

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.*

OCD Hobbs  
HOBS OCS  
RECEIVED  
OCT 24 2018

5. Lease Serial No.  
NMLC065194

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. WHITE DOVE 17 FED COM 3H
2. Name of Operator DEVON ENERGY PRODUCTION COM LP Contact: REBECCA DEAL Mail: Rebecca.Deal@dvn.com		9. API Well No. 30-025-43028-00-X1
3a. Address 6488 SEVEN RIVERS HIGHWAY ARTESIA, NM 88211	3b. Phone No. (include area code) Ph: 405-228-8429	10. Field and Pool or Exploratory Area ANTELOPE RIDGE-BONE SPRING, W
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T23S R34E Lot 4 260FSL 1400FWL		11. County or Parish, State LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" 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 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.

WATER PRODUCTION & DISPOSAL INFORMATION - Site Name: White Dove 17 Fed Com 3H

- Name(s) of formation(s) producing water on the lease: Antelope Ridge-BS, W
- Amount of water produced from all formations in barrels per day: 1250bbbls per day
- How water is stored on lease: 4-750bbl produced water tanks located at the White 17 Dove CTB 1

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

**Electronic Submission #438063 verified by the BLM Well Information System  
For DEVON ENERGY PRODUCTION COM LP, sent to the Hobbs  
Committed to AFMSS for processing by DEBORAH MCKINNEY on 10/03/2018 (19DLM0012SE)**

Name (Printed/Typed) REBECCA DEAL	Title REGULATORY COMPLIANCE PROFESSI
Signature (Electronic Submission)	Date 10/03/2018

THIS SPACE FOR FEDERAL OR STATE OF

**ACCEPTED FOR RECORD**  
OCT 3 2018  
Date  
McKinney ME  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

Approved By _____	Title _____	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 _____		

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 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 \*\***

**Accepted for Record Only**  
YMB/ocd 10/24/2018

**Additional data for EC transaction #438063 that would not fit on the form**

**32. Additional remarks, continued**

5. How water is moved to the disposal facility: piped

6. Identify the Disposal Facility by:

A. Facility Operators Name: a) Devon Energy b) Devon Energy

B. Facility or well name/number: a) Rio Blanco 4 Fed 3 SWD b) Caballo 9 State 1

C. Type of Facility or well (WDW) (WIW): a) WDW b) WDW

D.1) Location by ?? NW/4 SE/4 Section 4 Township 23S Range 34E

D.2) Location by ?? SW/4 NW/4 Section 9 Township 23S Range 34E

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
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.  
NM 19143

6. If Indian, Allottee or Tribe Name

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

1. Type of Well

Oil Well  Gas Well  Other SWD Conversion Order R-13410

7. If Unit of CA/Agreement, Name and/or No.  
NM 112730

8. Well Name and No.  
Rio Blanco 4 Fed Com #3

2. Name of Operator  
Devon Energy Production Co., LP

9. API Well No.  
30-025-36425

3a. Address  
333 W Sheridan Avenue, Oklahoma City, OK 73102

3b. Phone No. (include area code)  
405-552-4615

10. Field and Pool or Exploratory Area  
Bell Lake; Devonian, Northeast (SWD)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1650' FSL & 1650' FEL; Sec 4-T29S-R34E

11. Country or Parish, State  
Lea County, NM

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

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<input 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 checked="" 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 type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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Summary of well work to convert to SWD:

