

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 257606

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 18 Denver, CO 80202		2. OGRID Number 372165
4. Property Code 322470		3. API Number 30-025-45220
5. Property Name VITALIZER STATE COM		6. Well No. 503H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	33	21S	34E	A	400	N	1138	E	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	33	21S	34E	O	100	S	1550	E	Lea

9. Pool Information

WC-025 G-06 S213326D;BONE SPRING	97929
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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 3712
16. Multiple N	17. Proposed Depth 15332	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 9/13/2019
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	1800	1747	0
Int1	12.25	9.625	40	5300	1470	0
Prod	8.5	5.5	20	15332	1043	10817
Prod	8.75	5.5	20	10817	1184	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.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	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: _____ Printed Name: Electronically filed by Sarah Ferreyros Title: Senior Regulatory Analyst Email Address: Sarah.Ferreyros@cdevinc.com Date: 9/20/2018	<p style="text-align: center;">OIL CONSERVATION DIVISION</p> Approved By: Paul F Kautz Title: Geologist Approved Date: 9/24/2018 Expiration Date: 9/24/2020 Conditions of Approval Attached
Phone: 720-499-1454	

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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		3 Pool Name	
		97929		WC-025 G-06 S213326D: Bone Spring	
4 Property Code		5 Property Name			6 Well Number
318036		VITALIZER STATE			#503H
7 OGRD No.		8 Operator Name			9 Elevation
372165		CENTENNIAL RESOURCE PRODUCTION, LLC			3712.0'

"Surface Location

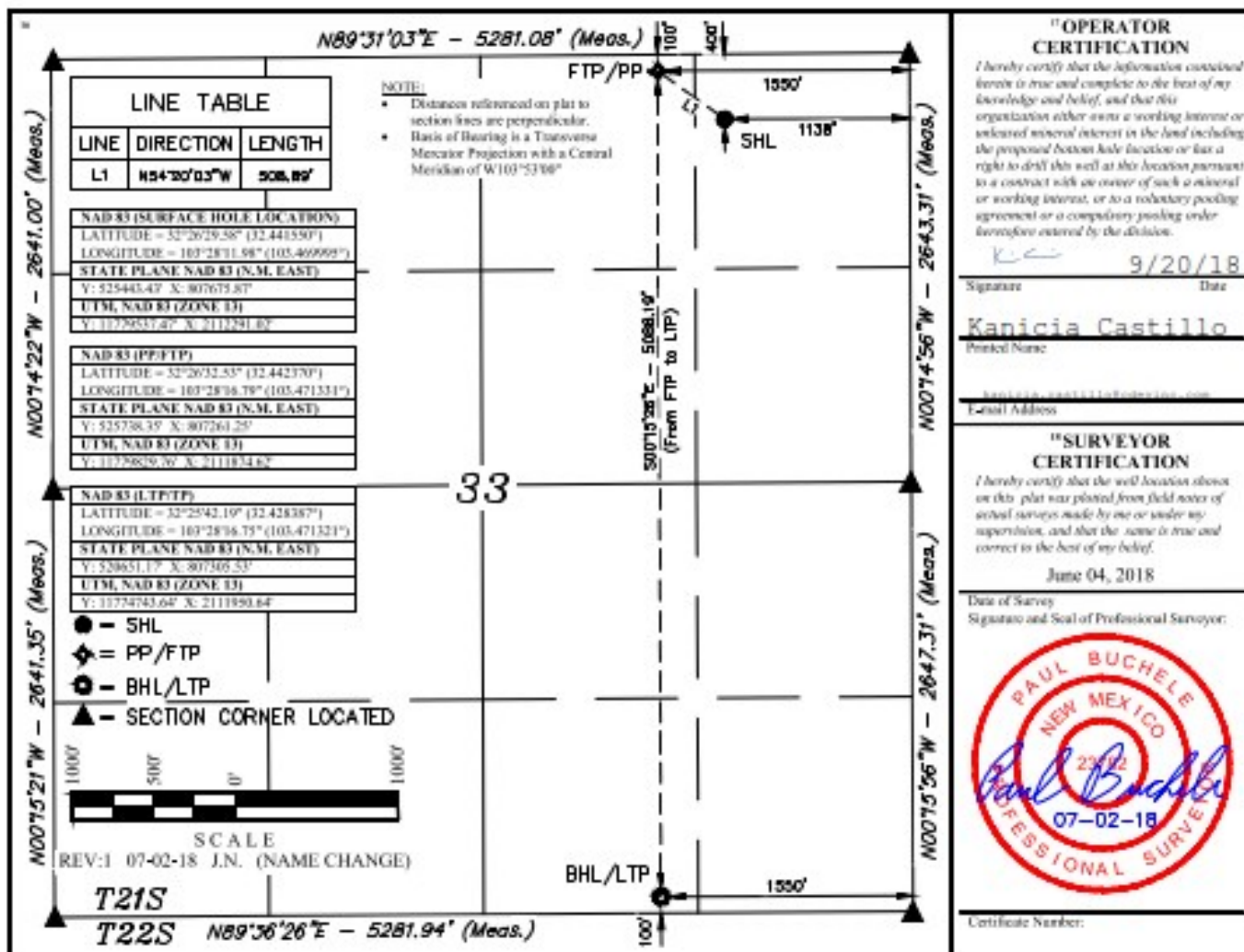
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	33	21S	34E		400	NORTH	1138	EAST	LEA

"Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	33	21S	34E		100	SOUTH	1550	EAST	LEA

10 Dedicated Acres	11 Joint or Infill	12 Consolidation Code	13 Order No.
160			

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 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 indirect mineral interest in the land including the proposed bottom hole location 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.

Signature Date
9/20/18

Kanicia Castillo
Printed Name

kanicia.castillo@bndeserve.com
E-mail Address

"SURVEYOR CERTIFICATION

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.

June 04, 2018

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number:

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State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form APD Comments

Permit 257606

PERMIT COMMENTS

Operator Name and Address:		API Number:
CENTENNIAL RESOURCE PRODUCTION, LLC [372165]		30-025-45220
1001 17th Street, Suite 18		Well:
Denver, CO 80202		VITALIZER STATE COM #503H

Created By	Comment	Comment Date
kcastillo	Spudder rig will preset surface casing. C-102, Additional points document and Gas Capture Form will be emailed.	9/20/2018
pkautz	Waiting on Landman for Centennial and or SLO to verify the mineral ownership of U/L G (SW/4 of NE/4) Sec 33, TWN 21S, RNG 34E. Land search indicates Federal minerals and BLM website indicates it is Private minerals.	9/21/2018
pkautz	GCP requested 09/21/2018	9/21/2018
pkautz	BLM website and Landman for Centennial have confirmed that U/L G (SW/4 of NE/4) Sec 33, TWN 21S, RNG 34E is private minerals. 09/24/2018	9/24/2018

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Form APD Conditions

Permit 257606

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

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: CENTENNIAL RESOURCE PRODUCTION, LLC [372165] 1001 17th Street, Suite 18 Denver, CO 80202	API Number: 30-025-45220
	Well: VITALIZER STATE COM #503H

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 575-370-3186 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.