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

APPLICATION OF APACHE CORPORATION

CASE NO. 21837

FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

APPLICATION OF APACHE CORPORATION

CASE NO. 21838

FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

APPLICATION OF APACHE CORPORATION

CASE NO. 21839

FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

APPLICATION OF APACHE CORPORATION

CASE NO. 21840

FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

Examiner Docket: October 21, 2021

APACHE EXHIBITS

Camacho 25-26 State Com 201H, 301H Camacho 25-26 State Com 202H, 302H Camacho 25-26 State Com 203, 303H Camacho 25-26 State Com 204H, 304H



Earl E. DeBrine, Jr. Deana M. Bennett Jamie L. Allen

MODRALL SPERLING

500 Fourth Street NW, Suite 1000 P. O. Box 2168 / Albuquerque, NM 87103 Telephone 505.848.1800

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

APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING,

CASE NO. 21837

EDDY COUNTY, NEW MEXICO

APPLICATION OF APACHE CORPORATION

CASE NO. 21838

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APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, **EDDY COUNTY, NEW MEXICO**

CASE NO. 21840

Camacho 25-26 State Com 201H, 301H Camacho 25-26 State Com 202H, 302H Camacho 25-26 State Com 203, 303H Camacho 25-26 State Com 204H, 304H

Tab A: Compulsory Pooling Application Checklists (4 Checklists)

Tab B: Declaration of Blake Johnson

Exhibit 1 **Applications**

Exhibit 2 C-102s

Exhibit 3 Tract Map with WIs and List of ORRIs

Exhibit 4 Summary of Contacts

Exhibit 5 Sample Proposal Letter

Authorizations for Expenditures Exhibit 6

Notice Affidavit Exhibit 7

Tab C: Declaration of Drew Chenoweth

Gun Barrel Diagram Exhibit 8

Exhibit 9 Regional Locator Map

Second Bone Spring Geology Study (200 Series Wells) Exhibit 10 Third Bone Spring Geology Study (300 Series Wells) Exhibit 11

Exhibit 12 Resume

> Earl E. DeBrine, Jr. Deana M. Bennett Jamie L. Allen

MODRALL SPERLING

500 Fourth Street NW, Suite 1000 P. O. Box 2168 / Albuquerque, NM 87103 Telephone 505.848.1800

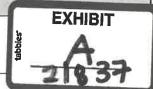
ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 21837	APPLICANT'S RESPONSE
Date: 10/19/2021	
Applicant	Apache Corporation
Designated Operator & OGRID (affiliation if applicable)	Apache Corporation (OGRID 873)
Applicant's Counsel:	Modrall Sperling
Case Title:	APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO, CASE NO. 21837
Entries of Appearance/Intervenors:	COG Operating and Concho Oil and as (now ConocoPhillips) & Colgate
Well Family	Camacho 25-26
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring Formation
Pool Name and Pool Code:	Winchester; Bone Spring, West (97569)
Well Location Setback Rules:	Latest Statewide Horizontal Rules Apply
Spacing Unit Size:	320 acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320 acres
Building Blocks:	Quarter Quarter Sections
Orientation:	East to West
Description: TRS/County	N/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	N
Proximity Tracts: If yes, description	N
Proximity Defining Well: if yes, description	N
Applicant's Ownership in Each Tract	Exhibit B.3
Well(s)	See Eyhibite P. 2 for C. 103s EXHIBIT
Name & API (if assigned), surface and bottom hole location,	See Exhibits B.2 for C-102s

Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status EXAMINER HEARING 10-21-21

(standard or non-standard) Released to Imaging: 10/20/2021 7:21:59 AM

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Received by OCD: 10/19/2021 5:22:30 PM	Page 4 c
Well #1	Camacho 25-26 State Com 201H, API No. (Do not have yet) SHL: 700 feet from the North line and 445 feet from the East line, (Unit A) of Section 25, Township 19 North, Range 27 East, NMPM. BHL: 330 feet from the North line and 50 feet from the West line, (Unit D) of Section 26, Township 19 North, Range 27 East, NMPM. Completion Target: 2nd Bone Spring Sand at approx 7030 feet TVD.
Well #2	Well Orientation: East to West Camacho 25-26 State Com 301H, API No. (Do not have yet) SHL: 730 feet from the North line and 445 feet from the East line, (Unit A) of Section 25, Township 19 North, Range 27 East, NMPM. BHL: 370 feet from the North line and 50 feet from the West line,
Horizontal Well First and Last Take Points	(Unit D) of Section 26, Township 19 North, Range 27 East, NMPM.Completion Target: 3rd Bone Spring Sand at approx 8310 feet TVD.Well Orientation: East to WestExhibit B.2
Completion Target (Formation, TVD and MD)	See Proposal Letter Exhibit B.5.
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8000: See also Proposal Letter Exhibit B.5
Production Supervision/Month \$	\$800: See also Proposal Letter Exhibit B.5
Justification for Supervision Costs	See AFEs Exhibits B.6
Requested Risk Charge	200%: See also Proposal Letter Exhibit B.5
Notice of Hearing	
Proposed Notice of Hearing	Exhibit B.7
	Exhibit B.7
Proof of Mailed Notice of Hearing (20 days before hearing)	
Proof of Mailed Notice of Hearing (20 days before hearing) Proof of Published Notice of Hearing (10 days before hearing)	Exhibit B.7

Tract List (including lease numbers and owners)	Exhibit B.3
Pooled Parties (including ownership type)	Exhibit B.3
Unlocatable Parties to be Pooled	Exhibit B.3; B.7
Ownership Depth Severance (including percentage above & b	elo N/A
Joinder	
Sample Copy of Proposal Letter	Exhbit B.6
List of Interest Owners (ie Exhibit A of JOA)	Exhibit B.3
Chronology of Contact with Non-Joined Working Interests	See Exhibit B.4 for Summary of Contacts
Overhead Rates In Proposal Letter	Proposal Letter Exhibit B.5
Cost Estimate to Drill and Complete	Proposal Letter Exhibit B.5; AFE Exhibit B.6
Cost Estimate to Equip Well	Proposal Letter Exhibit B.5; AFE Exhibit B.6
Cost Estimate for Production Facilities	Proposal Letter Exhibit B.5; AFE Exhibit B.6
Geology	
Summary (including special considerations)	Tab C
Spacing Unit Schematic	Exhibit C.8
Gunbarrel/Lateral Trajectory Schematic	Exhibit C.8
Well Orientation (with rationale)	Exhibit C, Paragraph 20
Target Formation	Exhibit C.8, Exhibits C.10 and C.11
HSU Cross Section	Exhibits C.10D/E and C.11D/E
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibits B.2
Tracts	Exhibit B.3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit B.3
General Location Map (including basin)	Exhibit C.9
Well Bore Location Map	Exhibits C.10A and C.11A
Structure Contour Map - Subsea Depth	Exhibits C.10B and C.11B
Cross Section Location Map (including wells)	Exhibits C.10A and C.11A
Cross Section (including Landing Zone)	Exhibits C.10D/E and C.11D/E
Additional Information	

Printed Name (Attorney or Party Representative):	Deana M. Bennett
Signed Name (Attorney or Party Representative):	Deau Gonos
Date:	October 19, 2021

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Case: 21838	APPLICANT'S RESPONSE
Date: 10/19/2021	
Applicant	Apache Corporation
Designated Operator & OGRID (affiliation if applicable)	Apache Corporation (OGRID 873)
Applicant's Counsel:	Modrall Sperling
Case Title:	APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO, CASE NO. 21838
Entries of Appearance/Intervenors:	COG Operating and Concho Oil and as (now ConocoPhillips) & Colgate
Well Family	Camacho 25-26
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring Formation
Pool Name and Pool Code:	Winchester; Bone Spring, West (97569)
Well Location Setback Rules:	Latest Statewide Horizontal Rules Apply
Spacing Unit Size:	320 acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320 acres
Building Blocks:	Quarter Quarter Sections
Orientation:	East to West
Description: TRS/County	S/2 N/2 of Sections 25 and 26, Township 19 South Range 27 East, NMPM, Eddy County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	N
Proximity Tracts: If yes, description	N
Proximity Defining Well: if yes, description	N
Applicant's Ownership in Each Tract	Exhibit B.3
Well(s)	EXHIBIT
Name & API (if assigned) surface and hottom hole location.	See Exhibits B.2 for C-102s

Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status EXAMINER HEARING 10-21-21 (standard or non-standard) Released to Imaging: 10/20/2021 7:21:59 AM

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See Exhibits B.2 for C-102s

	—
Well #1	Camacho 25-26 State Com 202H, API No. (Do not have yet) SHL: 2570 feet from the North line and 750 feet from the East line, (Unit H) of Section 25, Township 19 North, Range 27 East, NMPM. BHL: 1870 feet from the North line and 50 feet from the West line, (Unit E) of Section 26, Township 19 North, Range 27 East, NMPM.
	Completion Target: 2nd Bone Spring Sand at approx 7045 feet TVD. Well Orientation: East to West
Well #2	Camacho 25-26 State Com 302H, API No. (Do not have yet) SHL: 2600 feet from the North line and 750 feet from the East line, (Unit H) of Section 25, Township 19 North, Range 27 East, NMPM. BHL: 1910 feet from the North line and 50 feet from the West line, (Unit E) of Section 26, Township 19 North, Range 27 East, NMPM.
	Completion Target: 3rd Bone Spring Sand at approx 8310 feet TVD. Well Orientation: East to West
Horizontal Well First and Last Take Points	Exhibit B.2
Completion Target (Formation, TVD and MD)	See Proposal Letter Exhibit B.5.
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8000: See also Proposal Letter Exhibit B.5
Production Supervision/Month \$	\$800: See also Proposal Letter Exhibit B.5
Justification for Supervision Costs	See AFEs Exhibits B.6
Requested Risk Charge	200%: See also Proposal Letter Exhibit B.5
Notice of Hearing	
	Exhibit B.7
Proposed Notice of Hearing	
Proposed Notice of Hearing Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit B.7
•	Exhibit B.7 Exhibit B.7

Tract List (including lease numbers and owners)	Exhibit B.3
Pooled Parties (including ownership type)	Exhibit B.3
Unlocatable Parties to be Pooled	Exhibit B.3; B.7
Ownership Depth Severance (including percentage above & belo	N/A
Joinder	
Sample Copy of Proposal Letter	Exhbit B.6
List of Interest Owners (ie Exhibit A of JOA)	Exhibit B.3
Chronology of Contact with Non-Joined Working Interests	See Exhibit B.4 for Summary of Contacts
Overhead Rates In Proposal Letter	Proposal Letter Exhibit B.5
Cost Estimate to Drill and Complete	Proposal Letter Exhibit B.5; AFE Exhibit B.6
Cost Estimate to Equip Well	Proposal Letter Exhibit B.5; AFE Exhibit B.6
Cost Estimate for Production Facilities	Proposal Letter Exhibit B.5; AFE Exhibit B.6
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Summary (including special considerations)	Tab C
Spacing Unit Schematic	Exhibit C.8
Gunbarrel/Lateral Trajectory Schematic	Exhibit C.8
Well Orientation (with rationale)	Exhibit C, Paragraph 20
Target Formation	Exhibit C.8, Exhibits C.10 and C.11
HSU Cross Section	Exhibits C.10D/E and C.11D/E
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibits B.2
Tracts	Exhibit B.3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit B.3
General Location Map (including basin)	Exhibit C.9
Well Bore Location Map	Exhibits C.10A and C.11A
Structure Contour Map - Subsea Depth	Exhibits C.10B and C.11B
Cross Section Location Map (including wells)	Exhibits C.10A and C.11A
Cross Section (including Landing Zone)	Exhibits C.10D/E and C.11D/E
Additional Information	

Printed Name (Attorney or Party Representative):	Deana M. Bennett
Signed Name (Attorney or Party Representative):	Dean y Brits
Date:	October 19, 2021

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 21839	APPLICANT'S RESPONSE
Date: 10/19/2021	
Applicant	Apache Corporation
Designated Operator & OGRID (affiliation if applicable)	Apache Corporation (OGRID 873)
Applicant's Counsel:	Modrall Sperling
Case Title:	APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO, CASE NO. 21839
Entries of Appearance/Intervenors:	COG Operating and Concho Oil and as (now ConocoPhillips) & Colgate
Well Family	Camacho 25-26
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring Formation
Pool Name and Pool Code:	Winchester; Bone Spring, West (97569)
Well Location Setback Rules:	Latest Statewide Horizontal Rules Apply
Spacing Unit Size:	320 acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320 acres
Building Blocks:	Quarter Quarter Sections
Orientation:	East to West
Description: TRS/County	N/2 S/2 of Sections 25 and 26, Township 19 South Range 27 East, NMPM, Eddy County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	N
Proximity Tracts: If yes, description	N
Proximity Defining Well: if yes, description	N
Applicant's Ownership in Each Tract	Exhibit B.3
Well(s)	EXHIBIT
Name & API (if assigned), surface and bottom hole location,	See Exhibits B.2 for C-102s

Name & API (if assigned), surface and bottom hole location,

footages, completion target, orientation, completion status
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See Exhibits B.2 for C-102s



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Well #1	Camacho 25-26 State Com 203H, API No. (Do not have yet) SHL: 2660 feet from the North line and 750 feet from the East line, (Unit I) of Section 25, Township 19 North, Range 27 East, NMPM. BHL: 1870 feet from the South line and 50 feet from the West line, (Unit L) of Section 26, Township 19 North, Range 27 East, NMPM.
	Completion Target: 2nd Bone Spring Sand at approx 7045 feet TVD. Well Orientation: East to West
Well #2	Camacho 25-26 State Com 303H, API No. (Do not have yet) SHL: 2630 feet from the North line and 750 feet from the East line, (Unit H) of Section 25, Township 19 North, Range 27 East, NMPM. BHL: 1830 feet from the South line and 50 feet from the West line, (Unit L) of Section 26, Township 19 North, Range 27 East, NMPM.
	Completion Target: 3rd Bone Spring Sand at approx 8290 feet TVD. Well Orientation: East to West
Horizontal Well First and Last Take Points	Exhibit B.2
Completion Target (Formation, TVD and MD)	See Proposal Letter Exhibit B.5.
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8000: See also Proposal Letter Exhibit B.5
Production Supervision/Month \$	\$800: See also Proposal Letter Exhibit B.5
Justification for Supervision Costs	See AFEs Exhibits B.6
Requested Risk Charge	200%: See also Proposal Letter Exhibit B.5
Notice of Hearing	
Proposed Notice of Hearing	Exhibit B.7
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	E. J. 11-14-15 D. 7
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Gunbarrel/Lateral Trajectory Schematic	Exhibit C.8
Well Orientation (with rationale)	Exhibit C, Paragraph 20
Target Formation	Exhibit C.8, Exhibits C.10 and C.11
HSU Cross Section	Exhibits C.10D/E and C.11D/E
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibits B.2
Tracts	Exhibit B.3
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Cross Section Location Map (including wells)	Exhibits C.10A and C.11A
Cross Section (including Landing Zone)	Exhibits C.10D/E and C.11D/E
Additional Information	

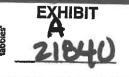
Printed Name (Attorney or Party Representative):	Deana M. Bennett
Signed Name (Attorney or Party Representative):	Klain UBnit
Date:	October 19, 2021

Case: 21840	APPLICANT'S RESPONSE
Date: 10/19/2021	
Applicant	Apache Corporation
Designated Operator & OGRID (affiliation if applicable)	Apache Corporation (OGRID 873)
Applicant's Counsel:	Modrall Sperling
Case Title:	APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO, CASE NO. 21840
Entries of Appearance/Intervenors:	COG Operating and Concho Oil and as (now ConocoPhillips) & Colgate
Well Family	Camacho 25-26
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring Formation
Pool Name and Pool Code:	Winchester; Bone Spring, West (97569)
Well Location Setback Rules:	Latest Statewide Horizontal Rules Apply
Spacing Unit Size:	320 acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320 acres
Building Blocks:	Quarter Quarter Sections
Orientation:	East to West
Description: TRS/County	S/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	N
Proximity Tracts: If yes, description	N
Proximity Defining Well: if yes, description	N
Applicant's Ownership in Each Tract	Exhibit B.3
Well(s)	EXHIBIT
Name & API (if assigned), surface and bottom hole location,	See Exhibits B.2 for C-102s

(standard or non-standard) Reteased to Imaging: 10/20/2021 7:21:59 AM

footages, completion target, orientation, completion status EXAMINER HEARING 10-21-21

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Well #1	Camacho 25-26 State Com 204H, API No. (Do not have yet) SHL: 397 feet from the South line and 650 feet from the East line, (Unit P) of Section 25, Township 19 North, Range 27 East, NMPM. BHL: 370 feet from the South line and 50 feet from the West line, (Unit M) of Section 26, Township 19 North, Range 27 East, NMPM. Completion Target: 2nd Bone Spring Sand at approx 7095 feet TVD.
	Well Orientation: East to West
Well #2	Camacho 25-26 State Com 304H, API No. (Do not have yet) SHL: 427 feet from the South line and 650 feet from the East line, (Unit P) of Section 25, Township 19 North, Range 27 East, NMPM. BHL: 330 feet from the South line and 50 feet from the West line, (Unit M) of Section 26, Township 19 North, Range 27 East, NMPM.
	Completion Target: 3rd Bone Spring Sand at approx 8350 feet TVD. Well Orientation: East to West
Horizontal Well First and Last Take Points	Exhibit B.2
Completion Target (Formation, TVD and MD)	See Proposal Letter Exhibit B.5.
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8000: See also Proposal Letter Exhibit B.5
Production Supervision/Month \$	\$800: See also Proposal Letter Exhibit B.5
Justification for Supervision Costs	See AFEs Exhibits B.6
Requested Risk Charge	200%: See also Proposal Letter Exhibit B.5
Notice of Hearing	
Proposed Notice of Hearing	Exhibit B.7
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit B.7
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit B.7
Ownership Determination EXAMINER HEARING	

Tract List (including lease numbers and owners)	Exhibit B.3
Pooled Parties (including ownership type)	Exhibit B.3
Unlocatable Parties to be Pooled	Exhibit B.3; B.7
Ownership Depth Severance (including percentage above & belo	N/A
Joinder	
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Gunbarrel/Lateral Trajectory Schematic	Exhibit C.8
Well Orientation (with rationale)	Exhibit C, Paragraph 20
Target Formation	Exhibit C.8, Exhibits C.10 and C.11
HSU Cross Section	Exhibits C.10D/E and C.11D/E
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibits B.2
Tracts	Exhibit B.3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit B.3
General Location Map (including basin)	Exhibit C.9
Well Bore Location Map	Exhibits C.10A and C.11A
Structure Contour Map - Subsea Depth	Exhibits C.10B and C.11B
Cross Section Location Map (including wells)	Exhibits C.10A and C.11A
Cross Section (including Landing Zone)	Exhibits C.10D/E and C.11D/E

Printed Name (Attorney or Party Representative):	Deana M. Bennett
Signed Name (Attorney or Party Representative):	Wegn M Bout
Date:	October 19, 2021

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

APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 21837

APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 21838

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CASE NO. 21839

APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 21840

DECLARATION OF BLAKE JOHNSON

Blake Johnson hereby states and declares as follows:

- 1. I am a landman for Apache Corporation ("Apache"), over the age of 18, and have personal knowledge of the matters stated herein. I have previously testified by affidavit before the Oil Conservation Division ("Division") and I have been qualified by the Division as an expert in petroleum land matters.
- 2. My area of responsibility at Apache includes the area of Eddy County in New Mexico.
- 3. I am familiar with the applications filed by Apache in these cases, which are attached as Exhibit 1.
 - 4. I am familiar with the status of the lands that are subject to the applications.
- 5. I submit the following information pursuant to NMAC 19.15.4.12.A(1) in support of the above-referenced compulsory pooling applications.



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6. These four cases involves requests for orders from the Division for compulsory

pooling of interest owners who have refused to voluntarily pool their interests for the proposed

Bone Spring horizontal spacing units described below, and in the wells to be drilled in the

horizontal spacing units.

7. Prior to filing its applications, Apache made a good faith effort to obtain voluntary

joinder of the working interest owners in the proposed well. Apache identified all of the working

interest, unleased mineral interests, and overriding royalty interest owners from a title opinion. To

locate interest owners, Apache conducted a diligent search of the public records in the county

where the wells will be located, and conducted phone directory and computer searches to locate

contact information for parties entitled to notification. I mailed all working interest owners well

proposals and an Authorization for Expenditure, and a form of Operating Agreement upon request.

8. No opposition is expected. Prior to filing its applications Apache contacted the

interest owners being pooled regarding the proposed wells; the pooled working interest owners

have failed or refused to voluntarily commit their interests in the wells. Apache provided all of

the working interest owners, any unleased mineral owners, and overriding royalty owners with

notice of these applications, and none have entered an appearance in opposition to Apache's

applications.

9. In Case No. 21837, Apache seeks an order from the Division pooling all

uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying

the N/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County,

New Mexico. This standard spacing unit will be dedicated to the Camacho 25-26 State Com

201H and Camacho 25-26 State Com 301H wells, to be horizontally drilled.

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- 10. In Case No. 21838, Apache seeks an order from the Division pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the S/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. This standard spacing unit will be dedicated to the Camacho 25-26 State Com 202H and Camacho 25-26 State Com 302H wells, to be horizontally drilled.
- 11. In Case No. 21839, Apache seeks an order from the Division pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the N/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. This standard spacing unit will be dedicated to the Camacho 25-26 State Com 203H and Camacho 25-26 State Com 303H wells, to be horizontally drilled.
- 12. In Case No. 21840, Apache seeks an order from the Division pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the S/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. This standard spacing unit will be dedicated to the Camacho 25-26 State Com 204H and Camacho 25-26 State Com 304H wells, to be horizontally drilled.
 - 13. Attached as **Exhibit 2** are the proposed C-102s for the wells.
- 14. The C-102s identify the proposed surface hole locations, the first take points, and the bottom hole locations. The C-102s also identify the pool and pool code.
 - 15. The wells will develop the Winchester; Bone Spring, West pool, Pool Code 97569.
 - 16. This pool is an oil pool with 40-acre building blocks.
- 17. This pool is governed by the state-wide horizontal well rules. The producing intervals for the wells will be orthodox and will comply with the Division's set back requirements,

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the first and last take points will be no closer than 100' from the proposed unit boundary and the completed lateral will be no closer than 330' from the proposed unit boundary.

- 18. There are no depth severances within the proposed spacing units.
- 19. **Exhibit 3** includes a lease tract map outlining the units being pooled, including the State Land Office lease, Lease E-0952-3. Exhibit 3 also includes the parties being pooled, the nature, and the percent of their interests. Apache owns an interest in the proposed unit and has a right to drill a well thereon.
- 20. Three parties entered appearances in this case—V-F Petroleum, Inc., COG Operating LLC and Concho Oil and Gas (now ConocoPhillips), and Colgate Operating, LLC ("Colgate"). I have had multiple communications with V-F Petroleum, Inc. and COG Operating LLC and Concho Oil and Gas (now ConocoPhillips), who originally entered appearances in these cases. V-F Petroleum's interests were acquired by Colgate after these cases were filed and V-F Petroleum has now withdrawn from these cases. Colgate has entered an appearance in these cases. Colgate and COG Operating LLC and Concho Oil and Gas (now ConocoPhillips) do not oppose Apache's pooling applications or object to the cases being presented by affidavit.
- 21. In my opinion, Apache has made a good faith effort to obtain voluntary joinder in the proposed well.
 - 22. **Exhibit 4** is a summary of my contacts with the various working interest owners.
- 23. **Exhibit 5** is a sample of the well proposal letter that was sent. The proposal letter identifies the approximate surface and bottom hole locations and approximate TVD/MD for the wells.

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24. **Exhibit 6** contains the Authorization for Expenditure for the proposed wells. The estimated cost of the wells set forth therein is fair and reasonable, and is comparable to the costs

of other well of similar depths and length drilled in this area of New Mexico.

25. Apache requests overhead and administrative rates of \$8000.00/month for drilling a well and \$800.00/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this area of Southeastern, New Mexico. Apache

26. Apache requests the maximum cost plus 200% risk charge be assessed against nonconsenting working interest owners.

requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

27. Apache requests that it be designated operator of the wells.

28. The parties Apache is seeking to pool were notified of this hearing.

29. Apache seeks to pool overriding royalty interest owners, and they were provided notice of this hearing.

30. Based upon my knowledge of the land matters involved in this case, education and training, it is my expert opinion that the granting of Apache's applications in these cases are in the interests of conservation and the prevention of waste.

31. **Exhibit 7** is an affidavit of notice prepared by counsel for Apache that shows the parties who were notified of this hearing, the status of whether they received notice, and an affidavit of publication from the Carlsbad Current Argus newspaper, showing that notice of this hearing was published on April 20, 2021.

32. The attachments to this declaration were prepared by me, or compiled from company business records, or were prepared at my direction.

33. Pursuant to Rules 1-011 and 23-115 NMRA, I declare and affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct to the best of my knowledge and belief.

Blake Johnson

Dated: October 18, 2021

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

APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

CASE NO. 21837

APPLICATION

Apache Corporation ("Apache"), OGRID Number 873, through its undersigned attorneys, hereby makes an application to the Oil Conservation Division pursuant to the provisions of NMSA (1978), Section 70-2-17, for an order pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the N/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. In support of this application, Apache states as follows:

- 1. Apache is an interest owner in the subject lands and has a right to drill a well thereon.
- 2. Apache seeks to dedicate the N/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico to form a 320-acre, more or less, Bone Spring standard horizontal spacing unit.
- 3. Apache plans to drill the following horizontal wells in a westerly direction to a depth sufficient to test the Bone Spring formation:
 - a. The Camacho 25-26 State Com 201H well is a horizontal well with a surface location in the NE/4 NE/4 (Unit A) of Section 25, Township 19 South, Range 27 East, NMPM, Eddy County, and an intended bottom hole location in the NW/4 NW/4 (Unit D) of Section 26, Township 19 South, Range 27 East, NMPM, Eddy County. This well is proposed to be drilled vertically to a depth of approximately 7,030' to the Bone Spring formation.
 - b. The Camacho 25-26 State Com 301H well is a horizontal well with a surface location in the NE/4 NE/4 (Unit A) of Section 25, Township 19 South, Range 27 East, NMPM, Eddy County, and an intended bottom hole location in the



NW/4 NW/4 (Unit D) of Section 26, Township 19 South, Range 27 East, NMPM, Eddy County. This well is proposed to be drilled vertically to a depth of approximately 8,310' to the Bone Spring formation.

- 4. These wells will be located within the Winchester, Bone Spring Pool (Pool Code 65010) and will comply with the Division's statewide setback requirements.
- 5. Apache sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.
- 6. The creation of a standard horizontal spacing unit and the pooling of all interests in the Bone Spring formation underlying the proposed unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

WHEREFORE, Apache requests that this case is set for hearing before an Examiner of the Oil Conservation Division on May 6, 2021, and after notice and hearing as required by law, the Division enter its order:

- A. Creating an approximately 320-acre, more or less, standard horizontal spacing unit in the Bone Spring formation comprised of the N/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico;
- B. Pooling all mineral interests in the Bone Spring formation underlying a standard horizontal spacing unit within the N/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico;
- C. Designating Apache as operator of this unit and the wells to be drilled thereon;
- D. Authorizing Apache to recover its costs of drilling, completing and equipping the wells;

- E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure;
- F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS & SISK, P.A.

