

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**HOBBS OCD**  
AUG 16 2018

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

5. Lease Serial No.  
NMNM126971

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
NAPOLEON FEDERAL 1H

9. API Well No.  
30-025-43401-00-X1

10. Field and Pool or Exploratory Area  
RED HILLS-BONE SPRING, NORTH

11. County or Parish, State  
LEA COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
CENTENNIAL RESOURCE PRODUCTION, LLC  
Contact: KATIE BIERSMITH  
Email: katie.biersmith@cdevinc.com

3a. Address  
1001 17TH STREET SUITE 1800  
DENVER, CO 80202

3b. Phone No. (include area code)  
Ph: 720-499-1522

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 21 T24S R34E NWNE 400FNL 2460FEL

**RECEIVED**

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Hydraulic Fracturing
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Change to Original APD

**Carlsbad Field Office**  
**OCD Hobbs**

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Centennial Resource Production, LLC requests to update the BHL, target depth, and name of this well. Please see changes below and attached updated plat, drill plan and directional plan. There are no changes to the surface hole location or the approved Surface Use Plan for this well.

New well name: ~~Ranger Federal 301H~~  
New proposed BHL: 100' FSL 2310' FEL SEC 21, T 24S R 34E, 32.196073, -103.473840  
New proposed KOP: 330' FNL 2312' FEL SEC 21, T 24S R 34E, 32.209396, -103.473839  
New proposed TVD: 10,300'  
New proposed formation: 1st Bone Spring

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

Should you have any questions, please contact me at (720) 499-1522. Thank you!

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #429558 verified by the BLM Well Information System  
For CENTENNIAL RESOURCE PRODUCTION, sent to the Hobbs  
Committed to AFMS for processing by PRISCILLA PEREZ on 08/13/2018 (18PP1669SE)**

Name (Printed/Typed) KATIE BIERSMITH Title REGULATORY ANALYST

Signature (Electronic Submission) Date 08/01/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By /s/ Zota Stevens Title \_\_\_\_\_ Date 8-14-18

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office **Petroleum Engineer  
Carlsbad Field Office**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2) **\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

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# Drilling Plan Raider Federal 301H (fka Napoleon Federal 1H)

API #: 30-025-43401

SHL: 400 FNL, 2460 FEL Section 21, T24S, R34E

BHL: 100 FSL, 2310 FEL, Section 21, T24S, R34E

Lea County, New Mexico

Ground Level: 3525

RKB (25'): 3550

Drilling Duration: 25 days

Lamar Top: 5340

BOP Pressure Rating: 5M

DV: N/A

BOP Rating Depth: 10300' TVD

Avalon Shale Top: 9175

## BOP Equipment Description:

The BOP and related equipment will meet or exceed the requirements of a 5M-psi system as set forth in On Shore Order No. 2. See attached BOP Schematic. A. Casinghead: 13 5/8" – 5,000 psi SOW x 13" – 5,000 psi WP Intermediate Spool: 13" – 5,000 psi WP x 11" – 5,000 psi WP Tubinghead: 11" – 5,000 psi WP x 7 1/16" – 15,000 psi WP B. Minimum Specified Pressure Control Equipment • Annular preventer • One Pipe ram, One blind ram • Drilling spool, or blowout preventer with 2 side outlets. Choke side will be a 3-inch minimum diameter, kill line shall be at least 2-inch diameter • 3 inch diameter choke line • 2 – 3 inch choke line valves • 2 inch kill line • 2 chokes with 1 remotely controlled from rig floor (see Figure 2) • 2 – 2 inch kill line valves and a check valve • Upper kelly cock valve with handle available • When the expected pressures approach working pressure of the system, 1 remote kill line tested to stack pressure (which shall run to the outer edge of the substructure and be unobstructed) • Lower kelly cock valve with handle available • Safety valve(s) and subs to fit all drill string connections in use • Inside BOP or float sub available • Pressure gauge on choke manifold • All BOPE connections subjected to well pressure shall be flanged, welded, or clamped • Fill-up line above the uppermost preventer. C. Auxiliary Equipment • Audio and visual mud monitoring equipment shall be placed to detect volume changes indicating loss or gain of circulating fluid volume. (OOS 1, III.C.2) • Gas Buster will be used below intermediate casing setting depth. • Upper and lower kelly cocks with handles, safety valve and subs to fit all drill string connections and a pressure gauge installed on choke manifold.

Requesting BOP Variance: No

## BOP Testing Procedure:

The BOP test shall be performed before drilling out of the surface casing shoe and will occur at a minimum: a. when initially installed b. whenever any seal subject to test pressure is broken c. following related repairs d. at 30 day intervals e. checked daily as to mechanical operating conditions. The ram type preventer(s) will be tested using a test plug to 250 psi (low) and 5,000 psi (high) (casinghead WP) with a test plug upon its installation onto the 13" surface casing. If a test plug is not used, the ram type preventer(s) shall be tested to 70% of the minimum internal yield pressure of the casing.

The annular type preventer(s) shall be tested to 50% of its working pressure. Pressure will be maintained for at least 10 minutes or until provisions of the test are met, whichever is longer. • A Sundry Notice (Form 3160 5), along with a copy of the BOP test report, shall be submitted to the local BLM office within 5 working days following the test. • If the bleed line is connected into the buffer tank (header), all BOP equipment including the buffer tank and associated valves will be rated at the required BOP pressure. • The BLM office will be provided with a minimum of four (4) hours' notice of BOP testing to allow witnessing. The BOP configuration, choke manifold layout, and accumulator system, will be in compliance with Onshore Order 2 for a 5,000 psi system. A remote accumulator will be used. Pressures, capacities, and specific placement and use of the manual and/or hydraulic controls, accumulator controls, bleed lines, etc., will be