,320				166,320
Completion Unit, Swab, CTU			101,875 140,600	16,000		117,675
Perforating, Wireline, Stickline tigh Pressure Pump Truck			49,500	6,000		143,500 55,600
itimulation			1,773,975	0,000		1,773,975
Stimulation Flowback & Disp			15,500	260,000		276,500
naurance		29,351				29,351
abor		83,500	57,750	15,000	5,000	161,250
lental - Surface Equipment		45,120 37,000	304,375 77,500	3,000	5,000	364,495
tental - Downhole Equipment tental - Living Quarters		28,875	35,370	3,000	5,000	G9,245
Contingency		66,567	142,037	48,940	8,480	264,904
/axCom		25.800				25,600
1	OTAL INTANGIBLES >	2,285,469	3,346,282	538,340	71,060	6,241,15
		DRILLING	COMPLETION	PRODUCTION	90900 ELGGRASSIN	TOTAL
TANGIBLE COS	rs .	COSTS	costs	COSTS	FACILITY COSTS	COSTS
Surface Cealing Intermediate Cealing		82,559 274,492	,	,	,	\$ 82,589 274,492
Orilling Liner		211/102				217.100
Production Casing		403,792				403,792
Production Liner						
Tubing				82,500		82,500
Yellhoad		65,000	56,250	45,000 5,000		110,000
Packers, Liner Hangers Fanks			50,200	0,000	29,900	29,900
Production Vessels		1.			119,638	119,638
low Lines		-			120,000	120,000
tod string						
rtificial Lift Equipment		<u>:</u>		30,000	42,500	30,000 42,500
Compressor Installation Costs					80,000	89,000
urface Pumps				5,000	16,250	21,250
ion-controllable Surface					2,000	2,000
ion-controllable Downhole						
Sownhole Pumps	fan :			10011	45.000	
dessurement & Moter Installat Tas Conditioning / Dehydration				10,000	49,000	59,000
nterconnecting Facility Piping				—— <u>:</u>	50,000	50,000
isthering / Bulk Lines						
alves, Dumps, Controllers				2,000		2,000
ank / Facility Containment					7,500	7,500
Tare Stack Rectrical / Grounding				5,000	13,333	13,333
Communications / SCADA		$\overline{}$	$\overline{}$	5,000	2,500	7,500
nstrumentation / Safety					55,750	55,750
······································	TOTAL TANGIBLES >	825,874	56,250	189,500	610,071	1,688,49
	TOTAL COSTS >	3,111,343	3,402,532	727,840	607,031	7,929,64
PARED BY MATADOR PRO	DUCTION COMPA	NY:				
			/ 1117			
Drilling Engineer:	Blake Hermes	Team Lead - WTX/	NM WIF			
Completions Engineer:	Garrett Hunt		WTE			
Production Engineer:	Jan Mosnes					
ADOR RESOURCES COM	PANY APPROVAL-					
	ATT AFFROYAL!					
Exec. VP & CFO	DEL	Exec. VP - Res Engineer	ing	I	Exec. VP & COD - Land & L	egal
	DEL	Danies III O	p-m		5	
President	MVH	Santor VP - Geoscier	NUF		Exec VP & COO - Operal	lons BEG
	m v l		NLF			550
OPERATING PARTNER A	PPROVAL:					
Company Name:			Working interest (%):_		Te	k ID:
Company Maine;			**UNANA # (10)		180	· ID.

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DATE:

WELL NAME:

LOCATION:

MATADOR PRODUCTION COMPANY

ONE LINCOLN CENTRE - 6400 LBJ FREEWAY - SUITE 1600 - DALLAS, TEXAS 76240 Phone (972) 371-5200 - Fax (972) 371-5201

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITUR
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AFE NO.:

FIELD:

MD/TVD:

19,767' / 11,800'