By:

Earl E. DeBrine, Jr.
Lance D. Hough
Deana M. Bennett
Post Office Box 2168
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Albuquerque, New Mexico 87103-2168

Telephone: 505.848.1800 earl.debrine@modrall.com deana.bennett@modrall.com lance.hough@modrall.com Attorneys for Applicant

W4029068.DOCX

Application of Apache Corporation for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order from the Division: (1) to the extent necessary, approving the creation of a 320-acre, more or less, Bone Spring standard horizontal spacing unit; and, (2) pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the N/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. This standard spacing unit will be dedicated to the Camacho 25-26 State Com 201H and Camacho 25-26 State Com 301H wells, to be horizontally drilled. The producing intervals for these wells will be orthodox. Also to be considered will be the cost of drilling, completing and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Apache as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 16 miles southeast of Artesia, New Mexico.

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

APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

	21000
CASE NO.	21838

APPLICATION

Apache Corporation ("Apache"), OGRID Number 873, through its undersigned attorneys, hereby makes an application to the Oil Conservation Division pursuant to the provisions of NMSA (1978), Section 70-2-17, for an order pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the S/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. In support of this application, Apache states as follows:

- 1. Apache is an interest owner in the subject lands and has a right to drill a well thereon.
- 2. Apache seeks to dedicate the S/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico to form a 320-acre, more or less, Bone Spring standard horizontal spacing unit.
- 3. Apache plans to drill the following horizontal wells in a westerly direction to a depth sufficient to test the Bone Spring formation:
 - a. The Camacho 25-26 State Com 202H well is a horizontal well with a surface location in the SE/4 NE/4 (Unit H) of Section 25, Township 19 South, Range 27 East, NMPM, Eddy County, and an intended bottom hole location in the SW/4 NW/4 (Unit E) of Section 26, Township 19 South, Range 27 East, NMPM, Eddy County. This well is proposed to be drilled vertically to a depth of approximately 7,045' to the Bone Spring formation.
 - b. The Camacho 25-26 State Com 302H well is a horizontal well with a surface location in the SE/4 NE/4 (Unit H) of Section 25, Township 19 South, Range 27 East, NMPM, Eddy County, and an intended bottom hole location in the

SW/4 NW/4 (Unit E) of Section 26, Township 19 South, Range 27 East, NMPM, Eddy County. This well is proposed to be drilled vertically to a depth of approximately 8,310' to the Bone Spring formation.

- 4. These wells will be located within the Winchester, Bone Spring Pool (Pool Code 65010) and will comply with the Division's statewide setback requirements.
- 5. Apache sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.
- 6. The creation of a standard horizontal spacing unit and the pooling of all interests in the Bone Spring formation underlying the proposed unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

WHEREFORE, Apache requests that this case is set for hearing before an Examiner of the Oil Conservation Division on May 6, 2021, and after notice and hearing as required by law, the Division enter its order:

- A. Creating an approximately 320-acre, more or less, standard horizontal spacing unit in the Bone Spring formation comprised of the S/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico;
- B. Pooling all mineral interests in the Bone Spring formation underlying a standard horizontal spacing unit within the S/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico;
- C. Designating Apache as operator of this unit and the wells to be drilled thereon;
- D. Authorizing Apache to recover its costs of drilling, completing and equipping the wells;

- E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure;
- F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS & SISK, P.A.

By

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Lance D. Hough

Deana M. Bennett

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Attorneys for Applicant

W4029076.DOCX

Application of Apache Corporation for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order from the Division: (1) to the extent necessary, approving the creation of a 320-acre, more or less, Bone Spring standard horizontal spacing unit; and, (2) pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the S/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. This standard spacing unit will be dedicated to the Camacho 25-26 State Com 202H and Camacho 25-26 State Com 302H wells, to be horizontally drilled. The producing intervals for these wells will be orthodox. Also to be considered will be the cost of drilling, completing and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Apache as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 16 miles southeast of Artesia, New Mexico.

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

APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

CASE NO.	21839
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APPLICATION

Apache Corporation ("Apache"), OGRID Number 873, through its undersigned attorneys, hereby makes an application to the Oil Conservation Division pursuant to the provisions of NMSA (1978), Section 70-2-17, for an order pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the N/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. In support of this application, Apache states as follows:

- 1. Apache is an interest owner in the subject lands and has a right to drill a well thereon.
- 2. Apache seeks to dedicate the N/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico to form a 320-acre, more or less, Bone Spring standard horizontal spacing unit.
- 3. Apache plans to drill the following horizontal wells in a westerly direction to a depth sufficient to test the Bone Spring formation:
 - a. The Camacho 25-26 State Com 203H well is a horizontal well with a surface location in the NE/4 SE/4 (Unit I) of Section 25, Township 19 South, Range 27 East, NMPM, Eddy County, and an intended bottom hole location in the NW/4 SW/4 (Unit L) of Section 26, Township 19 South, Range 27 East, NMPM, Eddy County. This well is proposed to be drilled vertically to a depth of approximately 7,045' to the Bone Spring formation.
 - b. The Camacho 25-26 State Com 303H well is a horizontal well with a surface location in the NE/4 SE/4 (Unit I) of Section 25, Township 19 South, Range 27 East, NMPM, Eddy County, and an intended bottom hole location in the NW/4

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SW/4 (Unit L) of Section 26, Township 19 South, Range 27 East, NMPM, Eddy County. This well is proposed to be drilled vertically to a depth of approximately 8,290' to the Bone Spring formation.

- 4. These wells will be located within the Winchester, Bone Spring Pool (Pool Code 65010) and will comply with the Division's statewide setback requirements.
- 5. Apache sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.
- 6. The creation of a standard horizontal spacing unit and the pooling of all interests in the Bone Spring formation underlying the proposed unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

WHEREFORE, Apache requests that this case is set for hearing before an Examiner of the Oil Conservation Division on May 6, 2021, and after notice and hearing as required by law, the Division enter its order:

- A. Creating an approximately 320-acre, more or less, standard horizontal spacing unit in the Bone Spring formation comprised of the N/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico;
- B. Pooling all mineral interests in the Bone Spring formation underlying a standard horizontal spacing unit within the N/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico;
- C. Designating Apache as operator of this unit and the wells to be drilled thereon;
- D. Authorizing Apache to recover its costs of drilling, completing and equipping the wells;

- E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure;
- F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS & SISK, P.A.

Bv:

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Attorneys for Applicant

W4029108.DOCX

Application of Apache Corporation for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order from the Division: (1) to the extent necessary, approving the creation of a 320-acre, more or less, Bone Spring standard horizontal spacing unit; and, (2) pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the N/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. This standard spacing unit will be dedicated to the Camacho 25-26 State Com 203H and Camacho 25-26 State Com 303H wells, to be horizontally drilled. The producing intervals for these wells will be orthodox. Also to be considered will be the cost of drilling, completing and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Apache as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 16 miles southeast of Artesia, New Mexico.

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

APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

CASE NO.	21840
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APPLICATION

Apache Corporation ("Apache"), OGRID Number 873, through its undersigned attorneys, hereby makes an application to the Oil Conservation Division pursuant to the provisions of NMSA (1978), Section 70-2-17, for an order pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the S/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. In support of this application, Apache states as follows:

- 1. Apache is an interest owner in the subject lands and has a right to drill a well thereon.
- 2. Apache seeks to dedicate the S/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico to form a 320-acre, more or less, Bone Spring standard horizontal spacing unit.
- 3. Apache plans to drill the following horizontal wells in a westerly direction to a depth sufficient to test the Bone Spring formation:
 - a. The Camacho 25-26 State Com 204H well is a horizontal well with a surface location in the SE/4 SE/4 (Unit P) of Section 25, Township 19 South, Range 27 East, NMPM, Eddy County, and an intended bottom hole location in the SW/4 SW/4 (Unit M) of Section 26, Township 19 South, Range 27 East, NMPM, Eddy County. This well is proposed to be drilled vertically to a depth of approximately 7,095' to the Bone Spring formation.
 - b. The Camacho 25-26 State Com 304H well is a horizontal well with a surface location in the SE/4 SE/4 (Unit P) of Section 25, Township 19 South, Range 27 East, NMPM, Eddy County, and an intended bottom hole location in the SW/4

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SW/4 (Unit M) of Section 26, Township 19 South, Range 27 East, NMPM, Eddy County. This well is proposed to be drilled vertically to a depth of approximately 8,350' to the Bone Spring formation.

- 4. These wells will be located within the Winchester, Bone Spring Pool (Pool Code 65010) and will comply with the Division's statewide setback requirements.
- 5. Apache sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.
- 6. The creation of a standard horizontal spacing unit and the pooling of all interests in the Bone Spring formation underlying the proposed unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

WHEREFORE, Apache requests that this case is set for hearing before an Examiner of the Oil Conservation Division on May 6, 2021, and after notice and hearing as required by law, the Division enter its order:

- A. Creating an approximately 320-acre, more or less, standard horizontal spacing unit in the Bone Spring formation comprised of the S/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico;
- B. Pooling all mineral interests in the Bone Spring formation underlying a standard horizontal spacing unit within the S/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico;
- C. Designating Apache as operator of this unit and the wells to be drilled thereon;
- D. Authorizing Apache to recover its costs of drilling, completing and equipping the wells;

- E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure;
- F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS & SISK, P.A.

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Attorneys for Applicant

W4029110.DOCX

Application of Apache Corporation for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order from the Division: (1) to the extent necessary, approving the creation of a 320-acre, more or less, Bone Spring standard horizontal spacing unit; and, (2) pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the S/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. This standard spacing unit will be dedicated to the Camacho 25-26 State Com 204H and Camacho 25-26 State Com 304H wells, to be horizontally drilled. The producing intervals for these wells will be orthodox. Also to be considered will be the cost of drilling, completing and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Apache as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 16 miles southeast of Artesia, New Mexico.

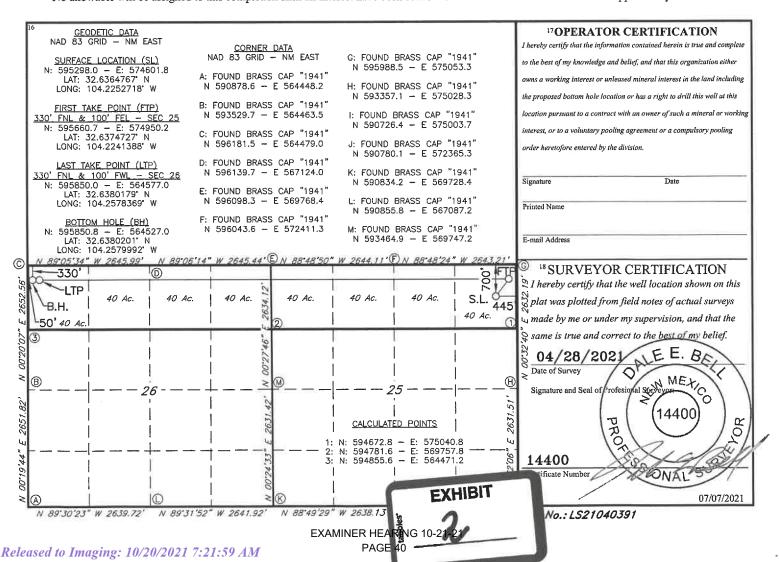
State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	API Number		***		² Pool (I	EAGE DEDIC						
,	API Number			97	7569	.oue	WINCHESTER; BONE SPRING					G, WEST		
⁴ Property Cod	le				CAM	ACHO 25-26 STATE COM						6 Well Number 201H		
7OGRID N	IO.		APACHE CORPORATION									⁹ Elevation 3474		
						10 Sur	face I	Location						
UL or lot no.	Section	Townsh	ip	Range	Lot Id	n Feet from	n the	North/South line	Feet From the	East/We	st line	County		
A	25	198	_ ;	27E		700		NORTH	445	EAS	ST	EDDY		
				11 I	3otton	Hole Loc	ation	If Different Fr	om Surface					
UL or lot no.	Section	Townsh	ip	Range	Lot Id	n Feet from	n the	North/South line	Feet from the	East/We	st line	County		
D	26	19S	.9S 27E 330 NORTH 50 WEST E						EDDY					
12 Dedicated Acres	13 Joint	or Infill	14 Con	solidation	Code	15 Order No.								



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

			***		JOILI	1011 21110	TICK	EAGE DEDIC	22111011121	* *			
1	API Number	•			² Pool (Code			³ Pool Na				
				9	7569		WINCHESTER; BONE SPRING						
4Property Cod	e				5 Property Name						6 Well Number		
					CAM	ACHO 25	-26	STATE COM			301H		
7OGRID N	0.					8 Op	erator Na	ame			9Elevation		
			APACHE CORPORATION									3473'	
						10 Sur	face I	Location					
UL or lot no.	Section	Townsh	ip	Range	Lot Id	n Feet from	n the	North/South line	Feet From the	East/West line		County	
A	25	198	2	27E		730)	NORTH	445	EAS	ST	EDDY	
				11 I	3otton	n Hole Loc	ation	If Different Fr	om Surface				
UL or lot no.	Section	Townsh	ip	Range	Lot Id	n Feet from	n the	North/South line	Feet from the	East/We	st line	County	
D	26	195	2	27E		370)	NORTH	50	WE:	ST	EDDY	
12 Dedicated Acres	13 Joint	or Infill	14 Con	solidation	Code	15 Order No.							

GEODETIC DATA NAD 83 GRID — NM EAST			17OPERATOR CERTIFICATION
SURFACE LOCATION (SL)	<u>CORNER DATA</u> NAD 83 GRID — NM EAST	G: FOUND BRASS CAP "1941"	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either
N: 595268.0 - E: 574601.6 LAT: 32.6363943' N	A: FOUND BRASS CAP "1941"	N 595988.5 — E 575053.3	owns a working interest or unleased mineral interest in the land including
LONG: 104.2252726° W	N 590878.6 - E 564448.2	H: FOUND BRASS CAP "1941" N 593357.1 - E 575028.3	the proposed bottom hole location or has a right to drill this well at this
FIRST TAKE POINT (FTP) 370' FNL & 100' FEL — SEC 25	B: FOUND BRASS CAP "1941" N 593529.7 E 564463.5	I: FOUND BRASS CAP "1941"	location pursuant to a contract with an owner of such a mineral or working
N: 595620.7 - E: 574949.8	C: FOUND BRASS CAP "1941"	N 590726.4 - E 575003.7	interest, or to a voluntary pooling agreement or a compulsory pooling
LAT: 32.6373627* N LONG: 104.2241402* W	N 596181.5 - E 564479.0	J: FOUND BRASS CAP "1941" N 590780.1 E 572365.3	order heretofore entered by the division.
LAST TAKE POINT (LTP)	D: FOUND BRASS CAP "1941" N 596139.7 - E 567124.0	K: FOUND BRASS CAP "1941"	
370' FNL & 100' FWL - SEC 26 N: 595810.1 - E: 564576.8	E: FOUND BRASS CAP "1941"	N 590834.2 — E 569728.4	Signature Date
LAT: 32.6379080° N LONG: 104.2578377° W	N 596098.3 - E 569768.4	L: FOUND BRASS CAP "1941" N 590855.8 — E 567087.2	Printed Name
BOTTOM HOLE (BH)	F: FOUND BRASS CAP "1941"	M: FOUND BRASS CAP "1941"	
N: 595810.8 - E: 564526.8 LAT: 32.6379102' N	N 596043.6 - E 572411.3	N 593464.9 — E 569747.2	E-mail Address
LONG: 104.2580001° W N 89*05'34" W 2645.99' N 89*0	6'14" W 2645.44' © N 88'48'50"	W 2644.11'F) N 88.48'24" W 2643.21'	© 18 STIPVEYOR CERTIFICATION
370' ©		.52	18 SURVEYOR CERTIFICATION 2 I hereby certify that the well location shown on this
LTP 40 Ac. 40 A	c. 40 Ac. 40 Ac.	40 Ac. 40 Ac. S.L.	Sint a super platted from Gold maters of noticel growing
B.H. 50'40 Ac.	263	40 Ac.	made by me or under my supervision, and that the
3	- (u/2)		asame is true and correct to the best of my belief.
	7,46	î î	04/28/2021 NE E. BE
i i	00.5	i i i	Data of Surgery
®			Signature and Scal of Profesional Surveyor:
	45,		[(4400)
	1631	CALCULATED POINTS	PR (14400) (8)
	1:	N: 594672.8 - E: 575040.8 N: 594781.6 - E: 569757.8	
	3:		
İ	00.54	N: 594855.6 - E: 564471.2	Certificate Number NAL
Δ	0	1 1 5	07/07/2021

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

I	API Number		975	² Pool Code 569		WINCHESTER; BONE SPRING, WEST							
4Property Co	de			E COM 2									
7OGRID	NO.		ROperator Name APACHE CORPORATION								⁹ Elevation 3470		
					10 Surfa	ice l	Location						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from t	he	North/South line	Feet From the	East/W	est line	County		
H	25	19S	19S 27E 2570 NORTH 750 EAS							ST	EDDY		
			" Bottom Hole Location If Different From Surface										
UL or lot no.	Section	Township	Range	Lot Idn	Feet from t	the	North/South line	Feet from the	East/W	est line	County		

 E
 26
 19S
 27E
 1870
 NORTH
 50
 WEST
 EDDY

 12 Dedicated Acres
 13 Joint or Infill
 14 Consolidation Code
 15 Order No.

16 GEODETIC DATA			17OPERATOR CERTIFICATION
NAD 83 GRID — NM EAST	CORNER DATA		I hereby certify that the information contained herein is true and complete
SURFACE LOCATION (SL)	NAD 83 GRID - NM EAST	G: FOUND BRASS CAP "1941" N 595988.5 — E 575053.3	to the best of my knowledge and belief, and that this organization either
N: 593434.9 — E: 574279.5 LAT: 32.6313563 N	A: FOUND BRASS CAP "1941"		owns a working interest or unleased mineral interest in the land including
LONG: 104.2263251° W	N 590878.6 - E 564448.2	H: FOUND BRASS CAP "1941" N 593357.1 - E 575028.3	the proposed bottom hole location or has a right to drill this well at this
FIRST TAKE POINT (FTP) 1870' FNL & 100' FEL - SEC 25	B: FOUND BRASS CAP "1941" N 593529.7 — E 564463.5	I: FOUND BRASS CAP "1941"	location pursuant to a contract with an owner of such a mineral or working
N: 594121.2 - E: 574935.6	C: FOUND BRASS CAP "1941"	N 590726.4 - E 575003.7	interest, or to a voluntary pooling agreement or a compulsory pooling
LAT: 32,6332409° N LONG: 104,2241915° W	N 596181.5 — E 564479.0	J: FOUND BRASS CAP "1941"	order heretofore entered by the division.
LAST TAKE POINT (LTP)	D: FOUND BRASS CAP "1941"	N 590780.1 - E 572365.3	,
1870' FNL & 100' FWL - SEC 26	N 596139.7 - E 567124.0	K: FOUND BRASS CAP "1941" N 590834.2 - E 569728.4	Signature Date
N: 594310.5 — E: 564568.0 LAT: 32.6337860° N	E: FOUND BRASS CAP "1941"		- Committee - Comm
LONG: 104.2578697° W	N 596098.3 - E 569768.4	L: FOUND BRASS CAP "1941" N 590855.8 — E 567087.2	Printed Name
BOTTOM HOLE (BH)	F: FOUND BRASS CAP "1941" N 596043.6 - E 572411.3	M: FOUND BRASS CAP "1941"	
N: 594311.2 — E: 564518.0 LAT: 32.6337883 N	N 030043.0 - E 372411.3	N 593464.9 — E 569747.2	E-mail Address
LONG: 104.2580320' W N 89'05'34" W 2645.99' N 89'08	5'14" W 2645 44'E N 88'48'50"	W 2644,11' EN 88'48'24" W 2643.21'	
N 89'05'34" W 2645.99' N 89'00	777 # 2010.17 6 # 05 75 35	T	© "SURVEYOR CERTIFICATION
199	12,		I hereby certify that the well location shown on this
870	4,		g plat was plotted from field notes of actual surveys
w w w w w w w w w w w w w w w w w w w	8/2	1 25	u made by me or under my supervision, and that the
io LTP	4	FTP	a same is true and correct to the best of my belief.
N COL	1,46		04/28/2021
8 B.H. 40 Ac. 40 Ac	. 40 Ac. 0 40 Ac.	40 Ac. 40 Ac. 40 Ac.	Date of Survey
≥ 50' 40 Ac.	3	750 S.L.	
26	, W		Signature and Seal of Profession Surveyor.
17.8	1 71		\$ (0)
7,92	199	7 - 7	\ \(\nu\)\(\lambda\)\(\lambda\)\(\lambda\)\(\lambda\)
			$ \mathcal{R} \longrightarrow \mathcal{O} $
CALCULATED POINTS		5,06	14400
2: N: 594781.6 - E: 56	75040.8	00.32	Certificate Number
3: N: 594855.6 − E: 56	54471.2 SK		(I) WONAL'S
V 00170/07" W 0070 70'0 N 0017		W 2638 13'(1) N 88'50'00" W 2639 65'	

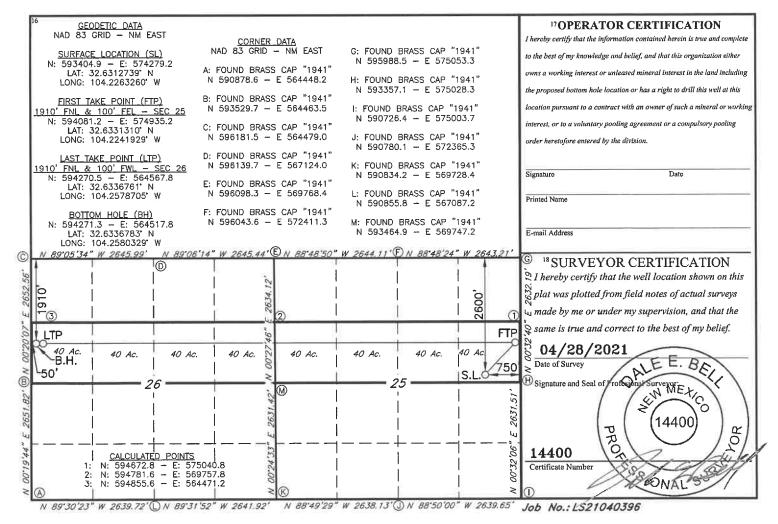
State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

			A ELL L					LATION PLA				
I	API Number	r	97	² Pool Cod 569	WINCHESTER; BONE SPRING,					, WE	WEST	
4Property Co	de			CAMA							6 Well Number 302H	
7OGRID I	VO.	**Operator Name								⁹ Elevation 3470'		
					10 Surf	ace Loc	ation					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from	the	North/South line	Feet From the	East/We	st line	County	
H	25	198	27E		2600)	NORTH	750	EAS	ST	EDDY	
			ոյ	Bottom I	Hole Loca	tion If I	Different Fr	om Surface				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from	the	North/South line	Feet from the	East/We	st line	County	
E	26	195	19S 27E 1910 NORTH 50 WEST ED						EDDY			
12 Dedicated Acres	13 Joint	or Infill 14	Consolidation	Code 15	Order No.	1.			<u> </u>			



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

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		W	ELL L	<u>JUATION</u>	N AND ACI	REAGE DEDIC	ATION PLA	.1		
1	API Number			^{2 Pool Code} 97569	WINCHESTER; BONE SPRING, WEST					
4Property Co	de			CAMACI	AACHO 25-26 STATE COM 6 Well Number 203H					
7OGRID I	VO.		APACHE CORPORATION 9 Elevation 3470							
					10 Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/W	est line	County
I	25	198	27E		2660	NORTH	750	EAS	ST	EDDY
			п]	Bottom Ho	ole Location	If Different Fr	om Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/W	est line	County
L	26	19S	27E		1870	SOUTH	50	WE	ST	EDDY
12 Dedicated Acres	13 Joint	or Infill 14 C	onsolidation	Code 15 Or	rder No,					

16	ODETIO DATA				DOBED A TOD CEDTIFICATION
	<u>ODETIC DATA</u> GRID — NM EAST				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete
		<u>CORNER DATA</u> NAD 83 GRID — NM EAST	G: FOUND BRASS CAP "	1041"	I hereby certify that the information contained herein is true and complete
	<u>E_LOCATION_(SL)</u> 4.9 — E: 574278.7	MAD OD GIVID - MINI ENST	N 595988.5 — E 5750		to the best of my knowledge and belief, and that this organization either
	32.6311090° N	A: FOUND BRASS CAP "1941"			owns a working interest or unleased mineral interest in the land including
LONG:	104.2263279° W	N 590878.6 - É 564448.2	H: FOUND BRASS CAP ". N 593357.1 - E 5750		the proposed bottom hole location or has a right to drill this well at this
FIRST T	AKE POINT (FTP)	B: FOUND BRASS CAP "1941"			
1870' FSL &	: 100' FEL - SEC 25	N 593529.7 - E 564463.5	I: FOUND BRASS CAP "1		location pursuant to a contract with an owner of such a mineral or working
	7.9 - E: 574921.2	C: FOUND BRASS CAP "1941"	N 590726.4 - E 5750	03.7	interest, or to a voluntary pooling agreement or a compulsory pooling
	32.6290538°N 104.2242432°W	N 596181.5 - E 564479.0	J: FOUND BRASS CAP "		order heretofore entered by the division.
		D: FOUND BRASS CAP "1941"	N 590780.1 - E 5723	65.3	
	AKE POINT (LTP) 100' FWL - SEC 26	N 596139.7 - E 567124.0	K: FOUND BRASS CAP "	1941"	
N: 59274	7.2 - E: 564558.9	E. FOUND DRACE OAD "4044"	N 590834.2 - E 5697		Signature Date
	32.6294891°N	E: FOUND BRASS CAP "1941" N 596098.3 - E 569768.4	L: FOUND BRASS CAP "	1941"	
LONG:	104.2579027° W		N 590855.8 - E 5670		Printed Name
	OM HOLE (BH)	F: FOUND BRASS CAP "1941" N 596043.6 - E 572411.3	M: FOUND BRASS CAP "	1041"	
	7.6 — E: 564509.0 32.6294903' N	N 398043.6 - E 372411.3	N 593464.9 — E 5697		E-mail Address
	104.2580651° W		0		
© N 89'05'34		6'14" W 2645.44' 🖺 N 88'48'50"	W 2644.11'EN 88.48'24	W 2643.21	© 18 SURVEYOR CERTIFICATION
	<u> </u>	1	1	* †	SOKVETOR CERTIFICATION
3.56	1	,27		1	$\stackrel{\circ}{\sim}$ I hereby certify that the well location shown on this
927		4,		l o	🖁 plat was plotted from field notes of actual surveys
2	i i	2634	1	2660'	made by me or under my supervision, and that the
1	¦		i — — 	¦~-	
20,0	1	2	1	!	same is true and correct to the best of my belief.
00.50				ļ	S 04/28/2021
8	1			1	
≥ B ====================================	,	× ×		750	
50' _{40 Ac.}	26 —	, M	25	S.L.	Date of Survey H Signature and Seal of Professional Survey, E
LTP	40 Ac. 40 Ac	4	40 Ac. 40 Ac.	40 Ac.	
55 00	1 40 AC. 40 AC	. 40 AC. 2 40 AC.	TU AC. TU AC.	7	[[14400]]]
B.H.	!		1	i FTP	B (14400) /8/
(3)		<u>4</u> 2		1	12/2/
79,44	CALCULATED POINTS	: B		<u>.</u>	14400
V)					Certificate Number
1.00		J4455.0	N 00'32'06" E	2631.51	WONAL'S
≥ 1		≥ ⊗		1	
(A) N 89'30'23	" W 2639 72'(1) N 89'3	1'52" W 2641 02' N 88'40'20'	W 2638 13'(1) N 88'50'00	" W 2639 65'	Inh No 1 521010308