- 3/28/12-MIRU. POOH w/existing production string and packer from 14,338'
- TIH w/2-7/8" workstring to test casing. Unable to work below 11,882'. RIH w/4-1/8" bit & scraper. Clean out to 14,460'.
- Circulate packer fluid and test casing to 1,000 psi from RBP @ 14,454'. Good test. POOH w/work string and RBP.
- RIH w/ 3-1/2" X 2-7/8" Enertube/Ultratube lined injection tubing. Set packer @ 14,415'. Circulate inhibited 10# brine.
- 4/17/12-Run MIT for BLM. Test to 800 psi. Would lose 80-90 psi in 30 minutes. Failed test. Andy Garcia w/BLM witnessed.
- POOH w/injection tubing. RIH w/3-1/2" X 2-7/8" Enertube/Ultratube lined injection tubing. Set packer @ 14,431'. Circulate w/inhibited 10# brine.
- 4/23/12-Run MIT for BLM. Test to 800 psi for 30 minutes. Good test. Andy Garcia w/BLM witnessed.
- 10/25/12: Acidized Devonian formation with 895 gal 2% KCl, 3,000 gal 15% HCl acid, 3,616 gal 2% KCl.
- 10/26/12: Injection test @ 4.5 bpm @ 1100 psi.
- 1/18/13: Perform Step Rate Test: Step 1-1 bpm @ 16 psi; Step 2-2 bpm @ 160 psi; Step 3-3 bpm @ 490 psi; Step 4-4 bpm @ 960 psi; Step 5-5 bpm @ 1,490 psi; Step 6-6 bpm @ 2,180 psi; Step 7-7 bpm @ 2,870 psi. SI.
- 2/15/13- Hooked up pump truck and injected total of 260 bbl. Injected 4.5 bpm @ 2000 psi. Will continue to temporarily truck haul water for injection until flowline and facility installation is complete.

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

Name (Printed/Typed)

Ronnie Slack

Title Operations Technician

Signature

*Ronnie Slack*

Date

3-5-13

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

Approved by

Title

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

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)

**DEVON ENERGY PRODUCTION COMPANY LP**

Well Name: Rio Blanco 4 Fed Com 3		Field: Bell Lake North	
Location: 1650' FSL & 1650' FEL; Sec 4, T23S, R34E		County: LEA	State: NM
Elevation: 3424' KB; 3400' GL		Spud Date: 5/11/04	Compl Date: 08/26/04
API#: 30-025-36425	Prepared by: Ronnie Slack	Date: 3/5/13	Rev:

**CONVERTED TO SWD**  
Initial Disposal - 2/15/13

17-1/2" Hole  
13-3/8", 61#, J55, STC, 8RD @ 2,090'  
Cmt'd w/ 1845 sxs. Cmt to surf.

ETOC on 7-5/8" @ 4570' (calculated)

12-1/4" Hole  
9-5/8", 43.5#, P110, @ 5,070'  
Cmt'd w/ 1265 sx

356 Jts 3-1/2", 10#, L80, Enertube lined tubing (4/21/12)  
35 Jts 2-7/8", 7#, L80, Enertube lined tubing (4/21/12)  
64 Jts 2-7/8", 7#, L80, Ultratube lined tubing (4/21/12)

5", Liner Top @ 11,564'

8-1/2" Hole  
7-3/4", 46#, T95, F/ 0' - 6,788'  
7-3/4", 46#, N80, F/ 6,788' - 6,911'  
7-5/8" X 7-3/4" X-Over F/ 6,911' - 6,953'  
7-5/8", 39#, C90, F/ 6,953' - 8,286'  
7-5/8", 39#, T95 F/ 8,286' - 11,885'  
Cmt'd w/ 1100 sxs

600 bbis 10# inhibited pkr fluid (4/21/12)

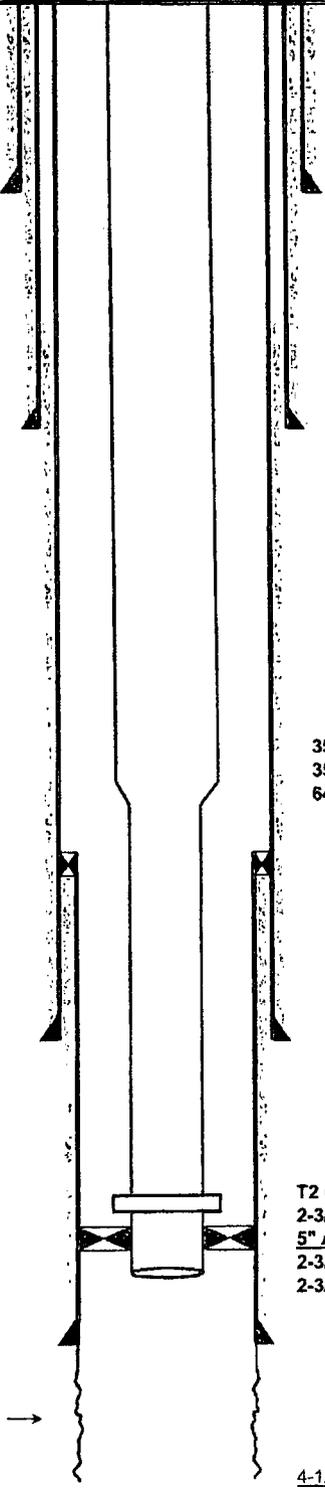
T2 On/Off Tool  
2-3/8", 1.87 F Nipple  
5" Arrowset Nickel coated Packer @ 14,431' (4/20/12)  
2-3/8" x 8" sub  
2-3/8", 1.87 R Nipple