March 19, 2021 Weinberger Fed Com 211H SW4 of 30 and W2 of 31 in 24S-36E

REMARKS: Drill INTANGIBLE COST INTANGIBLE COST Location, Surveys & Damages Drilling Cementing & Float Equip Location, Surveys & Damages Drilling Cementing & Float Equip Location, Surveys & Damages Flowback - Labor Flowback - Surface Rentala Flowback - Rental Living Quart Mud Loggling Mud & Circulation System Mud & Chemicals Mud J Wastwater Disposal Freight / Transportation Rig Supervision / Engineering Drill Bits Surveys Completion Overhead Plugging & Abandonment Drectionst Drilling, Surveys Completion Unif, Swab, CTU Perforating, Wireline, Silckline High Pressure Pump Truck Stimulation Flowback & Disp Insurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Downhole Equipment Rental - Downhole Equipment Rental - Downhole Equipment Contingency MaxCom TO TANGELLE COST TANGELLE COST Tubing Welshead Production Casing Non-controllable Downhole Facility Piping Gast Conditioning / Dehydration Lines Tank Facility Containment Fiare Stack Electrical / Grounding Communications / SAGOA Instrumentation / SAGOA	TS \$	DRILLING COSTS 61,500 95,000 1,148,250 259,000 610,000 71,438 270,450 145,050 157,655 113,450 214,756 40,060 21,750 281,620 281,620 281,620 46,750 62,689 267,750	COMPLETION COSTS 13,000 3,000 43,500 28,700 78,000 472,300 101,875 143,500 49,500 1,713,975 1715,900 35,370 142,937 3,346,792 COMPLETION COSTS	PRODUCTION COSTS \$ 15,000 15,000 \$,400 122,000 6,000 2,000 16,000 280,000 15,000 15,000 15,000 16,000 280,000 16,0	### FACILITY COSTS ### 10,000 ### 1,	YOTAL COSTS \$ 86,500 1151,000 1,148,280 250,000 6,400 122,000 33,000 146,000 44,300 226,525 / 113,400 221,756 515,500 2117,875 143,500 55,500 1773,975 275,500 2,055 161,280 442,139 401,155 161,280 442,139 46,763 442,139
REMARKS: Drill INTANGIBLE COST Location, Surveys & Damages Drilling Cementing & Float Equip Flowback - Labor Flowback - Labor Flowback - Surface Rentela Flowback - Rental Living Quart Mud Loggling Mud & Chremicals Mud Loggling Mud & Chremicals Mud J Wastwater Disposal Freight / Transportation Rig Supervision / Engineering Drill Bits Drill Bits Drill Bits Drill Bits Drill Bits Prover Water Water Water Water Urg & Completion Overhead Plugging & Abandonment Directional Drilling, Surveys Completion Unit, Swab, CTU Perforating, Wireline, Silckline High Pressure Pump Truck Stimulation Stimulation Flowback & Disp Insurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Downhole Equipment Rental - Living Quarters Condingency MaxCom TO TANGBILE COST Surface Casing Intermediate Casing Drilling Uner Production Casing Production Cas	II, complete and equi	DRILLING COSTS 61,500 95,000 1,148,250 259,000 610,000 71,438 270,450 145,050 157,655 113,450 214,756 40,060 21,750 281,620 281,620 281,620 46,750 62,689 267,750	COMPLETION COSTS 13,000 3,000 49,500 78,000 78,000 472,500 101,876 143,500 49,500 1,773,975 15,600 304,375 77,500 35,376 142,637 3,446,282 COMPLETION	PRODUCTION COSTS \$ 15,000 15,000 3,000 8,400 122,000 6,000 6,000 2,000 16,000 250,000 15,000 10,000 3,000 45,940 PRODUCTION COSTS	\$ 10,600 25,600 1,000 1,000 1,000 1,000 1,000 5,000 5,000 6,460 71,660	TOTAL COSTS \$ 88,600 151,000 1,149,250 250,000 016,000 6,400 122,000 33,600 71,436 319,900 146,000 256,525 7 113,400 221,756 515,500 21,756 117,875 143,600 177,875 143,600 177,875 143,600 26,555 177,875 143,600 27,750 28,555 117,875 143,600 27,750 28,555 27,500 28,555 27,500 28,555 27,500 28,555 27,500 28,555 27,500 28,555 40,1,155 127,250 60,456 42,436 44,736 44,736
INTANGIBLE COST Land / Legal / Regulatory Location, Surveya & Damagea Drilling Cementing & Float Equip Logging / Formation Evaluation Flowback - Labor Flowback - Surface Rental Flowback - Rental Living Quart Mud Logging Mud Circulation System Mud & Chemicals Mud / Wastewater Disposal Freight / Transportation Rig Supervision / Engineering Drill Bits Drill Bits Drill Bit Purchase Fuel & Power Water Drig & Completion Overhead Pluging & Abandonment Directional Drilling, Surveys Completion Unit, Swab, CTU Perforating, Wireline, Silckline High Pressure Pump Truck Stimulation Stimulation Flowback & Disp Insurance Labor Rental - Surface Equipment Rental - Downhole Equipment Contingency MaxCom TO YANGIBLE COST Surface Casing Production Casing	TS \$	DRILLING COSTS 61,500 95,000 1,148,250 259,000 610,000 71,438 270,450 145,050 157,655 113,450 214,756 40,060 21,750 281,620 281,620 281,620 46,750 62,689 267,750	COMPLETION COSTS 13,000 3,000 49,500 78,000 78,000 472,500 101,876 143,500 49,500 1,773,975 15,600 304,375 77,500 35,376 142,637 3,446,282 COMPLETION	PRODUCTION COSTS \$ 15,000 15,000 3,000 8,400 122,000 6,000 6,000 2,000 16,000 250,000 15,000 10,000 3,000 45,940 PRODUCTION COSTS	\$ 10,600 25,600 1,000 1,000 1,000 1,000 1,000 5,000 5,000 6,460 71,660	TOTAL COSTS \$ 88,600 151,000 1,149,250 250,000 016,000 6,400 122,000 33,600 71,436 319,900 146,000 256,525 7 113,400 221,756 515,500 21,756 117,875 143,600 177,875 143,600 177,875 143,600 26,555 177,875 143,600 27,750 28,555 117,875 143,600 27,750 28,555 27,500 28,555 27,500 28,555 27,500 28,555 27,500 28,555 27,500 28,555 40,1,155 127,250 60,456 42,436 44,736 44,736
Land Legal: Regulatory Location, Surveys & Damages Drilling Comenting & Float Equip Logging / Formation Evaluation Flowback - Labor Flowback - Labor Flowback - Surface Rentala Freight / Transportation Rig Supervision / Engineering Drill Bits Drill Bits Drill Bits Purchase Fleet & Power Water Unit Bit Purchase Fleet & Power Water Unit Bit Purchase Fleet & Power Water Unit Bits Drill Bits Drill Bits Drill Bits Drill Bits Drill Bits Unit Bit Purchase Fleet & Power Water Unit Swab, CTU Parforating, Wireline, Slickline High Pressure Pump Truck Stimulation Stimulation Flowback & Disp Insurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Living Quarters Condingency MaxCom TO YANGIBLE COST Surface Casing Drilling Uner Production Casing Pr	ters	COSTS 61,600 95,000 1,146,250 259,000 610,000 610,000 33,600 71,438 270,000 145,000 17,600 18,7,700 18	13,000 3,000 3,000 43,500 26,700 78,300 7,000 472,500 101,875 143,500 1,773,975 15,500 57,750 304,375 77,500 35,370 142,837 142,837	\$ 15,000 15,000 15,000 3,000 5,400 122,000 6,000 6,000 2,000 2,000 2,000 16,000 280,000 15,000 10,000 3,000 46,900 6,0	\$ 10,600 25,600 1,000 12,600 1,000 5,000 5,000 6,460 71,660	COSTS \$ 88,500 151,000 1,149,250 250,000 016,000 6,000 122,000 71,436 319,500 146,000 44,300 256,525 / 113,400
Land Legal: Regulatory Location, Surveys & Damages Drilling Comenting & Float Equip Logging / Formation Evaluation Flowback - Labor Flowback - Labor Flowback - Surface Rentala Freight / Transportation Rig Supervision / Engineering Drill Bits Drill Bits Drill Bits Purchase Fleet & Power Water Unit Bit Purchase Fleet & Power Water Unit Bit Purchase Fleet & Power Water Unit Bits Drill Bits Drill Bits Drill Bits Drill Bits Drill Bits Unit Bit Purchase Fleet & Power Water Unit Swab, CTU Parforating, Wireline, Slickline High Pressure Pump Truck Stimulation Stimulation Flowback & Disp Insurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Living Quarters Condingency MaxCom TO YANGIBLE COST Surface Casing Drilling Uner Production Casing Pr	ters	COSTS 61,600 95,000 1,146,250 259,000 610,000 610,000 33,600 71,438 270,000 145,000 17,600 18,7,700 18	13,000 3,000 3,000 43,500 26,700 78,300 7,000 472,500 101,875 143,500 1,773,975 15,500 57,750 304,375 77,500 35,370 142,837 142,837	\$ 15,000 15,000 15,000 3,000 5,400 122,000 6,000 6,000 2,000 2,000 2,000 16,000 280,000 15,000 10,000 3,000 46,900 6,0	\$ 10,600 25,600 1,000 12,600 1,000 5,000 5,000 6,460 71,660	COSTS \$ 88,500 151,000 1,149,250 250,000 016,000 6,000 122,000 71,436 319,500 146,000 44,300 256,525 / 113,400
Land Legal: Regulatory Location, Surveys & Damages Drilling Comenting & Float Equip Logging / Formation Evaluation Flowback - Labor Flowback - Labor Flowback - Surface Rentala Freight / Transportation Rig Supervision / Engineering Drill Bits Drill Bits Drill Bits Purchase Fleet & Power Water Unit Bit Purchase Fleet & Power Water Unit Bit Purchase Fleet & Power Water Unit Bits Drill Bits Drill Bits Drill Bits Drill Bits Drill Bits Unit Bit Purchase Fleet & Power Water Unit Swab, CTU Parforating, Wireline, Slickline High Pressure Pump Truck Stimulation Stimulation Flowback & Disp Insurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Living Quarters Condingency MaxCom TO YANGIBLE COST Surface Casing Drilling Uner Production Casing Pr	ters	99,000 1,148,250 259,000 610,000 610,000 33,600 71,338 270,400 145,000 17,600 1157,652 113,460 214,758 40,000 21,750 281,520 81,750 83,500 81,750 46,750 46,750 46,750 46,750 46,750 163,507,173 DRILLING COSTS 62,689 267,750	3,000 43,500 28,700 78,900 472,500 101,875 143,500 479,500 1,773,975 15,500 57,750 304,375 77,560 35,370 142,697 142,697	15,000 3,000 6,400 122,000 6,000 6,000 2,000 16,000 15,000 10,000 3,000 48,940 PRODUCTION COSTS	25,000 1,000 12,600 1,000 5,000 5,000 6,480 71,060	151,000 1,148,250 280,000 816,000 816,000 816,000 122,060 33,600 71,438 319,900 146,000 44,300 256,525 / 113,400 21,756 515,500 21,759
Drilling Comenting & Float Equip Logging / Formation Evaluation Flowback - Labor Flowback - Labor Flowback - Surface Rentala Flowback - Rental Living Quart Mud Logging Mud Circulation System Mud & Chemicals Mud Logging Mud Circulation System Mud & Chemicals Mud / Wastwater Disposal Freight / Transportation Rig Supervision / Engineering Drill Bits Drill Bits Drill Bits Drill Bits Purit & Power Water Water Water Unit & Completion Overhead Plugging & Abandonment Directional Drilling, Surveys Completion Unit, Swab, CTU Perforating, Wireline, Silckline High Pressure Pump Truck Stimulation Stimulation Flowback & Dispinsurance Labor Rental - Downhole Equipment Rental - Downhole Equipment Rental - Downhole Equipment Rental - Living Quarters Contingency MaxCom TO TANGELLE COST Surface Casing Drilling Uner Production Casing Nor-Controllable Surface Rod string Rod string Rod string Rod string Nor-controllable Downhole Downhole Pumps Nor-controllable Surface Non-controllable Downhole Downhole Pumps Nor-controllable Casing Tank Facility Pointig Gathering / Bulk Lines Valves, Dumps, Controllers Tank Facility Containment Files Stack Electrical / Grounding Communications / SGOA Instrumentalition / Safety	OTAL INTANGIBLES >	1,148,290 250,000 610,000 610,000 610,000 71,438 270,400 145,000 147,600 157,650 113,460 214,756 40,000 21,750 281,620 281,620 46,760 4	3,000 43,500 28,700 78,900 472,500 101,875 143,500 479,500 1,773,975 15,500 57,750 304,375 77,560 35,370 142,697 142,697	3,000 6,400 122,000 6,000 6,000 6,000 2,000 16,000 260,000 15,000 10,000 3,000 45,940 PRODUCTION COSTS	1,000 12,600 1,000 1,000 5,000 5,000 6,460	1,148,250 280,000 016,000 016,000 0,400 122,000 33,600 71,438 319,900 146,000 44,300 256,525 113,400 21,758 515,530 21,758 281,520 281,520 281,520 177,875 143,500 1,773,975 275,500 1,773,975 275,500 401,155 167,250 60,458 44,139 46,763 6,262,855
Comenting & Float Equip Logging / Formation Evaluation Flowback - Labor Flowback - Labor Flowback - Labor Flowback - Surface Rentals Flowback - Surface Rentals Flowback - Surface Rentals Mud Logging Mud Circulation System Mud & Chemicals Mud / Westewater Disposal Freight / Transportation Rig Supervision / Engineering Drill Bits Dulli Bit Purchase Fuel & Power Water Drig & Completion Overhead Plugging & Abandonment Directional Drilling, Surveys Completion Unit, Swab, CTU Perforating, Wireline, Slickline High Pressure Pump Truck Stimulation Stimulation Flowback & Disp Insurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Downhole Equipment Rental - Direction Guster Contingency MaxCom TO TANGHBLE COST Surface Casing Intermediate Casing Priduction Casing Production Liner Tubing Welthead Packers, Liner Hangera Tanks Production Vessels Flow Lines Rod atting Artificial Lift Equipment Compressor Installation Costs Surface Pump Measurement & Meter Installat Gas Conditioning / Dehydratio- Intermediate Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Flare Stack Electrical / Grounding Communications / SGDA Instrumentation / Safety	OTAL INTANGIBLES >	299,000 616,600 33,600 71,438 270,400 145,000 145,000 145,000 157,625 113,460 214,766 40,000 21,756 201,620 21,750 40,000 21,750 46,750 40,000 244,800 243,800 46,750 40,000 243,800 46,750 40,000 243,800 243,800 250,750 46,750	49,500 26,700 78,000 7,000 472,500 101,875 143,500 49,500 1,713,975 15,500 304,375 77,500 35,370 142,637 3,346,782 COMPLETION	6,000 6,000 6,000 2,000 16,000 16,000 260,000 15,000 10,000 3,000 45,940 PRODUCTION COSTS	12,600 1,000 5,000 5,000 6,460 71,060	250,000 016,000 0,400 122,000 33,600 71,436 319,900 146,000 256,525 / 113,400 221,756 515,500 21,750 117,875 143,500 1,773,975 275,500 20,851 161,220 401,155 127,250 60,454 44,763
Logging / Formation Evaluation Flowback - Labor Flowback - Surface Rentala Flowback - Rental Living Quart Mud Logging Mud Circulation System Mud A Comercials Mud / Wastewater Disposal Freight / Transportation Rig Supervision / Engineering Drill Bits Dril Bits Drill Bits Drill Bits Drill Bits Drill Bits Drill Bits Dri	OTAL INTANGIBLES >	610,000 33,600 71,438 270,000 145,000 17,605 113,406 214,756 40,000 21,750 281,520 281,520 281,520 46,750 46,	49,500 26,700 78,000 7,000 472,500 101,875 143,500 49,500 1,713,975 15,500 304,375 77,500 35,370 142,637 3,346,782 COMPLETION	6,000 6,000 6,000 2,000 16,000 16,000 260,000 15,000 10,000 3,000 45,940 PRODUCTION COSTS	12,600 1,000 5,000 5,000 6,460 71,060	816.000 8,400 122.000 133,000 71,436 310,300 146.000 44,300 256,525 1113,400 221,758 515,530 21,759 281,520 117,875 143,500 17,73,976 275,500 1,773,976 275,500 60,458 44,139 46,763 6,262,855