12 Dedicated Acres

13 Joint or Infill

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

1	API Number			² Pool Code 9756 9		WINCHESTER; BONE SPRING, WEST						
⁴ Property Co	de			CAMAC	⁵ Property 1 25-26	Name STATE COM			6 Well Number 303H			
7OGRID	NO.				9Elevation 3470'							
					10 Surface	Location						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/We	est line	County		
H	25	19S	27E		2630	NORTH	750	EAS	ST	EDDY		
			11]	Bottom H	lole Location	n If Different Fr	om Surface			11		
UL or lot no.	Section	Township	Township Range Lot Idn Feet from the North/South line Feet from the							County		
L	26	19S	27E		1830	SOUTH	50	WE	ST	EDDY		

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

15 Order No.

14 Consolidation Code

16			
GEODETIC DATA NAD 83 GRID - NM EAST			17OPERATOR CERTIFICATION
	<u>CORNER DATA</u> NAD 83 GRID — NM EAST	0 FOUND DD4C5 04D "4044"	I hereby certify that the information contained herein is true and complete
SURFACE LOCATION (SL) N: 593374.9 — E: 574278.9	NAU 83 GKIU — NM EAST	G: FOUND BRASS CAP "1941" N 595988.5 — E 575053.3	to the best of my knowledge and belief, and that this organization either
LAT: 32.6311915* N	A: FOUND BRASS CAP "1941"		owns a working interest or unleased mineral interest in the land including
LONG: 104.2263272° W	N 590878.6 — E 564448.2	H: FOUND BRASS CAP "1941" N 593357.1 — E 575028.3	the proposed bottom hole location or has a right to drill this well at this
FIRST TAKE POINT (FTP)	B: FOUND BRASS CAP "1941"		
1830' FSL & 100' FEL - SEC 25	N 593529.7 - E 564463.5	1: FOUND BRASS CAP "1941" N 590726.4 - E 575003.7	location pursuant to a contract with an owner of such a mineral or working
N: 592557.9 - E: 574920.9 LAT: 32.6289439* N	C: FOUND BRASS CAP "1941"		interest, or to a voluntary pooling agreement or a compulsory pooling
LONG: 104.2242445° W	N 596181.5 - E 564479.0	J: FOUND BRASS CAP "1941" N 590780.1 — E 572365.3	order heretofore entered by the division.
LAST TAKE POINT (LTP)	D: FOUND BRASS CAP "1941"		
1830' FSL & 100' FWL - SEC 26	N 596139.7 - E 567124.0	K: FOUND BRASS CAP "1941" N 590834.2 — E 569728.4	Signature Date
N: 592707.2 — E: 564558.7 LAT: 32.6293791° N	E: FOUND BRASS CAP "1941"		
LONG: 104.2579035° W	N 596098.3 - E 569768.4	L: FOUND BRASS CAP "1941" N 590855.8 - E 567087.2	Printed Name
BOTTOM HOLE (BH)	F: FOUND BRASS CAP "1941"		
N: 592707.6 - E: 564508.7 LAT: 32.6293804 N	N 596043.6 - E 572411.3	M: FOUND BRASS CAP "1941" N 593464.9 — E 569747.2	E-mail Address
LONG: 104 2580659' W			D 111111111111111111111111111111111111
	6'14" W 2645.44' © N 88'48'50"	W 2644.11 DN 88.48.24" W 2643.21	© 18 SURVEYOR CERTIFICATION
©		· • • • • • • • • • • • • • • • • • • •	2 I hereby certify that the well location shown on this
55	12	! ! . !	o;
285	759.4	630,	g plat was plotted from field notes of actual surveys
M	75	28	u made by me or under my supervision, and that the
<u></u>			same is true and correct to the best of my belief.
202	7,40	i i l	8 04/00/0001
200	0.53		© 04/28/2021
	ŏ	750 S.L.	Date of Survey
ξ (750° 26 —	- N	25	Date of Survey Signature and Seal of Profession Surveyors 14400
40 Ac. 1 10 Ac.		40 Ac. 40 Ac. 40 Ac.	(William C)
LTP 40 Ac. 40 Ac	70 /2.	75 7.6. 1 75 7.6.	
S L	78	FTP	(14400)
3 B.H.	44		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
1: N: 592041.7 - E: 57			14400
1: N: 592041.7 - E: 57 2: N: 592149.6 - E: 56	75016.0 % 69737.8	N 00'32'06" E 2631.51'	Certificate Number
3: N: 592204.1 - E: 56	64455.8	1 00 02 00 2 2001.51	WONAL SO
A N 80'30'23" W 2530 72'() N 80'3	< (K)	W 2638 13'() N 88'50'00" W 2639 65'	U

State of New Mexico
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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

1 /	API Number			² Pool Coo	le			3 Pool Na	me			
			9	7569	WINCHESTER; BONE SPRING, WEST							
4Property Code	4Property Code 5 Property Name CAMACHO 25-26 STATE COM									6 Well Number 204H		
7 OGRID NO	0.		*Operator Name 9 Elevation APACHE CORPORATION 3457'									
		,			10 Sur	face I	Location		41			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from	n the	North/South line	Feet From the	East/Wes	st line	County	
P	25	198	27E		397	<u>' </u>	SOUTH	650	EAS	T	EDDY	
			11]	Bottom :	Hole Loca	ation	If Different Fro	om Surface				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from	n the	North/South line	Feet from the	East/Wes	st line	County	
М	26	198	S 27E 370 SOUTH 50 WEST I						EDDY			
2 Dedicated Acres	13 Joint	or Infill 1	4 Consolidation	Code 15	Order No.							

	GEODETIC DATA NAD 83 GRID — NM EAST			17OPERATOR CERTIFICATION
	SURFACE LOCATION (SL)	<u>CORNER DATA</u> NAD 83 GRID — NM EAST	G: FOUND BRASS CAP "1941"	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either
	N: 591136.4 — E: 574357.7 LAT: 32.6250383 N	A: FOUND BRASS CAP "1941" N 590878.6 - E 564448.2	N 595988.5 - E 575053.3 H: FOUND BRASS CAP "1941"	owns a working interest or unleased mineral interest in the land including
	LONG: 104.2260784* W	B: FOUND BRASS CAP "1941"	N 593357.1 - E 575028.3	the proposed bottom hole location or has a right to drill this well at this
	FIRST TAKE POINT (FTP) 370' FSL & 100' FEL - SEC 25	N 593529.7 — E 564463.5	I: FOUND BRASS CAP "1941" N 590726.4 - E 575003.7	location pursuant to a contract with an owner of such a mineral or working
	N: 591098.3 — E: 574907.2 LAT: 32.6249320 N	C: FOUND BRASS CAP "1941" N 596181.5 - E 564479.0	J: FOUND BRASS CAP "1941"	interest, or to a voluntary pooling agreement or a compulsory pooling
	LONG: 104.2242936° W LAST_TAKE_POINT_(LTP)	D: FOUND BRASS CAP "1941"	N 590780.1 — E 572365.3	order heretofore entered by the division.
	370' FSL & 100' FWL - SEC 26 N: 591247.6 - E: 564550.3	N 596139.7 - E 567124.0	K: FOUND BRASS CAP "1941" N 590834.2 - E 569728.4	Signature Date
	LAT: 32.6253671° N LONG: 104.2579341° W	E: FOUND BRASS CAP "1941" N 596098.3 - E 569768.4	L: FOUND BRASS CAP "1941" N 590855.8 — E 567087.2	Printed Name
	<u>BOTTOM HOLE (BH)</u> N: 591248.0 — E: 564500.3	F: FOUND BRASS CAP "1941" N 596043.6 - E 572411.3	M: FOUND BRASS CAP "1941"	
	LAT: 32.6253684° N LONG: 104.2580965° W	_	N 593464.9 — E 569747.2	E-mail Address
0	N 89'05'34" W 2645.99' N 89'06	"14" W 2645.44' © N 88'48'50'	" W 2644.11" EN 88'48'24" W 2643.21'	© 18 SURVEYOR CERTIFICATION
56,		1	, ,	I hereby certify that the well location shown on this
652.				plat was plotted from field notes of actual surveys
1 3			N: 592041.7 - E: 575016.0	made by me or under my supervision, and that the
10,0		3:	N: 592149.6 — E: 569737.8 N: 592204.1 — E: 564455.8	same is true and correct to the best of my belief.
00.5		00.57		04/28/2021 E. B. Date of Survey
⊗ (B)				B Signature and Seal of Profesional Santon ME
1.82		31.42	N 00°32′06" E 2631.51′	(2/14/00)0)
£ 265	3	30		$1 \qquad \frac{1}{8} \qquad \frac{1}{8} \qquad \frac{1}{8} \qquad \frac{1}{8} \qquad \frac{1}{1}$
. 44.	[50° 40 Ac.	8	40 Ac.	14400
61.00	B.H. 40 Ac. 40 Ac.	40 Ac. 7 40 Ac.	40 Ac. 40 Ac. S.L. 650'	Certificate Number
NO NO	370'	≥ ®	397 FTF	07/10/2021
(A)	N 80'30'27" W 26 TO 72' N 80'T	1'50" W 2641 02' N 88'40'20	" W 2638 13' N 88'50'00" W 2639.65"	1-6 No 1/521040404

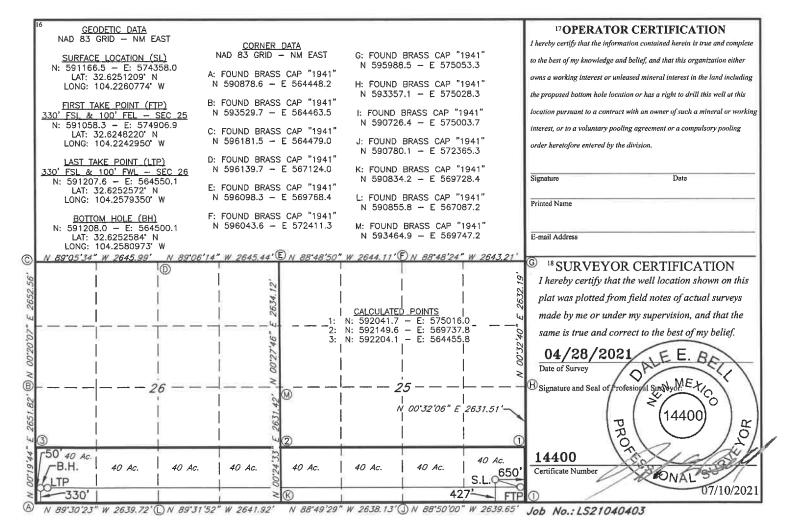
State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

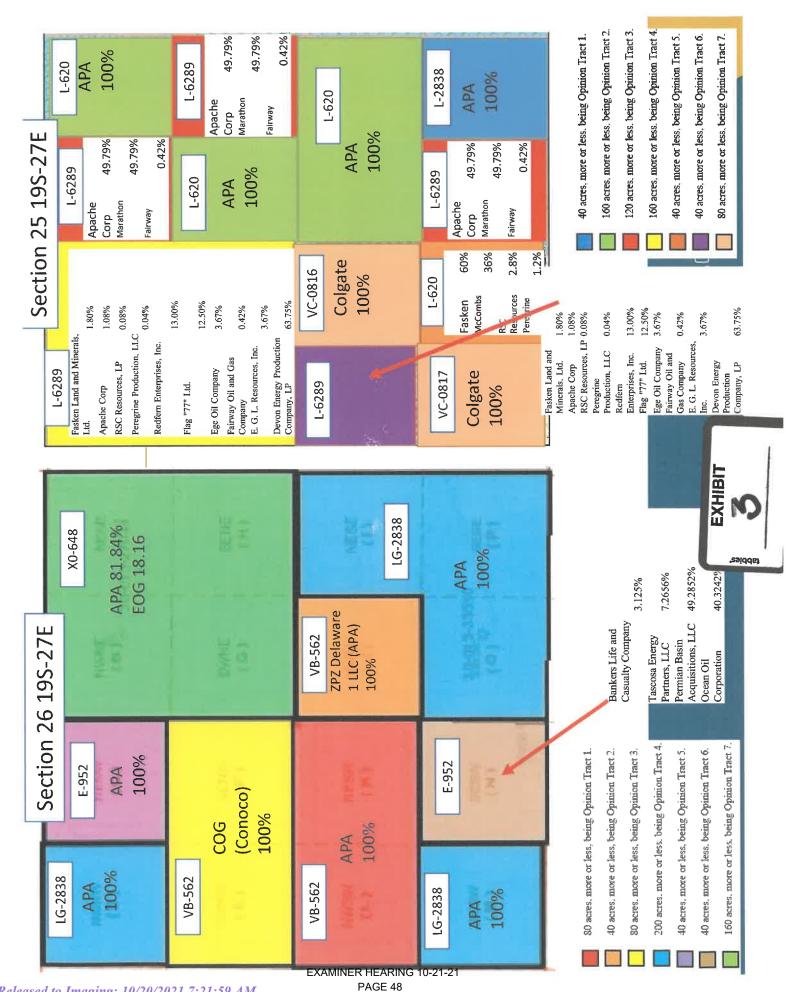
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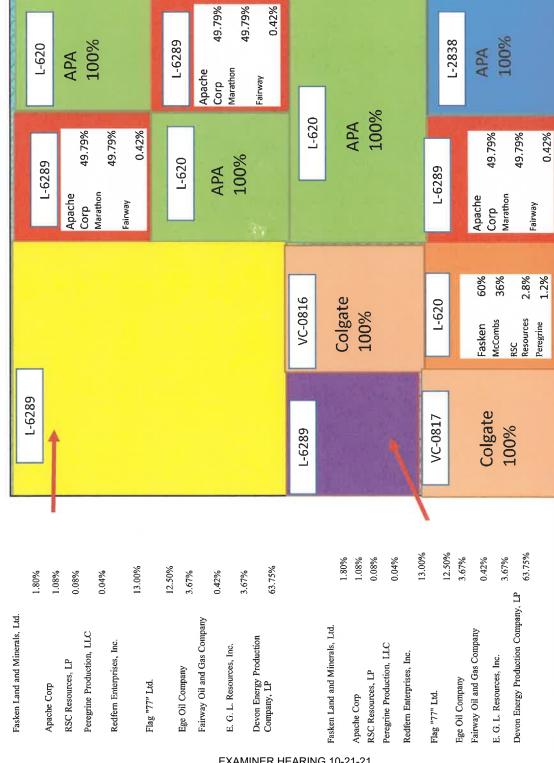
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

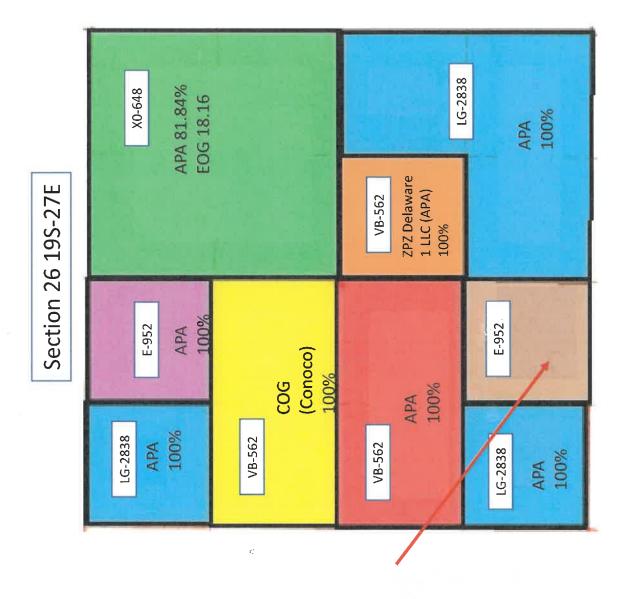
ı	API Number		9	7 ^{2 Pool Code}	;	WINCHEST	ER; BONE	[®] SPRING	G, WE	EST
4Property Coo	le			CAMAC	SProperty	Name 6 STATE COM			6	Well Number
7 OGRID N	10.			AP	*Operator	Name RPORATION				Elevation 3458'
					10 Surface	e Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/Wes	t line	County
P	25	19S	27E		427	SOUTH	650	EAS	T	EDDY
			п]	3ottom F	Hole Locatio	n If Different Fr	om Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes	t line	County
M	26	195	27E		330	SOUTH	50	WES	T	EDDY
² Dedicated Acres	13 Joint	or Infill 14	Consolidation	Code 15	Order No.					·







Apache



EXAMINER HEARING 10-21-21 PAGE 50

Bankers Life and Casualty Company 49,2852%

Ocean Oil Corporation

7.2656%

Permian Basin Acquisitions, LLC

3.125%

Tascosa Energy Partners, LLC 40.3242%

		Z	/2 N/2 Developme	N/2 N/2 Development- Application 21837	837			
	Tract NENE 25	NWNE 25	NWNE 25 N/2 W/2 25	N/2 NE/4 26	NE/4 NW/4 26	NE/4 NW/4 26 NW/4 NW/4 26	Total	Pooled/JOA
Tract partipation Factor	0.125	0.125	0.25	0.25	0.125	0.125		
WI Owners								
Apache Corporation	1	0.497912	0.0108	0.819445	1	T	0.6421 JOA	JOA
Marathon Oil Permian, LLC		0.497912					0.062239 Pooled	Pooled
Fairway Oil and Gas Company		0.004176					0.000522 Pooled	Pooled
Fasken Land and Minerals, Ltd.			0.018000				0.0045	0.0045 Pooled
RSC Resources, LP			0.000840				0.00021 Pooled	Pooled
Peregrine Production, LLC			0.000360				0.00009 Pooled	Pooled
Redfern Enterprises, Inc.			0.130000				0.0325	0.0325 Pooled
Flag "77" Ltd.			0.125000				0.03125 Pooled	Pooled
Ege Oil Company			0.036667				0.009167 Pooled	Pooled
Fairway Oil and Gas Company			0.004176				0.001044 Pooled	Pooled
PBEX, LLC			0.036667				AOL 70109167 JOA	JOA
Devon Energy Production Company, LP			0.637490				0.159373 Pooled	Pooled
EOG Resources LLC				0.18055556			0.045139 Pooled	Pooled

		S/2 N/	S/2 N/2 Development- Application 21838	pplication 21838			
Tract partipation Factor	0.125	0.125	0.25	0.25	0.25		
WI Owners							
Apache Corporation	0.497912005	1	0.0108	0.819445		0.3921 JOA	
Marathon Oil Permian, LLC	0.497912					0.062239 Pooled	
Fairway Oil and Gas Company	0.004176					0.000522 Pooled	
Fasken Land and Minerals, Ltd.			0.018000			0.0045 Pooled	
RSC Resources, LP			0.000840			0.00021 Pooled	
Peregrine Production, LLC			0.000360			0.00009 Pooled	
Redfern Enterprises, Inc.			0.130000			0.0325 Pooled	
Flag "77" Ltd.			0.125000			0.03125 Pooled	
Ege Oil Company			0.036667			0.009167 Pooled	
Fairway Oil and Gas Company			0.004176			0.001044 Pooled	
PBEX, LLC			0.036667			0.009167 JOA	
Devon Energy Production Company, LP			0.637490			0.159373 Pooled	
EOG Resources LLC				0.18055556		0.045139 Pooled	
Concho Oil and Gas, LLC/ COG Operating, LLC/ ConocoPhillips					1	0.25 Pooled	

		N/2	5/2 Development-	N/2 S/2 Development- Application 21839				
	Tract N/2 SE/4 25 NE/4	NE/4 SW/4 25	SW/4 25 NW/4 SW/4 25 NE/4 SE/4 26	NE/4 SE/4 26	NW/4 SE/4 26 N/2 SW/4 26	N/2 SW/4 26	Total	Pooled/JOA
Tract partipation Factor	0.25	0.125	0.125	0.125	0.125	0.25		
WI Owners								
Apache Corporation	1			1.000000	T	ਜ	0.7	0.75 JOA
Colgate Production LLC		1					0.12	0.125 Pooled
Fasken Land and Minerals, Ltd.			0.018000000				0.0022	0.00225 Pooled
McCombs Energy, Ltd.			0.010800000				0.0013	0.00135 Pooled
RSC Resources, LP			0.000840000				0.00010	0.000105 Pooled
Peregrine Production, LLC			0.000360000				0.00004	0.000045 Pooled
Redfern Enterprises, Inc.			0.130000000				0.0162	0.01625 Pooled
Flag "77" Ltd.			0.125000000				0.01562	0.015625 Pooled
Ege Oil Company			0.036666666				0.00458	0.004583 Pooled
Fairway Oil and Gas Company			0.004175990				0.00052	0.000522 Pooled
PBEX, LLC			0.036667000				0.004583 JOA	3 JOA
Devon Energy Production Company, LP			0.637490344				0.07968	0.079686 Pooled

		S	/2 S/2 Developmer	S/2 S/2 Development- Application 21840	01				Poolbed/10A
	Tract SE/4 SE/4 25 SW/4 SE/4 25 SE/4 SW/4 25	SW/4 SE/4 25	SE/4 SW/4 25	SW/4 SW/4 25 S/2 SE/4 26	2 SE/4 26	SE/4 SW/4 26 SW/4 SW/4 26	SW/4 SW/4 26	Total	
Tract partipation Factor	0.125	0.125	0.125	0.125	0.25	0.125	0.125		
WI Owners									JOA
Apache Corporation	1	0.497912			1.000000		1	0.562239 Pooled	poled
Marathon Oil Permian, LLC		0.497912						0.062239 Pooled	poled
Fairway Oil and Gas Company		0.004176						0.000522 Pooled	ooled
Fasken Land and Minerals, Ltd.			9.0					0.075 Pooled	ooled
McCombs Energy, Ltd.			0.36					0.045 Pooled	poled
RSC Resources, LP			0.028					0.0035 Pooled	poled
Peregrine Production, LLC			0.012					0.0015 Pooled	ooled
Colgate Production LLC				1.0000000000				0.125 Pooled	poled
Bankers Life and Casualty Company						0.031250		0.003906 Pooled	poled
Tascosa Energy Partners						0.072656		0.009082 Pooled	poled
Permian Basin Acquisitions, LLC						0.4928517		0.061606 Pooled	poled
Ocean Oil Corporation						0.4032423		0.050405 Pooled	poled

OVERRIDING ROYALTY INTEREST OWNERS

- Faulconer Resources 1999 Limited Partnership
- Hold the Door, LP
- RSC Resources, LP
- Peregrine Production LLC
- Oxy USA WTP LP
- Leo Momsen, Jr.
- Gus Momsen, III
- Margaret Momsen
- Virginia M. Grady
- Frances M. Cunningham
- Clarence L. North Jr.
- Will Holt and wife, Vina Holt
- Meredith Jones
- Jonell Jones
- Marathon Oil Company
- Yates Brothers Partnership

Summary of Attempted Contacts

- Apache Corporation ("Apache") conducted extensive title work to determine the working interest owners and other interest owners.
- Apache searched public records, phone directory, and various different types of internet searches.
- Apache sent well proposal letters to the working interest owners on or around February 22, 2021.
- Apache proposed general terms of a Joint Operating Agreements (JOA) within the well proposal letters sent to working interest owners and offered to send said form to owners upon request.
- Apache filed an application to force pool parties who had not entered in to an agreement.
- Apache's counsel sent notices of the force pooling application to the addresses of record for the uncommitted interest owners.
- I have had multiple communications with V-F Petroleum, Inc. and COG Operating LLC and Concho Oil and Gas.
- V-F Petroleum's interests were acquired by Colgate after these cases were filed. Colgate has entered an appearance in these cases and does not oppose Apache's pooling applications. V-F Petroleum has now withdrawn its entry of appearance.
- COG Operating LLC and Concho Oil and Gas (now ConocoPhillips) do not object to these cases going forward.
- Apache also published notice in a newspaper of general circulation in the county where the wells will be located.





February 22, 2021

VIA CERTIFIED MAIL, RETURN RECEIPT ARTICLE # 9414 8149 0216 9397 0203 13

EOG Y Resources, Inc. 104 S. 4th Street Artesia, NM 88210

RE: WELL PROPOSALS

Camacho 25-26 State Com 201H Camacho 25-26 State Com 202H Camacho 25-26 State Com 203H Camacho 25-26 State Com 204H Camacho 25-26 State Com 301H Camacho 25-26 State Com 302H Camacho 25-26 State Com 303H Camacho 25-26 State Com 304H Sections 25 and 26, T19S-R27E Eddy County, New Mexico

Dear Working Interest Owner,

Apache Corporation (herein referred to as "Apache") proposes to drill the following wells located in the referenced sections in order to sufficiently and effectively test the 2nd Bone Spring and 3rd Bone Spring formations. Further, the details and specifications of the herein proposed 2nd Bone Spring and 3rd Bone Spring wells are as follows:

Well Name: CAMACHO 25-26 STATE COM 201H
Approx. Surface Location: NE/4 NE/4 (Unit A) - Section 25-19S-27E
Approx. Terminus: NW/4 NW/4 (Unit D)- Section 26-19S-27E

Objective: 2nd Bone Spring

Approx. Total Vertical Depth: 7,030'
Approx. Total Measured Depth: 17,380'
Dry Hole Costs: \$2,442,480
Completed Well Costs: \$2,516,863
Equipping Costs: \$500,000
Total Well Costs: \$5,459,343

Well Name: CAMACHO 25-26 STATE COM 202H

Approx. Surface Location: SE/4 NE/4 (Unit H) – Section 25 -19S-27E Approx. Terminus: SW/4 NW/4 (Unit E)- Section 26-19S-27E

Objective: 2nd Bone Spring

Approx. Total Vertical Depth: 7,045'
Approx. Total Measured Depth: 17,395'
Dry Hole Costs: \$2,442,480
Completed Well Costs: \$2,516,863
Equipping Costs: \$500,000
Total Well Costs: \$5,459,343



Camacho 25-26 Development February 22, 2021 Page 2 of 12

Well Name: CAMACHO 25-26 STATE COM 203H

Approx. Surface Location: NE/4 SE/4 (Unit I) - Section 25-19S-27E
Approx. Terminus: NW/4 SW/4 (Unit L)- Section 26-19S-27E

Objective: 2nd Bone Spring

Approx. Total Vertical Depth: 7,045'
Approx. Total Measured Depth: 17,395'
Dry Hole Costs: \$2,442,480
Completed Well Costs: \$2,516,863
Equipping Costs: \$500,000
Total Well Costs: \$5,459,343

Well Name: CAMACHO 25-26 STATE COM 204H

Approx. Surface Location: SE/4 SE/4 (Unit P) - Section 25-19S-27E
Approx. Terminus: SW/4 SW/4 (Unit M)- Section 26-19S-27E

Objective: 2nd Bone Spring

Approx. Total Vertical Depth: 7,095'
Approx. Total Measured Depth: 17,445'
Dry Hole Costs: \$2,442,480
Completed Well Costs: \$2,516,863
Equipping Costs: \$500,000
Total Well Costs: \$5,459,343

Well Name: CAMACHO 25-26 STATE COM 301H

Approx. Surface Location: NE/4 NE/4 (Unit A) - Section 25-19S-27E
Approx. Terminus: NW/4 NW/4 (Unit D)- Section 26-19S-27E

Objective: 3rd Bone Spring

Approx. Total Vertical Depth: 8,310'
Approx. Total Measured Depth: 18,660'
Dry Hole Costs: \$2,941,080
Completed Well Costs: \$3,085,586
Equipping Costs: \$500,000
Total Well Costs: \$6,526,666

Well Name: CAMACHO 25-26 STATE COM 302H

Approx. Surface Location: SE/4 NE/4 (Unit H) - Section 25-19S-27E
Approx. Terminus: SW/4 NW/4 (Unit E)- Section 26-19S-27E

Objective: 3rd Bone Spring

Approx. Total Vertical Depth: 8,310'
Approx. Total Measured Depth: 18,660'
Dry Hole Costs: \$2,941,080
Completed Well Costs: \$3,085,586
Equipping Costs: \$500,000
Total Well Costs: \$6,526,666

Camacho 25-26 Development February 22, 2021 Page 3 of 12

Well Name: CAMACHO 25-26 STATE COM 303H

Approx. Surface Location: NE/4 SE/4 (Unit I) - Section 25-19S-27E
Approx. Terminus: NW/4 SW/4 (Unit L)- Section 26-19S-27E

Objective: 3rd Bone Spring

Approx. Total Vertical Depth: 8,290'
Approx. Total Measured Depth: 18,640'
Dry Hole Costs: \$2,941,080
Completed Well Costs: \$3,085,586
Equipping Costs: \$500,000
Total Well Costs: \$6,526,666

Well Name: CAMACHO 25-26 STATE COM 304H

Approx. Surface Location: SE/4 SE/4 (Unit P) - Section 25-19S-27E
Approx. Terminus: SW/4 SW/4 (Unit M)- Section 26-19S-27E

Objective: 3rd Bone Spring

Approx. Total Vertical Depth:
Approx. Total Measured Depth:
Dry Hole Costs:
Completed Well Costs:
Equipping Costs:
Total Well Costs:
\$3,085,586
\$500,000
\$6,526,666

Also enclosed is an AFE for the facility. The estimated cost of the Camacho 25-26 facility is \$5,405,000. The Camacho 25-26 facility will service eight (8) Bone Spring horizontal wells. Costs for the Camacho 25-26 facility will be shared proportionally by working interest owners in the wells across the sections. An election to participate in the wells will be an election to participate in this facility with your proportionate share of the working interest and this facility AFE is not a separate election.