6-1/2" Hole  
5", 18#, P110, Ultra FJ @ 14,500'  
Cmt'd w/ 70 bbl slurry of 13.7 ppg cmt

**DEVONIAN - SWD INJECTION ZONE**  
Open Hole 14,500' - 14,653'

4-1/8" Open hole

TD @ 14,653'







# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joann Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

Oil Conservation Division

ADMINISTRATIVE ORDER SWD-1077

## APPLICATION OF DEVON ENERGY PRODUCTION COMPANY, LP FOR PRODUCED WATER DISPOSAL, LEA COUNTY, NEW MEXICO

### ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 701(B), DEVON ENERGY PRODUCTION COMPANY, LP made application to the New Mexico Oil Conservation Division for permission to utilize for produced water disposal its Caballo 9 State Well No. 1 (API No. 30-025-34577) located on the surface 1650 feet from the North line and 660 feet from the West line of Section 9, Township 23 South, Range 34 East, NMPM, Lea County, New Mexico.

#### THE DIVISION DIRECTOR FINDS THAT:

- (1) The application has been duly filed under the provisions of Rule 701(B) of the Division Rules and Regulations;
- (2) Satisfactory information has been provided that all offset operators and surface owners have been duly notified;
- (3) The applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met; and
- (4) No objections have been received within the waiting period prescribed by said rule.

#### IT IS THEREFORE ORDERED THAT:

The applicant is hereby authorized to utilize its Caballo 9 State Well No. 1 (API No. 30-025-34577) located on the surface 1650 feet from the North line and 660 feet from the West line of Section 9, Township 23 South, Range 34 East, NMPM, Lea County, New Mexico, in such manner as to permit the injection of produced water for disposal purposes into the Bell Canyon and Cherry Canyon members of the Delaware formation through perforations from 5040 feet to 7028 feet and through plastic-lined tubing set with a packer located within 100 feet of the top of

the injection interval.

**IT IS FURTHER ORDERED THAT:**

The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

As preparation for injection, the operator shall plug back the well to within 200 feet of the bottom of the permitted injection interval with a cast iron bridge plug and cement.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge or an approved leak detection device in order to determine leakage in the casing, tubing, or packer.

After installing injection tubing, the casing shall be pressure tested from the surface to the packer setting depth to assure casing integrity.

The wellhead injection pressure on the well shall be limited to **no more than 1008 psi**. In addition, the injection well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface injection pressure to the maximum allowable pressure for this well.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the injection formation. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Hobbs district office of the Division of the date and time of the installation of disposal equipment and of any mechanical integrity test so that the same may be inspected and witnessed.

The operator shall immediately notify the supervisor of the Hobbs district office of the Division of the failure of the tubing, casing, or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

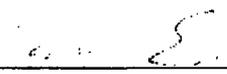
**PROVIDED FURTHER THAT,** jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh water or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the injection authority granted herein.

The operator shall provide written notice of the date of commencement of injection to the Hobbs district office of the Division.

The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Rule Nos. 706 and 1120 of the Division Rules and Regulations.

The injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

Approved at Santa Fe, New Mexico, on April 26, 2007.

  
\_\_\_\_\_  
MARK E. FESMIRE, P.E.  
Director

MEF/wvjj

cc: Oil Conservation Division – Hobbs  
State Land Office – Oil, Gas, and Minerals Division