Flowback - Labor Flowback - Surface Rentala Flowback - Surface Rentala Flowback - Rental Living Quart Mud Loggling Mud Circulation System Mud A Chemicals Mud Chemicals Mud I Westewater Disposal Freight / Transportation Rig Supervision / Engineering Drill Bits Drill Bits Drill Bits Prochase Fuel & Power Water Water Unit Swab, Cruperion Drig & Completion Overfeed Plugging & Abandonment Directional Drilling, Surveys Completion Unit, Swab, Cru Perforating, Wireline, Slickline High Pressure Pump Truck Stimulation Stimulation Flowback & Disp Insurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Living Quarters Condingency MaxCom TO YANGIBLE COST Surface Casing Drilling Uner Production Casing Rental-Iting Campersor Installation Costs Surface Pumps Non-controllable Downhole Downhole Pumps Non-controllable Downhole Downhole Pumps Non-controllable Downhole Downhole Pumps Non-controllable Downhole Downhole Pumps Non-controllable Casing Gas Cendilloning / Dehydratio- Installation Costs Surface Pumps Non-controllable Downhole Downhole Pumps Non-controllable Downhole Downhole Pumps Non-controllable Casing Gas Cendilloning / Dehydratio- Interfacility Poining Gas Cendilloning / Dehydratio- Interfacility Containment Filer Stack Electrical / Grounding Communications / SGOA Instrumentalist / Safety	OTAL INTANGIBLES >	33,600 71,438 270,400 145,000 157,600 157,600 157,600 113,400 214,756 40,000 21,750 281,620 281,620 81,780 46,750 40,000 24,3802 46,763 4,307,173 DRILLING COSTS	49,500 26,700 78,000 7,000 472,500 101,875 143,500 49,500 1,713,975 15,500 304,375 77,500 35,370 142,637 3,346,782 COMPLETION	6,000 6,000 6,000 2,000 16,000 16,000 260,000 15,000 10,000 3,000 45,940 PRODUCTION COSTS	12,600 1,000 5,000 5,000 6,460 71,060	6,400 122,000 33,000 71,436 310,900 146,000 44,300 256,525 113,400 21,750 21,750 21,750 21,750 21,750 21,750 21,750 21,750 21,750 21,750 21,750 21,750 22,550 21,750 22,550 21,773,975 44,540 40,155 127,250 60,453 442,364
Flowback - Surface Rentals Flowback - Rental Living Quart Mud Logging Mud Circulation System Mud A Compile Mud A Chemicals Mud J Westewater Disposal Freight / Transportation Rig Supervision / Engineering Drill Bits Dolli Bit Purchase Fuel & Power Water United Systems Fuel & Power Water Drig & Completion Overhead Plugging & Abandonment Directional Drilling, Surveys Completion Unit, Swab, CTU Parforating, Wireline, Silckline High Pressure Pump Truck Stimutation Flowback & Disp. Insurance Labor Sumutation Flowback & Disp. Insurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Living Quarters Contingency MaxCom TO TANGHBLE COST Surface Casing Intermediate Casing Drilling Uner Production Casing Relibead Packers, Liner Hangera Tanks Production Vessels Firow Lines Rod string Autificial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Surface	DTAL INTANGIBLES >	71,38 276,460 145,600 17,600 157,625 113,406 214,758 40,000 21,750 281,520 281,520 46,750 46,	26,700 78,000 7,000 472,508 101,875 143,500 1,773,975 15,500 394,375 77,500 35,370 142,637 142,637	122,000 6,000 6,000 2,000 16,000 16,000 10,000 3,000 48,940 PRODUCTION COSTS	12,600 1,000 5,000 5,000 6,460 71,060	122,000 33,800 71,438 319,900 146,000 44,300 256,525 / 113,400 21,758 515,500 21,759 281,520 117,875 143,500 27,500 28,851 161,280 401,155 127,250 60,454 44,139 46,763
Flowback - Rental Living Quart Mud Logging Mud Corgulation System Mud A Chemicals Mud A Chemicals Mud A Chemicals Mud A Chemicals Mud I Wastwater Disposal Freight / Transportation Rig Supervision / Engineering Drill Bits Bits Bits Bits Bits Bits Bits Bits	DTAL INTANGIBLES >	71,38 276,460 145,600 17,600 157,625 113,406 214,758 40,000 21,750 281,520 281,520 46,750 46,	26,700 78,000 7,000 472,508 101,875 143,500 1,773,975 15,500 394,375 77,500 35,370 142,637 142,637	6,000 6,000 2,000 16,000 280,000 15,000 10,000 3,000 46,940 PRODUCTION COSTS	12,600 1,000 5,000 5,000 6,460 71,060	33,600 71,438 319,500 146,000 44,300 256,525 113,400 221,758 515,530 21,759 281,520 65,550 17,73,975 275,550 20,851 161,250 60,458 44,139 46,763 6,262,855
Mud Loggling Mud Circulation System Mud Circulation System Mud Circulation System Mud A Chemicals Mud I Westewater Disposal Freight I Transportation Rig Supervision / Engineering Drill Bits Durchase Fuel & Power Water Drig & Completion Overhead Pluggling & Abandoment Directional Drilling, Surveys Completion Unit, Swab, CTU Perforating, Wireline, Sickline High Pressure Pump Truck Stimulation Flowback & Disp Insurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Downhole Equipment Rental - Downhole Equipment Rental - Living Gusters Contingency MaxCom TO TANGHBLE COST Surface Casing Intermediate Casing Drilling Cliner Production Casing Production Liner Tobing Wellhead Packers, Liner Hangera Tanks Rod string Artllicial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Burface Non-controllable Downhole Downhole Pumps Measurement & Meter Installab Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Fizer Stack Electrical / Grounding Communications / SGODA Instrumentalian / Safety	DTAL INTANGIBLES >	71,38 276,460 145,600 17,600 157,625 113,406 214,758 40,000 21,750 281,520 281,520 46,750 46,	26,700 78,000 7,000 472,508 101,875 143,500 1,773,975 15,500 394,375 77,500 35,370 142,637 142,637	6,000 6,000 16,000 16,000 260,000 15,000 10,000 3,000 48,940 PRODUCTION COSTS	12,600 1,000 5,000 5,000 6,460 71,060	71,438 319,500 146,000 44,500 269,525 / 113,400 21,758 515,550 21,759 281,520 117,875 143,500 275,500 1,773,976 275,500 401,155 127,250 60,458 44,139 46,763 6,262,855
Mud Circulation System Mud A Chemicals Mud A Chemicals Mud I Westewater Disposal Freight I Transportation Rig Supervision / Engineering Drill Bits Drivetional Drilling, Surveys Completion Unit, Swab, CTU Perforating, Wireline, Silckline High Pressure Pump Truck Stimulation Flowback & Disp Insurance Labor Rental - Surface Equipment Rental - Surface Equipment Rental - Downhole Equipment Contingency MaxCorn TO TANGEBLE COST Tanks Production Casing Production Casing Production Casing Wellhead Packers, Liner Hangers Tanks Production Vessels Frow Lines Rod ating Artificial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Downhole Downhole Pumps Measurement & Meter Installab Gas Conditioning / Dehydration Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Fizer Stack Electrical / Grounding Communications / SGODA Instrumentalist / Safety	OTAL INTANGIBLES >	71,38 276,460 145,600 17,600 157,625 113,406 214,758 40,000 21,750 281,520 281,520 46,750 46,	26,700 78,000 7,000 472,508 101,875 143,500 1,773,975 15,500 394,375 77,500 35,370 142,637 142,637	8,000 2,000 16,000 280,000 15,000 10,000 3,000 48,940 FRODUCTION COSTS	12,600 1,000 5,000 5,000 6,460 71,060	71,438 319,500 146,000 44,500 269,525 / 113,400 21,758 515,550 21,759 281,520 117,875 143,500 275,500 1,773,976 275,500 401,155 127,250 60,458 44,139 46,763 6,262,855
Mod & Chemicals Mod J Wastowater Disposal Freight / Transportation Rig Supervision / Engineering Drill Bits Drilling, Surveys Completion Unit, Swab, CTU Perforating, Wireline, Slickline High Pressure Pump Truck Stimulation Stimulation Flowback & Disp Inneurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Downhole Equipment Rental - Living Quarters Contingency MaxCom TO TANGIBLE COST Surface Casing Drilling Uner Production Casing Resurrant Refers Rod atring Compressor Installation Costs Surface Pumps Non-controllable Downhole Downhole Pumps Non-controllable Surface Non-controllable Casing Tark I Facility Containment Filer Stack Electrical / Grounding Communication / Safety	OTAL INTANGIBLES >	270,400 145,000 145,000 147,600 157,655 113,655 113,655 40,000 21,750 281,620 281,620 281,620 46,760 46,760 46,760 46,760 46,760 4,307,173 DRILLING COSTS 62,689 2267,750	26,700 78,000 7,000 472,508 101,875 143,500 1,773,975 15,500 394,375 77,500 35,370 142,637 142,637	8,000 2,000 16,000 280,000 15,000 10,000 3,000 48,940 FRODUCTION COSTS	12,600 1,000 5,000 5,000 6,460 71,060	319,500 146,000 44,300 256,525 / 113,400 221,756 515,530 21,780 261,520 117,875 143,500 55,500 1,773,975 275,500 29,851 161,280 60,454 42,139 46,763 6,262,855 TOTAL
Mod / Westewater Disposal Freight / Transportation Rig Supervision / Engineering Drill Bits Donli Bits Durchase Fuel & Power Water Drill Bits Durchase Fuel & Power Drill Bit Purchase Fuel & Power Drill Bit Purchase Fuel & Power Drill Bits Durchase Fuel & Power Drill Bits Durchase Drieging & Abandonment Directional Drilling, Surveys Completion Unit, Swab, CTU Perforating, Wireline, Silckline High Pressure Pump Truck Stimulation Flowback & Dispinaurance Labor Rental - Downhole Equipment Rental - Downhole Engineering Drilling Liner Production Casing Production Versels Fiow Lines Rod Atling Artificial Lift Equipment Compressor Installation Costs Surface Pump Measurement & Meter Installation Controllable Burface Non-controllable Downhole Pump Measurement & Meter Installation Gas Conditioning / Dehydration Interconnecting Facility Piping Gathering / Bulk Jumps, Controllers Tank / Facility Containment Fizer Stack Valves, Dumps, Controllers Tank / Facility Containment Fizer Stack Electrical / Grounding Communications / SGODA Instrumentalian / Safety	OTAL INTANGIBLES >	17,600 157,632 113,605 113,605 214,756 40,000 21,750 281,520 281,520 40,000 81,730 46,730 46,730 46,730 46,730 46,730 243,502 46,763 4,307,173 DRILLING COSTS 62,689 2267,750	78,000 7,000 472,500 101,875 143,500 49,500 1,713,975 15,500 304,375 77,500 35,370 142,677 3,346,782 COMPLETION	2,000 16,000 6,000 280,000 15,000 10,000 3,000 48,940 PRODUCTION COSTS	12,600 1,000 5,000 5,000 6,460 71,060	44,500 256,525 / 113,400 113,400 221,758 515,500 21,750 551,500 65,500 1,773,975 275,500 401,155 161,250 60,458 44,139 46,763 6,262,855
Freight / Trainsportation Rig Supervision / Engineering Drill Bits	OTAL INTANGIBLES >	157,625 113,406 214,756 40,000 21,750 281,620 281,620 281,620 40,000 46,750 40,000 243,802 46,763 4,307,173 DRILLION COSTS	78,000 7,000 472,500 101,875 143,500 49,500 1,713,975 15,500 304,375 77,500 35,370 142,677 3,346,782 COMPLETION	2,000 16,000 6,000 280,000 15,000 10,000 3,000 48,940 PRODUCTION COSTS	5,000 5,000 5,000 6,480	256,525 / 113,400 221,1756 515,500 21,750 21,750 21,750 117,73,75 143,500 55,500 1,773,975 275,500 20,851 161,250 60,456 442,139 46,763 6,262,855 TOTAL
Drill Bits Drill Bits Drill Bits Drill Bits Purchase Fuel & Power Water Fuel & Power Water Fuel & Power Water Fuel & Power Water Drig & Completion Overhead Plugging & Abandonment Drig & Completion Unit, Swab, CTU Perforating, Wiretine, Silckline High Pressure Pump Truck Stimulation Flowback & Disp Insurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Living Quarters Contingency MaxCorn TO TANGIBLE COST Surface Casing Drilling Liner Production Casing Surface Pumps Ros Caring Liner Rod atring Artificial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Downhole Downhole Pumps Measurement & Meter Installat Gas Conditioning / Dehydration Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Tark / Facility Containment Fizer Stack Electrical / Grounding Communications / SaCDA Instrumentation / Safety	OTAL INTANGIBLES >	113,406 214,758 40,000 21,750 201,520 201,520 201,520 63,500 61,750 46,750 40,086 243,502 46,763 4,507,173 DRILLING COSTS 62,569 2267,750	7,000 472,500 101,875 143,500 49,550 1,773,975 15,500 57,750 394,375 77,690 35,370 142,637 142,637	2,000 16,000 6,000 280,000 15,000 10,000 3,000 48,940 PRODUCTION COSTS	5,000 5,000 5,000 6,480	7 113,400 221,756 515,550 21,759 117,675 143,500 55,500 1,773,976 275,500 401,155 161,280 60,454 44,139 46,763 6,262,855
Drill Bit Purchase Fuel & Power Water Drig & Completion Overhead Plugging & Abandonmant Directional Drilling, Surveys Completion Unit, Swab, CTU Perforating, Wiretine, Silektine High Pressure Pump Truck Stimulation Stimulation Flowback & Disp. Innurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Living Quarters Contingency MaxCom TO YANGIBLE COST Surface Casing Drilling Liner Production Casing Production Casing Production Casing Production Casing Production Casing Production Vessels Flow Lines Rod ating Artificial Lift Equipment Compressor Installation Costs Surface Pumpa Non-controllable Surface Surfac	OTAL INTANGIBLES >	214,756 40,000 21,750 281,620 281,620 281,620 85,500 81,780 46,750 40,089 243,802 46,763 4,307,173 DRILING COSTS 62,689 267,750	101.875 143.500 465.500 1,773.975 15.500 57,750 394,375 77,600 35,370 142,937 3,346,782 COMPLETION	16,000 6,000 250,000 15,000 10,000 3,000 48,940 658,340 PRODUCTION	5,000 5,000 5,000 6,460 71,060	221,758 515,530 21,759 281,520 117,875 143,550 55,500 1,773,975 275,500 20,851 181,250 401,155 127,250 60,456 442,130 46,763 6,262,855