Apache is proposing the Operations under the terms of a modified 1989 AAPL Model Form Operating Agreement ("JOA") covering Sections 25 and 26, 19S-27E, Eddy County, New Mexico with the following general provisions:

- 100%/300% Non-consenting penalty
- Drilling and Producing Rate of \$8,000/\$800
- Apache named as Operator

Enclosed, please find in duplicate our detailed AFES for your review. Should you wish to participate in Apache's proposed tests, please signify your acceptance by returning one (1) copy of each executed election ballot and (1) copy of each executed AFE, along with your well information requirement form. If you do not wish to participate in the proposed wells, Apache is willing to discuss an acquisition of your interest, subject to final management approval and contingent on reaching mutually satisfactory terms.

Camacho 25-26 Development February 22, 2021 Page 4 of 12

If we do not reach an agreement within thirty (30) days from the date of this letter, Apache will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed well(s). Please reach out to me at the email address below if you are interested in this option.

Should you have any further questions, please contact me at blake.johnson@apachecorp.com

Sincerely,

APACHE CORPORATION

Blake Johnson Landman Camacho 25-26 Development February 22, 2021 Page 5 of 12

WELL PROPOSAL ELECTION BALLOT Camacho 25-26 State Com 201H

Sections 25-26 of T19S-R27E
Eddy County, New Mexico

Eddy County, New Mexico
Elects to participate in the drilling and completion of the Camacho 25-26 State Com 201H OR
Does NOT elect to participate in the drilling and completion of the Camacho 25-26 State Com 201H
By:
Printed Name:
Company Name (if applicable):
Date:
Email Address:

Camacho 25-26 Development February 22, 2021 Page 6 of 12

WELL PROPOSAL ELECTION BALLOT

Camacho 25-26 State Com 202H Sections 25-26 of T19S-R27E Eddy County, New Mexico

Eddy County, New Mexico
Elects to participate in the drilling and completion of the Camacho 25-26 State Com 202H
OR
Does NOT elect to participate in the drilling and completion of the Camacho 25-26 State Com 202H
Deca
By:
Printed Name:
Company Name (if applicable):
Date:
Email Address:

Camacho 25-26 Development February 22, 2021 Page 7 of 12

WELL PROPOSAL ELECTION BALLOT

Camacho 25-26 State Com 203H Sections 25-26 of T19S-R27E Eddy County, New Mexico

Eddy County, New Mexico
Elects to participate in the drilling and completion of the Camacho 25-26 State Com 203H OR
Does <u>NOT</u> elect to participate in the drilling and completion of the Camacho 25-26 State Com 203H
By:
Printed Name:
Company Name (if applicable):
Date:
Email Address:

Camacho 25-26 Development February 22, 2021 Page 8 of 12

WELL PROPOSAL ELECTION BALLOT

Camacho 25-26 State Com 204H Sections 25-26 of T19S-R27E Eddy County, New Mexico

Eddy County, New Mexico
Elects to participate in the drilling and completion of the Camacho 25-26 State Com 204H
OR
Does NOT elect to participate in the drilling and completion of the Camacho 25-26 State Com 204H
By:
Printed Name:
Company Name (if applicable):
Date:
Email Address:

Camacho 25-26 Development February 22, 2021 Page 9 of 12

WELL PROPOSAL ELECTION BALLOT

Camacho 25-26 State Com 301H Sections 25-26 of T19S-R27E Eddy County, New Mexico

Eddy County, New Mexico
Elects to participate in the drilling and completion of the Camacho 25-26 State Com 301H OR
Does NOT elect to participate in the drilling and completion of the Camacho 25-26 State Com 301H
By:
Printed Name:
Company Name (if applicable):
Date:
Email Address:

Camacho 25-26 Development February 22, 2021 Page 10 of 12

WELL PROPOSAL ELECTION BALLOT

Camacho 25-26 State Com 302H Sections 25-26 of T19S-R27E Eddy County, New Mexico

Eddy County, New Mexico
Elects to participate in the drilling and completion of the Camacho 25-26 State Com 302H
OR
Does NOT elect to participate in the drilling and completion of the Camacho 25-26 State Com 302H
By:
Printed Name:
Company Name (if applicable):
Date:
Email Address:

Camacho 25-26 Development February 22, 2021 Page 11 of 12

WELL PROPOSAL ELECTION BALLOT

Camacho 25-26 State Com 303H Sections 25-26 of T19S-R27E Eddy County, New Mexico

	Eddy County, New Mexico
	Elects to participate in the drilling and completion of the Camacho 25-26 State Com 303H
OR	
	Does NOT elect to participate in the drilling and completion of the Camacho 25-26 State Com 303H
Ву:	
Printed	Name:
Compar	ny Name (if applicable):
Date: _	
Email A	Address:

Camacho 25-26 Development February 22, 2021 Page 12 of 12

WELL PROPOSAL ELECTION BALLOT

Camacho 25-26 State Com 304H Sections 25-26 of T19S-R27E Eddy County, New Mexico

Eddy County, New Mexico
Elects to participate in the drilling and completion of the Camacho 25-26 State Com 304H OR
Does NOT elect to participate in the drilling and completion of the Camacho 25-26 State Com 304H
By:
Printed Name:
Company Name (if applicable):
Date:
Email Address:



Camacho Development Camacho 25-26 State Com 201H AFE

Acct	Description	Dry Hole	Completion	Equipping	Total Well Cost
	Drilling/Percentage Overhead	\$0	\$0	\$0	\$0
	Bits Coreheads and Reamers	\$75,000	\$3,741	\$0	\$78,741
	Casing Crews	30,000	\$0	\$0	\$30,000
	Cement and Cementing Services	164,180	\$0	\$0	\$164,180
	Chemicals	\$0	\$187,046	\$0	\$187,046
	Communications	5,400	\$0	\$0	\$6,400
	Company Supervision	3,500	\$8,016	\$20,000	\$31,516
	Company Vehicle and/or Boat	500	\$573	\$1,000	\$2,073
	Contract Labor	30,000	ŚO	\$50,000	\$80,000
	Contract Rigs - Daywork	360,000	\$0	\$24,000	\$384,000
	CONTRACT RIGS - FOOTAGE/TURNKEY	42,500	so	\$0	\$42,500
	Contract Supervision	75,000	\$94,679	\$0	\$169,679
	Directional Drilling	200,000	\$0	\$0	\$200,000
	Drilling Fluids	275,000	ŝo	\$0	\$275,000
	Electrical Contract	ŚO	\$0	\$25,000	\$25,000
	Equipment Rental	90,000	\$61,402	\$15,000	\$166,402
	Formation and Well Stimulation	\$0	\$467,670	\$0	\$467,670
	Formation Testing	\$0	\$51,300	\$0	\$51,300
	Fuel Fuel	59,000	\$165,532	\$0	\$224,532
	Land and Site Reclamation	10,000	\$0	\$0	\$10,000
	Legal and Curative	20,000	50	\$0	\$20,000
		\$0	\$282,830	\$15,000	\$297,830
	Logging LOE-Other	15,000	\$0	ŚD	\$15,000
	Rig Mobilization	140,000	ŚO	\$0	\$140,000
	Road and Site Preparation	100,000	\$9,619	\$0	\$109,619
	7 Salt Water Disposal	\$0	\$14,587	\$0	\$14,587
	Coiled Tubing	ŝo	\$110,397	\$0	\$110,397
	1 Trucking and Hauling	35,000	\$0	\$15,000	\$50,000
	Tubular Inspection/Testing	70,000	\$0	\$0	\$70,000
	7 Water	40,000	\$298,366	\$5,000	\$343,366
	B Wellsite Damages, Loss, Rightof- Way	20,000	\$0	\$10,000	
	6 Containment Disposal Expense	110,000	SO	\$0	
	1 Automation Labor	\$0	\$0	\$16,000	\$16,000
	9 Camp Rentals	30,100	\$0	\$0	\$30,100
	5 Flowback Tester	\$0	\$24,672	\$20,000	\$44,67
	7 Pump Truck Service	\$0	ŚO		\$5,000
	8 Sand/Proppant	\$0	\$448,362		
	3 Mud Logging	10,500	ŝo		\$10,50
	5 Drilling Operations Center	\$0	\$0	\$0	\$
	S Water Transfer	\$0	\$81,759		\$81,75
	6 Water Treatment	\$0	\$40,905		
	9 Frac Plugs	\$0	\$44,888	-	
	1 Frac Valve / Frac Tree	\$0	\$111,179	-	
	9 Safety Case	5,000	ŚC	_	
7052 Subtotal	Intangible Materials Cost	\$2,016,680	\$2,507,523		

Acct	Description	Dry Hole	Completion	Equipping	Total Well Cost
	Artificial Lift Equipment	\$0	\$0	\$30,000	\$30,000
	Flow Lines	\$0	\$0	\$45,000	\$45,000
	Instrumentation	SO	\$0	\$30,000	\$30,000
	Intermediate Casing	83,000	\$0	\$0	\$83,000
	Other Subsurface Equipment	19,000	\$0	\$50,000	\$69,000
	Personnel Safety Systems	\$0	\$9,340	\$0	\$9,340
	Pipe, Valves, Fittings and Anodes	\$0	\$0	\$25,000	\$25,000
	Production Casing	266,000	\$0	\$0	\$266,000
	Pumps - Surface	\$0	\$0	\$4,000	\$4,000
	Surface Casing	12,800		\$0	\$12,800
	Tubing	\$0	\$0	\$75,000	\$75,000
	Wellhead Assembly	45,000	SO	\$20,000	\$65,000
Subtotal	Tangible Materials Cost	\$425,800		\$279,000	\$714,140

Description	Dry Hole	Completion	Equipping	Total Well Cost
Subtotal Intangible Costs	\$2,016,680	\$2,507,523	\$221,000	\$4,745,203
Subtotal Tangible Costs	\$425,800	\$9,340	\$279,000	\$714,140
Grand Total	\$2,442,480	\$2,516,863	\$500,000	\$5,459,343

Orilling

Notes: Drill a horizontal well to produce the 2nd Bone Spring Sand formation as follows: Preset 17-1/2" hole to 400' with spudder rig. Set 13-3/8" 488 H-40 casing and cement to surface. Drill a 12-1/4" hole to 3000'. Set 9-5/8" 408 H-55 casing and cement to surface. Drill an 8-3/4" depth of "6800'. Drill an 8-3/4" curve at 12 DEG/100' and land at "7600' MD, 7250' TVD. Drill a "9800'. 81/2" lateral section to TD of "1750' MD, 7150' TVD. Set and cmt 5-1/2" 208' CYP-110 GB-CD casing string to 17500'. Estimated time is 3 days MIRU + 9 Days to Drill + 2 days TD-RR. Rig Rate = \$25,500K per day.

60 Stage P&P complete 10,360 ft. lateral @ 170 ft/stg 1500 #/ft. 0% RC 36 BBL/ft water @ 0.72 \$/BBL

Equipping
This AFE will provide funds to equip and produce a horizontal well. The funds requested will be used to purchase and install headers for production flowlines and gas injection flowline for the pad, installation of artificial lift, flow back for two weeks, wellhead automation, and production tree.

CAMACHO 25-26 STATE COM 201H

Partner Signature:	
Printed Owner Name:	
Date:	

EXAMINER HEARING 10-21-21 PAGE 69





Camacho Development Camacho 25-26 State Com 301H AFE

Acct		Description	Dry Hole	Completion	Equipping	Total Well Cost
	65506	Drilling/Percentage Overhead	SO.	ŚD	\$0	\$0
		Bits Coreheads and Reamers	\$92,500	\$3,741	\$0	\$96,241
		Casing Crews	35000	\$0	\$0	\$35,000
_		Cement and Cementing Services	173080	ŚO	SO	\$173,080
		Chemicals	\$0	\$232,773	\$0	\$232,773
_		Communications	9600	\$0	\$0	\$9,600
_		Company Supervision	3500	\$8,016	\$20,000	\$31,516
_		Company Supervision Company Vehicle and/or Boat	500	\$573	\$1,000	\$2,073
_		Contract Labor	35000	\$0	\$50,000	\$85,000
_		Contract Cabor Contract Rigs - Daywork	560000	50	\$24,000	\$584,000
_			42500	\$0	\$0	\$42,500
_		CONTRACT RIGS - FOOTAGE/TURNKEY	106000	\$94,679	\$0	\$200,679
_		Contract Supervision	220000	\$0	\$0	\$220,000
_		Directional Drilling	350000	\$0	50	\$350,000
_		Drilling Fluids	\$0	50	\$25,000	\$25,000
_		Electrical Contract	135000	\$61,402	\$15,000	\$211,402
		Equipment Rental	\$0	\$641,378	\$15,000	\$641,378
_		Formation and Well Stimulation	\$0	\$51,300	\$0	\$51,300
	-	Formation Testing	87000	\$242,312	\$0	\$329,312
	70037			\$242,312	\$0	\$10,000
		Land and Site Reclamation	10000	\$0	\$0	\$20,000
		Legal and Curative	20000		\$15,000	\$297,830
		Logging	\$0	\$282,830 \$0	\$15,000	\$15,000
		LOE-Other	15000		\$0	\$140,000
		Rig Mobilization	140000		\$0	
		Road and Site Preparation	100000		\$0	\$109,619
	70067	Salt Water Disposal	\$0	\$14,587		
		Coiled Tubing	\$0	\$110,397	\$0	\$110,397
		Trucking and Hauling	35000		\$15,000	
		Tubular Inspection/Testing	75000		\$0	\$75,000
		Water	45000		\$5,000	\$442,553
	70078	Wellsite Damages, Loss, Rightof- Way	20000		\$10,000	\$30,000
	70116	Containment Disposal Expense	125000		\$0	\$125,000
	70121	Automation Labor	\$0	\$0	\$16,000	\$16,000
	70169	Camp Rentals	44100			\$44,100
	70186	Flowback Tester	\$0	\$24,672	\$20,000	
	70187	Pump Truck Service	\$0	\$0		\$5,000
	70198	Sand/Proppant	\$0	\$613,602	\$0	
	70243	Mud Logging	16,500		-	-
	70255	Drilling Operations Center	\$0	\$0	+	+
	70285	Water Transfer	\$0	\$81,759		
	70286	Water Treatment	\$0		-	
	70289	Frac Plugs	\$0			
		Frac Valve / Frac Tree	\$0			
		Safety Case	5000	\$0	\$0	\$5,00

	Tangib	e Development Cost	ts		
Acct	Description	Dry Hole	Completion	Equipping	Total Well Cost
	Artificial Lift Equipment	\$0	\$0	\$30,000	\$30,000
	Flow Lines	\$0	\$0	\$45,000	\$45,000
	Instrumentation	\$0	\$0	\$30,000	\$30,000
	Intermediate Casing	83000	\$0	\$0	\$83,000
	Other Subsurface Equipment	19000	\$0	\$50,000	\$69,000
	Personnel Safety Systems	\$0	\$9,340	\$0	\$9,340
	Pipe, Valves, Fittings and Anodes	\$0	\$0	\$25,000	\$25,000
	Production Casing	281000	\$0	\$0	\$281,000
	Pumps - Surface	\$0	\$0	\$4,000	\$4,000
	Surface Casing	12800	\$0	\$0	\$12,800
		\$0	\$0		\$75,000
	Tubing	45000		-	\$65,000
71056 Subtotal	Wellhead Assembly Tangible Materials Cost	\$440,800	\$9,340	\$279,000	\$729,140

Description	Dry Hole	Completion	Equipping	Total Well Cost
Subtotal Intangible Costs	\$2,500,280	\$3,076,247	\$221,000	\$5,797,527
Subtotal Tangible Costs	\$440,800		\$279,000	\$729,140
Grand Total	\$2,941,080	\$3,085,586	\$500,000	\$6,526,666

Drilling

Drill a horizontal well to produce the 3rd Bone Spring Sand formation as follows: Preset 17-1/2" hole to 400' with spudder rig. Set 13-3/8" 48# H-40 casing and cement to surface. Drill a 12-1/4" hole to 3000'. Set 9-5/8" 408 J-55 casing and cement to surface. Drill an 8-3/4" depth of "6800'. Drill an 8-3/4" curve at 12 DEG/100' and land at "8600' MD, 8250' TVD. Drill a "9800, 8-1/2" lateral section to TD of "18500' MD, 8500' TVD. Set and cement 5-1/2" 20# CVP-110 GB-CD casing string to 18500'. Estimated time is 3 days MIRU + 9 Days to Drill 2 3 days TD-98 in Bate = \$55 SONY car days 9 Days to Drill + 2 days TD-RR. Rig Rate = \$25,500K per day.

Completions 60 Stage P&P complete 10,350 ft. lateral @ 170 ft/stg 2100 #/ft. 0% RC 48 BBL/ft water @ 0.72 \$/BBL

Equipping

This AFE will provide funds to equip and produce a horizontal well. The funds requested will be used to purchase and install headers for production flowlines and gas injection flowline for the pad, installation of artificial lift, flow back for two weeks, wellhead automation, and production tree.

CAMACHO 25-26 STATE COM 301H

artner Signature:	
Printed Owner Name:	
Date:	



Camacho Development Camacho 25-26 State Com 202H AFE

Acct		Description	Dry Hole	Completion	Equipping	Total Well Cost
		Drilling/Percentage Overhead	\$0	\$0	\$0	\$0
		Bits Coreheads and Reamers	\$75,000	\$3,741	\$0	\$78,741
		Casing Crews	30,000	\$0	\$0	\$30,000
		Cement and Cementing Services	164,180	\$0	\$0	\$164,180
		Chemicals	SO	\$187,046	\$0	\$187,046
	-	Communications	6,400	\$0	\$0	\$6,400
		Company Supervision	3,500	\$8,016	\$20,000	\$31,516
		Company Vehicle and/or Boat	500	\$573	\$1,000	\$2,073
		Contract Labor	30,000	\$0	\$50,000	\$80,000
		Contract Rigs - Daywork	360,000	\$0	\$24,000	\$384,000
		CONTRACT RIGS - FOOTAGE/TURNKEY	42,500	SO	\$0	\$42,500
		Contract Supervision	75,000	\$94,679	\$0	\$169,679
_		Directional Drilling	200,000	\$0	\$0	\$200,000
		Drilling Fluids	275,000	\$0	\$0	\$275,000
		Electrical Contract	\$0	\$0	\$25,000	\$25,000
	_	Equipment Rental	90,000	\$61,402	\$15,000	\$166,402
		Formation and Well Stimulation	\$0	\$467,670	\$0	\$467,670
		Formation Testing	\$0	\$51,300	\$0	\$51,300
	0037		59,000	\$165,532	\$0	\$224,532
		Land and Site Reclamation	10,000	\$0	\$0	\$10,000
	_	Legal and Curative	20,000	\$0	\$0	\$20,000
		Logging	SO.	\$282,830	\$15,000	\$297,830
		LOE-Other	15,000	\$0	\$0	\$15,000
		Rig Mobilization	140,000	\$0	\$0	\$140,000
		Road and Site Preparation	100,000	\$9,619	\$0	\$109,619
		Salt Water Disposal	\$0	\$14,587	\$0	\$14,587
	_	Coiled Tubing	\$0	\$110,397	\$0	\$110,397
		Trucking and Hauling	35,000	\$0	\$15,000	\$50,000
		Tubular Inspection/Testing	70,000	\$0	\$0	\$70,000
		Water	40,000	\$298,366	\$5,000	\$343,366
	-	Wellsite Damages, Loss, Rightof- Way	20,000	\$0	\$10,000	\$30,000
		Containment Disposal Expense	110,000	\$0	\$0	\$110,000
_		Automation Labor	\$0	\$0	\$16,000	\$16,000
	_	Camp Rentals	30,100	\$0	\$0	\$30,100
		Flowback Tester	\$0	\$24,672	\$20,000	\$44,67
		Pump Truck Service	\$0	\$0	\$5,000	\$5,000
		Sand/Proppant	\$0	\$448,362	\$0	\$448,36
		Mud Logging	10,500	\$0	\$0	\$10,50
		Drilling Operations Center	\$0	\$0	\$0	\$1
		Water Transfer	\$0	\$81,759	\$0	\$81,75
_		Water Treatment	\$0	\$40,905	\$0	\$40,90
		Frac Plugs	\$0	\$44,888	\$0	\$44,88
		Frac Valve / Frac Tree	\$0	\$111,179	\$0	\$111,17
		Safety Case	5,000	\$0	\$0	\$5,00

	Tangib	e Development Cost	·s		
Acct	Description	Dry Hole	Completion	Equipping	Total Well Cost
	Artificial Lift Equipment	\$0	\$0	\$30,000	\$30,000
	Flow Lines	\$0	\$0	\$45,000	\$45,000
	Instrumentation	\$0	\$0	\$30,000	\$30,000
	Intermediate Casing	83,000	\$0	\$0	\$83,000
	Other Subsurface Equipment	19,000	\$0	\$50,000	\$69,000
	Personnel Safety Systems	\$0	\$9,340	\$0	\$9,340
	Pipe, Valves, Fittings and Anodes	\$0	\$0	\$25,000	\$25,000
	Production Casing	266,000	\$0	\$0	\$266,000
	Pumas - Surface	\$0	\$0	\$4,000	\$4,000
	Surface Casing	12,800	\$0	\$0	\$12,800
	Tubing	\$0	\$0		\$75,000
	Wellhead Assembly	45,000	\$0	\$20,000	\$65,000
Subtotal	Tangible Materials Cost	\$425,800	\$9,340	\$279,000	\$714,140

Description	Dry Hole	Completion	Equipping	Total Well Cost
Subtotal Intangible Costs	\$2,016,680	\$2,507,523	\$221,000	\$4,745,203
Subtotal Tangible Costs	\$425,800	\$9,340	\$279,000	\$714,140
Grand Total	\$2,442,480	\$2,516,863	\$500,000	\$5,459,343

Drilling
Notes: Drill a horizontal well to produce the 2nd Bone Spring Sand formation as follows: Preset 17-1/2" hole to 400' with spudder rig. Set 13-3/8" 48# H-40 casing and cement to surface. Drill a 12-1/4" hole to 3000'. Set 9-5/8" 40# J-55 casing and cement to surface. Drill an 8-3/4" depth of "6800'. Drill an 8-3/4" curve at 12 DEG/100' and land at "7600' MD, 7250' TVD. Drill an "8-300. 8-1/2" lateral section to TD of "17500' MD, 7150' TVD. Set and cmt 5-1/2" 20# CYP-110 GB-CD casing string to 17500'. Estimated time is 3 days MIRU + 9 Days to Drill + 2 days TD-RR. Rig Rate = \$25,500K per day.

Completions

60 Stage P&P complete 10,360 ft. lateral @ 170 ft/stg 1500 #/ft. 0% RC 36 BBL/ft water @ 0.72 \$/BBL

Equipping
This AFE will provide funds to equip and produce a horizontal well. The funds requested will be used to purchase and install headers for production flowlines and gas injection flowline for the pad, installation of artificial lift, flow back for two weeks, wellhead automation, and production tree.

