

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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.*5. Lease Serial No.  
NMNM88134 ✓

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

H B 11 FEDERAL 5 ✓

2. Name of Operator

DEVON ENERGY PRODUCTION COMPANY

Contact: ERIN WORKMAN

E-Mail: Erin.workman@dev.com

9. API Well No.

30-015-32741-00-S1 ✓

3a. Address

6488 SEVEN RIVERS HIGHWAY  
ARTESIA, NM 88211

3b. Phone No. (include area code)

Ph: 405-552-7970

10. Field and Pool or Exploratory Area

CEDAR CANYON-BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 11 T24S R29E NENW 330FNL 1750FWL ✓

11. County or Parish, State

EDDY COUNTY, NM

**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"/> Deepen               | <input type="checkbox"/> Production (Start/Resume)      | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation                    | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction     | <input type="checkbox"/> Recomplete                     | <input type="checkbox"/> Other          |
|                                                      | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon     | <input checked="" type="checkbox"/> Temporarily Abandon |                                         |
|                                                      | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back            | <input type="checkbox"/> Water Disposal                 |                                         |

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 recompleat 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 recompleat 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.

In response to Notice of Written Order DMB1707185 written by Michael Balliet, Devon Energy Production Company, LP respectfully requesting approval to Temporarily Abandon the 2nd Bone Spring production interval for the subject well per the attached procedures.

Attached: Procedures  
Current Wellbore  
Proposed Wellbore

Thank you!

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

NOV 22 2017

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL****RECEIVED**

**Accepted for record**  
**NMOC D RE**  
**APPROVED** 11/28/17  
**SUBJECT TO LIKE  
APPROVAL BY STATE**

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

Electronic Submission #386346 verified by the BLM Well Information System

For DEVON ENERGY PRODUCTION COMPANY LP, sent to the Carlsbad

Committed to AFMSS for processing by PRISCILLA PEREZ on 09/27/2017 (17PP0988SE)

Name (Printed/Typed) ERIN WORKMAN

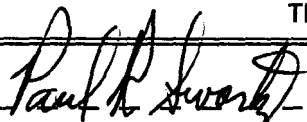
Title REGULATORY COMPLIANCE PROF.

Signature (Electronic Submission)

Date 08/28/2017

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

Approved By



11/08/2017

Title

TPET

Date

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

**BUREAU OF LAND MANAGEMENT  
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 \*\***

**DVN: H B 11 Federal #5****API #30-015-29625**

Sec 11-T24S-R29E

Eddy County, NM

8/25/2017

**Purpose: Temporarily Abandon 2<sup>nd</sup> Bone Spring Production Interval**T.D. – 8,497' PBTD – 8,408' ; CIBP to be SET @ ~~6,850'~~ w/ 35' cmt on top ~~(6,815')~~

Wellbore fluid: Formation oil, natural gas and formation water.

**Casing and Tubing Data:**

| Size    | Wt.<br>lb/ft | Grade | Interval   | (.80 S. F.)<br>Collapse | (.80 S. F.)<br>Burst | Drift   | Capacity<br>(bbls/ft) |
|---------|--------------|-------|------------|-------------------------|----------------------|---------|-----------------------|
| 13-3/8" | 48           | H-40  | 0 - 560'   | 600                     | 1,375                | 12.559" |                       |
| 8-5/8"  | 32           | J-55  | 0 - 3,110' | 2,000                   | 3,100                | 7.796"  |                       |
| 5-1/2"  | 17           | K-55  | 0 - 8,497' | 3,930                   | 4,250                | 4.767"  | 0.0232                |
| 2-7/8"  | 6.5          | L-80  | 0 - 8,193' | 8,925                   | 8,450                | 2.347"  | 0.00579               |

2-7/8" by 5-1/2" – 0.0152 bbls/ft.