Water Mater Drig & Completion Overhead Plugging & Abandonment Driectional Drilling, Surveys Completion Unit, Swab, CTU Perforating, Wireline, Silektine High Pressure Pump Truck Stimulation Stimulation Stimulation Stimulation Stimulation Stimulation Stimulation Stimulation Flowback & Disp Insurance Labor Rental - Surface Equipment Rental - Downhole Equipment Contingency MaxCom TO TANGHELE COST Surface Casing Intermediate Casing Drilling Liner Production Casing Production Casing Production Casing Production Casing Production Vessels Flow Lines Rod Atling Artificial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Downhole Downhole Pumps Measurement & Meter Installat Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gathering / Bulk Lunes Valves, Dumps, Controllers Tank / Facility Containment Fiare Stack Electrical / Grounding Communications / SGDA Instrumentalian / Safety	OTAL INTANGIBLES >	40,000 21,750 281,520 281,520 40,000 81,750 46,750 40,000 243,502 46,763 4,307,173 DRILLING COSTS	101.875 143.500 465.500 1,773.975 15.500 57,750 394,375 77,600 35,370 142,937 3,346,782 COMPLETION	16,000 6,000 250,000 15,000 10,000 3,000 48,940 658,340 PRODUCTION	5,000 5,000 5,000 6,460 71,060	515,550 21,750 281,520 117,875 143,500 65,5500 1,773,975 275,5500 401,155 127,250 60,458 442,139 46,763 6,262,855 TOTAL
Water Water Orig & Completion Overhead Plugging & Abandonment Directional Drilling, Surveys Completion Unit, Swab, CTU Perforating, Wireline, Silckline High Pressure Pump Truck Stimulation Stimulation Flowback & Dispinaurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Living Quarters Contingency MaxCorn TO TANGIBLE COST Surface Casing Intermediate Casing Drilling Uner Production Casing Production Casing Production Casing Production Casing Production Casing Production Casing Production Vessels Flow Lines Rod string Artificial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Durshoe Non-controllable Durshoe Mosacromet & Meter Installab Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gast Conditioning / Communications / SGDA Instrumentalian / Safety Linterumentalian / Safety	OTAL INTANGIBLES >	40,000 21,750 281,520 281,520 40,000 81,750 46,750 40,000 243,502 46,763 4,307,173 DRILLING COSTS	101.875 143.500 465.500 1,773.975 15.500 57,750 394,375 77,600 35,370 142,937 3,346,782 COMPLETION	16,000 6,000 250,000 15,000 10,000 3,000 48,940 658,340 PRODUCTION	5,000 5,000 5,000 6,460 71,060	515,550 21,750 281,520 117,875 143,500 65,5500 1,773,975 275,5500 401,155 127,250 60,458 442,139 46,763 6,262,855 TOTAL
Drig & Completion Overheed Pilugging & Abandonment Directional Drilling, Surveys Completion Unit, Swab, CTU Parforating, Wireline, Silckline High Pressure Pump Truck Stimulation Flowback & Dispinsurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Downhole Equipment Rental - Downhole Equipment Rental - Living Guszters Contingency MaxCorn TO YANGIBLE COST Surface Casing Drilling Liner Production Casing Production Liner Tubing Welthead Packers, Liner Hangera Tanks Production Vessels Flow Lines Rod string Artificial Lift Equipment Compressor Installation Costs Surface Pump Ressurement & Meter Installation Cost Surface Pumps Ressurement & Meter Installation Cost Surface Pumps Ressurement & Meter Installation Cost Surface Pumps, Controllers Tank I Facility Containment Fizer Stack Electrical / Grounding Communications / SGDA Instrumentalist of SSRDA Instrumentali	OTAL INTANGIBLES >	21,750 281,520 281,520 281,520 29,651 63,500 81,780 46,750 46,750 40,080 243,502 46,763 4,307,173 DRILING COSTS 62,669 267,750	101.875 143.500 40,550 1,773,975 15,500 57,750 304,375 77,600 35,370 142,937	16,000 6,000 250,000 15,000 10,000 3,000 48,940 658,340 PRODUCTION	5,000 5,000 5,000 6,460 71,060	21,780 261,520 117,875 143,500 55,500 1,773,975 275,500 29,851 161,280 60,456 442,139 46,763 6,262,855 TOTAL
Plugging & Abandonment Directional Drilling, Surveys Completion Unit, Swab, CTU Perforating, Wiretine, Silektine High Pressure Pump Truck Stimulation Flowback & Disp Insurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Downhole Equipment Rental - Downhole Equipment Rental - Living Questers Contingency MaxCom TO TANGIBLE COST Surface Casing Drilling Liner Production Casing Production Casing Production Casing Production Casing Production Casing Production Vessels Flow Lines Rod alring Artificial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Downhole Downhole Pumps Measurement & Meter Installab Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gathering / Bulk Lines Valvee, Dumps, Controllers Tank / Facility Containment Flare Stack Electrical / Grounding Communications / ScftQA Instrumentalish of SaftQA Instrumentalish of	OTAL INTANGIBLES >	281,520 28,551 83,500 81,760 46,750 40,088 243,802 45,763 4,307,173 DRILLING COSTS 62,689 267,750	101.875 143,500 49,550 1,773,975 15,500 57,750 394,375 77,490 35,370 142,637 3,346,782 COMPLETION	6,000 280,000 15,000 10,000 3,000 48,940 638,340 PRODUCTION COSTS	5,000 5,000 5,000 6,480 71,060	281,520 117,675 143,550 55,550 1,773,976 275,500 20,851 161,280 401,155 127,250 60,454 44,139 46,763 0,262,855
Directional Drilling, Surveys Completion Unit, Swab, CTU Perforating, Wireline, Silektine High Pressure Pump Truck Stimulation Stimulation Flowback & Diep Inneurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Living Quarters Contingency MaxCom TO YANGIBLE COST Surface Casing Intermediate Gesing Drilling Liner Production Casing Production Casing Production Casing Production Liner Tubing Active Casing Production Casing Production Vessels Flow Lines Rod atring Artificial Lift Equipment Compressor Installation Costs Surface Pumpa Non-controllable Surface Sur	OTAL INTANGIBLES >	29,651 63,560 81,760 81,760 46,750 40,080 243,802 46,763 4,307,173 DRILING COSTS 62,669 2267,750	143,500 40,500 1,773,975 15,500 57,750 304,375 77,500 35,370 142,937 3,346,782 COMPLETION	6,000 280,000 15,000 10,000 3,000 48,940 638,340 PRODUCTION COSTS	5,000 5,000 5,000 6,480 71,060	117,875 143,500 55,500 1,773,975 275,500 20,851 161,280 401,155 127,250 60,456 442,139 46,763 0,262,855
Completion Unit, Swab, CTU Perforating, Wireline, Sichline High Pressure Pump Truck Stimulation Flowback & Disp Insurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Downhole Equipment Rental - Living Guarters Contingency MaxCom TO TANGHELE COST Surface Casing Distremediate Casing Distremediate Casing Production Casing Production Casing Production Casing Production Casing Production Liner Tubling Weithead Packers, Liner Hangers Tanks Rod atring Arulhicial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Downhole Downhole Pumps Measurement & Meter Installate Gas Conditioning / Dehydration Interconnecting Facility Piping Gathering / Bulk Junes Valves, Dumps, Controllers Tank / Facility Containment Fiere Stack Electrical / Grounding Communications / Safety Instrumentalian / Safety Instrumentalian / Safety	OTAL INTANGIBLES >	29,651 63,560 81,760 81,760 46,750 40,080 243,802 46,763 4,307,173 DRILING COSTS 62,669 2267,750	143,500 40,500 1,773,975 15,500 57,750 304,375 77,500 35,370 142,937 3,346,782 COMPLETION	6,000 280,000 15,000 10,000 3,000 48,940 638,340 PRODUCTION COSTS	5,000 5,000 5,000 6,480 71,060	143,500 55,500 1,773,975 275,500 20,551 161,250 401,155 127,250 60,458 442,139 46,763 8,262,855 TOTAL
Parforating, Wireline, Silckline High Pressure Pump Truck Stimulation Stimulation Flowback & Disp Insurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Living Quarters Contingency MaxCom TO TANGIBLE COST Surface Casting Intermediate Gasing Drilling Liner Production Casting Production Casting Production Casting Production Casting Production Elner Tobing Wellines Production Vessels Flow Lines Rod string Artificial Lift Equipment Complessor Installation Costs Surface Pumps Non-controllable Burface Non-controllable Downhole Downhole Pumps Measurement & Meter Installab Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gathering / Bulk Lines Valve, Dumps, Controllers Tank / Facility Containment Fiere Stack Electrical / Grounding Communications / SGADA Instrumentalian / SSADA Instrumentalian / SSET	OTAL INTANGIBLES >	29,651 63,500 81,780 46,750 40,086 243,802 46,763 4,307,173 DRILING COSTS 62,669 267,750	49,500 1,773,975 15,500 57,750 304,375 77,500 35,370 142,937 3,346,782 COMPLETION	250,000 15,000 10,000 3,000 45,940 535,340 PRODUCTION COSTS	5,000 5,000 5,000 6,480 71,060	55,500 1,773,975 275,500 29,551 161,250 401,155 127,250 60,458 442,130 46,763 8,262,855 TOTAL
High Pressure Pump Truck Stimulation Flowback & Dispinsurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Downhole Equipment Rental - Uning Quarters Contingency MaxCom TANGEBLE COST Surface Casing District Casing Production Casing Production Casing Production Liner Tobing Wellhead Packers, Liner Hangers Tanks Production Vessels Flow Lines Rod string Artificial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Downhole Downhole Downhole Dispinsurance Installation Costs Surface Pumps Measurement & Meter Installation Costs Surface Pumps (Controllers Tank / Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Fizer Stack Electrical / Grounding Communication / Safety	OTAL INTANGIBLES >	29,651 63,500 61,750 46,750 40,086 243,802 46,763 4,307,173 DRILLING COSTS 62,689 2267,750	1,773,975 15,500 57,750 394,375 77,600 35,370 142,637 3,346,782 COMPLETION	250,000 15,000 10,000 3,000 45,940 535,340 PRODUCTION COSTS	5,000 5,000 5,000 6,480 71,060	1,773,975 275,500 29,851 161,250 401,155 127,250 60,458 442,139 46,763 6,262,855 TOTAL
Sumulation Flowback & Displanuariance Labor Rental - Surface Equipment Rental - Living Quarters Contingency MaxCom TO YANGIBLE COST Surface Casing Intermediate Casing Drilling Liner Production Casing Production Casing Production Casing Production Liner Tubing Production Liner Tubing Production Liner Hangers Tanks Production Vessels Flow Lines Rod atring Artificial Lift Equipment Compressor Installation Costs Surface Pumpa Non-controllable Downhole Downhole Pumps Measurement & Meter Installat Gas Conditioning / Dehydration Interconnecting Facility Piping Gasthering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Fiere Stack Electrical / Grounding Communications / SGDA Instrumentalist / SADA Instrumentalist / Safety	DTAL INTANGIBLES >	29,651 63,500 81,750 46,750 46,750 243,802 45,763 4,307,173 DRILLING COSTS 62,669 267,750	15,600 57,750 304,375 77,600 35,370 142,937 3,346,782 COMPLETION	15,000 10,000 3,000 45,940 659,940 PRODUCTION COSTS	5,000 5,000 6,460 71,060	275,500 20,651 161,250 401,155 127,250 60,456 442,139 46,763 8,262,855
Insurance Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Downhole Equipment Rental - Living Guartera Contingency MaxCom TO TANGIBLE COST Surface Casing Intermediate Casing Driffling Liner Production Liner Tobing Wellhead Production Liner Tobing Wellhead Production Liner Tobing Wellhead Production Vessels Frow Lines Rod atring Artiflicial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Burface Non-controllable Downhole Downhole Pumps Measurement & Meter Installab Gas Conditioning / Dehydratio- Interconnecting / Bulk Lines Valvee, Dumps, Controllers Tank / Facility Containment Fizer Stack Electrical / Grounding Communications / SADA Instrumentaling / Satey	DTAL INTANGIBLES >	63,500 61,750 46,750 40,088 243,802 46,763 4,307,173 DRILLING COSTS 62,689 267,750	57,750 304,375 77,500 35,370 142,937 3,346,782 COMPLETION	15,000 10,000 3,000 45,940 659,940 PRODUCTION COSTS	5,000 5,000 6,460 71,060	29,851 161,250 401,155 127,250 60,456 442,139 46,763 8,262,855 TOTAL
Labor Rental - Surface Equipment Rental - Downhole Equipment Rental - Living Quarters Contingency MaxCorn TO TANGIBLE COST Surface Casting Intermediate Casting Ortilling Unior Production Casting Production Casting Production Casting Production Liner Tubing Wellihead Packers, Liner Hangers Tanks Production Vessels Flow Lines Rod string Artificial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Burface Non-controllable Burface Non-controllable Downhole Downhole Pumps Measurement & Meter Installab Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gasthering / Bulk Lines Valvee, Dumps, Controllers Tank / Facility Containment Filare Stack Electrical / Grounding Communications / SGADA Instrumentalian / SSEby	DTAL INTANGIBLES >	63,500 61,750 46,750 40,088 243,802 46,763 4,307,173 DRILLING COSTS 62,689 267,750	304,375 77,500 35,370 142,937 3,346,282 COMPLETION	10,000 3,000 48,940 638,340 PRODUCTION COSTS	5,000 5,000 6,460 71,060	161,250 401,155 127,250 60,458 442,139 46,763 8,262,655
Rental - Surface Equipment Rental - Downhole Equipment Rental - Living Guartera Contingency MaxCorn TO TANGIBLE COST Surface Casing Intermediate Casing Drilling Liner Production Casing Production Casing Production Liner Tubing Wellhead Packers, Liner Hangera Tanks Production Vessels Flow Lines Rod stiring Artificial Lift Equipment Compressor Installation Costs Surface Pumpa Non-controllable Downhole Downhole Pumpa Measurement & Meter Installat Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Fiere Stack Electrical / Grounding Communications / SGDA Instrumentalist of SSGDA Instrumentalist of SSGDA Instrumentalist of SSGDA Instrumentalist of SSGDA Instrumentalist of SSEty	DTAL INTANGIBLES >	81,780 46,750 40,050 243,802 45,763 4,307,173 DRILLING COSTS 62,689 267,750	304,375 77,500 35,370 142,937 3,346,282 COMPLETION	10,000 3,000 48,940 638,340 PRODUCTION COSTS	5,000 5,000 6,460 71,060	401,155 127,250 60,458 442,139 46,763 8,262,855
