

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 268176

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202		2. OGRID Number 372165
4. Property Code 320471		3. API Number 30-025-46063
5. Property Name ASADERO 3 STATE COM		6. Well No. 502H

7. Surface Location

UL - Lot N	Section 3	Township 21S	Range 34E	Lot Idn N	Feet From 300	N/S Line S	Feet From 1800	E/W Line W	County Lea
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8. Proposed Bottom Hole Location

UL - Lot D	Section 3	Township 21S	Range 34E	Lot Idn 4	Feet From 100	N/S Line N	Feet From 1320	E/W Line W	County Lea
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9. Pool Information

GRAMA RIDGE;BONE SPRING, NORTH	28434
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3691
16. Multiple N	17. Proposed Depth 17762	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 6/10/2019
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1850	1572	0
Int1	12.25	9.625	40	5760	1423	0
Prod	8.5	5.5	20	17762	1850	9843
Prod	8.75	5.5	20	10744	834	0

Casing/Cement Program: Additional Comments

Drilling 8.75 hole size for the curve, and 8.5 hole size for the lateral for the 5.5 production casing string.
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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Pipe	10000	5000	Cameron

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable. Signature: Printed Name: Electronically filed by Sarah Ferreyros Title: Senior Regulatory Analyst Email Address: Sarah.Ferreyros@cdevinc.com Date: 6/3/2019	OIL CONSERVATION DIVISION Approved By: Paul F Kautz Title: Geologist Approved Date: 6/5/2019 Expiration Date: 6/5/2021 Conditions of Approval Attached
Phone: 720-499-1454	

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Form C-102
 August 1, 2011
 Permit 268176

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-46063	2. Pool Code 28434	3. Pool Name GRAMA RIDGE;BONE SPRING, NORTH
4. Property Code 320471	5. Property Name ASADERO 3 STATE COM	6. Well No. 502H
7. OGRID No. 372165	8. Operator Name CENTENNIAL RESOURCE PRODUCTION, LLC	9. Elevation 3691

10. Surface Location

UL - Lot N	Section 3	Township 21S	Range 34E	Lot Idn N	Feet From 300	N/S Line S	Feet From 1800	E/W Line W	County Lea
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11. Bottom Hole Location If Different From Surface

UL - Lot D	Section 3	Township 21S	Range 34E	Lot Idn 4	Feet From 100	N/S Line N	Feet From 1320	E/W Line W	County Lea
12. Dedicated Acres 476.85	13. Joint or Infill			14. Consolidation Code			15. Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION <i>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 owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> E-Signed By: Sarah Ferreyros Title: Senior Regulatory Analyst Date: 6/3/2019
	SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Surveyed By: Paul Buchele Date of Survey: 5/28/2019 Certificate Number: 23782

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Form APD Comments

Permit 268176

PERMIT COMMENTS

Operator Name and Address: CENTENNIAL RESOURCE PRODUCTION, LLC [372165] 1001 17th Street, Suite 1800 Denver, CO 80202		API Number: 30-025-46063
		Well: ASADERO 3 STATE COM #502H

Created By	Comment	Comment Date
sferreyros	Spudder rig will preset surface casing. C-102, Additional Points Required and Gas Capture Plan will be emailed after permit is submitted.	6/3/2019

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Form APD Conditions

Permit 268176

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: CENTENNIAL RESOURCE PRODUCTION, LLC [372165] 1001 17th Street, Suite 1800 Denver, CO 80202	API Number: 30-025-46063
	Well: ASADERO 3 STATE COM #502H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 45 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.
pkautz	Stage Tool 1) Must notify OCD Hobbs Office prior to running Stage Tool at 5753703186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.