5-1/2" – 0.1305 ft3/ft

**Top of Cement:** To be validated via Cement Bond Log during procedure**Current Perfs:****2<sup>nd</sup> Bone Spring Sandstone**

7,956'-7,963' (7')

8,108'-8,121' (13')

8,128'-8,132' (4')

**HB 11 Federal #5****Procedure:**

1. Remove PR and Stuffing Box. Install Rod rams. Unseat pump and T.O.H. with rods and pump.
2. ND wellhead. NU 5,000 psi BOPE, w/1 set of blind rams on bottom plus 1 set of 2-7/8" tbg rams on top. Test BOPE to Devon specifications.
3. Unset TAC @ ~7,902'. T.O.H.  
*within 7850'-7940'*
4. TIH and set CIBP at ~~6,850'~~. Cap CIBP with 35' cement (~~minimum 25 sacks~~) for a PBTD of ~~6,815'~~. Wait on cement.
5. TIH and tag top of cement to verify sufficient cap. TOOH tubing string.

6. Run casing integrity log and CBL. Submit results to BLM and verify top of cement above proposed perforated interval.
7. Fill wellbore with corrosion inhibited water. Utilize fresh water with vendor supplied corrosion inhibiting chemical.
8. Contact BLM prior to executing this step. MIT the 5-1/2" csg to 500 psi at surface for 30 min with a 1000 psi chart recorder and submit results to BLM with corrosion inhibited fluid.
9. R.D.M.O. DDCU and release all rentals. Shut in all tubing and casing valves.

**DEVON ENERGY PRODUCTION COMPANY LP**

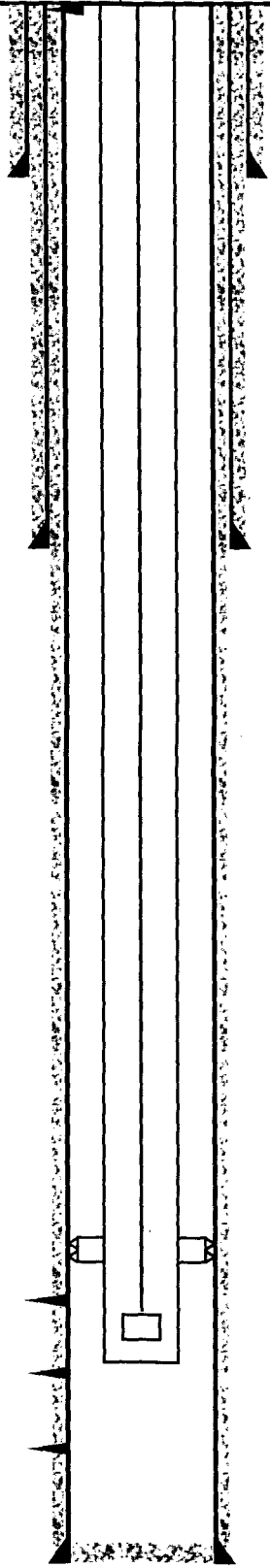
|                                                  |                           |                             |                    |
|--------------------------------------------------|---------------------------|-----------------------------|--------------------|
| Well Name: HB 11 FEDERAL #5                      |                           | Field: PIERCE CROSSING EAST |                    |
| Location: 330' FNL & 1750' FWL; SEC 11-T245-R29E |                           | County: EDDY                | State: NM          |
| Elevation: 3082' KB; 3064' GL; 18' KB to GL      |                           | Spud Date: 8/15/03          | Compl Date: 9/5/03 |
| API#: 30-015-32741                               | Prepared by: Joe Koessler | Date: 8/25/17               | Rev:               |

**CURRENT WELLBORE**

17-1/2" hole  
13-3/8", 48#, H40, 8RD, STC, @ 560'

11" Hole  
8-5/8", 32#, J55, 8RD, STC, @ 3,110'

Formation Tops:  
 Delaware: 3159'  
 Brushy: 5277'  
 Bone Spring: 6877'



249 Jts -2-7/8" Prod tubing (3/5/2006)

TAC @ 7,902'

8 Jts -2-7/8" Prod tubing (3/5/2006)  
 SN @ 8,157'  
 EOT @ 8,193'

Bone Spring  
 7956'-7963'

Bone Spring  
 8108'-8121'

Bone Spring  
 8128'-8132'

7-7/8" Hole  
5-1/2", 17#, K55, 8RD, LTC, @ 8,497'