Rental - Downhole Equipment Rental - Living Quarters Contingency MaxCorn TO TANGIBLE COST Surface Casing Intermediata Casing Intermediata Casing Production Casing Production Casing Production Casing Production Liner Tobing Wellhead Packers, Liner Hangers Tanks Production Vessels Flow Lines Rod alring Artificial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Downhole Downhole Downhole Pumps Measurement & Meter Installation Castering / Bulk Lines Valvee, Dumps, Controllers Tank / Facility Containment Flare Stack Electrical / Grounding Communications / SGDDA Instarturemental of SSEDA	DTAL INTANGIBLES >	46,750 40,080 243,802 46,763 4,307,173 DRILLING COSTS 62,569 267,750	77,500 35,370 142,937 3,345,282 COMPLETION	538,340 PRODUCTION COSTS	5,000 6,480 71,060	127,250 60,458 442,139 46,763 8,262,855 TOTAL
Rental - Living Quarters Contingency MaxCom TO YANGIBLE COST Surface Casing Intermediate Casing Intermediate Casing Production Vessels Fire Airch Red Atring Artificial Lift Equipment Compressor Installation Costs Surface Pumpa Non-controllable Surface Non-controllable Downhole Downhole Pumpa Measurement & Meter Installab Gas Conditioning / Dehydration Interconnecting Facility Piping Gasthering / Bulk Lines Valves, Dumpa, Controllers Tark / Facility Containment Filere Stack Electrical / Grounding Communications / SGDA Instrumentallable / Safety	DTAL INTANGIBLES >	40,088 243,802 45,763 4,307,173 DRULLING COSTS 62,669 267,750	35,370 142,937 3,346,282 COMPLETION	48,940 635,340 PRODUCTION COSTS	71,060	60.458 442,139 46.763 6,262,855 TOTAL
Contingency MaxCom TO YANGIBLE COST Surface Casing Intermediate Casing Drilling Liner Production Liner Tobing Wellhead Packers, Liner Hangera Tanks Production Vessels Flow Lines Rod string Artificial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Burface Non-controllable Downhole Downhole Pumps Measurement & Meter Installab Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gathering / Bulk Lines Valvee, Dumps, Controllers Tank / Facility Containment Flare Stack Electrical / Grounding Communications / SGDA Instrumentation / Safety	S4	243,802 45,763 4,307,173 DRULLING COSTS 62,589 267,750	142,937 3,346,282 COMPLETION	538,340 PRODUCTION COSTS	71,060	442,139 46,763 8,262,865 TOTAL
MaxCom TANGIBLE COST Surface Casting Intermediate Casting Drilling Uner Production Casting Production Casting Production Liner Tubing Wellhead Packers, Liner Hangera Tanks Production Vessels Flow Lines Rod string Artificial Lift Equipment Compressor Installation Costs Surface Pumpa Non-controllable Surface Non-controllable Surface Non-controllable Equipment Compressor Installation Costs Surface Pumpa Measurement & Meter Installab Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumpa, Controllers Tank / Facility Containment Fiare Stack Electrical / Grounding Communications / SGDA Instrumentalist / Safety	S4	45,763 4,307,173 DRILLING COSTS 62,569 267,250	3,345,282 COMPLETION	PRODUCTION COSTS	71,060	8,262,855 TOTAL
TANGIBLE COST Surface Casing Intermediate Casing Drilling Liner Production Casing Production Casing Production Liner Tubing Wellhead Packers, Liner Hangers Tanks Production Vessels Flow Lines Rod atring Artificial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Surface Non-controllable Downhole Downhole Pumps Measurement & Meter Installat Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Fiare Stack Electrical / Grounding Communications / SCADA Instrumentation / Safety	S4	DRILLING COSTS 62,689 267,250	COMPLETION	PRODUCTION COSTS	Dispositions.	TOTAL
YANGHILE COST Surface Casing Intermediate Casing Duffling Uner Production Casing Production Casing Production Liner Tubing Wellhead Packers, Liner Hangera Tanks Production Vessels Flow Lines Rod string Artificial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Surface Non-controllable Downhole Downhole Pumps Measurement & Meter Installab Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gathering / Bulk Lung Sulves, Dumps, Controllers Tank / Facility Containment Flare Stack Electrical / Grounding Communications / SGDA Instrumentalism / Safety	S4	DRILLING COSTS 62,689 267,250	COMPLETION	PRODUCTION COSTS	Dispositions.	TOTAL
Surface Casing Intermediate Casing Driffing Liner Production Casing Production Casing Production Liner Tubing Weithead Packers, Liner Hangers Tanks Production Vessels Flow Lines Rod atring Artificial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Surface Non-controllable Downhole Downhole Pumps Measurement & Meter Installate Gas Conditioning / Dehydration Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Fiare Stack Electrical / Grounding Communications / SGADA Instrumentalion / SGADA Instrumentalion / SGADA Instrumentalion / SGADA Instrumentalion / SSEty	s -	62,689 267,250	COSTS		FACILITY COSTS	COCYC
Intermediate Casing Durlling Liner Production Casing Production Casing Production Liner Tobling Wellhead Particles Liner Hangers Tanks Production Vessels Frow Lines Rod ating Artificial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Downhole Downhole Downhole Downhole Downhole Pumps Measurement & Meter Installab Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gathering / Bulk Lines Valvee, Dumps, Controllers Tank / Facility Containment Fizer Stack Electrical / Grounding Communications / SGADA Instrumentalian / SSGDA	•	267,250	\$	-		COSTA
Drilling Liner Production Casing Production Liner Tubing Weilhead Packers, Liner Hangers Tanks Production Vessels Flow Lines Rod airing Artificial Lift Equipment Compressor Installation Costs Surface Pumpa Non-controllable Surface Non-controllable Downhole Downhole Pumps Measurement & Meter Installation Gan Conditioning / Dehydration Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Fiare Stack Electrical / Grounding Communications / SCADA Instrumentation / SSROA				5	4	\$ 62,550
Production Casing Production Liner Tobing Wellhead Packers, Liner Hangers Tanks Flow Lines Flow Lines Rod aking Artificial Lift Equipment Compressor Installation Costs Surface Pumpa Non-controllable Surface Non-controllable Downhole Downhole Pumpa Measurement & Meter Installat Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Fiare Stack Electrical / Grounding Communications / SGODA Instrumentalism / SSGODA						267,250
Production Liner Tubing Wellinead Packers, Liner Hangers Tanks Production Vessels Frow Lines Rod string Artificial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Burface Non-controllable Burface Non-controllable Downhole Pumps Measurement & Meter Installation Costs Surface Pumps Measurement & Meter Installation Costs Surface Pumps Measurement & Meter Installation Cost Controllable Downhole Pumps Measurement & Meter Installation Sear Conditioning / Dehydration Interconnecting Facility Piping Gathering / Bulk Lines Valvee, Dumps, Controllers Tank / Facility Containment Fizer Stack Electrical / Grounding Communications / SGADA Instrumentalian / Safety		352,425				352,425
Tobing Wellhead Packers, Liner Hangers Tanks Production Vessels Flow Lines Rod atring Artificial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Surface Non-controllable Downhole Downhole Pumps Measurement & Meter Installat Gas Conditioning / Dehydration Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Fiare Stack Electrical / Grounding Communications / SCADA Instrumentation / SSADA Instrumentation / SSADA		407,766				407,766
Wellhead Packers, Liner Hangers Tanks Production Vessels Frow Lines Rod atring Arullicial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Burface Non-controllable Downhole Downhole Pumps Measurement & Meter Installab Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gathering / Bulk Junion Juney, Controllers Tank / Facility Containment Fizer Stack Electrical / Grounding Communications / SGADA Instrumentalion / SGADA Instrumentalion / SGADA Instrumentalion / SSEGDA		65,000		82,500		167,500
Packers, Liner Hangera Tanks Production Vessels Flow Lines Rod atring Artificial Lift Equipment Compressor Installation Costs Surface Pumpa Non-controllable Surface Non-controllable Downhole Downhole Pumpa Measurement & Meter Installat Gas Conditioning / Dehydration Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumpa, Controllers Tank / Facility Containment Flare Stack Electrical / Grounding Communications / SGADA Instrumentation / Safety	-	65,000		45,000		45,000
Tanks Production Vessels Flow Lines Rod string Artificial Lift Equipment Compressor Installation Costs Surface Pumpa Non-controllable Surface Non-controllable Downhole Downhole Pumpa Measurement & Meter Installat Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Flare Stack Electrical / Grounding Communications / SGADA Instrumentalian / Safety			56,250	5,000		61,250
Production Vessels Flow Lines Rod atring Artificial Lift Equipment Compressor Installation Costs Surface Pumpa Non-controllable Surface Non-controllable Surface Non-controllable Surface Non-controllable Surface Non-controllable Environment Common Lift Pumpa Measurement & Meter Installat Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Tark / Facility Containment Flare Stack Electrical / Grounding Communications / SGADA Instrumentalian / Safety	5				29,900	29,000
Rod string Artificial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Burface Non-controllable Downhole Downhole Pumps Measurement & Meter Installab Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gathering / Bulk Junton Tank / Facility Containment Flare Stack Electrical / Grounding Communications / SGADA Instrumentalian / Safety		28.0			119,638	110,638
Artificial Lift Equipment Compressor Installation Costs Surface Pumps Non-controllable Surface Non-controllable Downhole Downhole Pumps Measurement & Meter Installating Controllable Downhole Downhole Pumps Measurement & Meter Installating Controllable Downhole Pumps Controllable Controllable Downhole Downhol					120,000	120,000
Compressor Installation Costs Surface Pumps Non-controllable Surface Non-controllable Downhole Downhole Downhole Pumps Measurement & Meter Installations Commissioning / Dehydration Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Flare Stack Electrical / Grounding Communications / SCADA Instrumentation / Safety		-				•
Installation Costs Surface Pumpa Non-controllable Surface Non-controllable Surface Non-controllable Downhole Downhole Pumpa Measurement & Meter Installab Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Flare Stack Electrical / Grounding Communications / SGADA Instrumentallan / Safety				30,000	10.500	30,000
Surface Pumps Non-controllable Surface Non-controllable Downhole Downhole Pumps Measurement & Meter Installat Gas Conditioning / Dehydration Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Flare Stack Electrical / Grounding Communications / SCADA Instrumentation / Safety					42,500 80,000	42,500 80,000
Non-controllable Burface Non-controllable Downhole Downhole Pumps Measurement & Meter Installab Gas Conditioning / Dehydratio- Interconnecting Facility Piping Gathering / Bulk Junes Valves, Dumps, Controllers Tank / Facility Containment Flare Stack Electrical / Grounding Communications / SGADA Instrumentalion / Safety				5,000	18,250	21,250
Non-controllable Downhole Downhole Pumps Measurement & Meter Installation Gas Conditioning / Dehydration Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Flare Stack Electrical / Grounding Communications / SGADA Instrumentation / Safety	7				2,000	2,000
Downhole Pumps Measurement & Meter Installat Gas. Conditioning / Dehydration Interconnecting Facility Piping Gethering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Flare Stack Electrical / Grounding Communications / SGADA Instrumentation / Safety		-				
Measurement & Meter Installati Gas Conditioning / Dehydration Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Flare Stack Electrical / Grounding Communications / Safety Instrumentation / Safety						
Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Flare Stack Electrical / Grounding Communications / ScADA Instrumentation / Safety	ion			10,000	49,000	59,000
Gathering / Bulk Lines Valves, Dumps, Controllers Tank / Facility Containment Flare Stack Electrical / Grounding Communications / SCADA Instrumentation / Safety	0					:
Valves, Dumps, Controllers Tank If acility Containment Filare Stack Electrical I Grounding Communications I SCADA Instrumentation I Safety	1				50,000	50,000
Tank / Facility Containment Flare Stack Electrical / Grounding Communications / SCADA Instrumentation / Safety						-
Flare Stack Electrical / Grounding Communications / SCADA Instrumentation / Safety	-			2,000	7,500	2,000
Electrical / Grounding Communications / SCADA Instrumentation / Safety					13,333	7,500 13,333
Communications / SCADA Instrumentation / Safety				5,000	28,500	33,500
Instrumentation / Safety				5,000	2,500	7,500
					55,750	55,750
	TOTAL TANGIBLES >	1,195,030	55,250	189,500	616,671	2,057,651
	TOTAL COSTS >	5,502,203	3,402,532	727,640	687,931	10,320,505
					754156	TANIS CONTRACTOR
PARED BY MATADOR PRO	ODUCTION COMPA	NY:				
Drilling Engineer:	Blake Hermes	Team Lead - WTX	NM W/F			
Completions Engineer.	Garrett Hunt		WIE			
Production Engineer	Jan Mosnes					
ADOR RESOURCES COM	PANY APPROVAL:					
Exec VP & CFO		Exec VP - Res Enginee	ring	Ð	ec VP & COO - Land & Le	
	DEI.		BMR			CNA
President	DEL	Senior VP - Georgia			Exec VP & COO - Operation	
0.7	DEL		NLF			BEG
	MVH					
OPERATING PARTNER A						
	MVH					
Company Name:	MVH		Working Interest (%):		Tax	U:
<u>.</u>	MVH		Translating interest (10)			
Signed by:	MVH					
	MVH					
Title	MVH		Date:			No (mark one)
Title:	MVH		Date:	Yes		No (mark one)
	IPPROVAL:	r voe of the proper. Indees a residence of pro- perlies youther is their physical passing the co-	Date:	Yes	IFF to February specific as it provides	