CAMACHO 25-26 STATE COM 202H

$\Delta \mu_{el}$	Camacho 25-26	State Com 5	DZH AFE		
		Development Costs			
	Description	Dry Hole C	Completion f	Equipping 1	Fotal Well Cost
	Orilling/Percentage Overhead Bits Coreheads and Reamers	\$92,500	\$3,741	\$0	\$96,24
	Casing Crews	35000	\$0	\$0	\$35,00
	Cement and Cementing Services	173080	\$0	\$0	\$173,08
	Chemicals	\$0	\$232,773	\$0	\$232,77
	Communications	9600	\$0	\$0	\$9.60
	Company Supervision	3500	\$8,016	\$20,000	\$31 51
70012	Company Vehicle and/or Boat	500	\$573	\$1,000	\$2,07
	Contract Labor	35000	\$0	\$50,000	\$85,00
70019	Contract Rigs - Daywork	560000	\$0	\$24,000	\$584,00
	CONTRACT RIGS - FOOTAGE/TURNKEY	42500	\$0	\$0	\$42,50
	Contract Supervision	106000	\$94,679	\$0	\$200,67
	Directional Drilling	220000	\$0 \$0	\$0 \$0	\$220.00 \$350.00
	Drilling Fluids	350000 \$0	\$0	\$25,000	\$25,00
	Electrical Contract Equipment Rental	135000	\$61,402	\$15,000	\$211,40
	Formation and Well Stimulation	\$0	\$641,378	\$0	\$641,37
	Formation Testing	\$0	\$51,300	\$0	\$51,30
70037		87000	\$242,312	\$0	\$329,31
	Land and Site Reclamation	10000	\$0	\$0	\$10,00
70047	Legal and Curative	20000	\$0	\$0	\$20,00
70049		\$0	\$282,830	\$15,000	\$297,83
	LOE-Other	15000	\$0	\$0	\$15,0X \$140,0X
	Ris Mobilization	140000	\$0	\$0	\$140,00
	Road and Site Preparation	100000	\$9,619 \$14,587	\$0 \$0	\$109,6
	Salt Water Disposal	\$0	\$14,587	\$0	\$110,3
70069	Coiled Tubing Trucking and Hauling	35000	\$110,397	\$15,000	\$50,0
		75000	\$0	\$0	\$75,0
70076	Tubular Inspection/Testing	45000	\$392,553	\$5,000	\$442,5
70077	water Wellsite Dama jes, Loss, Rightof- Way	20000	\$0	\$10,000	\$30.0
	Containment Disposal Expense	125000	\$0	\$0	\$125,0
	Automation Labor	\$0	\$0	\$16,000	\$16.0
	Camp Rentals	44100	\$0	\$0	\$44,1
	Flowback Tester	\$0	\$24,672	\$20,000	\$44,6
70187	Pump Truck Service	\$0	\$0	\$5,000	\$5,0
70198	Sand/Proppant	\$0	\$613,602	\$0	\$613,6
	Mud Logging	16,500	\$0	\$0	\$16,5
	Drilling Operations Center	\$0	\$0	\$0 \$0	\$81,7
	Water Transfer	\$0 \$0	\$81,759 \$53,987	\$0	\$53,9
	Water Treatment	\$0	\$44,888	\$0	\$44,8
	Frac Plugs Frac Valve / Frac Tree	\$0	\$111,179	\$0	\$111,1
	Safety Case	5000	\$0	\$0	\$5,0
ubtotal	Intangible Materials Cost Tangible	\$2,500,280 Development Costs	\$3,076,247	\$221,000	\$5,797,5
seet		Development Costs Dry Hole	Completion \$0	Equipping \$30,000	\$5,797,5 Total Well Co: \$30,0
71001 71012	Tangible I Description Artificial Lift Equipment Flow Unes	Development Costs Dry Hole \$0 \$0	Completion \$0 \$0	\$30,000 \$45,000	Total Well Co \$30,0 \$45,0
71001 71012 71018	Tangible I Description Artificial Lift Equipment Flow Lines Instrumentation	Development Costs Dry Hole \$0 \$0 \$0	Completion \$0 \$0 \$0 \$0	\$30,000 \$45,000 \$30,000	Total Well Co \$30,0 \$45,0 \$30,0
71001 71012 71018 71019	Tangible I Description Artificial Lift Equipment Flow Lines Instrumentation Intermediate Casing	Development Costs Dry Hole \$0 \$0 \$0 \$0	Completion \$0 \$0 \$0 \$0 \$0	\$30,000 \$45,000 \$30,000 \$30,000 \$0	Total Well Co \$30,0 \$45,0 \$30,0 \$83,0
71001 71012 71018 71019 71032	Tangible I Description Artificial Lift Equipment Flow Lines Instrumentation Intermediate Casing Other Subsurface Equipment	Development Costs Dry Hole	Completion \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$30,000 \$45,000 \$30,000 \$30,000 \$0 \$50,000	Total Well Co \$30,0 \$45,0 \$30,0 \$83,0 \$69,0
71001 71012 71018 71019 71032 71034	Tangible I Description Artificial Lift Equipment Flow Lines Instrumentation Intermediate Casing Other Subsurface Equipment Personnel Safety Systems	Development Costs	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$30,000 \$45,000 \$30,000 \$30,000 \$0	Total Well Co \$30,0 \$45,0 \$30,0 \$30,0 \$83,0 \$69,0 \$9,3
71001 71012 71018 71019 71032 71034 71036	Tangible I Description Artificial Lift Equipment Flow Lines Instrumentation Intermediate Casing Other Subsurface Equipment Personnel Safety Systems Pipe, Valves, Fittings and Anodes	Development Costs Dry Hole	Completion \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$30,000 \$45,000 \$30,000 \$30,000 \$0 \$50,000 \$0	Total Well Co \$30,0 \$45,0 \$30,0 \$83,0 \$69,0 \$9,3 \$25,0
71001 71012 71018 71019 71032 71034 71036 71040	Tangible I Description Artificial Lift Equipment Flow Lines Instrumentation Intermediate Casing Other Subsurface Equipment Personnel Safety Systems Pipe, Valves, Fittings and Anodes Production Casing	Development Costs	50 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$30,000 \$45,000 \$30,000 \$30,000 \$0 \$50,000 \$0 \$25,000	Total Well Co \$30,0 \$45,0 \$30,0 \$33,0 \$69,0 \$9,3 \$25,0 \$281,0
71001 71012 71018 71019 71034 71036 71040 71040	Tangible I Description Artificial Lift Equipment Flow Lines Instrumentation Intermediate Casing Other Subsurface Equipment Personnel Safety Systems Pipe, Valves, Fittings and Anodes Production Casing Pumps - Surface	Development Costs	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$30,000 \$45,000 \$30,000 \$30,000 \$0 \$50,000 \$0 \$25,000 \$0	Total Well Co \$30,0 \$45,0 \$30,0 \$33,0 \$69,0 \$9,3 \$25,0 \$281,0 \$4,0
71001 71012 71018 71019 71032 71034 71036 71040 71043 71050	Tangible I Description Artificial Lift Equipment Flow Lines Instrumentation Intermediate Casing Other Subsurface Equipment Personnel Safety Systems Pipe, Valves, Fittings and Anodes Production Casing	Development Costs	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$30,000 \$45,000 \$30,000 \$30,000 \$0 \$50,000 \$0 \$25,000 \$0 \$4,000 \$0 \$75,000	Total Well Co \$30,6 \$45,6 \$30,6 \$83,6 \$69,6 \$25,6 \$281,6 \$42,6 \$12,2 \$75,6
71001 71012 71018 71019 71032 71034 71036 71040 71043 71050 71053	Tangible I Description Artificial Lift Equipment Flow Lines Instrumentation Intermediate Casing Other Subsurface Equipment Personnel Safety Systems Pipe, Valves, Fittings and Anodes Production Casing Pumps - Surface Surface Casing	Development Costs Dry Hole \$0 \$0 \$0 83000 19000 \$0 281000 \$0 281000 \$0 128000	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$30,000 \$45,000 \$30,000 \$0,000 \$0 \$50,000 \$0 \$25,000 \$0 \$4,000	Total Well Co
71001 71012 71018 71019 71032 71034 71036 71040 71043 71053 71053	Tangible I Description Artificial Lift Equipment Flow Lines Instrumentation Intermediate Casing Other Subsurface Equipment Personnel Safely Systems Pipe, Valves, Fittings and Anodes Production Casing Pumps - Surface Surface Casing Tubing Wellhead Assembly Tangible Materials Cost	Development Costs	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$30,000 \$45,000 \$30,000 \$50,000 \$0 \$50,000 \$25,000 \$0 \$4,000 \$0 \$75,000 \$20,000 \$27,000	Total Well Co. \$30,0 \$45,0 \$30,0 \$45,0 \$30,0 \$83,0 \$83,0 \$83,0 \$69,0 \$93,0 \$25,0 \$25,0 \$25,0 \$31,2 \$31,2 \$35,0 \$75,5 \$65,0 \$729.
71001 71012 71018 71019 71032 71034 71036 71040 71043 71053 71053	Tangible I Description Artificial Lift Equipment Flow Lines Instrumentation Intermediate Casing Other Subsurface Equipment Personnel Safety Systems Pipe, Valves, Fittings and Anodes Production Casing Production Casing Tubing Tubing Tubing Wellhead Assembly Tangible Materials Cost	Development Costs	Completion \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	Equipping \$30,000 \$45,000 \$50,000 \$0 \$50,000 \$0 \$25,000 \$0 \$75,000 \$0 \$775,000 \$20,000 \$279,000	Total Well Co. \$30,0 \$45,0 \$30,0 \$45,0 \$30,0 \$45,0 \$30,0 \$83,0 \$69,0 \$59,0 \$525,0 \$5281,0 \$512,2 \$75,0 \$75,0 \$772,
71001 71012 71018 71019 71032 71034 71036 71040 71043 71053 71053	Tangible I Description Artificial Lift Equipment Flow Lines Instrumentation Intermediate Casing Other Subsurface Equipment Personnel Safety Systems Pipe, Valves, Fittings and Anodes Production Casing Pumps - Surface Surface Casing Tubing Wellhead Assembly Tangible Materials Cost	Development Costs: Dry Hole	Completion \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	Equipping \$30,000 \$45,000 \$30,000 \$0 \$50,000 \$0 \$50,000 \$0 \$25,000 \$0 \$4,000 \$20,000 \$279,000	Total Well Co. \$30,0 Feb. \$30,0 \$30,
71001 71012 71018 71019 71032 71034 71036 71040 71043 71053 71053	Tangible I Description Artificial Lift Equipment Flow Lines Instrumentation Intermediate Casing Other Subsurface Equipment Personnel Safety Systems Pipe, Valves, Fittings and Anodes Production Casing Production Casing Tubing Tubing Tubing Wellhead Assembly Tangible Materials Cost	Development Costs	Completion \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	Equipping \$30,000 \$45,000 \$30,000 \$0 \$50,000 \$0 \$50,000 \$0 \$25,000 \$0 \$4,000 \$20,000 \$279,000	Total Well Co. \$30,0 Feb. \$30,0 \$30,
rect 71001 71012 71018 71019 71032 71034 71036 71040 71043 71056	Tangible I Description Artificial Lift Equipment Flow Lines Instrumentation Intermediate Casing Other Subsurface Equipment Personnel Safety Systems Pipe, Valves, Fittings and Anodes Production Casing Pumps - Surface Surface Casing Tubing Wellhead Assembly Tangible Materials Cost Description Subtotal Intangible Costs Subtotal Tangible Costs Grand Total Desiling	Development Costs	Completion \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	Equipping \$30,000 \$45,000 \$50,000 \$0 \$50,000 \$0 \$50,000 \$0 \$25,000 \$0 \$75,000 \$22,000 \$2279,000 \$2279,000 \$2279,000 \$2279,000	Total Well Co \$30,6 \$45,6 \$30,0 \$83.
71001 71012 71018 71019 71032 71034 71036 71040 71043 71053 71053	Tangible I Description Artificial Lift Equipment Flow Lines Instrumentation Intermediate Casing Other Subsurface Equipment Personnel Safety Systems Pipe, Valves, Fittings and Anodes Production Casing Pumps - Surface Surface Casing Tubing Wellhead Assembly Tangible Materials Cost	Development Costs:	Completion	Equipping \$30,000 \$45,000 \$30,000 \$0 \$50,000 \$0 \$50,000 \$0 \$25,000 \$0 \$75,000 \$20,000 \$279,000 \$221,000 \$279,000 \$279,000 \$279,000 \$279,000 \$279,000 \$279,000 \$279,000	Total Well Co. \$30,0 \$45,0 \$30,0 \$45,0 \$30,0 \$83,0 \$83,0 \$65,0 \$30,0 \$12
71001 71012 71018 71019 71032 71034 71036 71040 71043 71053 71053	Tangible I Description Artificial Lift Equipment Flow Lines Instrumentation Intermediate Casing Other Subsurface Equipment Personnel Safely Systems Pipe, Valves, Fittings and Anodes Production Casing Pumps - Surface Surface Casing Tubing Wellhead Assembly Tangible Materials Cost Description Subtotal Intangible Costs Grand Total Drill a horizontal well to produce the 3rd 4 400' with spudder rig. Set 13-3/8" 48# H-9-5/8" 40# J-55 casing and cement to surf DEG/100' and land at "8600' MD, 8250' T BS00' TVD, Set and cmt 5-1/7" 208 CYP-1.	Development Costs	Completion \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Equipping \$30,000 \$45,000 \$30,000 \$0 \$50,000 \$0 \$0 \$50,000 \$0 \$0 \$75,000 \$0 \$75,000 \$20,000 \$20,000 \$279,000 \$279,000 \$279,000 \$279,000 \$10 \$11 \$12-1/4" 0' Drill an 8-3 titlon to TD of stimated tim	Total Well Co. \$30,0 \$45,0 \$30,0 \$83,0 \$45,0 \$30,0 \$83,0 \$69,0 \$93,0 \$25,0 \$12
71001 71012 71018 71019 71032 71034 71036 71040 71043 71053 71053	Tangible I Description Artificial Lift Equipment Flow Lines Instrumentation Intermediate Casing Other Subsurface Equipment Personnel Safety Systems Pipe, Valves, Fittings and Anodes Production Casing Pumps - Surface Surface Casing Tubing Wellhead Assembly Tangible Materials Cost Description Subtotal Intangible Costs Subtotal Tangible Costs Grand Total Drilling Drill a horizontal well to produce the 3rd id 400 with spudder rig. Set 13-3/8" 48# H-49-5/8" 409 I-35 casing and cement to surf DEG/100' and land at "8600' MD, 8250' T 8500' TVD, Set and cmt 5-1/2" 200 CVP-1 9 Days to Drill + 2 days TD-RR. Rig Rate = 5	Development Costs	Completion \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Equipping \$30,000 \$45,000 \$0,000 \$0 \$0 \$0 \$0 \$0	Total Well Co \$30,0 \$45,0 \$30,0 \$45,0 \$30,0 \$83,0 \$69,0 \$83,0 \$69,0 \$59,3 \$25,0 \$12,6 \$12,
71001 71012 71018 71019 71032 71034 71036 71040 71043 71053 71053	Tangible I Description Artificial Lift Equipment Flow Unes Instrumentation Intermediate Casing Other Subsortace Equipment Personnel Safety Systems Pipe, Valves, Fittings and Anodes Production Casing Pumps - Surface Surface Casing Tubing Wellhead Assembly Tangible Materials Cost Description Subtotal Intangible Costs Subtotal Tangible Costs Grand Total Drilling Drill a harizontal well to produce the 3rd I 400' with a pudder rig. Set 13-3/8" 48# H-9-5/8" 408 J-55 casing and cement to surf Dec(7) 100' and land at 7*860' MD, 8250' T 8500' TVD, Set and cmt 5-1/2" 208 CYP-1 9 Days to Drill + 2 days TD-RR. Rig Rate = 5 Completions 60 Stage P&P complete 10,360 ft. lateral Equipping This Afe will provide funds to equip and purchase and install headers for product	Development Costs	Completion \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Equipping \$30,000 \$45,000 \$0,000 \$0 \$0 \$0 \$0 \$0	Total Well Co \$30,0 \$45,0 \$30,0 \$45,0 \$30,0 \$83,0 \$69,0 \$83,0 \$69,0 \$59,3 \$25,0 \$12,6 \$12,
71001 71012 71018 71019 71032 71034 71036 71040 71043 71053 71053	Tangible I Description Artificial Lift Equipment Flow Lines Instrumentation Intermediate Casing Other Substrate Equipment Personnel Safety Systems Pipe, Valves, Fittings and Anodes Production Casing Pumps - Surface Surface Casing Tubing Wellhead Assembly Tangible Materials Cost Description Subtotal Intangible Costs Subtotal Tangible Costs Grand Total Drilling Drill a horizontal well to produce the 3rd 4 400' with spudder rig. Set 13-3/8" 48# H-9-5/8" 40# J-55 casing and cement to surf DEG/100' and land at "8600' MD, 8250' T 8500' TVD, Set and cmt 5-1/2" 20# CVP-1: 9 Days to Drill + 2 days TD-RR. Rig Rate = 5 Completions 60 Stage P&P complete 10,360 ft. lateral Equipping This AFE will provide funds to equip and purchase and install headers for product artificial lift, flow back for two weeks, we	Development Costs	Completion \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Equipping \$30,000 \$45,000 \$0,000 \$0 \$0 \$0 \$0 \$0	Total Well Co. \$30,6 \$45,6 \$30,0 \$83.0 \$69,6 \$83.0 \$69,6 \$9.0 \$525,5 \$81,1 \$4,6 \$12,4 \$75,5 \$65,6 \$729, \$729, \$6,526, \$724,7 \$100 to hole to 3000°, \$74,7 \$100 to hole to 3000°, \$74,7 \$100 to hole to 3000°, \$74,7 \$100 to hole to 3000°, \$75,7 \$100 to hole to 300°, \$75,7 \$100 to hole to hole to 300°, \$75,7 \$
71001 71012 71018 71019 71032 71034 71036 71040 71043 71053 71053	Description Artificial Lift Equipment Flow Unes Instrumentation Intermediate Casing Other Subsyriane Personnel Safety Systems Pipe, Valves, Fittings and Anodes Production Casing Pumps - Surface Surface Casing Tubing Wellhead Assembly Tangible Materials Cost Description Subtotal Intangible Costs Subtotal Tangible Costs Grand Total Drilling Drill a horizontal well to produce the 3rd I 400' with spudder rig. Set 13-3/8" 48# H-9-5/8" 408' J-55 casing and cement to surf DEG/100' and land at "860' MD, 820' T 8500' TVD. Set and cmt 5-1/2" 20# CYP-1: 9 Days to Drill + 2 days TD-RR, Rig Rate = 5 Completions 60 Stage P&P complete 10,360 ft. lateral Equipping This AFE will provide funds to equip and purchase and install headers for product artificial lift, flow back for two weeks, we CAMACHO 25-26 STATE COM 302H Partner Signature:	Development Costs	Completion \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Equipping \$30,000 \$45,000 \$0,000 \$0 \$0 \$0 \$0 \$0	Total Well Co \$30,0 \$45,0 \$30,0 \$45,0 \$30,0 \$83,0 \$69,0 \$83,0 \$69,0 \$59,3 \$25,0 \$12,6 \$12,
71001 71012 71018 71019 71032 71034 71036 71040 71043 71053 71053	Tangible I Description Artificial Lift Equipment Flow Lines Instrumentation Intermediate Casing Other Subsurface Equipment Personnel Safety Systems Pipe, Valves, Fittings and Anodes Production Casing Pumps - Surface Surface Casing Tubing Wellhead Assembly Tangible Materials Cost Description Subtotal Intangible Costs Subtotal Tangible Costs Grand Total Drilling Drill a horizontal well to produce the 3rd I 400' with spudder rig. Set 13-3/8" 48# H- 9-5/8" 40# J-55 casing and cement to surf DEG/100' and land st "8600' MID, 8250' T 8500' TVD, Set and cmt 5-1/2" 200 CVP-1. 9 Days to Drill + 2 days TD-RR. Rig Rate = \$ Completions 60 Stage P&P complete 10,360 ft. lateral Equipping This AFE will provide funds to equip and purchase and install headers for product artificial lift, flow back for two weeks, we CAMACHO 25-26 STATE COM 302H	Development Costs	Completion \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Equipping \$30,000 \$45,000 \$0,000 \$0 \$0 \$0 \$0 \$0	Total Well Co. \$30,6 \$45,6 \$30,0 \$83.0 \$69,6 \$83.0 \$69,6 \$9.0 \$525,5 \$81,1 \$4,6 \$12,4 \$75,5 \$65,6 \$729, \$729, \$6,526, \$724,7 \$100 to hole to 3000°, \$74,7 \$100 to hole to 3000°, \$74,7 \$100 to hole to 3000°, \$74,7 \$100 to hole to 3000°, \$75,7 \$100 to hole to 300°, \$75,7 \$100 to hole to hole to 300°, \$75,7 \$



Camacho Development Camacho 25-26 State Com 203H AFE

cct	Description	Dry Hole	Completion	Equipping	Total Well Cost
	Drilling/Percentage Overhead	\$0	\$0	\$0	\$0
	Bits Coreheads and Reamers	\$75,000	\$3,741	\$0	\$78,741
	Casing Crews	30,000	\$0	\$0	\$30,000
	Cement and Cementing Services	164,180	\$0	\$0	\$164,180
	Chemicals	\$0	\$187,046	\$0	\$187,046
	Communications	6,400	\$0	\$0	\$6,400
	Company Supervision	3,500	\$8,016	\$20,000	\$31,516
	Company Vehicle and/or Boat	500	\$573	\$1,000	\$2,073
	Contract Labor	30,000	\$0	\$50,000	\$80,000
	Contract Rigs - Daywork	360,000	\$0	\$24,000	\$384,000
	CONTRACT RIGS - FOOTAGE/TURNKEY	42,500	\$0	\$0	\$42,500
	L Contract Supervision	75,000	\$94,679	\$0	\$169,679
	Directional Drilling	200,000	\$0	\$0	\$200,000
	Drilling Fluids	275,000	\$0	\$0	\$275,000
	Electrical Contract	\$0	\$0	\$25,000	\$25,000
	1 Equipment Rental	90,000	\$61,402	\$15,000	\$166,402
	Formation and Well Stimulation	\$0	\$467,670	\$0	\$467,670
	Formation Testing	\$0	\$51,300	\$0	\$51,300
	7 Fuel	59,000	\$165,532	\$0	\$224,53
7004	Land and Site Reclamation	10,000	\$0	\$0	\$10,000
	Legal and Curative	20,000	\$0	\$0	\$20,000
	Lorging	\$0	\$282,830	\$15,000	\$297,830
	4 LOE-Other	15,000	\$0	\$0	\$15,000
	4 Rig Mobilization	140,000	\$0	\$0	\$140,000
	5 Road and Site Preparation	100,000	\$9,619	\$0	\$109,61
	7 Salt Water Disposal	\$0	\$14,587	\$0	\$14,58
	9 Coiled Tubing	\$0	\$110,397	\$0	\$110,39
	4 Trucking and Hauling	35,000	\$0	\$15,000	\$50,00
	6 Tubular Inspection/Testing	70,000	\$0	\$0	\$70,00
	7 Water	40,000	\$298,366	\$5,000	\$343,36
	8 Wellsite Damages, Loss, Rightof- Way	20,000	\$0	\$10,000	\$30,00
	6 Containment Disposal Expense	110,000	\$0	\$0	\$110,00
	1 Automation Labor	\$0	\$0	\$16,000	\$16,00
	9 Camp Rentals	30,100	\$0	\$0	\$30,10
	6 Flowback Tester	\$0	\$24,672	\$20,000	\$44,67
	7 Pump Truck Service	\$0	\$0	\$5,000	\$5,00
	8 Sand/Proppant	\$0	\$448,362	\$0	\$448,36
	3 Mud Logging	10,500	\$0	\$0	\$10,50
	5 Drilling Operations Center	\$0	\$0	\$0	\$
	5 Water Transfer	\$0		\$0	\$81,75
	6 Water Treatment	\$0	\$40,905	\$0	\$40,90
	9 Frac Plugs	\$0		\$0	\$44,88
	1 Frac Valve / Frac Tree	\$0			\$111,17
	9 Safety Case	5.000			\$5,00
Subtotal	Intangible Materials Cost	\$2,016,680	\$2,507,523	\$221,000	\$4,745,20

	Tangib	le Development Cost	5		
Acct	Description	Dry Hole	Completion	Equipping	Total Well Cost
	Artificial Lift Equipment	\$0	\$0	\$30,000	\$30,000
	Flow Lines	\$0	\$0	\$45,000	\$45,00
	Instrumentation	\$0	\$0	\$30,000	\$30,000
	Intermediate Casing	83,000	\$0	\$0	\$83,00
	Other Subsurface Equipment	19,000	\$0	\$50,000	\$69,000
	Personnel Safety Systems	\$0	\$9,340	\$0	\$9,34
	Pipe, Valves, Fittings and Anodes	\$0	\$0	\$25,000	\$25,00
	Production Casing	266,000	\$0	\$0	\$266,00
	Pumps - Surface	\$0	\$0	\$4,000	\$4,00
	Surface Casing	12,800	\$0	\$0	\$12,80
	Tubing	\$0	\$0	\$75,000	\$75,00
	Wellhead Assembly	45,000			\$65,00
Subtotal	Tangible Materials Cost	\$425,800	\$9,340	\$279,000	\$714,14

Description	Dry Hole	Completion	Equipping	Total Well Cost
Subtotal Intangible Costs	\$2,016,680	\$2,507,523	\$221,000	\$4,745,203
Subtotal Tangible Costs	\$425,800	\$9,340	\$279,000	\$714,140
Grand Total	\$2,442,480	\$2,516,863	\$500,000	\$5,459,343

Orilling

Notes: Drill a horizontal well to produce the 2nd Bone Spring Sand formation as follows: Preset 17-1/2" hole to 400° with spudder rig. Set 13-3/8" 48# H-40 casing and cement to surface. Drill a 12-1/4" hole to 3000°. Set 9-5/8" 40# J-55 casing and cement to surface. Drill an 8-3/4" depth of ~6800°. Drill an 8-3/4" curve at 12 DEG/100° and land at ~7600° MD, 7250° TVD. Drill a ~9800, 8-1/2" lateral section to TD of ~17500° MD, 7150° TVD. Set and cmt 5-1/2" 20# CYP-110 GB-CD casing string to 17500°. Estimated time is 3 days MIRU + 9 Days to Drill + 2 days TD-RR. Rig Rate = \$25,500K per day.

Completions

60 Stage P&P complete 10,360 ft. lateral @ 170 ft/stg 1500 #/ft. 0% RC 36 BBL/ft water @ 0.72 \$/BBL

Equipping
This AFE will provide funds to equip and produce a horizontal well. The funds requested will be used to purchase and install headers for production flowlines and gas injection flowline for the pad, installation of artificial lift, flow back for two weeks, wellhead automation, and production tree.

CAMACHO 25-26 STATE COM 203H

rtner Signature:	
Printed Owner Name:	
Date:	



Cmacho Development Camacho 25-26 State Com 303H AFE

Acct		Description	Dry Hole	Completion	Equipping	Total Well Cost
	65506	Drilling/Percentage Overhead	\$0	\$0	\$0	\$0
		Bits Coreheads and Reamers	\$92,500	\$3,741	\$0	\$96,241
		Casing Crews	35000	\$0	\$0	\$35,000
		Cement and Cementing Services	173080	\$0	\$0	\$173,080
	_	Chemicals	\$0	\$232,773	\$0	\$232,773
		Communications	9600	\$0	\$0	\$9,600
		Company Supervision	3500	\$8,016	\$20,000	\$31,516
		Company Vehicle and/or Boat	500	\$573	\$1,000	\$2,073
		Contract Labor	35000	\$0	\$50,000	\$85,000
		Contract Rigs - Daywork	560000	\$0	\$24,000	\$584,000
		CONTRACT RIGS - FOOTAGE/TURNKEY	42500	\$0	\$0	\$42,500
		Contract Supervision	106000	\$94,679	\$0	\$200,679
		Directional Drilling	220000	\$0	\$0	\$220,000
		Drilling Fluids	350000	\$0	\$0	\$350,000
_		Electrical Contract	\$0	\$0	\$25,000	\$25,000
		Equipment Rental	135000	\$61,402	\$15,000	\$211,402
		Formation and Well Stimulation	\$0	\$641,378	\$0	\$641,378
		Formation Testing	\$0	\$51,300	\$0	\$51,300
	70037		87000	\$242,312	\$0	\$329,312
		Land and Site Reclamation	10000	\$0	\$0	\$10,000
		Legal and Curative	20000	\$0	\$0	\$20,000
		Logging	\$0	\$282,830	\$15,000	\$297,830
		LOE-Other	15000	\$0	\$0	\$15,000
		Rig Mobilization	140000	\$0	\$0	\$140,000
		Road and Site Preparation	100000	\$9,619	\$0	\$109,619
		Salt Water Disposal	\$0	\$14,587	\$0	\$14,587
		Colled Tubing	\$0	\$110,397	\$0	\$110,397
		Trucking and Hauling	35000	\$0	\$15,000	\$50,000
		Tubular Inspection/Testing	75000	\$0	\$0	\$75,000
		Water	45000	\$392,553	\$5,000	\$442,553
	70078	Wellsite Damages, Loss, Rightof- Way	20000	\$0	\$10,000	\$30,000
		Containment Disposal Expense	125000	\$0	\$0	\$125,000
		Automation Labor	\$0	\$0	\$16,000	\$16,000
		Camp Rentals	44100	\$0	\$0	
=		Flowback Tester	\$0	\$24,672	\$20,000	
		Pump Truck Service	\$0	\$0	\$5,000	\$5,000
		Sand/Proppant	\$0	\$613,602	\$0	\$613,600
		Mud Logging	16,500	\$0	\$0	\$16,50
		Drilling Operations Center	\$0	\$0		
		Water Transfer	\$0	\$81,759		-
		Water Treatment	\$0	\$53,987		
$\overline{}$		Frac Plugs	\$0	\$44,888		
		Frac Valve / Frac Tree	\$0	\$111,179		
		Safety Case	5000	\$0	\$0	\$5,00
-	total	Intangible Materials Cost	\$2,500,280	\$3,076,247	\$221,000	\$5,797,52

	Tangibl	e Development Cost	s		
Acct	Description	Dry Hole	Completion	Equipping	Total Well Cost
	Artificial Lift Equipment	\$0	\$0	\$30,000	\$30,000
	Flow Lines	\$0	\$0	\$45,000	\$45,000
	Instrumentation	\$0	\$0	\$30,000	\$30,000
	Intermediate Casing	83000	\$0	\$0	\$83,000
	Other Subsurface Equipment	19000	\$0	\$50,000	\$69,00
	Personnel Safety Systems	\$0	\$9,340	\$0	\$9,34
	Pipe, Valves, Fittings and Anodes	\$0	\$0	\$25,000	\$25,00
	Production Casing	281000	\$0	\$0	\$281,000
	Pumps - Surface	\$0	\$0	\$4,000	\$4,000
	Surface Casing	12800			\$12,80
		\$0	\$0	-	\$75,00
	Tubing	45000			
71056 Subtotal	Wellhead Assembly Tangible Materials Cost	\$440,800	\$9,340	\$279,000	\$729,140

Description	Dry Hole	Completion	Equipping	Total Well Cost
Subtotal Intangible Costs	\$2,500,280	\$3,076,247	\$221,000	\$5,797,527
Subtotal Tangible Costs	\$440.800	\$9,340	\$279,000	\$729,140
Grand Total	\$2,941,080	\$3,085,586	\$500,000	\$6,526,666

Drilling
Drill a horizontal well to produce the 3rd Bone Spring Sand formation as follows: Preset 17-1/2" hole to 400° with spudder rig. Set 13-3/8" 48# H-40 casing and cement to surface. Drill a 12-1/4" hole to 3000°. Set 9-5/8" 40# 1-55 casing and cement to surface. Drill an 8-3/4" cept of "6800". Drill an 8-3/4" curve at 12 DEG/100° and land at "8500° MD, 8250° TVD. Drill a "9800, 8-1/2" lateral section to TD of "18500° MD, 8500° TVD. Set and cmt 5-1/2" 20# CYP-110 G8-CD casing string to 18500°. Estimated time is 3 days MIRU + 9 Days to Drill + 2 days TD-RR. Rig Rate = \$25,500K per day.

