

**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 267380

**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 322870		3. API Number 30-025-46283
5. Property Name CHORIZO 12 STATE COM		6. Well No. 602H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	36	21S	34E	K	1478	S	1712	W	Lea

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	12	22S	34E	E	2541	N	1254	W	Lea

**9. Pool Information**

OJO CHISO:BONE SPRING	96553
GRAMA RIDGE:BONE SPRING, NE	28435

**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3632
16. Multiple Y	17. Proposed Depth 21438	18. Formation 3rd Bone Spring Sand	19. Contractor	20. Spud Date 10/15/2019
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	5600	1372	0
Prod	8.5	5.5	23	21438	2509	10666
Prod	8.75	5.5	23	11566	916	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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable.  Signature:	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by Sarah Ferreyros	Approved By: Paul F Kautz
Title: Senior Regulatory Analyst	Title: Geologist
Email Address: Sarah.Ferreyros@cdevinc.com	Approved Date: 8/9/2019      Expiration Date: 8/9/2021
Date: 8/8/2019      Phone: 720-499-1454	Conditions of Approval Attached

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Permit 267380

1. API Number 30-025-46283	2. Pool Code 96553	3. Pool Name OJO CHISO;BONE SPRING
4. Property Code 322870	5. Property Name CHORIZO 12 STATE COM	6. Well No. 602H
7. OGRID No. 372165	8. Operator Name CENTENNIAL RESOURCE PRODUCTION, LLC	9. Elevation 3632

UL - Lot K	Section 36	Township 21S	Range 34E	Lot Idn K	Feet From 1478	N/S Line S	Feet From 1712	E/W Line W	County Lea
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UL - Lot E	Section 12	Township 22S	Range 34E	Lot Idn E	Feet From 2541	N/S Line N	Feet From 1254	E/W Line W	County Lea
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12. Dedicated Acres 80.00	13. Joint or Infill	14. Consolidation Code	15. Order No.
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				<b>OPERATOR CERTIFICATION</b>			
<p><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></p>							
E-Signed By:		Sarah Ferreyros					
Title:		Senior Regulatory Analyst					
Date:		8/8/2019					
<b>SURVEYOR CERTIFICATION</b>							
<p><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></p>							
Surveyed By:		Paul Buchele					
Date of Survey:		7/8/2019					
Certificate Number:		23782					

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Form C-102  
 August 1, 2011  
 Permit 267380

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-46283	2. Pool Code 28435	3. Pool Name GRAMA RIDGE;BONE SPRING, NE
4. Property Code 322870	5. Property Name CHORIZO 12 STATE COM	6. Well No. 602H
7. OGRID No. 372165	8. Operator Name CENTENNIAL RESOURCE PRODUCTION, LLC	9. Elevation 3632

**10. Surface Location**

UL - Lot K	Section 36	Township 21S	Range 34E	Lot Idn K	Feet From 1478	N/S Line S	Feet From 1712	E/W Line W	County Lea
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**11. Bottom Hole Location If Different From Surface**

UL - Lot E	Section 12	Township 22S	Range 34E	Lot Idn E	Feet From 2541	N/S Line N	Feet From 1254	E/W Line W	County Lea
12. Dedicated Acres 242.42			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**

	<b>OPERATOR CERTIFICATION</b> <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: 8/8/2019
	<b>SURVEYOR CERTIFICATION</b> <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: 7/8/2019 Certificate Number: 23782

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Form APD Comments

Permit 267380

**PERMIT COMMENTS**

Operator Name and Address: CENTENNIAL RESOURCE PRODUCTION, LLC [372165] 1001 17th Street, Suite 1800 Denver, CO 80202	API Number: 30-025-46283
	Well: CHORIZO 12 STATE COM #602H

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.	5/14/2019
pkautz	APD returned at operators request	5/28/2019
pkautz	APD returned at operators request	5/28/2019
sferreyros	Spudder rig will preset surface casing. Updated C-102, Additional Points Required and Gas Capture Plan will be emailed after permit is submitted.	8/8/2019

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Form APD Conditions

Permit 267380

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
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**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: CENTENNIAL RESOURCE PRODUCTION, LLC [372165] 1001 17th Street, Suite 1800 Denver, CO 80202	API Number: 30-025-46283
	Well: CHORIZO 12 STATE COM #602H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	Will require a administrative order for non-standard location prior to placing the well on production.
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.