MATADOR PRODUCTION COMPANY

	March 40, 2004	ESTIMATE OF COSTS A	NU AUTHORIZATION FOI	H EXPENDITURE	AEC NO.	
DATE:	March 19, 2021	212H			AFE NO.: FIELD:	
WELL NAME: LOCATION:	Weinberger Fed Com: SW4 of 30 and W2 of				MD/TVD:	19,767'/11,800'
COUNTY/STATE:	Lea, NM			LAT	TERAL LENGTH:	7,500
MRC WI:	A CONTRACTOR OF THE PROPERTY O				-	<u>"</u>
GEOLOGIC TARGET:	Wolfcamp A					
REMARKS:	Drill, complete and equ	ulp a 1.5 mile horizontal W	officamp A well with ap	proximately 42 stages		
		DRILLING	COMPLETION	PRODUCTION	FACILITY COSTS	TOTAL
INTANGIBLE and / Legal / Regulatory		COSTS 51,500	COSTS	\$ 15,000	\$ 10,000	\$ 86,500
Location, Surveys & Dan		98,000	13.000	16,000	25,000	151,000 702,000
Drilling Cementing & Ficat Equip		165,000				185,000
ogging / Formation Eva			3,000	3,000		6,000
Flowback - Labor Flowback - Surface Rent	als			9,400 122,000		8,400 122,000
Flowback - Rental Living				.		
Mud Logging Mud Circulation System		21,000 49,125				21,600 49,125
Mud & Chemicals		235,400	43,500	6,000		284,000
Mud / Wassewater Dispo- Freight / Transportation	ooi .	130,000	26,700		1,000	131,000
Rig Supervision / Éngine	enine	100,750	78,300	8,000	12,600	199,650
Drill Bits		91,400				91,400
Drill Bit Pu <i>r</i> chass Fuel & Power		137,260	7,000		-	144,268
Water		35,000	472,500	2,000	1,000	510,500
Drig & Completion Overl Plugging & Abandonmer		13,000				13,000
Directional Drilling, Surv	reys	168,020				188,020
Completion Unit, Swab, Perforating, Sit			101,875	16,000		117,675
High Pressure Pump Tri			49,500	6,000		55,500
Stimulation	Dies		1,773,976	260,000		1,773,975
Stimulation Flowback & Insurance	Disp	29,651	_			29,651
Labor		83,500 45,680	57,750 304,376	15,000	5,000	161.250 368,255
Rental - Surface Equipm Rental - Downhole Equip		38,000	77.600	3,000		118,500
Rental - Living Quarters		30,025	35,370		5,000 6,460	70,395 267,303
Contingency MaxCom		68,966 27,950	142,637	48,940	6,400	27,950
	TOTAL INTANGIBLES		3,346,282	638,340	71,050	6,323,616
TANGIBLE	COSTS	DRILLING COSTS	COMPLETION	PRODUCTION	FACILITY COSTS	COSTS
Surface Casing		82,589	5	\$		\$ 82,559
Intermediate Casing Drilling Liner		279,427				279,427
Production Casing		407,766				407,766
Production Liner Tubing		65,000		62,500		147,500
Weithead		4		45,000		45,000
Packers, Liner Hangers			68,250	\$,000	29,900	81,250 29,900
Tanks Production Versals					119,638	119,635
Flow Lines					120,000	120,000
Rod atring Artificial Lift Equipment		<u>:</u>		30,000		30,000
Compressor					42.500	42,500
Installation Costs Surface Pumps		<u>:</u>		5,000	80,000 16,250	80,000 21,250
Non-controllable Surfec				•	2,000	2,000
Non-controllable Downh Downhole Pumps	nole			· ·		<u>:</u>
Maasurement & Meter In	ustallation			10,000	49,000	59,000
Gas Conditioning / Dehy	dration			•	50,000	50,000
Interconnecting Facility Gathering / Bulk Lines	en/ing				50,000	
Valves, Dumps, Control				2,000	7,500	2,000
Tank / Facility Containm Finns Stack	ient			·	13,333	7,500
Electrical / Grounding				5,000	28,500	33,500
Communications / SCAL Instrumentation / Safety				5,000	2,500 55,750	7,560 55,750
menoment when y	TOTAL TANGIBLES	834,783	56,250	189,500	516,871	1,697,403
	TOTAL COSTS	3,202,617	3,402,532	727,640	687,931	8,020,919
PARED BY MATADO	R PRODUCTION COMP	ANY:				
Drilling Engine	er. Blake Hermes	Team Lead - WTX/	NM WIF			
Completions Engine	er: Garrett Hunt		WTE			
Production Engine	er, Jen Mosnes					
ADOR RESOURCES	COMPANY APPROVAL					
Exec VP & C	FO	Exec. VP - Res Engineer	ing	E	xec VP & COO - Land & L	8 9 8
	DEL		BAR			CNA
Preside	MVH MVH	Senior VP - Geoscies	NLF		Exec VP & COO - Operat	BEG
	m v f i	_	, 427			525
OPERATING PARTI	NER APPROVAL:					
Company Nan	ne:		Working Interest (%):		Tau	(ID:
Signed	by;		Date:			

AFE - Version 4

EXHIBIT C-5

Summary of Communications (Weinberger)

Unleased Mineral Owner:

1. Cameron H. Morrow

In addition to sending well proposals, Matador has had discussions with Cameron H. Morrow regarding his interest and we are continuing to discuss voluntary joinder.

2. Ethan Clay Upshaw

In addition to sending well proposals, Matador has had discussions with Cameron H. Morrow (a representative of Ethan Clay Upshaw) regarding Ethan Clay Upshaw's interest and we are continuing to discuss voluntary joinder.

3. Joyce Marie Thomson

In addition to sending well proposals, Matador has had discussions with Cameron H. Morrow (a representative of Joyce Marie Thomson) regarding Joyce Marie Thomson's interest and we are continuing to discuss voluntary joinder.

4. Michael Harrison Moore

In addition to sending well proposals, Matador has had discussions with Michael Harrison Moore regarding their interest and continue to discuss voluntary joinder.

5. OXY USA WTP, LP

In addition to sending well proposals, Matador has had discussions with OXY USA WTP, LP regarding their interest and continue to discuss voluntary joinder.

6. Russel Lynn Porter

In addition to sending well proposals, Matador has had discussions with Cameron H. Morrow (a representative of Russel Lynn Porter) regarding Russel Lynn Porter's interest and we are continuing to discuss voluntary joinder.

7. Pheasant Energy, LLC

In addition to sending well proposals, Matador has had discussions with Pheasant Energy, LLC regarding their interest and continue to discuss voluntary joinder.

8. Solon Grant Upshaw

In addition to sending well proposals, Matador has had discussions with Cameron H. Morrow (a representative of Solon Grant Upshaw) regarding Solon Grant Upshaw's interest and we are continuing to discuss voluntary joinder.

9. TROG Fund II, LP

In addition to sending well proposals, Matador has had discussions with TROG Fund II, LP regarding their interest and continue to discuss voluntary joinder.

BEFORE THE OIL CONSERVATION

DIVISION
Santa Fe, New Mexico
Exhibit No. C5
Submitted by: MATADOR
PRODUCTION COMPANY
Hearing Date: November 04, 2021
Case Nos. 22269-22272

10. F3 Criterion Minerals, LP

In addition to sending well proposals, Matador has had discussions with F3 Criterion Minerals, LP regarding their interest and continue to discuss voluntary joinder.

11. Tower Rock Royalties TWO, LP

In addition to sending well proposals, Matador has had discussions with Tower Rock Royalties TWO, LP regarding their interest and continue to discuss voluntary joinder.

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

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

CASE NOS. 22269, 22270, 22271, and 22272

AFFIDAVIT OF ANDREW PARKER

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

- 1. My name is Andrew Parker and I am employed by 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. I am familiar with the applications filed by Matador in these consolidated cases and have conducted a geologic study of the lands in the subject area.
- 3. **Matador Exhibit D-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. 22269 and 22270

- 4. The target interval for the initial wells in these proposed spacing units is the Third Bone Spring sand of the Bone Spring formation.
- 5. **Matador Exhibit D-2** is a subsea structure map that I prepared for the top of the Bone Spring formation. The contour interval is 50 feet. The structure map shows the Bone Spring formation gently dipping to the west. The structure appears consistent across the proposed spacing unit and I do not observe any faulting, pinch outs, or other geologic impediments to horizontal drilling.
 - 6. Also included on Matador Exhibit D-2 is a line of cross section from A to A'.

BEFORE THE OIL
CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. D
Submitted by: MATADOR
PRODUCTION COMPANY
Hearing Date: November 04, 2021
Case Nos. 22269-22272

- 7. **Matador Exhibit D-3** is a structural cross-section that I prepared displaying openhole logs run over the Bone Spring formation from the three representative wells denoted from A to A'. For each well in the cross-section, the following logs are included, when available: gamma ray, caliper, resistivity, and porosity. The proposed target interval 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 interval, within the Bone Spring formation, is consistent in thickness across the entirety of the proposed spacing unit.
- 8. 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.
- 9. In my opinion, each quarter-quarter section will be productive and contribute moreor-less equally to production from each respective horizontal spacing unit.
- 10. 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.
- 11. Approving Matador's applications will be in the best interest of conservation, the prevention of waste, and protection of correlative rights.

Case Nos. 22271 and 22272

- 12. The target interval for the initial wells in these proposed spacing units is the Wolfcamp A formation.
- 13. **Matador Exhibit D-4** is a subsea structure map that I prepared for the top of the Wolfcamp formation. The contour interval is 50 feet. The structure map shows the Wolfcamp formation gently dipping to the west-southwest. The structure appears consistent across the

proposed spacing unit and I do not observe any faulting, pinch outs, or other geologic impediments to horizontal drilling.

- 14. Also included on Matador Exhibit D-2 is a line of cross section from A to A'.
- 15. **Matador Exhibit D-5** is a structural cross-section that I prepared displaying openhole logs run over the Wolfcamp formation from two of the three representative wells denoted from A to A' there were not logs from the Wolfcamp formation available for the third of the three wells. For each well in the cross-section, the following logs are included, when available and for the depths available: gamma ray, caliper, resistivity, and porosity. The proposed target interval 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 interval, within the Wolfcamp formation, is consistent in thickness across the entirety of the proposed spacing unit.
- 16. 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.
- 17. In my opinion, each quarter-quarter section will be productive and contribute moreor-less equally to production from each respective horizontal spacing unit.
- 18. 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.
- 19. Approving Matador's applications will be in the best interest of conservation, the prevention of waste, and protection of correlative rights.
- 20. **Matador Exhibits D-1 through 5** were either prepared by me or compiled under my direction and supervision.

FURTHER AFFIANT SAYETH NOT

ANDREW PARKER

STATE OF TEXAS

COUNTY OF DAILAS

SUBSCRIBED and SWORN to before me this 20st day of October 2021 by Andrew Parker.