60 Stage P&P complete 10,360 ft. lateral @ 170 ft/stg 2100 #/ft. 0% RC 48 BBL/ft water @ 0.72 \$/BBL

Equipping

This AFE will provide funds to equip and produce a horizontal well. The funds requested will be used to purchase and install headers for production flowlines and gas injection flowline for the pad, installation of artificial lift, flow back for two weeks, wellhead automation, and production tree.

CAMACHO 25-26 STATE COM 303H

Partner Signature:	
Printed Owner Name:	
Date:	



Camacho Development Camacho 25-26 State Com 204H AFE

Acct	Description	Dry Hole	Completion	Equipping	Total Well Cost
	06 Orilling/Percentage Overhead	\$0	\$0	\$0	\$0
	3 Bits Coreheads and Reamers	\$75,000	\$3,741	\$0	\$78,741
	04 Casing Crews	30,000	\$0	\$0	\$30,000
	06 Cement and Cementing Services	164,180	ŚO	\$0	\$164,180
	07 Chemicals	\$0	\$187,046	\$0	\$187,046
	08 Communications	6,400	SO	\$0	\$6,400
	11 Company Supervision	3,500	\$8,016	\$20,000	\$31,516
	12 Company Supervision 12 Company Vehicle and/or Boat	500	\$573	\$1,000	\$2,073
	17 Contract Labor	30.000	\$0	\$50,000	\$80,000
		360,000	\$0	\$24,000	\$384,000
	19 Contract Rigs - Daywork	42,500	\$0	\$24,000	\$42,500
	20 CONTRACT RIGS - FOOTAGE/TURNKEY		\$94,679	\$0	\$169,679
	21 Contract Supervision	75,000	\$94,679	\$0	\$200,000
	22 Directional Drilling	200,000		\$0	\$275,000
	25 Drilling Fluids	275,000	\$0		\$275,000
	26 Electrical Contract	\$0	\$0	\$25,000	
	31 Equipment Rental	90,000	\$61,402	\$15,000	\$166,400
700	34 Formation and Well Stimulation	\$0	\$467,670	\$0	\$467,670
700	35 Formation Testing	\$0	\$51,300	\$0	\$51,300
700	37 Fuel	59,000	\$165,532	\$0	\$224,53
700	46 Land and Site Reclamation	10,000	\$0	\$0	\$10,00
700	47 Legal and Curative	20,000	\$0	\$0	\$20,000
700	49 Logging	\$0	\$282,830	\$15,000	\$297,830
700	54 LOE-Other	15,000	\$0	\$0	\$15,00
700	64 Rig Mobilization	140,000	\$0	\$0	\$140,00
700	65 Road and Site Preparation	100,000	\$9,619	\$0	\$109,61
700	67 Salt Water Disposal	\$0	\$14,587	\$0	\$14,58
	69 Coiled Tubing	\$0	\$110,397	\$0	\$110,39
700	74 Trucking and Hauling	35,000	\$0	\$15,000	\$50,00
	76 Tubular Inspection/Testing	70,000	\$0	\$0	\$70,00
	77 Water	40,000	\$298,366	\$5,000	\$343,36
	78 Wellsite Damages, Loss, Rightof- Way	20,000	\$0	\$10,000	\$30,00
	16 Containment Disposal Expense	110,000	\$0	\$0	\$110,00
	21 Automation Labor	\$0	\$0	\$16,000	\$16,00
	69 Camp Rentals	30,100	\$0	\$0	\$30,10
	86 Flowback Tester	\$0	\$24,672	\$20,000	\$44,67
	87 Pump Truck Service	\$0	\$0	\$5,000	\$5,00
	98 Sand/Proppant	SO.	\$448,362	\$0	\$448,36
		10,500	\$0	\$0	\$10,50
	43 Mud Logging	\$0		\$0	Ś
	55 Drilling Operations Center	\$0	-	\$0	\$81,75
	85 Water Transfer	\$0	-	\$0	\$40,90
	86 Water Treatment	\$0	_		\$44,88
	89 Frac Plugs				
	91 Frac Valve / Frac Tree	\$0			
705	29 Safety Case	5,000	\$0	\$221,000	\$4,745,20

	Tangib	le Development Cos	ts		
Acct	Description	Dry Hole	Completion	Equipping	Total Well Cost
	Artificial Lift Equipment	\$0	\$0	\$30,000	\$30,000
	Flow Lines	\$0	\$0	\$45,000	\$45,000
	Instrumentation	\$0	\$0	\$30,000	\$30,000
	Intermediate Casing	83,000	\$0	\$0	\$83,000
	Other Subsurface Equipment	19,000	\$0	\$50,000	\$69,000
	Personnel Safety Systems	\$0	\$9,340	\$0	\$9,340
	Pipe, Valves, Fittings and Anodes	\$0	\$0	\$25,000	\$25,000
	Production Casing	266,000	\$0	\$0	\$266,000
	Pumps - Surface	\$0	\$0	\$4,000	\$4,000
	Surface Casing	12,800	\$0	\$0	\$12,800
	Tubing	\$0	\$0	\$75,000	\$75,000
	Wellhead Assembly	45,000	\$0	\$20,000	\$65,000
Subtotal	Tangible Materials Cost	\$425,800	\$9,340	\$279,000	\$714,140

Description	Dry Hole	Equipping	Total Well Cost	
Subtotal Intangible Costs	\$2,016,680	\$2,507,523	\$221,000	\$4,745,203
Subtotal Tangible Costs	\$425,800	\$9,340	\$279,000	\$714,140
Grand Total	52,442,480	\$2,516,863	\$500,000	\$5,459,343

Drilling

Notes: Drill a horizontal well to produce the 2nd Bone Spring Sand formation as follows: Preset 17-1/2" hole to 400" with spudder rig, Set 13-3/8" 48# H-40 casing and cement to surface. Drill a 12-1/4" hole to 3000". Set 9-5/8" 40# 1-55 casing and cement to surface. Drill an 8-3/4" depth of "6800". Drill an 8-3/4" curve at 12 DEG/100' and land at "7600' MD, 7250' TVD. Drill a "9800, 8-1/2" lateral section to TD of "17500' MD, 7150' TVD. Set and cmt 5-1/2" 20# CYP-110 GB-CD casing string to 17500'. Estimated time is 3 days MIRU + 9 Days to Drill + 2 days TD-RR. Rig Rate = \$25,500K per day.

Completions
60 Stage P&P complete 10,360 ft. lateral @ 170 ft/stg 1500 #/ft. 0% RC 36 BBL/ft water @ 0.72 \$/BBL

Equipping
This AFE will provide funds to equip and produce a horizontal well. The funds requested will be used to purchase and install headers for production flowlines and gas injection flowline for the pad, installation of artificial lift, flow back for two weeks, wellhead automation, and production tree.

CAMACHO 25-26 STATE COM 204H

artner Signature:	
Printed Owner Name:	
Date:	



Camacho Development Camacho 25-26 State Com 304H AFE

Acct	Description		Dry Hole	Completion	Equipping	Total Well Cost
	5506 Drilling/Percentage Ove	rhead	\$0	\$0	\$0	\$0
	0003 Bits Coreheads and Rean		\$92,500	\$3,741	\$0	\$96,241
	0004 Casing Crews		35000	\$0	\$0	\$35,000
	0006 Cement and Cementing	Services	173080	\$0	\$0	\$173,080
	0007 Chemicals	JEI FICE.3	\$0	\$232,773	\$0	\$232,773
	0007 Chemicals		9600	\$0	\$0	\$9,600
_	0011 Company Supervision		3500	\$8,016	\$20,000	\$31,516
	0012 Company Supervision 0012 Company Vehicle and/or	Dont	500	\$573	\$1,000	\$2,073
_	0012 Company Venicle and/or	БОЛЕ	35000	\$0	\$50,000	\$85,000
			560000	\$0	\$24,000	\$584,000
	0019 Contract Rigs - Daywork	CE TELIDAUEV	42500	\$0	\$24,000	\$42,500
	0020 CONTRACT RIGS - FOOTA	GE/TURNKEY	106000	\$94,679	\$0	\$200,679
	0021 Contract Supervision				\$0	\$220,000
	0022 Directional Drilling		220000	\$0 \$0	\$0	\$350,000
	0025 Drilling Fluids		350000		\$25,000	\$25,000
	0026 Electrical Contract		\$0	\$0		
	0031 Equipment Rental		135000	\$61,402	\$15,000	\$211,402
_ 7	0034 Formation and Well Stim	nulation	\$0	\$641,378	\$0	\$641,378
7	0035 Formation Testing		\$0	\$51,300	\$0	\$51,300
7	0037 Fuel		87000	\$242,312	\$0	\$329,312
7	0046 Land and Site Reclamation	on	10000	\$0	\$0	\$10,000
7	0047 Legal and Curative		20000	\$0	\$0	\$20,000
7	0049 Logging		\$0	\$282,830	\$15,000	\$297,830
7	0054 LOE-Other		15000	\$0	\$0	\$15,000
7	0064 Rig Mobilization		140000	\$0	\$0	\$140,000
	'0065 Road and Site Preparation	on	100000	\$9,619	\$0	\$109,619
	0067 Salt Water Disposal		\$0	\$14,587	\$0	\$14,587
	0069 Coiled Tubing		\$0	\$110,397	\$0	\$110,397
	0074 Trucking and Hauling		35000	\$0	\$15,000	\$50,000
	20076 Tubular Inspection/Test	ing	75000	\$0	\$0	\$75,000
	0077 Water		45000	\$392,553	\$5,000	\$442,553
	70078 Wellsite Damages, Loss,	Rightof- Way	20000	\$0	\$10,000	\$30,000
	70116 Containment Disposal E		125000	\$0	\$0	\$125,000
	70121 Automation Labor		\$0	\$0	\$16,000	\$16,000
	70169 Camp Rentals		44100	\$0	\$0	\$44,100
	70186 Flowback Tester		\$0	\$24,672	\$20,000	\$44,677
	70187 Pump Truck Service		\$0	ŚO	\$5,000	\$5,000
	70198 Sand/Proppant		\$0	\$613,602	\$0	\$613,603
	70243 Mud Logging		16,500	\$0	\$0	\$16.50
		-	\$0	50		\$I
	70255 Drilling Operations Cent	er	\$0	-		
	70285 Water Transfer		\$0		\$0	
	70286 Water Treatment		\$0		-	
	70289 Frac Plugs		\$0	-	-	
	70291 Frac Valve / Frac Tree		500	+	+	
	70529 Safety Case al Intangible Materials Co.		\$2,500,280			

	Tangib	le Development Cost	.5		
Acct	Description	Dry Hale	Completion	Equipping	Total Well Cost
	Artificial Lift Equipment	\$0	\$0	\$30,000	\$30,000
	Flow Lines	\$0	\$0	\$45,000	\$45,000
	Instrumentation	\$0	\$0	\$30,000	\$30,000
	Intermediate Casing	83000	\$0	\$0	\$83,000
	Other Subsurface Equipment	19000	\$0	\$50,000	\$69,000
	Personnel Safety Systems	\$0	\$9,340	\$0	\$9,340
	Pipe, Valves, Fittings and Anodes	\$0	\$0	\$25,000	\$25,000
	Production Casing	281000	\$0	\$0	\$281,000
	Pumps - Surface	50	\$0	\$4,000	\$4,000
	Surface Casing	12800	\$0	\$0	\$12,800
	Tubing	\$0	\$0	-	\$75,000
	Wellhead Assembly	45000			\$65,000
Subtotal	Tangible Materials Cost	\$440,800	\$9,340	\$279,000	\$729,140

Description	Dry Hole	Completion	Equipping	Total Well Cost	
Subtotal Intangible Costs	\$2,500,280	\$3,076,247	\$221,000	\$5,797,527	
Subtotal Tangible Costs	\$440,800	\$9,340	\$279,000	\$729,140	
Grand Total	\$2,941,080	\$3,085,586	\$500,000	\$6,526,666	

Orilling
Drill a horizontal well to produce the 3rd Bone Spring Sand formation as follows: Preset 17-1/2" hole to Urill a horizontal well to produce the 3rd Bone Spring Sand formation as follows: Preset 17-1/2" hole to 400° with spudder rig. Set 13-3/8" 48# H-40 casing and cement to surface. Drill a 12-1/4" hole to 3000°. Set 9-5/8" 40# J-55 casing and cement to surface. Drill an 8-3/4" depth of "6800°. Drill an 8-3/4" curve at 12 DEG/100° and land at "8600° MD, 8250° TVD. Drill a "9800, 8-1/2" lateral section to TD of "18500° MD, 8500° TVD. Set and cmt 5-1/2" 20# CYP-110 GB-CD casing string to 18500°. Estimated time is 3 days MIRU + 9 Days to Drill + 2 days TD-RR. Rig Rate = \$25,500K per day.

60 Stage P&P complete 10,360 ft. lateral @ 170 ft/stg 2100 #/ft. 0% RC 48 BBL/ft water @ 0.72 \$/BBL

Equipping

This AFE will provide funds to equip and produce a horizontal well. The funds requested will be used to purchase and install headers for production flowlines and gas injection flowline for the pad, installation of artificial lift, flow back for two weeks, wellhead automation, and production tree.

CAMACHO 25-26 STATE COM 304H

Partner Signature:	
Printed Owner Name:	
Date:	

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

APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

> CASE NO.s 21837, 21838 21839, 21840

AFFIDAVIT

STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

Deana M. Bennett, attorney in fact and authorized representative of Apache Corporation, the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Applications were provided under a notice letter, attached, and that proof of notice is attached hereto. I also state that notice of the hearing was published in the Carlsbad Current-Argus Newspaper on April 20, 2021, as reflected in the attached Affidavit of Publication.

SUBSCRIBED AND SWORN to before me this 19th day of October, 2021 by Deana M. Bennett.

Notary Public

My commission expires: 02 -27 - 25

NOTARY PUBLIC My Commission Expires:



Released to Imaging: 10/20/2021 7:21:59 AM



Lance D. Hough Tel: 505.848.1826 Fax: 505.848.9710 Lance.Hough@modrall.com

April 16, 2021

VIA CERTIFIED MAIL - RETURN RECEIPT REQUESTED

TO: AFFECTED PARTIES

This letter is to advise you that Apache Corporation has filed the enclosed applications with the New Mexico Oil Conservation Division:

Case No. 21837: Application of Apache Corporation for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order from the Division: (1) to the extent necessary, approving the creation of a 320-acre, more or less, Bone Spring standard horizontal spacing unit; and, (2) pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the N/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. This standard spacing unit will be dedicated to the Camacho 25-26 State Com 201H and Camacho 25-26 State Com 301H wells, to be horizontally drilled. The producing intervals for these wells will be orthodox. Also to be considered will be the cost of drilling, completing and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Apache as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 16 miles southeast of Artesia, New Mexico.

Case No. 21838: Application of Apache Corporation for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order from the Division: (1) to the extent necessary, approving the creation of a 320-acre, more or less, Bone Spring standard horizontal spacing unit; and, (2) pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the S/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. This standard spacing unit will be dedicated to the Camacho 25-26 State Com

Modrall Sperling Roehl Harris & Sisk P.A.

500 Fourth Street NW Suite 1000 Albuquerque, New Mexico 87102

PO Box 2168 Albuquerque, New Mexico 87103-2168

Tel: 505.848.1800 www.modrall.com **AFFECTED PARTIES**

Apache / Camacho 25-26 State Com 201H-204H, 301H-304H wells April 16, 2021 Page 2

202H and Camacho 25-26 State Com 302H wells, to be horizontally drilled. The producing intervals for these wells will be orthodox. Also to be considered will be the cost of drilling, completing and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Apache as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 16 miles southeast of Artesia, New Mexico.

Case No. 21839: Application of Apache Corporation for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order from the Division: (1) to the extent necessary, approving the creation of a 320-acre, more or less, Bone Spring standard horizontal spacing unit; and, (2) pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the N/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. This standard spacing unit will be dedicated to the Camacho 25-26 State Com 203H and Camacho 25-26 State Com 303H wells, to be horizontally drilled. The producing intervals for these wells will be orthodox. Also to be considered will be the cost of drilling, completing and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Apache as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 16 miles southeast of Artesia, New Mexico.

Case No. 21840: Application of Apache Corporation for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order from the Division: (1) to the extent necessary, approving the creation of a 320-acre, more or less, Bone Spring standard horizontal spacing unit; and, (2) pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the S/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. This standard spacing unit will be dedicated to the Camacho 25-26 State Com 204H and Camacho 25-26 State Com 304H wells, to be horizontally drilled. The producing intervals for these wells will be orthodox. Also to be considered will be the cost of drilling, completing and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Apache as operator of the wells, and a 200% charge

AFFECTED PARTIES
Apache / Camacho 25-26 State Com 201H-204H, 301H-304H wells

April 16, 2021 Page 3

for risk involved in drilling said wells. Said area is located approximately 16 miles southeast of Artesia, New Mexico.

These applications have been set for hearing before a Division Examiner at 8:15 a.m. on May 6, 2021. During the COVID-19 Public Health Emergency, the hearing will be conducted remotely. Instructions to appear can be found under "OCD NOTICES" at http://www.emnrd.state.nm.us/OCD/hearings.html. As a party who may be affected by these applications, we are notifying you of your right to appear at the hearing and participate in this case, including the right to present evidence either in support of or in opposition to the applications. Failure to appear at the hearing may preclude you from any involvement in this case at a later date.

You are further notified that if you desire to appear in these cases, then you are requested to file a Pre-Hearing Statement with the Division at least four business days in advance of a scheduled hearing before the Division or the Commission, but in no event later than 5:00 p.m. mountain time, on the Thursday preceding the scheduled hearing date, with a copy delivered to the undersigned.

Sincerely

Lance D. Hough

Attorney for Applicant

EED/ldh/w4048491.DOCX Enclosures: as stated

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

APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

CASE	NO.	21837	

APPLICATION

Apache Corporation ("Apache"), OGRID Number 873, through its undersigned attorneys, hereby makes an application to the Oil Conservation Division pursuant to the provisions of NMSA (1978), Section 70-2-17, for an order pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the N/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. In support of this application, Apache states as follows:

- 1. Apache is an interest owner in the subject lands and has a right to drill a well thereon.
- 2. Apache seeks to dedicate the N/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico to form a 320-acre, more or less, Bone Spring standard horizontal spacing unit.
- 3. Apache plans to drill the following horizontal wells in a westerly direction to a depth sufficient to test the Bone Spring formation:
 - a. The Camacho 25-26 State Com 201H well is a horizontal well with a surface location in the NE/4 NE/4 (Unit A) of Section 25, Township 19 South, Range 27 East, NMPM, Eddy County, and an intended bottom hole location in the NW/4 NW/4 (Unit D) of Section 26, Township 19 South, Range 27 East, NMPM, Eddy County. This well is proposed to be drilled vertically to a depth of approximately 7,030' to the Bone Spring formation.
 - b. The Camacho 25-26 State Com 301H well is a horizontal well with a surface location in the NE/4 NE/4 (Unit A) of Section 25, Township 19 South, Range 27 East, NMPM, Eddy County, and an intended bottom hole location in the

NW/4 NW/4 (Unit D) of Section 26, Township 19 South, Range 27 East, NMPM, Eddy County. This well is proposed to be drilled vertically to a depth of approximately 8,310' to the Bone Spring formation.

- 4. These wells will be located within the Winchester, Bone Spring Pool (Pool Code 65010) and will comply with the Division's statewide setback requirements.
- 5. Apache sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.
- 6. The creation of a standard horizontal spacing unit and the pooling of all interests in the Bone Spring formation underlying the proposed unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

WHEREFORE, Apache requests that this case is set for hearing before an Examiner of the Oil Conservation Division on May 6, 2021, and after notice and hearing as required by law, the Division enter its order:

- A. Creating an approximately 320-acre, more or less, standard horizontal spacing unit in the Bone Spring formation comprised of the N/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico;
- B. Pooling all mineral interests in the Bone Spring formation underlying a standard horizontal spacing unit within the N/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico;
- C. Designating Apache as operator of this unit and the wells to be drilled thereon;
- D. Authorizing Apache to recover its costs of drilling, completing and equipping the wells;

- E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure;
- F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS & SISK, P.A.

Bv:

Earl E. DeBrine, Jr.

Lance D. Hough

Deana M. Bennett

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deana.bennett@modrall.com

lance.hough@modrall.com

Attorneys for Applicant

W4029068.DOCX

Application of Apache Corporation for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order from the Division: (1) to the extent necessary, approving the creation of a 320-acre, more or less, Bone Spring standard horizontal spacing unit; and, (2) pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the N/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. This standard spacing unit will be dedicated to the Camacho 25-26 State Com 201H and Camacho 25-26 State Com 301H wells, to be horizontally drilled. The producing intervals for these wells will be orthodox. Also to be considered will be the cost of drilling, completing and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Apache as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 16 miles southeast of Artesia, New Mexico.

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

APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

CASE NO. 21838

APPLICATION

Apache Corporation ("Apache"), OGRID Number 873, through its undersigned attorneys, hereby makes an application to the Oil Conservation Division pursuant to the provisions of NMSA (1978), Section 70-2-17, for an order pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the S/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. In support of this application, Apache states as follows:

- 1. Apache is an interest owner in the subject lands and has a right to drill a well thereon.
- 2. Apache seeks to dedicate the S/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico to form a 320-acre, more or less, Bone Spring standard horizontal spacing unit.
- 3. Apache plans to drill the following horizontal wells in a westerly direction to a depth sufficient to test the Bone Spring formation:
 - a. The Camacho 25-26 State Com 202H well is a horizontal well with a surface location in the SE/4 NE/4 (Unit H) of Section 25, Township 19 South, Range 27 East, NMPM, Eddy County, and an intended bottom hole location in the SW/4 NW/4 (Unit E) of Section 26, Township 19 South, Range 27 East, NMPM, Eddy County. This well is proposed to be drilled vertically to a depth of approximately 7,045' to the Bone Spring formation.
 - b. The Camacho 25-26 State Com 302H well is a horizontal well with a surface location in the SE/4 NE/4 (Unit H) of Section 25, Township 19 South, Range 27 East, NMPM, Eddy County, and an intended bottom hole location in the

SW/4 NW/4 (Unit E) of Section 26, Township 19 South, Range 27 East, NMPM, Eddy County. This well is proposed to be drilled vertically to a depth of approximately 8,310' to the Bone Spring formation.

- 4. These wells will be located within the Winchester, Bone Spring Pool (Pool Code 65010) and will comply with the Division's statewide setback requirements.
- 5. Apache sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.
- 6. The creation of a standard horizontal spacing unit and the pooling of all interests in the Bone Spring formation underlying the proposed unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

WHEREFORE, Apache requests that this case is set for hearing before an Examiner of the Oil Conservation Division on May 6, 2021, and after notice and hearing as required by law, the Division enter its order:

- A. Creating an approximately 320-acre, more or less, standard horizontal spacing unit in the Bone Spring formation comprised of the S/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico;
- B. Pooling all mineral interests in the Bone Spring formation underlying a standard horizontal spacing unit within the S/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico;
- C. Designating Apache as operator of this unit and the wells to be drilled thereon;
- D. Authorizing Apache to recover its costs of drilling, completing and equipping the wells;

- E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure;
- F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS & SISK, P.A.

By:

Earl E. DeBrine, Jr. Lance D. Hough

Deana M. Bennett

Post Office Box 2168

500 Fourth Street NW, Suite 1000

Albuquerque, New Mexico 87103-2168

Telephone: 505.848.1800 earl.debrine@modrall.com deana.bennett@modrall.com lance.hough@modrall.com Attorneys for Applicant

W4029076.DOCX

Application of Apache Corporation for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order from the Division: (1) to the extent necessary, approving the creation of a 320-acre, more or less, Bone Spring standard horizontal spacing unit; and, (2) pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the S/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. This standard spacing unit will be dedicated to the Camacho 25-26 State Com 202H and Camacho 25-26 State Com 302H wells, to be horizontally drilled. The producing intervals for these wells will be orthodox. Also to be considered will be the cost of drilling, completing and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Apache as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 16 miles southeast of Artesia, New Mexico.

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

APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

CASE NO. 21839

APPLICATION

Apache Corporation ("Apache"), OGRID Number 873, through its undersigned attorneys, hereby makes an application to the Oil Conservation Division pursuant to the provisions of NMSA (1978), Section 70-2-17, for an order pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the N/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. In support of this application, Apache states as follows:

- 1. Apache is an interest owner in the subject lands and has a right to drill a well thereon.
- 2. Apache seeks to dedicate the N/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico to form a 320-acre, more or less, Bone Spring standard horizontal spacing unit.
- 3. Apache plans to drill the following horizontal wells in a westerly direction to a depth sufficient to test the Bone Spring formation:
 - a. The Camacho 25-26 State Com 203H well is a horizontal well with a surface location in the NE/4 SE/4 (Unit I) of Section 25, Township 19 South, Range 27 East, NMPM, Eddy County, and an intended bottom hole location in the NW/4 SW/4 (Unit L) of Section 26, Township 19 South, Range 27 East, NMPM, Eddy County. This well is proposed to be drilled vertically to a depth of approximately 7,045' to the Bone Spring formation.
 - b. The Camacho 25-26 State Com 303H well is a horizontal well with a surface location in the NE/4 SE/4 (Unit I) of Section 25, Township 19 South, Range 27 East, NMPM, Eddy County, and an intended bottom hole location in the NW/4

SW/4 (Unit L) of Section 26, Township 19 South, Range 27 East, NMPM, Eddy County. This well is proposed to be drilled vertically to a depth of approximately 8,290' to the Bone Spring formation.

- 4. These wells will be located within the Winchester, Bone Spring Pool (Pool Code 65010) and will comply with the Division's statewide setback requirements.
- 5. Apache sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.
- 6. The creation of a standard horizontal spacing unit and the pooling of all interests in the Bone Spring formation underlying the proposed unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

WHEREFORE, Apache requests that this case is set for hearing before an Examiner of the Oil Conservation Division on May 6, 2021, and after notice and hearing as required by law, the Division enter its order:

- A. Creating an approximately 320-acre, more or less, standard horizontal spacing unit in the Bone Spring formation comprised of the N/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico;
- B. Pooling all mineral interests in the Bone Spring formation underlying a standard horizontal spacing unit within the N/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico;
- C. Designating Apache as operator of this unit and the wells to be drilled thereon;
- D. Authorizing Apache to recover its costs of drilling, completing and equipping the wells;

- E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure;
- F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS & SISK, P.A.

By:

Earl E. DeBrine, Jr.