8497' TVD

# DEVON ENERGY PRODUCTION COMPANY LP

|                                                  |                           |                             |                    |
|--------------------------------------------------|---------------------------|-----------------------------|--------------------|
| Well Name: HB 11 FEDERAL #5                      |                           | Field: PIERCE CROSSING EAST |                    |
| Location: 330' FNL & 1750' FWL; SEC 11-T24S-R29E |                           | County: EDDY                | State: NM          |
| Elevation: 3082' KB; 3064' GL; 18' KB to GL      |                           | Spud Date: 8/15/03          | Compl Date: 9/5/03 |
| API#: 30-015-32741                               | Prepared by: Joe Koessler | Date: 8/25/17               | Rev:               |

## PROPOSED TEMPORARY ABANDONEMENT OF BONE SPRING PRODUCTION ZONE

17-1/2" hole

13-3/8", 48#, H40, 8RD, STC, @ 560'

11" Hole

8-5/8", 32#, J55, 8RD, STC, @ 3,110'

Bone Spring  
7956'-7963'

Bone Spring  
8108'-8121'

Bone Spring  
8128'-8132'

7-7/8" Hole

5-1/2", 17#, K55, 8RD, LTC, @ 8,497'

### Proposed:

2. Cap CIBP w/35' cmt. 6,815' PBD.
1. Set CIBP @ 6,850'

8497' TVD

**Conditions of Approval**  
**Devon Energy Production Company**  
**H B - 05, API 3001532741**  
**T24S-R29E, Sec 11, 330FNL & 1750FWL**  
**November 8, 2017**

**Begin wellbore operations within 90 days of these conditions of approval for the processed Electronic Submission #386346 notice of intent or request an extension.**

**Well has no record of beneficial use since month of 02/2017.**

**Operator is to have this NOI approved preparation procedure for temporary abandonment with applicable conditions of approval on location for this workover operation.**

A temporarily abandoned well defined as a completion not capable of production in paying quantities but which may have value as a service well.

Temporary Abandonment (TA) BLM Status Approval Requires:

1. A Notice of Intent (NOI) Sundry (Form 3160-5) requesting approval to prepare the wellbore for a mechanical integrity test (MIT) or casing integrity test (CIT).
2. A subsequent sundry report that describes compliance:
  - a. All downhole production artificial lift equipment (tubing, rods, etc.) removed from casing. A wellbore with a packer set just above producing or injection perforations with annulus integrity above the packer, and loaded with corrosion inhibiting fluid considered for TA status by passing a Mechanical Integrity Test.
  - b. A cast iron bridge plug or packer installed within 100 feet above perforations or open hole of open formations.
  - c. Where the formation may be reopened 35 feet cement bailed on the CIBP is sufficient.
  - d. Open formations below potential production plugged back per permanent plugging procedures. **Set a CIBP above the top perforations of a formation permanently abandoned and cap with a minimum of 25 sacks cement placed with tubing. Also, cover the formation top with a minimum of 25 sacks cement placed with tubing.** A cement plug requires the top of the set cement verified by a tubing tag.
  - e. At least 24 hours prior to conducting the Mechanical Integrity Test, contact the appropriate BLM office. Eddy County call Carlsbad 575-361-2822.
  - f. Documentation of a 500psig minimum BLM witnessed Mechanical Integrity Test on a one hour full rotation calibrated (within 6 months) recorder chart registering within 35 to 75 per cent of its full range. Greater than 10% pressure leakoff viewed as a failed MIT. Verify all annular casing vents plumbed to surface and those valves open to the surface during this pressure test. Pressure leakoff will be evaluated site specifically and affect approvals.

3. Submit a Subsequent Sundry Notice (Form 3160-5) requesting TA approval with a description of the preparation for temporary abandonment approval, a clear copy or the original Mechanical Integrity Test chart, **an electronic copy of the proposed CBL**, and **justification for not plugging**. Justification is listing the proposed beneficial use and reasonable expected dated events to initiate a conversion to beneficial use. Often overlooked is a backlog of wells that have no potential beneficial use (should have been plugged and abandoned) that create a status surplus.
4. This BLM TA NOI Approval is for WELLBORE PREPARATION ONLY. BLM IS NOT APPROVING TA Status FOR THIS WELL. If warranted, TA approval status for a specified time limit noted with BLM acceptance of the subsequent report of preparations and justification.
5. Should Mechanical Integrity Test not prove wellbore integrity or not be conducted submit a procedure to repair or plug and abandon the well for BLM approval within 30 days of the MIT.