

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

Case: 22893	APPLICANT'S RESPONSE
Date	July 7, 2022
Applicant	Cimarex Energy Co.
Designated Operator & OGRID (affiliation if applicable)	215099
Applicant's Counsel:	Darin C. Savage - Abadie & Schill, PC
Case Title:	Application of Cimarex Energy Co. for a Horizontal Spacing Unit and Compulsory Pooling, Lea County, New Mexico
Entries of Appearance/Intervenors:	<i>None</i>
Well Family	Mescalero Ridge
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Exhibit B-2; 4H TVD approx. 9,510', 6H TVD approx. 10,240'
Pool Name and Pool Code:	Quail Ridge; Bone Spring Pool [Code: 50460]
Well Location Setback Rules:	Standard statewide rules
Spacing Unit Size:	320 acres, more or less
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320 acres, more or less
Building Blocks:	quarter quarter sections (40 ac tracts)
Orientation:	north - south
Description: TRS/County	E/2 E/2 of Sections 21 and 28, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	Yes, 1st & 2nd Bone Spring (top of 1st to base of 2nd); See Landman Exhibit A, para 10
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	See Landman Exhibit A-2
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	
Well #1	Mescalero Ridge 21-28 Federal Com 4H Well (API No. 30-015-pending), SHL: Unit B, 484' FNL, 2080' FEL, Section 21, T19S-R34E, NMPM; BHL: Unit P, 100' FSL, 660' FEL, Section 28, T19S-R34E, standup, standard location
Horizontal Well First and Last Take Points	Mescalero Ridge 21-28 Federal Com 4H Well: FTP 100' FNL, 660' FEL, Section 21; LTP 100' FSL, 660' FEL, Section 28
Completion Target (Formation, TVD and MD)	Mescalero Ridge 21-28 Federal Com 4H Well: TVD approx. 9,510', TMD 19,500'; Bone Spring Formation, See Exhibit B-2
Well #2	Mescalero Ridge 21-28 Federal Com 6H Well (API No. 30-015-pending), SHL: Unit B, 424' FNL, 2000' FEL, Section 21, T19S-R34E, NMPM; BHL: Unit P, 100' FSL, 660' FEL, Section 28, T19S-R34E, standup, standard location
Horizontal Well First and Last Take Points	Mescalero Ridge 21-28 Federal Com 6H Well: FTP 100' FNL, 660' FEL, Section 21; LTP 100' FSL, 660' FEL, Section 28

Completion Target (Formation, TVD and MD)	Mescalero Ridge 21-28 Federal Com 6H Well: TVD approx. 10,240', TMD 20,100'; Bone Spring Formation, See Exhibit B-2
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000, Exhibit A
Production Supervision/Month \$	\$800, Exhibit A
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%, Exhibit A
Notice of Hearing	
Proposed Notice of Hearing	Exhibit C, C-1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C-2
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-3
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit A-2
Tract List (including lease numbers and owners)	Exhibit A-2
Pooled Parties (including ownership type)	Exhibit A-2
Unlocatable Parties to be Pooled	Exhibit A
Ownership Depth Severance (including percentage above & below)	Exhibit A-2
Joinder	
Sample Copy of Proposal Letter	Exhibit A-3
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-2
Chronology of Contact with Non-Joined Working Interests	Exhibit A-4
Overhead Rates In Proposal Letter	Exhibit A-3
Cost Estimate to Drill and Complete	Exhibit A-3
Cost Estimate to Equip Well	Exhibit A-3
Cost Estimate for Production Facilities	Exhibit A-3
Geology	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-4
Well Orientation (with rationale)	Exhibit B, B-1
Target Formation	Exhibit B, B-2
HSU Cross Section	Exhibit B-2, B-4, B-5
Depth Severance Discussion	Exhibit B
Forms, Figures and Tables	
C-102	Exhibit A-1
Tracts	Exhibit A-1, A-2, B-1
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-2
General Location Map (including basin)	Exhibit A-2
Well Bore Location Map	Exhibit B-1, B-4
Structure Contour Map - Subsea Depth	Exhibit B-1
Cross Section Location Map (including wells)	Exhibit B-2, B-5
Cross Section (including Landing Zone)	Exhibit B-2, B-4, B-5
Additional Information	
Special Provisions/Stipulations	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Darin C. Savage 
Signed Name (Attorney or Party Representative):	
Date:	July 5, 2022; revised July 8, 2022