Lance D. Hough Deana M. Bennett

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Attorneys for Applicant

W4029108.DOCX

Application of Apache Corporation for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order from the Division: (1) to the extent necessary, approving the creation of a 320-acre, more or less, Bone Spring standard horizontal spacing unit; and, (2) pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the N/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. This standard spacing unit will be dedicated to the Camacho 25-26 State Com 203H and Camacho 25-26 State Com 303H wells, to be horizontally drilled. The producing intervals for these wells will be orthodox. Also to be considered will be the cost of drilling, completing and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Apache as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 16 miles southeast of Artesia, New Mexico.

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

APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

CASE NO. 21840

<u>APPLICATION</u>

Apache Corporation ("Apache"), OGRID Number 873, through its undersigned attorneys, hereby makes an application to the Oil Conservation Division pursuant to the provisions of NMSA (1978), Section 70-2-17, for an order pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the S/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. In support of this application, Apache states as follows:

- 1. Apache is an interest owner in the subject lands and has a right to drill a well thereon.
- 2. Apache seeks to dedicate the S/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico to form a 320-acre, more or less, Bone Spring standard horizontal spacing unit.
- 3. Apache plans to drill the following horizontal wells in a westerly direction to a depth sufficient to test the Bone Spring formation:
 - a. The Camacho 25-26 State Com 204H well is a horizontal well with a surface location in the SE/4 SE/4 (Unit P) of Section 25, Township 19 South, Range 27 East, NMPM, Eddy County, and an intended bottom hole location in the SW/4 SW/4 (Unit M) of Section 26, Township 19 South, Range 27 East, NMPM, Eddy County. This well is proposed to be drilled vertically to a depth of approximately 7,095' to the Bone Spring formation.
 - b. The Camacho 25-26 State Com 304H well is a horizontal well with a surface location in the SE/4 SE/4 (Unit P) of Section 25, Township 19 South, Range 27 East, NMPM, Eddy County, and an intended bottom hole location in the SW/4

SW/4 (Unit M) of Section 26, Township 19 South, Range 27 East, NMPM, Eddy County. This well is proposed to be drilled vertically to a depth of approximately 8,350' to the Bone Spring formation.

- 4. These wells will be located within the Winchester, Bone Spring Pool (Pool Code 65010) and will comply with the Division's statewide setback requirements.
- 5. Apache sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.
- 6. The creation of a standard horizontal spacing unit and the pooling of all interests in the Bone Spring formation underlying the proposed unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

WHEREFORE, Apache requests that this case is set for hearing before an Examiner of the Oil Conservation Division on May 6, 2021, and after notice and hearing as required by law, the Division enter its order:

- A. Creating an approximately 320-acre, more or less, standard horizontal spacing unit in the Bone Spring formation comprised of the S/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico;
- B. Pooling all mineral interests in the Bone Spring formation underlying a standard horizontal spacing unit within the S/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico;
- C. Designating Apache as operator of this unit and the wells to be drilled thereon;
- D. Authorizing Apache to recover its costs of drilling, completing and equipping the wells;

- E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure;
- F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS & SISK, P.A.

Bv:

Earl E. DeBrine, Jr.

Lance D. Hough

Deana M. Bennett

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Attorneys for Applicant

W4029110.DOCX

Application of Apache Corporation for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order from the Division: (1) to the extent necessary, approving the creation of a 320-acre, more or less, Bone Spring standard horizontal spacing unit; and, (2) pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the S/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. This standard spacing unit will be dedicated to the Camacho 25-26 State Com 204H and Camacho 25-26 State Com 304H wells, to be horizontally drilled. The producing intervals for these wells will be orthodox. Also to be considered will be the cost of drilling, completing and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Apache as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 16 miles southeast of Artesia, New Mexico.

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PS Form 3877

Type of Mailing: CERTIFIED MAIL 04/16/2021

Firm Mailing Book ID: 207356

Reference Contents	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454:0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice
Rest.Del.Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
RR Fee	\$1.75	\$1.75	\$1.75	\$1.75	\$1.75	251.75	\$175	\$1.75	\$1.75	\$1.75	\$1.75	\$1.75	\$1.75	\$1.75	\$1.75
Service Fee	\$3.60	\$3.60	\$3.60	\$3.60	\$3.60	33.60	N AU	NO 1958	\$3.60	\$3.60	\$3.60	\$3.60	\$3.60	\$3.60	\$3.60
Postage	\$1.40	\$1.40	\$1.40	\$1.20	\$1.40	\$1.40	\$1.40	\$1.40	\$1.40	\$1.40	\$1.40	\$1.40	\$1.20	\$1.20	\$1.20
Name, Street, City, State, Zip		Bankers Life and Casualty Company 111 E. Wacker Dr., Suite 2100 Chicago IL 60601	Canyon Draw Resources, LLC 1999 Bryan St., Suite 900 Dallas TX 75201	Clarence L. North Jr. 5928 E INGRAM ST MESA AZ 85205	COG Operating LLC 600 W. Illinois Ave Midland TX 79701	Concho Oil and Gas, LLC 600 W. Illinois Ave Midland TX 79701	Devon Energy Production Company, LP PO Box 843559 Dallas TX 75284	E. G. L. Resources, Inc. PO Box 10886 Midland TX 79702	EOG Y Resources, Inc. 104 S. 4th Street Artesia NM 88210	Fairway Oil and Gas Company PO Box 97 Chandler TX 75758	Fairway Oil and Gas Company PO Box 50890 Midland TX 79710	Fasken Land and Minerals, Ltd. 6101 Holiday Hill Road Midland TX 79707	Faulconer Resources 1999 Limited Partnership PO BOX 7995 TYLER TX 75711	Faulconer Resources 1999 Limited Partnership 1001 E. SOUTHEAST LOOP 323, SUITE 160 TYLER TX 75701	Frances M. Cunningham 526 ZACHARY DRI WEATHERFORD TX 76087
USPS Article Number	9314 8699 0430 0081 6459 58	9314 8699 0430 0081 6459 65	9314 8699 0430 0081 6459 72	9314 8699 0430 0081 6459 89	9314 8699 0430 0081 6459 96	9314 8699 0430 0081 6460 09	9314 8699 0430 0081 6460 16	9314 8699 0430 0081 6460 23	9314 8699 0430 0081 6460 30	9314 8699 0430 0081 6460 47	9314 8699 0430 0081 6460 54	9314 8699 0430 0081 6460 61	9314 8699 0430 0081 6460 78	9314 8699 0430 0081 6460 85	9314 8699 0430 0081 6460 92
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Zina Crum Modrall Sperling 500 4th Street NW Suite 1000 Albuquerque NM 87102 Firm Mailing Book ID: 207356

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PS Form 3877 Type of Mailing: CERTIFIED MAIL 04/16/2021

Reference Contents	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice	13454.0171 Camacho Notice
Rest.Del.Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
RR Fee	\$1.75	\$1.75	\$1.75	\$1.75	\$1.75	V \$1.75	\$1.75	\$1.75	\$1.75	\$1.75	\$1.75	\$1.75	\$1.75	\$1.75	\$1.75
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Postage	\$1.20	\$1.40	\$1.40	\$1.40	\$1.40	\$1.40	\$1.20	\$1.40	\$1.40	\$1.20	\$1.40	\$1.40	\$1.20	\$1.20	\$1.40
Name, Street, City, State, Zip	Hold the Door, LP 6824 ISLAND CIRCLE MIDLAND TX 79707	Jonell Jones 6701 Cindy Pl Apt #87 New Orleans LA 70127	Jonell Jones 310 Cornell ave Calumut City IL 60409	Jonell Jones 4413 SKYVIEW DR New Orleans LA 70126	Jonell Jones 5821 Elysian Fields Ave New Orleans LA 70122	Jonell Jones 6810 Edgewater Lane New Orleans LA 70126	Leo Momsen, Jr. 2377 HICKORY ST SAN DIEGO CA 92103	Marathon Oil Company 5555 SAN FELIPE STREET HOUSTON TX 77056	Marathon Oil Permian, LLC PO BOX 732312 Dallas TX 75373	Margaret Momsen 2135 N 47TH ST PHOENIX AZ 85018	McCombs Energy, Ltd. 750 E. Mulberry Ave., Suite 403 San Antonio TX 78212	Meredith Jones PO BOX 894 ARTESIA NM 88211	Oxy USA WTP LP 5 GREENWAY PLAZA HOUSTON TX 77046	Peregrine Production LLC PO BOX 50655 MIDLAND TX 79710	Redfern Enterprises, Inc. PO Box 2127 Midland TX 79702
USPS Article Number	9314 8699 0430 0081 6461 08	9314 8699 0430 0081 6461 15	9314 8699 0430 0081 6461 22	9314 8699 0430 0081 6461 39	9314 8699 0430 0081 6461 46	9314 8699 0430 0081 6461 53	9314 8699 0430 0081 6461 60	9314 8699 0430 0081 6461 77	9314 8699 0430 0081 6461 84	9314 8699 0430 0081 6461 91	9314 8699 0430 0081 6462 07	9314 8699 0430 0081 6462 14	9314 8699 0430 0081 6462 21	9314 8699 0430 0081 6462 38	9314 8699 0430 0081 6462 45
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Zina Crum Modrall Sperling 500 4th Street NW Suite 1000 Albuquerque NM 87102

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Type of Mailing: CERTIFIED MAIL 04/16/2021

Firm Mailing Book ID: 207356

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Contents
31	9314 8699 0430 0081 6462 52	Redfern Enterprises, Inc. 303 W. Wall St., Suite 1900 Midland TX 79701	\$1.40	\$3.60	\$1.75	\$0.00	13454.0171 Camacho Notice
32	9314 8699 0430 0081 6462 69	Redfern Enterprises, Inc. 2001 Bedford Dr. Midland TX 79701	\$1.40	\$3.60	\$1.75	\$0.00	13454.0171 Camacho Notice
33	9314 8699 0430 0081 6462 76	Redfern Enterprises, Inc. 6424 Norway Rd. Dallas TX 75230	\$1,40	\$3.60	\$1.75	\$0.00	13454.0171 Camacho Notice
34	9314 8699 0430 0081 6462 83	RSC Resources, LP 9740 W. FM 2147 Suite 8329 Horseshoe Bay TX 78657	\$1.40	\$3.60	\$1.75	\$0.00	13454.0171 Camacho Notice
35	9314 8699 0430 0081 6462 90	RSC Resources, LP 306 W. WALL ST MIDLAND TX 79701	\$1.20	\$3.60	\$1.75	\$0.00	13454.0171 Camacho Notice
36	9314 8699 0430 0081 6463 06	Tascosa Energy Partners, LLC 901 W. Missouri Ave Midland TX 79701	\$1.40	\$3.60	\$1N5/	\$0.00	13454.0171 Camacho Notice
37	9314 8699 0430 0081 6463 13	Tascosa Energy Partners, LLC 5308 Harkle Road, Suite 100 Santa Fe NM 87505	\$1.40	\$3.60 E	\$20.5	\$0,00	13454.0171 Camacho Notice
38	9314 8699 0430 0081 6463 20	V-F Petroleum Inc PO Box 1889 Midland TX 79702	\$1.40	\$3.60	\$1.75	00.00	13454.0171 Camacho Notice
39	9314 8699 0430 0081 6463 37	Viginia M. Grady 3726 LEDGESTONE DRIVE HOUSTON TX 77059	\$1.20	\$3.60	\$1.75	\$0.00	13454.0171 Camacho Notice
40	9314 8699 0430 0081 6463 44	Will Holt and Wife, Vina Holt 7036 CASA LOMA CIRCLE EL PASO TX 79912	\$1.40	\$3.60	\$1.75	\$0.00	13454.0171 Camacho Notice
41	9314 8699 0430 0081 6463 51	Yates Brothers Partnership P BOX 1394 ARTESIA NM 88211	\$1.40	\$3.60	\$1.75	\$0.00	13454.0171 Camacho Notice
		Totals:	\$55.20	\$147.60	\$71.75	\$0.00	
				Grand Total:	Total:	\$274.55	

Dated:

Postmaster: Name of receiving employee

Total Number of Pieces Received at Post Office

List Number of Pieces Listed by Sender

Zina Crum Modrall Sperling 500 4th Street NW Suite 1000 Albuquerque NM 87102

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931488990300083465212	•	21-04-16 10:04 AM Peregrine Production LLC		PO BOX 50655	MIDLAND			elivered	Return Receipt - Electronic, Certified Mail	2021-04-21 1:37 PM
2012-0415 1004 AM Marcatine Incomes Politic Marcatine		21-04-16 10:04 AM Oxy USA WTP LP		5 GREENWAY PLAZA	HOUSTON			elivered	Return Receipt - Electronic, Certified Mail	
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35314869904300081646618 2021-04-16 10:04 AM Hold the Doo, LP AB2418LAND CIRCLE MIDLAND TX 79707 Undelivered - Forwarded 35314869904300081646082 2021-04-16 10:04 AM Frances M. Cunningham 1999 Limited Partnership POR DOX 7995 TYLER TX 75711 Delivered 49314869904300081646082 2021-04-16 10:04 AM Falconer Resources 1999 Limited Partnership PO BOX 7995 TYLER TX 75711 Delivered 4931486990430008164067 2021-04-16 10:04 AM Falconer Resources 1999 Limited Partnership PO BOX 5995 Midland TX 75711 Delivered 4931486990430008164067 2021-04-16 10:04 AM Falconer Resources, Inc. PO Box 5990 Midland TX 75710 Undelivered - To Be Returned 9314869904300081646021 2021-04-16 10:04 AM Each of Operating LIC PO Box 5990 Midland TX 75724 Delivered 9314869904300081646022 2021-04-16 10:04 AM Canon Energy Production Company, LP PO Box 5990 Midland TX 75724 Delivered 9314869904300081646022 2021-04-16 10:04 AM Canon Energy Production Company, LP PO Box 930 Midland		21-04-16 10:04 AM Jonell Jones		6701 Cindy PI Apt #87	New Orleans		_	ndelivered	Return Receipt - Electronic, Certified Mail	
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2021-04-16 10:04 AM Faskucloner Resources 1999 Limited Partnership PO BOX 7995 IVLEK X 7571 Developed 2021-04-16 10:04 AM Faskucloner Resources 1001 holiday Hill Road Midland TX 7970 Undelivered 2021-04-16 10:04 AM Fairway Oil and Gas Company PO Box 50890 Midland TX 7970 Undelivered 2021-04-16 10:04 AM Fairway Oil and Gas Company PO Box 50890 Midland TX 7970 Undelivered 2021-04-16 10:04 AM Fairway Oil and Gas Company PO Box 50890 Midland TX 7970 Undelivered 2021-04-16 10:04 AM Environe Language PO Box 10886 Midland TX 7970 Delivered 2021-04-16 10:04 AM Concho Oil and Gas, LLC FO Box 10886 Midland TX 7970 Delivered 2021-04-16 10:04 AM Concho Oil and Gas, LLC FO Box 11 linois Ave Midland TX 7970 Delivered 2021-04-16 10:04 AM Canner L. North Jr. 2021-04-16 10:04 AM Canner L. North Jr. 1999 Bryan St., Suite 2100 Chicago TX 75201 Delivered 2021-04-16 10:04 AM Bankers Life and Casuality Company 111 E. Wacker Dr., Suite 2100 Chicago II. 60601 Delivered		21-04-16 10:04 AM Faulconer Resources	1999 Limited Partnership	1001 E. SOUTHEAST LOOP 323, SUITE 160	TYLER			elivered	Return Receipt - Electronic, Certified Mail	2021-04-20 11:27 AM
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Carlsbad Current Argus.

CASE NO. 21837: Notice to all affected parties, as well as their heirs and devisees, of Marathon Oil Permian, LLC; Fair-

their heirs and devisees, of Marathon Oil Permian, LLC; Fairway Oil and Gas Company; Fasken Land and Minerals, Ltd.; RSC Resources, LP; Peregrine Production, LLC; Redfern Enterprises, Inc.; Flag "77" Ltd.; Ege Oil Company; Fairway Oil and Gas Company; E. G. L. Resources, Inc.; Devon Energy Production Company, LP; McCombs Energy, Ltd.; V-F Petroleum Inc; Bankers Life and Casualty Company; COG Operating LLC; Tascosa Energy Partners, LLC; EOG Y Resources, Inc.; Concho Oil and Gas, LLC; Canyon Draw Resources, LLC; Faulconer Resources 1999 Limited Partnership; Hold the Door, LP; RSC Resources, LP; Peregrine Production LLC; Oxy USA WTP LP; Leo Momsen, Jr.; Gus Momsen, Ill; Margaret Momsen; Viginia M. Grady; Frances M. Cunningham; Clarence L. North Jr.; Will Holt and Wife, Vina Holt; Meredith Jones; Jonell Jones; Marathon Oil Company; and Yates Brothers Partnership of Apache Corporation's Application for compulsory pooling, Eddy County, New Mexico. The

Brothers Partnership of Apache Corporation's Application for compulsory pooling, Eddy County, New Mexico. The State of New Mexico through its Oil Conservation Division, hereby gives notice that the Division will conduct a public hearing at 8:15 a.m. on May 6, 2021 to consider this application. Due to state building closures during the COVID-19 Public Health Emergency, the hearing will be conducted remotely. You may access the instructions to appear under "OCD NOTICES" at http://www.emnrd.state.nm.us/OCD/hearings.html Applicant seeks an order from the Division; (1) to

ings.html. Applicant seeks an order from the Division: (1) to

the extent necessary, approving the creation of a 320-acre, more or less, Bone Spring standard horizontal spacing unit; and, (2) pooling all uncommitted mineral interests within a

and, (2) pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the N/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. This standard spacing unit will be dedicated to the Camacho 25-26 State Com 201H and Camacho 25-26 State Com 301H wells, to be horizontally drilled. The producing intervals for these wells will be orthodox. Also to be considered will be

the cost of drilling, completing and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Apache as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 16 miles courboart of Arteria New Maryers.

miles southeast of Artesia, New Mexico. #4695633, Current Argus, April 20, 2021

Affidavit of Publication Ad # 0004695633 This is not an invoice

MODRALL SPERLING **POBOX 2168**

ALBUQUERQUE, NM 87103

I, a legal clerk of the Carlsbad Current Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

04/20/2021

Legal Clerk

Subscribed and sworn before me this April 20, 2021:

State of WI, County of Brown

NOTARY PUBLIC

7,25 My commission expires

> KATHLEEN ALLEI Notary Public State of Wisconsin

Ad # 0004695633 PO #: # of Affidavits1

This is not an invoice

EXAMINER HEARING 10-21-21 PAGE 101

Carisbad Current Argus.

CASE NO. 21838: Notice to all affected parties, as well as

their heirs and devisees, of Marathon Oil Permian, LLC; Fair-

their heirs and devisees, of Marathon Oil Permian, LLC; Fairway Oil and Gas Company; Fasken Land and Minerals, Ltd.; RSC Resources, LP; Peregrine Production, LLC; Redfern Enterprises, Inc.; Flag "77" Ltd.; Ege Oil Company; Fairway Oil and Gas Company; E. G. L. Resources, Inc.; Devon Energy Production Company, LP; McCombs Energy, Ltd.; V-F Petroleum Inc; Bankers Life and Casualty Company; COG Operating LLC; Tascosa Energy Partners, LLC; EOG Y Resources, Inc.; Concho Oil and Gas, LLC; Canyon Draw Resources, LLC; Faulconer Resources 1999 Limited Partnership; Hold the Door, LP; RSC Resources, LP; Peregrine Production LLC; Oxy USA WTP LP; Leo Momsen, Jr.; Gus Momsen, Ill; Margaret Momsen; Viginia M. Grady; Frances M. Cunningham; Clarence L. North Jr.; Will Holt and Wife, Vina Holt; Meredith Jones; Jonell Jones; Marathon Oil Company; and Yates Brothers Partnership of Apache Corporation's Application for compulsory pooling, Eddy County, New Mexico. The State of New Mexico through its Oil Conservation Division, hereby gives notice that the Division will conduct a public hearing at 8:15 a.m. on May 6, 2021 to consider this application.

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ings.html. Applicant seeks an order from the Division: (1) to the extent necessary, approving the creation of a 320-acre, more or less, Bone Spring standard horizontal spacing unit;

more or less, Bone Spring standard horizontal spacing unit; and, (2) pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the S/2 N/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. This standard spacing unit will be dedicated to the Camacho 25-26 State Com 202H and Camacho 25-26 State Com 302H wells, to be horizontally drilled. The producing intervals for these wells

will be orthodox. Also to be considered will be the cost of drilling, completing and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Apache as operator of the wells, and a 200% charge for risk involved in drilling

said wells. Said area is located approximately 16 miles southeast of Artesia, New Mexico. #4695642, Current Argus, April 20, 2021

Affidavit of Publication Ad # 0004695642 This is not an invoice

MODRALL SPERLING **POBOX 2168**

ALBUQUERQUE, NM 87103

I, a legal clerk of the Carlsbad Current Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

04/20/2021

Legal Clerk

Subscribed and sworn before me this April 20, 2021:

State of WI, County of Brown

NOTARY PUBLIC

My commission expires

1-7-25

KATHLEEN ALLEN Notary Public State of Wisconsin

Ad # 0004695642 PO #: # of Affidavits 1

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Carlsbad Current Argus.

CASE NO. 21839: Notice to all affected parties, as well as their heirs and devisees, of Marathon Oil Permian, LLC; Fairway Oil and Gas Company; Fasken Land and Minerals, Ltd.; RSC Resources, LP; Peregrine Production, LLC; Redfern Enterprises, Inc.; Flag "77" Ltd.; Ege Oil Company; Fairway Oil and Gas Company; E. G. L. Resources, Inc.; Devon Energy Production Company, LP; McCombs Energy, Ltd.; V-F Petroleum Inc; Bankers Life and Casualty Company; COG Operating LLC; Tascosa Energy Partners, LLC; EOG Y Resources, Inc.; Concho Oil and Gas, LLC; Canyon Draw Resources, LLC; Faulconer Resources 1999 Limited Partnership; Hold the Door, LP; RSC Resources, LP; Peregrine Production LLC; Oxy USA WTP LP; Leo Momsen, Jr.; Gus Momsen, III; Margaret Momsen; Viginia M. Grady; Frances M. Cunningham; Clarence L. North Jr.; Will Holt and Wife, Vina Holt; Meredith Jones; Jonell Jones; Marathon Oil Company; and Yates Brothers Partnership of Apache Corporation's Application for compulsery pooling, Eddy County, New Mexico. The State of New Mexico through its Oil Conservation Division, hereby gives notice that the Division will conduct a public hearing at 8:15 a.m. on May 6, 2021 to consider this application.

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will be orthodox. Also to be considered will be the cost of drilling, completing and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Apache as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 16 miles south-

east of Artesia, New Mexico. #4695662, Current Argus, April 20, 2021

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MODRALL SPERLING POBOX 2168

ALBUQUERQUE, NM 87103 - 2168

I, a legal clerk of the Carlsbad Current Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

04/20/2021

Subscribed and sworn before me this April 20, 2021:

State of NI, County of Brown NOTARY PUBLIC

My commission expires

1-7-25

KATHLEEN ALLEN
Notary Public
Tof Wisconsin

Ad # 0004695662 PO #: # of Affidavits1

This is not an invoice

Carlsbad Current Argus.

CASE NO. 21840: Notice to all affected parties, as well as their heirs and devisees, of Marathon Oil Permian, LLC; Fairway Oil and Gas Company; Fasken Land and Minerals, Ltd.; RSC Resources, LP; Peregrine Production, LLC; Redfern Enterprises, Inc.; Flag "77" Ltd.; Ege Oil Company; Fairway Oil and Gas Company; E. G. L. Resources, Inc.; Devon Energy Production Company, LP; McCombs Energy, Ltd.; V-F Petroleum Inc; Bankers Life and Casualty Company; COG Operating LLC; Tascosa Energy Partners, LLC; EOG Y Resources, Inc.; Concho Oil and Gas, LLC; Canyon Draw Resources, LLC; Faulconer Resources 1999 Limited Partnership; Hold the Door, LP; RSC Resources, LP; Peregrine Production LLC; Oxy USA WTP LP; Leo Momsen, Jr.; Gus Momsen, III; Margaret Momsen; Viginia M. Grady; Frances M. Cunningham; Clarence L. North Jr.; Will Holt and Wife, Vina Holt; Meredith Jones; Jonell Jones; Marathon Oil Company; and Yates

Clarence L. North Jr.; Will Holt and Wife, Vina Holt; Meredith Jones; Jonell Jones; Marathon Oil Company; and Yates Brothers Partnership of Apache Corporation's Application for compulsory pooling, Eddy County, New Mexico. The State of New Mexico through its Oil Conservation Division, hereby gives notice that the Division will conduct a public hearing at 8:15 a.m. on May 6, 2021 to consider this application. Due to state building closures during the COVID-19 Public Health Emergency, the hearing will be conducted remotely. You may access the instructions to appear under "OCD NOTICES" at http://www.emnrd.state.nm.us/OCD/hearings.html. Applicant seeks an order from the Division: (1) to the extent necessary appropring the creation of a 320-acre.

ings.html. Applicant seeks an order from the Division: (1) to the extent necessary, approving the creation of a 320-acre, more or less, Bone Spring standard horizontal spacing unit; and, (2) pooling all uncommitted mineral interests within a Bone Spring standard horizontal spacing unit underlying the S/2 S/2 of Sections 25 and 26, Township 19 South, Range 27 East, NMPM, Eddy County, New Mexico. This standard spacing unit will be dedicated to the Camacho 25-26 State Com 204H and Camacho 25-26 State Com 304H wells, to be horizontally drilled. The producing intervals for these wells

horizontally drilled. The producing intervals for these wells will be orthodox. Also to be considered will be the cost of drilling, completing and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Apache as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 16 miles south-

east of Artesia, New Mexico.

#4695667, Current Argus, April 20, 2021

Affidavit of Publication Ad # 0004695667 This is not an invoice

MODRALL SPERLING POBOX 2168

ALBUQUERQUE, NM 87103

I, a legal clerk of the Carlsbad Current Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

04/20/2021

/ Legal Clerk

Subscribed and sworn before me this April 20, 2021

State of WI, County of Brown NOTARY PUBLIC

1-7-25

My commission expires

KATHLEEN ALLE Notary Public (e.of.v/o.consin

Ad # 0004695667 PO #: # of Affidavits 1

This is not an invoice

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

APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 21837

APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 21838

APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 21839

APPLICATION OF APACHE CORPORATION FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 21840

DECLARATION OF DREW CHENOWETH

Drew Chenoweth, being duly sworn, deposes and states:

- 1. I am over the age of 18, I am a geologist for Apache Corporation ("Apache"), and have personal knowledge of the matters stated herein.
- 2. I have not been previously qualified before the Oil Conservation Division ("Division") as an expert in petroleum geology matters.
- 3. My area of responsibility at Apache includes the area of Eddy County in New Mexico.
- 4. I conducted a geological study of the area that encompasses the horizontal spacing units that are the subject of Apache's applications in these cases and am familiar with the geological matters involved in these cases.