CASSIE HAHN
My Notary ID # 130114393
Expires February 21, 2023

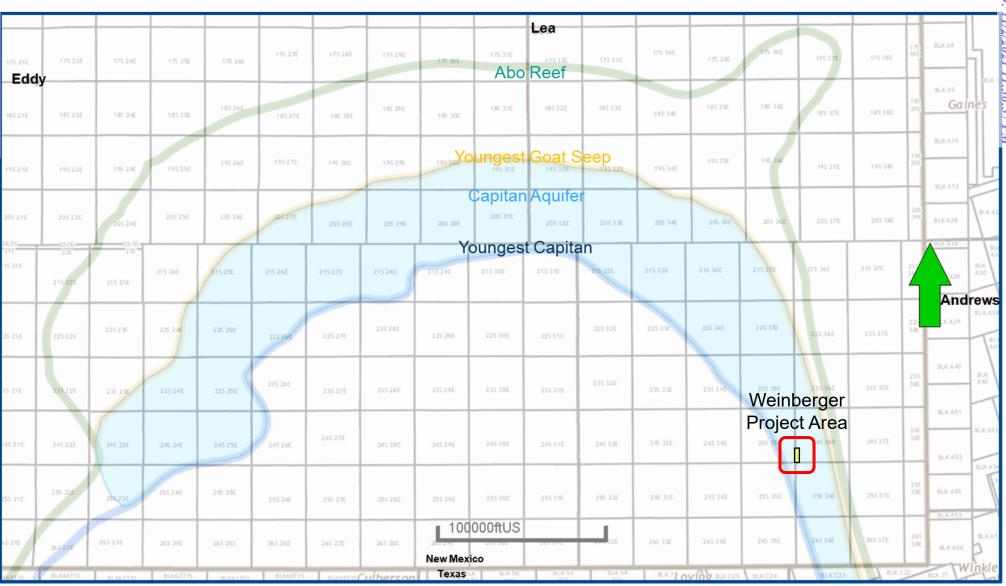
NOTARY PUBLIC

My Commission Expires:

2/21/2023

Locator Map

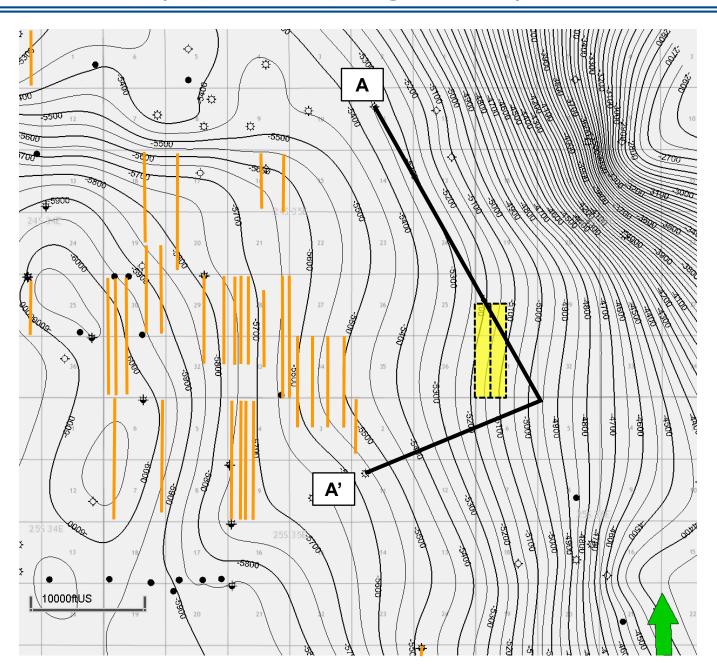
Exhibit D-1



BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. D1
Submitted by: MATADOR PRODUCTION COMPANY
Hearing Date: November 04, 2021
Case Nos. 22269-22272

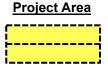


WC-025 G-08 S253534O;BONE SPRING [97088] Exhibit D-2 Structure Map (Top Bone Spring Subsea) A – A' Reference Line



Map Legend

Third Bone Spring Wells



<u>C. I. = 50'</u>

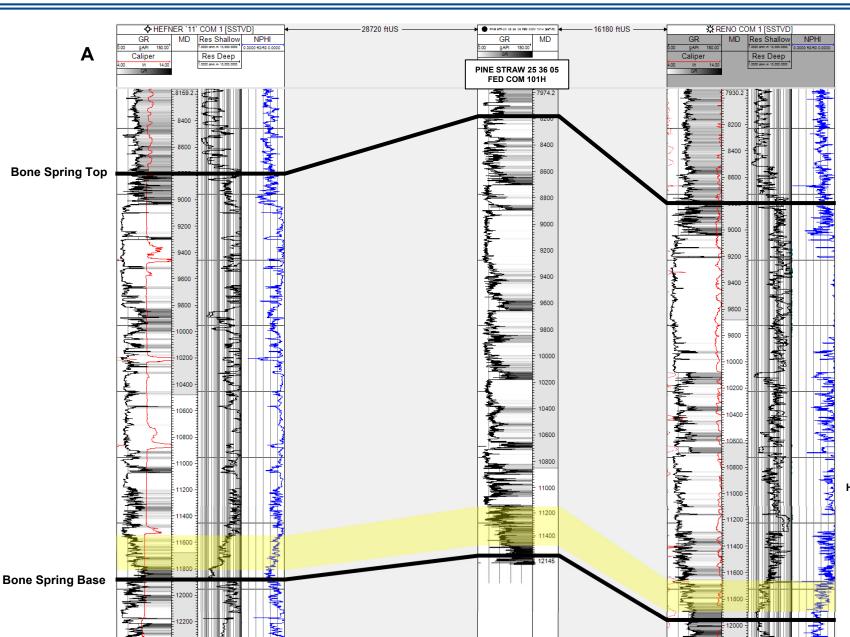
BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. D2
Submitted by: MATADOR PRODUCTION
COMPANY

Hearing Date: November 04, 2021 Case Nos. 22269-22272



WC-025 G-08 S253534O;BONE SPRING [97088] Structural Cross-Section A – A'

Exhibit D-3 Received.



A'

BEFORE THE OIL
CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. D3
Submitted by: MATADOR
PRODUCTION COMPANY
Hearing Date: November 04,
2021

Case Nos. 22269-22272

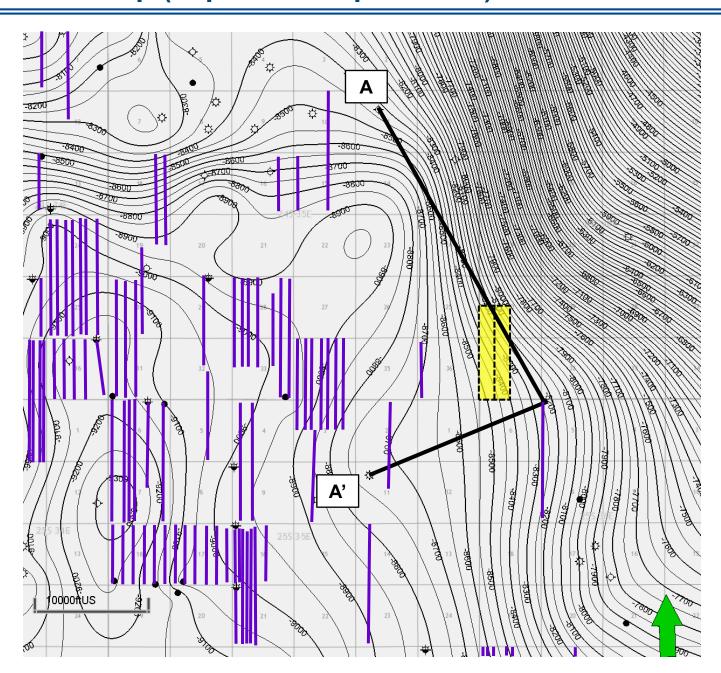
Weinberger #135H and #136H Target



JAL; WOLFCAMP, WEST [33813] Structure Map (Top Wolfcamp Subsea)

Exhibit D-4 Received.

Structure Map (Top Wolfcamp Subsea) A – A' Reference Line



Map Legend

Wolfcamp Wells

Project Area



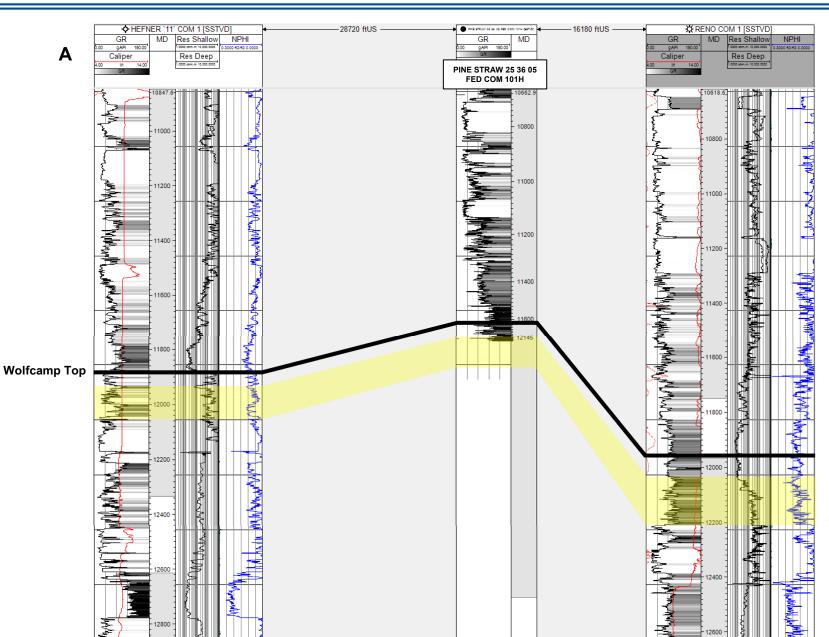
C. I. = 50'

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. D4
Submitted by: MATADOR PRODUCTION
COMPANY
Hearing Date: November 04, 2021
Case Nos. 22269-22272



JAL; WOLFCAMP, WEST [33813] Structural Cross-Section A - A'

Exhibit D-5 Received



A'

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. d5 Submitted by: MATADOR PRODUCTION COMPANY **Hearing Date: November** 04, 2021 Case Nos. 22269-22272

Weinberger #211H and #212H Target



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

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

CASE NOS. 22269, 22270, 22271, and 22272

AFFIDAVIT

STATE OF NEW MEXICO)
) ss
COUNTY OF SANTA FE)

Kaitlyn A. Luck, attorney in fact and authorized representative of Matador Production Company, the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Applications have been provided under the notice letters and proof of receipts attached hereto.

Kaitlyn A. Luck

SUBSCRIBED AND SWORN to before me this 2nd day of November, 2021 by Kaitlyn A. Luck.

My Commission Expires:

Nov. 12, 2023

OFFICIAL SEAL
Carla Garcia
NOTARY PUBLIC - STATE OF NEW MEXICO

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico

Exhibit No. E
Submitted by: MATADOR
PRODUCTION COMPANY

Hearing Date: November 04, 2021 Case Nos. 22269-22272



October 15, 2021

VIA CERTIFIED MAIL CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Matador Production Company for compulsory pooling,

Lea County, New Mexico.

Weinberger Fed Com #135H well

Ladies & Gentlemen:

This letter is to advise you that Matador Production Company has filed the enclosed application with the New Mexico Oil Conservation Division.

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 November 4, 2021 beginning at 8:15 a.m., until it is concluded. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: https://www.emnrd.nm.gov/ocd/hearing-info/.

You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date. Parties appearing in cases are required by Division Rule 19.15.4.13.B to file a Pre-hearing Statement four business days in advance of a scheduled hearing. This statement must be filed online or in person at the Division's Santa Fe office and should include: the names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact David Johns, at (972) 619-1259 or djohns@matadorresources.com.

Sincerely,

Kaitlyn A. Luck

ATTORNEY FOR MATADOR PRODUCTION



October 15, 2021

VIA CERTIFIED MAIL CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Matador Production Company for compulsory pooling,

Lea County, New Mexico.

Weinberger Fed Com #136H well

Ladies & Gentlemen:

This letter is to advise you that Matador Production Company has filed the enclosed application with the New Mexico Oil Conservation Division.

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 November 4, 2021 beginning at 8:15 a.m., until it is concluded. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: https://www.emnrd.nm.gov/ocd/hearing-info/.

You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date. Parties appearing in cases are required by Division Rule 19.15.4.13.B to file a Pre-hearing Statement four business days in advance of a scheduled hearing. This statement must be filed online or in person at the Division's Santa Fe office and should include: the names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact David Johns, at (972) 619-1259 or djohns@matadorresources.com.

Sincerely,

Kaitlyn A. Luck

ATTORNEY FOR MATADOR PRODUCTION



October 15, 2021

VIA CERTIFIED MAIL CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Matador Production Company for compulsory pooling,

Lea County, New Mexico.

Weinberger Fed Com #211H well

Ladies & Gentlemen:

This letter is to advise you that Matador Production Company has filed the enclosed application with the New Mexico Oil Conservation Division.

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 November 4, 2021 beginning at 8:15 a.m., until it is concluded. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: https://www.emnrd.nm.gov/ocd/hearing-info/.

You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date. Parties appearing in cases are required by Division Rule 19.15.4.13.B to file a Pre-hearing Statement four business days in advance of a scheduled hearing. This statement must be filed online or in person at the Division's Santa Fe office and should include: the names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact David Johns, at (972) 619-1259 or djohns@matadorresources.com.

Sincerely,

Kaitlyn A. Luck

ATTORNEY FOR MATADOR PRODUCTION



October 15, 2021

VIA CERTIFIED MAIL CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Matador Production Company for compulsory pooling,

Lea County, New Mexico.

Weinberger Fed Com #212H well

Ladies & Gentlemen:

This letter is to advise you that Matador Production Company has filed the enclosed application with the New Mexico Oil Conservation Division.

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 November 4, 2021 beginning at 8:15 a.m., until it is concluded. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: https://www.emnrd.nm.gov/ocd/hearing-info/.

You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date. Parties appearing in cases are required by Division Rule 19.15.4.13.B to file a Pre-hearing Statement four business days in advance of a scheduled hearing. This statement must be filed online or in person at the Division's Santa Fe office and should include: the names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact David Johns, at (972) 619-1259 or djohns@matadorresources.com.

