

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

GCD Artesia  
OCD Artesia

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**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.  
NMNM94478

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
DEVON ENERGY PRODUCTION CO  
Contact: JUDITH A. BARNETT  
Email: Judith.Barnett@dm.com

3a. Address  
333 WEST SHERIDAN AVE  
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)  
Ph: 405-228-8699

8. Well Name and No.  
H B 11 FEDERAL 1

9. API Well No.  
30-015-28693-00-S1

10. Field and Pool, or Exploratory  
UNDESIGNATED  
*Atoka Morrow Formations*

11. County or Parish, and State  
EDDY COUNTY, NM

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 11 T24S R29E SWNW

**RECEIVED**  
MAR 06 2014  
NMOCD ARTESIA

12. CHECK 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"/> Fracture Treat	<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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input 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 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

DEVON ENERGY PRODUCTION COMPANY, L. P. respectfully requests approval to recomplete to the Wolfcamp and abandon the Morrow as follows:

- 1) Test & install TA. MIRU WSU.
- 2) Top kill tbg w/ 2% KCL.
- 3) ND Tree. NU 10K BOP w/ one set blind rams on btm; 1 set 2 3/8" rams on top. Test BOP.
- 4) Install TIW valve on tbg. Rise pkr. Drop to 13,560', ck for sand, scale & fill.
- 5) TOOH w/ tbg & BHA.
- 6) RU WL. TIH & set 4 1/2", 13.5#, 10K CIBP @ 13,500'. LH w/ 2% KCL. Test-CIBP & 4 1/2" & 7" CG to 1500 psi, 30 mins. Dump ball 35' on CIBP. New PBTD @ 13,465'. RD WL.
- 7) TIH w/ 3 1/8" slick perf gun @ 2 spf on perf fr: 11,764-73'; 11,661-73' w/ Total 42 holes. Correlate W/ OH neutron log (Western Atlas/Compensated Z/Densilog/Compensated Neutron Gamma Ray

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

*Accepted for record  
CRJ NMOCD 3/11/14*

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

Electronic Submission #232484 verified by the BLM Well Information System  
For DEVON ENERGY PRODUCTION CO LP, sent to the Carlsbad  
Committed to AFMSS for processing by JENNIFER MASON on 02/05/2014 (14JAM0109SE)

Name (Printed/Typed) JUDITH A. BARNETT Title SR. REGULATORY SPECIALIST

Signature (Electronic Submission) Date 01/20/2014

**APPROVED**  
FEB 28 2014  
*Jennifer Mason*  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By \_\_\_\_\_ Title \_\_\_\_\_

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 \_\_\_\_\_

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.

**Additional data for EC transaction #232484 that would not fit on the form**

**32. Additional remarks, continued**

Caliper w/ combined dates of December 12, 1995/December 21, 1995 & February 5, 1996).

8) TIH w/ WEG 2 3/8" "F" Profile nipple, 4.7# N-80 tbg sub; 4 1/2" pkr; On/Off Tool, 4.7# N-30 tbg lift sub & 2 3/8" , 4.7# N-80 ABC Mod tbg to 11,610' KBM. Set pkr & hydrotest tbg to 8500 psi, below slips.

9) ND BOP. NU Tree & test. MIRU acid crew. Test lines to 9000#. Acid stim Wolfcamp @ 11,764-73'; 11,661-73' w/ 4K gals 15% Ferchek SC IC (0.3%) in 6 stages w/ 84 BS MR for diversion. Flush w/ 3500 g 2% KCL. Treating press @ 5 bpm is 6500 psi. Top surf press @ 8000 psi. RD.

10) FWB. RU & RIH w/ swab.

11) Install DH production equip. RDMO. TOP.

**DEVON ENERGY PRODUCTION COMPANY LP**

Well Name: H B 11 FEDERAL 1		Field: CEDAR CANYON	
Location: 1980' FNL & 660' FWL; SEC 11-T24S-R29E		County: EDDY	State: NM
Elevation: 3060' KB; 3034 GL; 26' KB TO GL		Spud Date: 11/30/95	Compl Date: 2/22/96
API#: 30-015-28693	Prepared by: Ronnie Slack	Date: 1/9/14	Rev:

17-1/2" Hole  
13-3/8", 48#, H40, ST&C, @ 677'  
 Cmt'd w/775 sx to surf

12-1/4" Hole  
9-5/8", 36#, K55, ST&C, @ 3,005'  
 Cmt'd w/1650 sx to surf

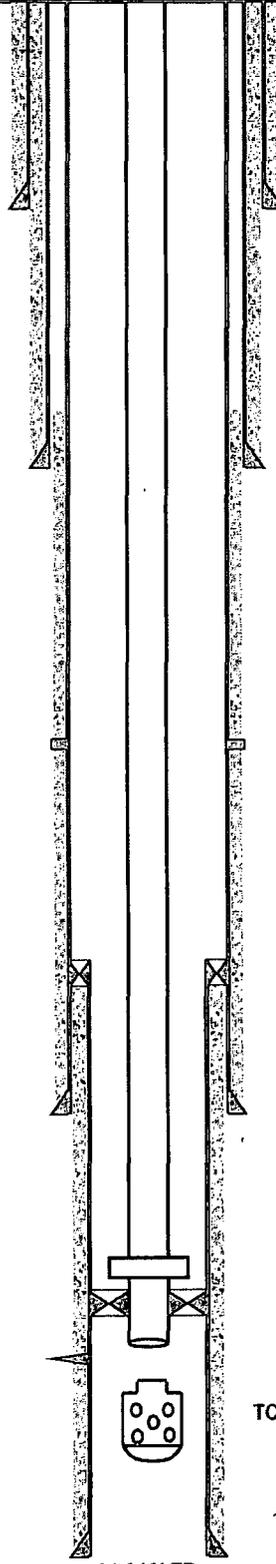
DV @ 7,116'

Top of 4-1/2" Liner @ 10,081'

8-3/4" Hole  
7", 26#, S95, LTC, @ 10,430'  
 Cmt'd Stg 1 w/850 sx; Stg 2 w/1100 sx  
 CBL 2500-7065; TOC @ 2600. Drlg rpt (12/25/95)

MORROW (2/21/96)  
 13,548' - 13,554'

6-1/8" Hole  
4-1/2", 13.5#, S95, LTC, Liner @ 10,081 - 14,008'  
 Cmt'd w/550 sx



**Prod Tbg 2/20/96**

403 Jts, 2-3/8", 4.7#, ABC, N80 tbg  
 2-3/8, SN (1.81 id) @ 13,188  
 1 Jt 2-3/8" tbg, 33'  
**Guib On/Off tool @ 13,265'**  
**Guib Uni VI Pkr @ 13,267**  
 1 Jt 2-3/8" tbg, 33'  
**2-3/8" F Nipple (1.78 id) @ 13,306**  
 1 Jt 2-3/8" tbg 32.76'  
**Mech Rel @ 13,340'. (Guns Relsd 2/27/91)**  
 5 Jts 2-3/8", 164'  
 Debris sub, .4'  
 1 Jt 2-3/8", 32.78'  
 Firing head, 4.9'  
 Spacer, 4.65'  
 Guns 13,548-13,554  
 Bull Plug, EOT @ 13,555'

TCP guns relsd. TOF 13,574' (2/27/96.)

13,902' PBTD

14,010' TD

**H B 11 Federal 1  
30-015-28693  
Devon Energy Production Co., LP  
February 28, 2014  
Conditions of Approval**

**Notify BLM at 575-361-2822 a minimum of 24 hours prior to commencing work.**

**Work to be completed by May 28, 2014.**

- 1. Operator shall place CIBP at 13,500' and place a minimum of 25 sx class H cement plug on top. Tag required at a minimum depth of 13,260'.**
- 2. Must conduct a casing integrity test to maximum treating pressure before any perforating or fracturing can be done. Submit results to BLM.**
3. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.
4. Surface disturbance beyond the originally approved pad must have prior approval.
5. Closed loop system required.
6. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
7. Operator to have H2S monitoring equipment on location.
8. A minimum of a **10000 (10M)** BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (10M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
- 9. Subsequent sundry required detailing work done and completion report with the new formation. Operator to include well bore schematic of current well condition when work is complete.**

**10. See attached for general requirements.**

**JAM 022814**

**BUREAU OF LAND MANAGEMENT**  
**Carlsbad Field Office**  
**620 East Greene Street**  
**Carlsbad, New Mexico 88220**  
**575-234-5972**

**General Requirements for Plug Backs**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from this approval.

**If you are unable to plug back the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.**

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement.

**Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either **Neat Class "C"**, for up to 7,500 feet of depth or **Neat Class "H"**, for deeper than 7,500 feet plugs.

6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date work was completed.**

7. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.