- 5. **Exhibit 8** is a Gunbarrel/Lateral Trajectory Diagram. This diagram identifies the Camacho 25-26 development plan, which includes the eight Camacho 25-26 State Com wells, consisting of four Second Bone Spring wells and four Third Bone Spring wells (*hereinafter* "Proposed Wells") that are located within the four Bone Spring horizontal spacing units that are the subject of these applications.
- 6. **Exhibit 9** is a Location Map identifying the Camacho 25-26 project area, in proximity to the Capitan Reef, and the cities of Artesia and Carlsbad.
- 7. The exhibits behind **Tab 10** are the geology study I prepared for the Second Bone Spring formation, which applies to the following wells: Camacho 25-26 State Com 201H; Camacho 25-26 State Com 202H; Camacho 25-26 State Com 203H; and Camacho 25-26 State Com 204H.
- 8. **Exhibit 10-A** is a Cross-Section Locator Map. This map identifies the cross-section running from A-A' with the cross-section well names and a blue line in proximity to the six Second Bone Spring Proposed Wells, which are identified by well name.
- 9. **Exhibit 10-B** is structure map of the top of the Third Bone Spring Lime. This map shows the four Second Bone Spring Proposed Wells. This map shows that the structure slightly dips to the southeast.
- 10. **Exhibit 10-C** is a Second Bone Spring Sand Gross Interval Isochore Map. This map also shows the four Second Bone Spring Proposed Wells. It shows that the gross thickness of the 2nd Bone Springs Sand ranges from 150' to 260' and thickens to the south in Camacho 26.
- 11. **Exhibit 10-D** is Stratigraphic Cross Sections hung on the top of the Third Bone Spring Lime formation. The well logs on the cross-section give a representative sample of the Second Bone Spring Sand, Third Bone Spring Lime and Third Bone Spring Sand formations in

the area. The target zone for the Proposed Wells is the base of the Second Bone Spring formation and is identified by the yellow highlighted area outlined with a blue dashed line. That zone is consistent across the unit.

- 12. **Exhibit 10-E** is a detailed view of the Target Zone within Stratigraphic Cross Section hung on the top of the Third Bone Spring Lime. As stated, the target zone for the wells is the base of the Second Bone Spring formation and is identified by the yellow highlighted area outlined with a blue dashed line.
- 13. The exhibits behind **Tab 11** are the geology study I prepared for the Third Bone Spring formation, which applies to the following wells: Camacho 25-26 State Com 301H; Camacho 25-26 State Com 302H; Camacho 25-26 State Com 303H; and Camacho 25-26 State Com 304H.
- 14. **Exhibit 11-A** is a Cross-Section Locator Map. This map identifies the cross-section running from A-A' with the cross-section well names and a blue line in proximity to the six Third Bone Spring Proposed Wells, which are identified by well name.
- 15. **Exhibit 11-B** is structure map of the top of the Wolfcamp. This map shows the four Third Bone Spring Proposed Wells. This map shows that the structure slightly dips to the southwest.
- 16. **Exhibit 11-C** is a Third Bone Spring Sand Gross Interval Isochore Map. This map also shows the four Third Bone Spring Proposed Wells. It shows that the gross thickness of the Third Bone Springs Sand ranges from 350' to 450' and thickens to the south in Camacho 25 and 26.
- 17. **Exhibit 11-D** is Stratigraphic Cross Sections hung on the top of the Wolfcamp formation. The well logs on the cross-section give a representative sample of the Third Bone

Spring formation in the area. The target zone for the Proposed Wells is the Top of the Third Bone Spring formation and is identified in the green highlighted area outlined with a blue dashed line. That zone is consistent across the unit.

- 18. **Exhibit 11-E** is a detailed view of the Target Zone within Stratigraphic Cross Section hung on the top of the Wolfcamp Formation. As stated, the target zone for the wells is the Top of the Third Bone Spring formation and is identified in the green highlighted area outlined with a blue dashed line.
- 19. Based upon my study as illustrated in these exhibits, knowledge of the geology in this area, and education and training, it is my expert opinion that:
 - a. The horizontal spacing units are justified from a geologic standpoint.
 - b. There are no structural impediments or faulting that will interfere with horizontal development.
 - c. Each quarter quarter section in the units will contribute more or less equally to production.
- 20. The preferred well orientation in this area is either is E-W. This is due to the fact that regional max horizontal stress orientation in this area is ranges from approximately N5W to N10E, as reported by Snee and Zoback (2018).
- 21. The producing interval for each of these wells will be orthodox and will comply with the Division's set back requirements.
- 22. **Exhibit 12** is my resume. I graduated from the University of Texas at El Paso in 2014, with a M.S. in Geology. I have worked as a geologist since I graduated. I have been employed by Apache since 2017. My responsibilities at Apache include the areas of Lea and Eddy Counties in New Mexico, including the Camacho planned development.

Received by OCD: 10/19/2021 5:22:30 PM

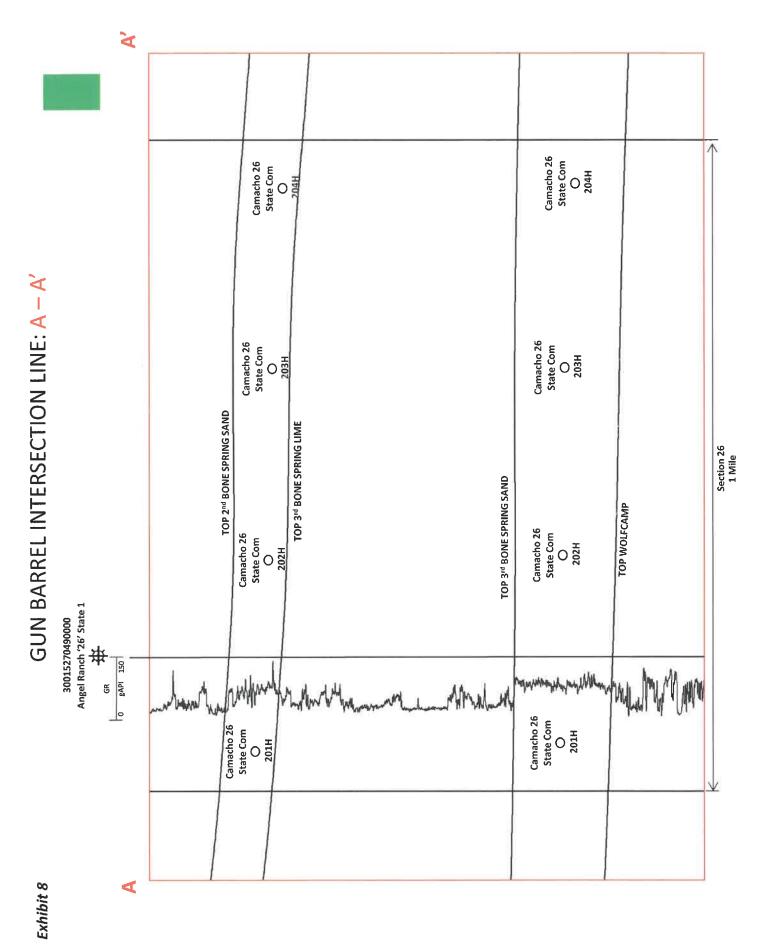
- 23. Exhibits 9-12 were prepared by me or under my supervision or compiled from company business records.
- 24. Pursuant to Rules 1-011 and 23-115 NMRA, I declare and affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct to the best of my knowledge and belief.

Drew Chenoweth

Dated: October 18, 2021

₽ **#** ♦ ₽ # ₽ 24 25 38 井 5000fus Angel Ranch 26' State #. . 4000 # **‡** 2000 3000 1:25600 33 Camacho State Com 301H Camacho State Com 201H Camacho State Com 302H Camacho State Com 203H Camacho State Com 303H 19S 27E Camacho State Com 202H Camacho State Com 304H Camacho State Com 204H 38 # 0 1000 ß 27 m φ.







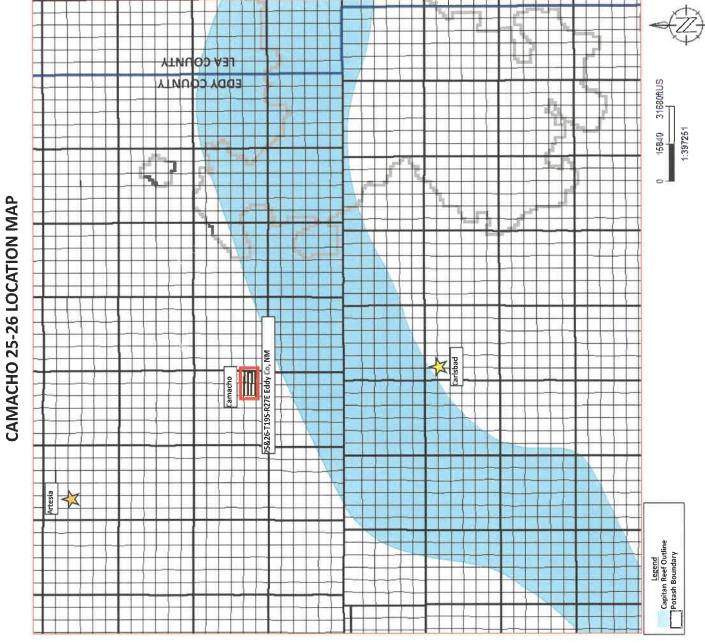


Exhibit 9



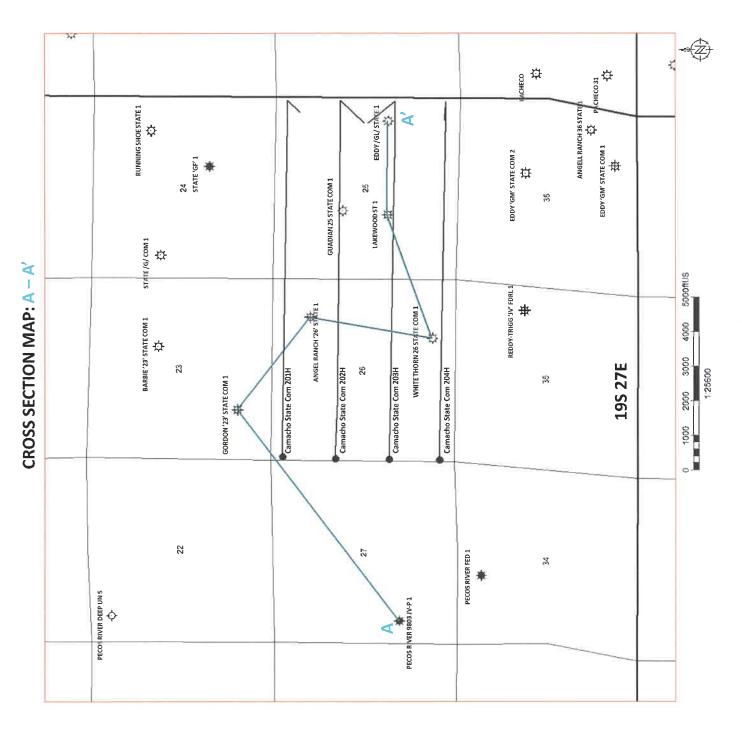


Exhibit 10A



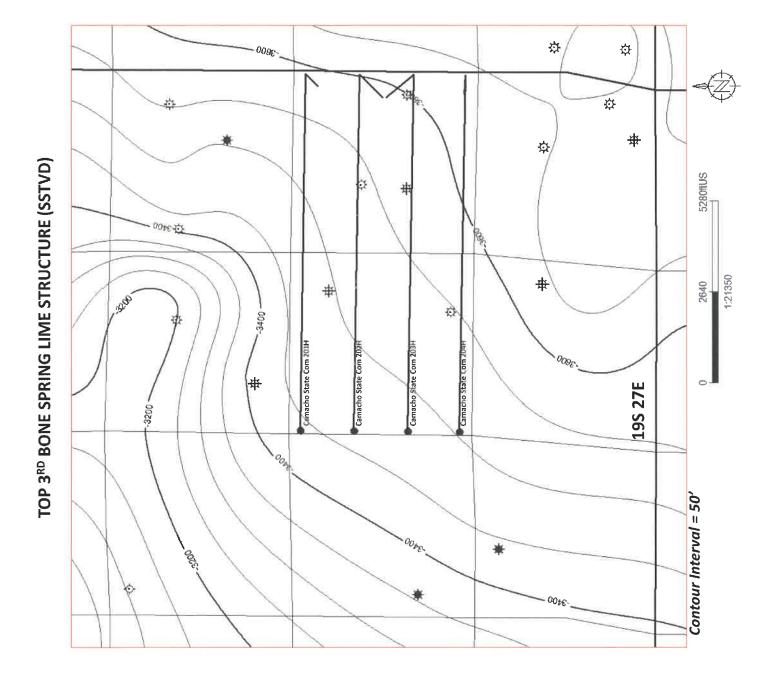


Exhibit 10B





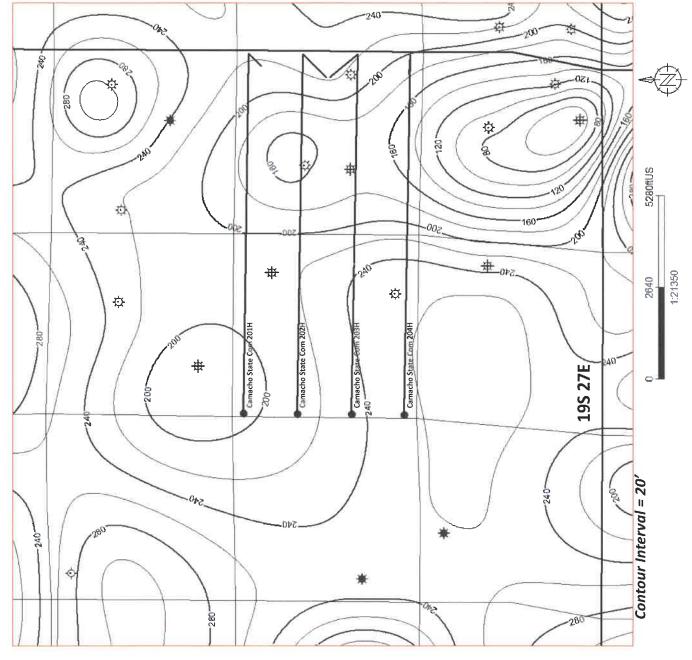
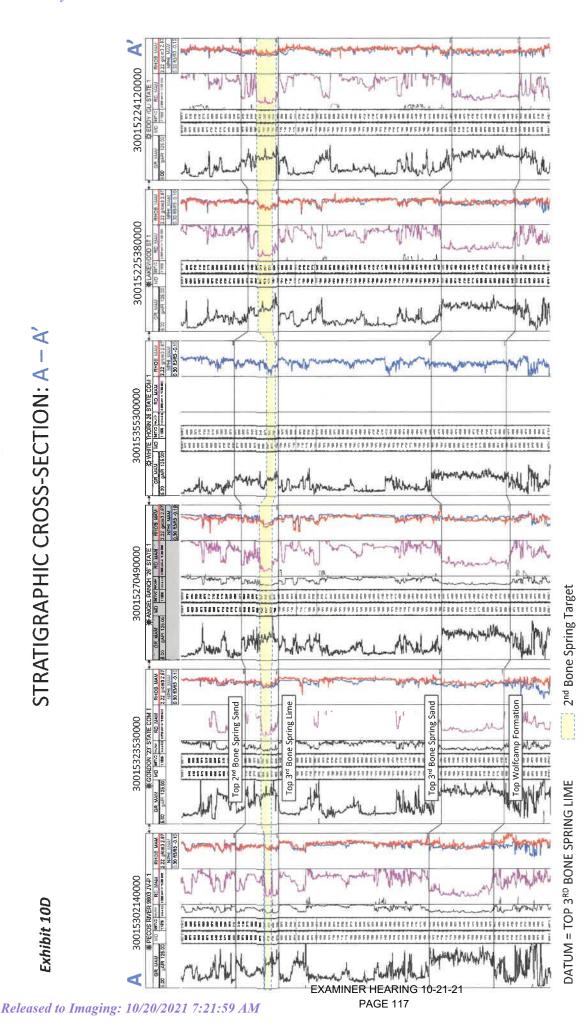


Exhibit 10C

EXHIBIT 10 · C





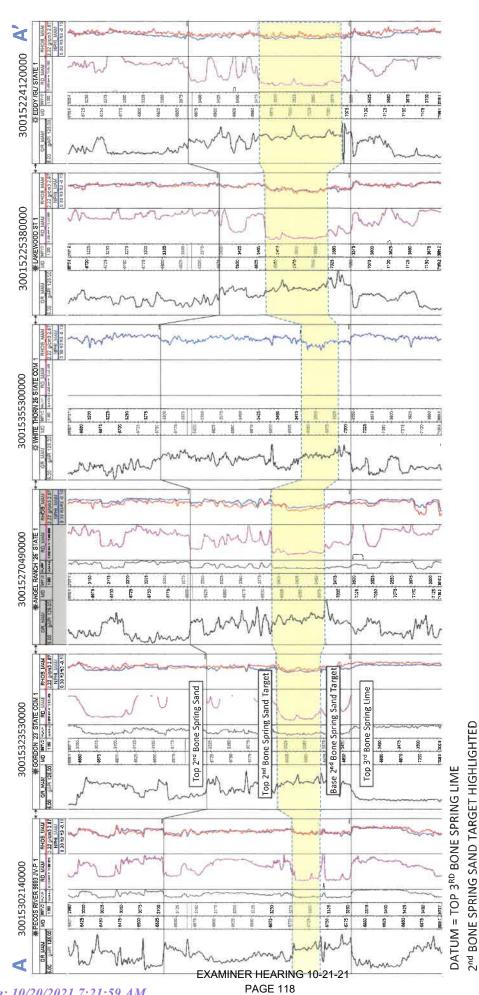




Exhibit 11A



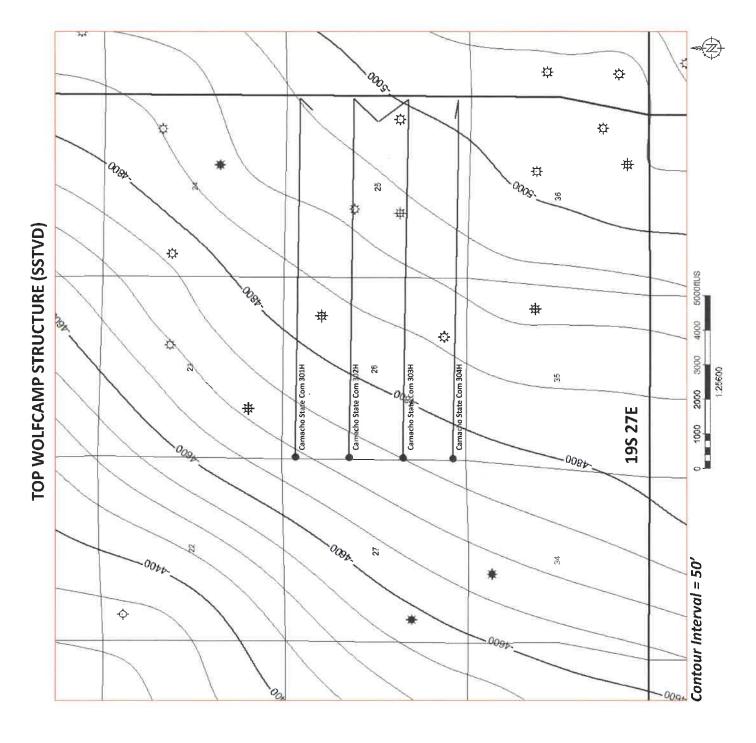


Exhibit 11B



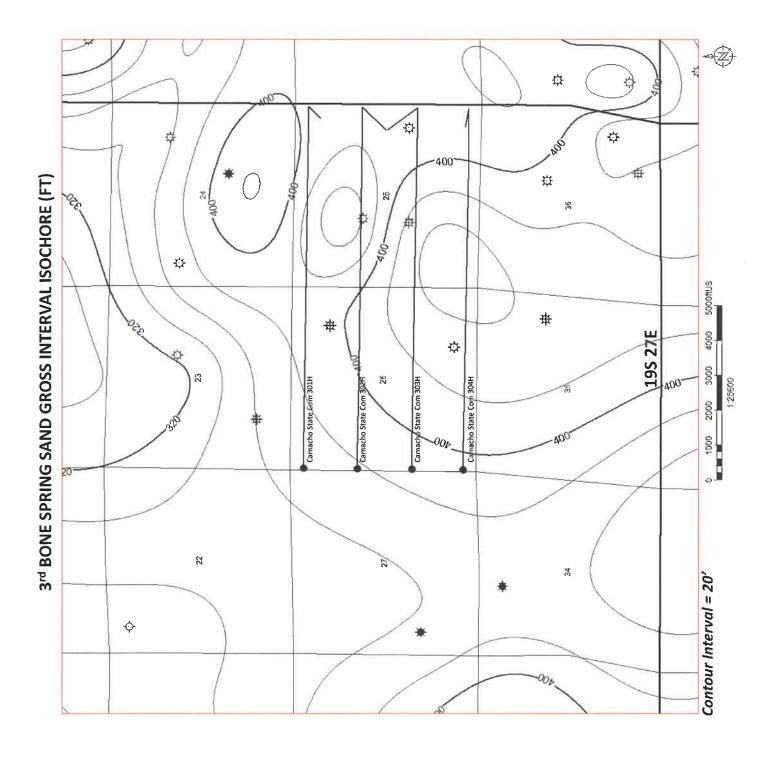
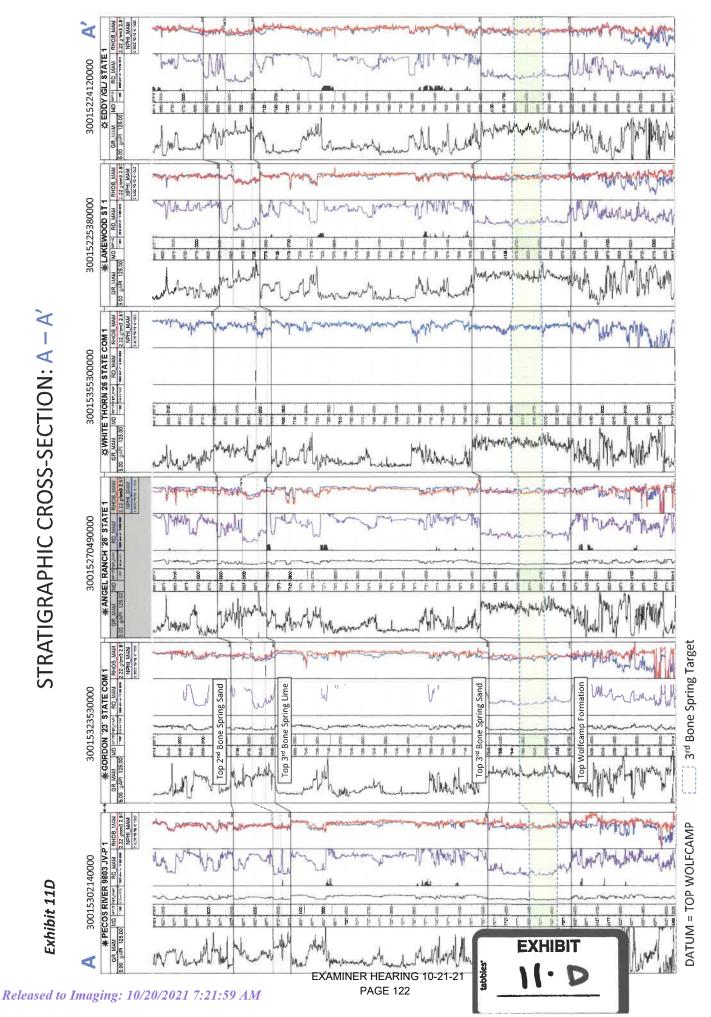


Exhibit 11C





Exhibit 11D



Released to Imaging: 10/20/2021 7:21:59 AM

30015224120000 RHOB MAM 2.22 con3 2.81 NPH MAM causana c.sec #LAKEWOOD ST 1

MD IST-3 RD MAM F
25:00 NM IST-3 30015225380000 GR MARS STRATIGRAPHIC CROSS-SECTION: A – A' 30015355300000 80 JAM RHOB JAM 2.22 pt-5.2 11 NPH JAM #ANGEL RANCH '26' STATE 1 30015270490000 # GORDON '23' STATE COM 1

GORDON '23' STATE COM 1

GR MAM IND properties IN 128 from 21 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 Base 3rd Bone Spring Sand Target Top 3rd Bone Spring Sand Target Top 3rd Bone Spring Sand Top Wolfcamp *PECOS RIVER 8803 JUP 1

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** PEC Exhibit 11E **EXAMINER HEARING 10-21-21**

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3RD BONE SPRING SAND TARGET HIGHLIGHTED

DATUM = TOP WOLFCAMP

Drew Chenoweth

Houston, TX (906) 630-0095

drew.a.chenoweth@gmail.com linkedin.com/in/drew-chenoweth

Apache Corporation - Delaware Basin Geologist

2017-Present

Delaware Basin North West Shelf/North West Slope - Eddy/Lea County NM (one year)

- · Created detailed target maps of North West Shelf acreage. Finalized development plan reviewing regional geology
- Analysed of all non-operated well proposals with engineering team, executing on high NPV agreements
- Detailed geologic mapping of slope stratigraphy. Responsible for planning Palmillo & Camacho wells and monitoring while drilling

NAUR Exploitation Geologist I (one year); NAUR Resource Development Geologist II: Alpine High (two years)

- Responsible for picking well locations/targets, fulfilling CDCs of assigned acreage, geoprognosis creation, leading prespud, geohazard detection/avoidance, casing point depth and monitoring while drilling of 71 wells.
- Monitored 4-5 rig lines at once for several months; Monitored up to seven rigs at once.
- Collaborated with drilling to successfully eliminate liners on 14 wells saving ~\$7MM in equipment costs.
- Responsible for accurate inventory counts of 143k acres.
- Worked with land to successfully create a large pooled lease between three units allowing longer, higher NPV laterals. Pooled unit satisfied CDC with 1/3 of original wells saving \$34MM per year in CDC well costs.
- Collaborated with land, facilities and production teams to create long term development for assigned acreage.
- Designed Alpine High strategy with supervisor and presented to CEO and upper management.

Impac Exploration Services

2016-2017

Wellsite Geologist/Earth Scientist I: Midland and Delaware Basins

- Mudlogged Permian Basin wells while excelling at all aspects of Wellsite Geology and working 12-24 hour shifts.
- Performed various Geochemical analyses in Geoscience lab: XRD, XRF, Pyrolysis, Capillary Suction Time.

Chevron 2014-2016

Operations/Asset Development Geologist: McElroy and Mid-Concho Fields

- Prospected for and identified over 50 workovers that yielded above average results.
- Coordinated with team engineers and manager to review workover candidates within two-day deadline.
- Developed new step-out well locations based on a paleo-channel resolved with seismic amplitude maps.
- Analyzed well logs to improve waterflood sweep and discover bypassed oil opportunities.
- Recalculated and upgraded oil volumetrics in both fields using Petra. Strengthened interpretations using wireline, seismic, production data, scout tickets, hand-drawn maps and core analysis.
- Conceptualized new workover method using rig-less acid jobs, saving hundreds of thousands per year.

Education/Internships

University of Texas at El Paso: M.S. Geology

2014

<u>Thesis:</u> Depositional Environment, Sequence Stratigraphy and Reservoir Properties of the Bliss Fm., El Paso, Texas <u>Scholarships and Achievements:</u> Conoco Phillips Academic Excellence Scholarship UTEP's Vernon G. and Joy Hunt Endowed Scholarship Fund in Geology, Captain of the 2011 UTEP IBA Team; Led team to nationals in Houston.

Conoco Phillips: Intern Geologist: Eagleford Shale

2012

Whiting Petroleum: Intern Geologist: North Ward Estes Field

2011

Lake Superior State University: B.S. Geology, B.A. French

2010

Scholarships and Achievements: Michigan Academic Excellence/Michigan Merit Award Scholarship, L.S.S.U. Geology Program's Academic Excellence Scholarship, L.S.S.U. French Program's Scholarship for Academic Excellence, and the Diplôme de Français des Affaires 1er degree from the Paris Chamber of Commerce.

Software

Significant Experience: Petrel, Decision Space, Transform, Petra, Kingdom, WellView, Rigsense, Totco, Pason, Adobe

Illustrator, MLogger, TLog, Mainlog

Moderate Experience: Spotfire, ArcGIS, Dynamic Surveillance Systems

EXHIBIT 2