Sincerely,

Kaitlyn A. Luck

ATTORNEY FOR MATADOR PRODUCTION

Matador_Weinberger 135H-136H, 211H-212H Case Nos. 22269-22272 Postal Delivery Report

TrackingNo	ToName	DeliveryAddress	City	State	Zip	USPS_Status
						Your item was delivered to an individual at the address at 5:48
9414811898765850502852	Cameron H. Morrow and wife, Vicky L. Morrow	30393 Oak Grove Rd	Paola	KS	66071-8454	pm on October 21, 2021 in PAOLA, KS 66071.
						Your item was delivered at 7:44 am on October 18, 2021 in
9414811898765850502760	TROG Fund II, LP	PO Box 5746	Austin	TX	78763-5746	AUSTIN, TX 78703.
						Your item was delivered at 7:44 am on October 18, 2021 in
9414811898765850502708	F3 Criterion Minerals, LP	PO Box 5746	Austin	TX	78763-5746	AUSTIN, TX 78703.
						Your item was delivered at 7:43 am on October 28, 2021 in
9414811898765850502791	Tower Rock Royalties TWO, LP	PO Box 5746	Austin	TX	78763-5746	AUSTIN, TX 78703.
						Your item was delivered to an individual at the address at 2:17
9414811898765850502746	Starboard	4128 Bryn Mawr Dr	Dallas	TX	75225-6736	pm on October 18, 2021 in DALLAS, TX 75225.
						Your item was delivered at 11:34 am on October 18, 2021 in
9414811898765850502784	Max Permian, LLC	PO Box 9287	Salt Lake City	UT	84109-0287	SALT LAKE CITY, UT 84109.
						Your item was delivered to an individual at the address at
9414811898765850502777	Incline Permian, LLC	830 Taylor St	Fort Worth	TX	76102-6123	12:22 pm on October 18, 2021 in FORT WORTH, TX 76102.
						Your item arrived at the Post Office at 7:47 am on October 22,
9414811898765850502869	Ethan Clay Upshaw	3421 West Bramlet Dr.	Conroe	TX	77304	2021 in CONROE, TX 77301.
						Your item was delivered to an individual at the address at 1:14
9414811898765850502821	Joyce Marie Thomson	2946 Glen Heather Drive	San Jose	CA	95133	pm on October 19, 2021 in SAN JOSE, CA 95133.
						Your item was delivered to the front desk, reception area, or
						mail room at 2:28 pm on October 18, 2021 in DALLAS, TX
9414811898765850502890	Meridian 102, LP	16400 Dallas Pkwy Ste 400	Dallas	TX	75248-2643	75248.
						Your item has been delivered and is available at a PO Box at
9414811898765850502883	Michael Harrison Moore	PO Box 51570	Midland	TX	79710-1570	10:02 am on October 21, 2021 in MIDLAND, TX 79705.
						Your item has been delivered to an agent for final delivery in
9414811898765850502838	OXY USA WTP, LP	5 Greenway Plz Ste 110	Houston	TX	77046-0521	HOUSTON, TX 77046 on October 18, 2021 at 11:30 am.
						Your item was delivered at 10:32 am on October 26, 2021 in
9414811898765850502876	Russell Lynn Porter	PO Box 375	Naturita	СО	81422-0375	NATURITA, CO 81422.
						Your item was delivered at 9:29 am on October 18, 2021 in
9414811898765850502715	Pheasant Energy, LLC	PO Box 471458	Fort Worth	TX	76147-1458	FORT WORTH, TX 76147.
						This is a reminder to arrange for redelivery of your item or
9414811898765850502753	Solon Grant Upshaw	2031 Doolan Dr	Conroe	TX	77301-4105	your item will be returned to sender.

STATE OF NEW MEXICO COUNTY OF LEA

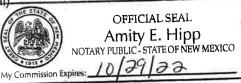
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

> Beginning with the issue dated October 24, 2021 and ending with the issue dated October 24, 2021.

Sworn and subscribed to before me this 24th day of October 2021.

My commission expires October 29, 2022

(Seal)



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL NOTICE October 24, 2021

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

The State of New Mexico, Energy Minerals and Natural Resources Department, Oil Conservation Division ("Division") hereby gives notice that the Division will hold public hearings before a hearing examiner on the following case. During the COVID-19 Public Health Emergency, state buildings are closed to the public and Division hearings will be conducted remotely. The public hearing for the following case will be electronic and conducted remotely. The hearing will be conducted on Thursday, November 4, 2021, beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted below. The docket may be viewed at https://www.emnrd.nm.gov/ocd/hearing-info/ or obtained from Marlene Salvidrez, at Marlene Salvidrez@state.nm.us. Documents filed in the case may be viewed at http://ocdimage.emnrd.state.nm.us/imaging/CaseFileCriteria.aspx. If you are an individual with a disability who needs a reader, amplifier, qualified sign language interpreter, or form of auxiliary aid or service to attend or participate in a hearing, contact Marlene Salvidrez at Marlene Salvidrez@state.nm.us, or the New Mexico Relay Network at 1-800-659-1779, no later than October 24, 2021.

Persons may view and participate in the hearings through the following link:

https://nmemnrd.webex.com/nmemnrd/onstage/g.php?MTID=e12bd776b32e14edf7deee3425ea99347 Event number: 2497 665 1056 Event password: JYvf8wjp55w

Join by video: 24976651056@nmemnrd.webex.com Numeric Password: 256526 You can also dial 173.243.2.68 and enter your meeting number

Join by audio: 1-844-992-4726 United States Toll Free Access code: 2497 665 1056

STATE OF NEW MEXICO TO: All named parties and persons having any right, title, interest or claim in the following case and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

To: All overriding royalty interest owners and pooled parties, including: Cameron H. Morrow and wife, Vicky L. Morrow, their heirs and devisees; Ethan Clay Upshaw, his heirs and devisees; Joyce Marie Thomson, her heirs and devisees; Meridian 102, LP; Michael Harrison Moore, his heirs and devisees; OXY USA WTP, LP; Russell Lynn Porter, his heirs and devisees; Pheasant Energy, LLC; Solon Grant Upshaw, his heirs and devisees; TROG Fund II, LP; F3 Criterion Minerals, LP; Tower Rock Royalties TWO, LP; Starboard; Max Permian, LLC; and Incline Permian, LLC.

Case No. 22269: Application of Matador Production Company for compulsory pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 240-acre, more or less, horizontal spacing unit comprised of the W/2 SW/4 of Section 30 and W/2 W/2 of Section 31, Township 24 South, Range 36 East, NMPM, Lea County, New Mexico. The above-referenced unit will be dedicated to the proposed initial Weinberger Fed Com #135H well, to be drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 30, to a bottom hole location in the SW/4 SW/4 (Unit M) of said Section 31. The completed interval of the well will comply with statewide setbacks for oil wells. Also to be considered will be the cost of drilling and completing the well, the allocation of the cost thereof, as well as actual operating costs and charges for supervision, the designation of applicant as operator, and a 200% charge for risk involved in drilling and completing the well. Said area is located approximately 7 miles north of Jal, New Mexico.

67100754

HOLLAND & HART LLC PO BOX 2208 SANTA FE, NM 87504-2208 00259800

BEFORE THE OIL CONSERVATION **DIVISION** Santa Fe, New Mexico Exhibit No. F Submitted by: MATADOR PRODUCTION **COMPANY** Hearing Date: November 04, 2021 Case Nos. 22269-22272

STATE OF NEW MEXICO COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

> Beginning with the issue dated October 24, 2021 and ending with the issue dated October 24, 2021.

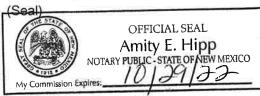
Publisher

Sworn and subscribed to before me this 24th day of October 2021.

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Circulation Clerk (

My commission expires October 29, 2022



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

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LEGAL NOTICE October 24, 2021

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

The State of New Mexico, Energy Minerals and Natural Resources Department, Oil Conservation Division ("Division") hereby gives notice that the Division will hold public hearings before a hearing examiner on the following case. During the COVID-19 Public Health Emergency, state buildings are closed to the public and Division hearings will be conducted remotely. The public hearing for the following case will be electronic and conducted remotely. The hearing will be conducted on Thursday, November 4, 2021, beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted below. The docket may be viewed at https://www.emnrd.nm.gov/ocd/hearing-info/ or obtained from Marlene Salvidrez, at Marlene.Salvidrez@state.nm.us. Documents filed in the case may be viewed at http://ocdimage.emnrd.state.nm.us/imaging/CaseFileCriteria.aspx. If you are an individual with a disability who needs a reader, amplifier, qualified sign language interpreter, or other form of auxiliary aid or service to attend or participate in a hearing, contact Marlene Salvidrez at Marlene.Salvidrez@state.nm.us, or the New Mexico Relay Network at 1-800-659-1779, no later than October 24, 2021.

Persons may view and participate in the hearings through the following link:

https://nmemnrd.webex.com/nmemnrd/onstage/g.php?MTID=e12bd776b32e14edf7deee3425ea99347

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Join by video: 24976651056@nmemnrd.webex.com

Numeric Password: 256526

You can also dial 173.243.2.68 and enter your meeting number

Join by audio: 1-844-992-4726 United States Toll Free

Access code: 2497 665 1056

STATE OF NEW MEXICO TO: All named parties and persons having any right, title, interest or claim in the following case and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

To: All overriding royalty interest owners and pooled parties, including: Cameron H. Morrow and wife, Vicky L. Morrow, their heirs and devisees; Ethan Clay Upshaw, his heirs and devisees; Joyce Marie Thomson, her heirs and devisees; Meridian 102, LP; Michael Harrison Moore, his heirs and devisees; OXY USA WTP, LP; Russell Lynn Porter, his heirs and devisees; Pheasant Energy, LLC; Solon Grant Upshaw, his heirs and devisees; TROG Fund II, LP; F3 Criterion Minerals, LP; Tower Rock Royalties TWO, LP; Starboard; Max Permian, LLC; and Incline Permian, LLC.

Case No. 22270: Application of Matador Production Company for compulsory pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 240-acre, more or less, horizontal spacing unit comprised of the E/2 SW/4 of Section 30 and E/2 W/2 of Section 31, Township 24 South, Range 36 East, NMPM, Lea County, New Mexico. The above-referenced unit will be dedicated to the proposed initial Weinberger Fed Com #136H weil, to be drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 30, to a bottom hole location in the SE/4 SW/4 (Unit N) of said Section 31. The completed interval of the well will comply with statewide setbacks for oil wells. Also to be considered will be the cost of drilling and completing the well, the allocation of the cost thereof, as well as actual operating costs and charges for supervision, the designation of applicant as operator, and a 200% charge for risk involved in drilling and completing the well. Said area is located approximately 7 miles north of Jal, New Mexico. #36961

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HOLLAND & HART LLC PO BOX 2208 SANTA FE, NM 87504-2208

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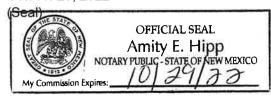
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Case No. 22271: Application of Matador Production Company for compulsory pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 240-acre, more or less, horizontal spacing unit comprised of the W/2 SW/4 of Section 30 and W/2 W/2 of Section 31, Township 24 South, Range 36 East, NMPM, Lea County, New Mexico. The above-referenced unit will be dedicated to the proposed initial Weinberger Fed Com#211H well, to be drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 30, to a bottom hole location in the SW/4 SW/4 (Unit M) of said Section 31. The completed interval of the well will comply with statewide setbacks for oil wells. Also to be considered will be the cost of drilling and completing the well, the allocation of the cost thereof, as well as actual operating costs and charges for supervision, the designation of applicant as operator, and a 200% charge for risk involved in drilling and completing the well. Said area is located approximately 7 miles north of Jal, New Mexico.

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STATE OF NEW MEXICO COUNTY OF LEA

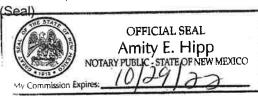
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Case No. 22272: Application of Matador Production Company for compulsory pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 240-acre, more or less, horizontal spacing unit comprised of the E/2 SW/4 of Section 30 and E/2 W/2 of Section 31, Township 24 South, Range 36 East, NMPM, Lea County, New Mexico. The above-referenced unit will be dedicated to the proposed initial Weinberger Fed Com #212H well, to be drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 30, to a bottom hole location in the SE/4 SW/4 (Unit N) of said Section 31. The completed interval of the well will comply with statewide setbacks for oil 31. The completed interval of the well will comply with statewide setbacks for oil wells. Also to be considered will be the cost of drilling and completing the well, the allocation of the cost thereof, as well as actual operating costs and charges for supervision, the designation of applicant as operator, and a 200% charge for risk involved in drilling and completing the well. Said area is located approximately 7 miles north of Jal, New Mexico.

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