

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. OIL CONSERVATION

811 S. FIRST ST  
ARTESIA, NM 88FORM 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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NNNM99147
2. Name of Operator DEVON ENERGY PRODUCTION CO LP Contact: SANDRA FARLEY Email: sandy.farley@devon.com		6. If Indian, Allottee or Tribe Name
3a. Address 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 575-746-5587	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 8 T25S R29E SWSE 225FSL 1868FEL		8. Well Name and No. SLIDER 8 FEDERAL 4H
		9. API Well No. 30-015-38243-00-S1
		10. Field and Pool, or Exploratory WILLOW LAKE
		11. County or Parish, and State EDDY COUNTY, NM

**12. CHECK 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"/> 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 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 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 shall 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 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.)

1. This well is producing from the Willow Lake &amp; Bone Spring

2. Water produced is approximately 150Bbls BWPD

3. There are two 500 BBL tanks on location

4. Water will be piped to the a)Chimayo 16 State 3# 10 b) Chimayo 16 State #1; both owned by Devon Energy Production Co LP. c)as a back up it will be trucked to Belco Well #1 owned by Basic Energy Services, LP a)API 30-015-29290 b) 30-015-29243 c)30-015-25141

5. a)SE/4NW/4, S16, T25S, R29E  
b)NE/4NW/4, S16, T25S, R29E**NM OIL CONSERVATION**  
ARTESIA DISTRICT

JUL 14 2014

RECEIVED

SEE ATTACHED FOR  
CONDITIONS OF APPROVALAccepted for record  
WD NNM50D 7-29-14

14. I hereby certify that the foregoing is true and correct. Electronic Submission #237156 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION CO LP, sent to the Carlsbad Committed to AFMSS for processing by ANGEL MAYES on 05/02/2014 (14AXM0004SE)	
Name (Printed/Typed) SANDRA FARLEY	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 02/27/2014
APPROVED	
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
JUL 10 2014 JAMES A. AMOS SUPERVISOR-EPS	
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.	

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

**Additional data for EC transaction #237156 that would not fit on the form**

**32. Additional remarks, continued**

c)SW/4NW/4, S20, T23S, R28E

6. a)SWD-1235 (attached)

b)SWD-1289(attached)

c)SWD-666 (attached)

7. This well, the Slider 8 Federal 4H is the battery for:

a)Slider 8 Federal 1H b)Slider 8 Federal 2H c)Slider 8 Federal 3H d)Chimayo Federal Unit 1

8. API: a) 30-015-38242 b)30-015-38281 c)30-015-38272 d)30-015-29475

# New Mexico Energy, Minerals and Natural Resources Department

**Bill Richardson**  
Governor

**Jim Noel**  
Cabinet Secretary

**Karen W. Garcia**  
Deputy Cabinet Secretary

**Mark Fesmire**  
Division Director  
Oil Conservation Division



Administrative Order SWD-1235  
August 18, 2010

## ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Division Rule 26.8B., Devon Energy Production Company, LP seeks an administrative order to utilize its Chimayo 16 State Well No. 3 (API 30-015-NA) to be located 1610 feet from the North line and 1455 feet from the West line, Unit Letter F of Section 16, Township 25 South, Range 29 East, NMPM, Eddy County, New Mexico, for produced water disposal purposes.

### THE DIVISION DIRECTOR FINDS THAT:

The application has been duly filed under the provisions of Division Rule 26.8B. Satisfactory information has been provided that affected parties as defined in Rule 26.8B.(2) have been notified and no objections have been received within the prescribed waiting period. The applicant has presented satisfactory evidence that all requirements prescribed in Rule 26.8 will be met and the operator is in compliance with Division Rule 5.9.

### IT IS THEREFORE ORDERED THAT:

The applicant, Devon Energy Production Company, LP, is hereby authorized to utilize its Chimayo 16 State Well No. 3 (API 30-015-NA) to be located 1610 feet from the North line and 1455 feet from the West line, Unit Letter F of Section 16, Township 25 South, Range 29 East, NMPM, Eddy County, New Mexico, for disposal of oil field produced water (UIC Class II only) into the Bell Canyon and Cherry Canyon members of the Delaware Mountain Group through an open hole completion from approximately 3000 feet to 4200 feet through lined tubing and a packer set within 100 feet of the disposal interval.

As preparation and prior to disposal, the operator shall squeeze cement the (offsetting well) Chimayo 16 State Well No. 1 (API No. 30-015-31781) with a cementing plan designed to raise the existing cement top from approximately 3270 feet to several hundred feet above the 3000 foot top of the permitted disposal interval. The operator shall obtain written confirmation of the satisfactory completion of this work from the Division prior to commencing disposal into the subject well.

Oil Conservation Division \* 1220 South St. Francis Drive  
\* Santa Fe, New Mexico 87505

\* Phone: (505) 476-3440 \* Fax (505) 476-3462\* <http://www.emnrd.state.nm.us>



## Revisions to Operator-Submitted EC Data for Sundry Notice #237156

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	DISPOSE SR	DISPOSE SR
Lease:	NMNM99147	NMNM99147
Agreement:		
Operator:	DEVON ENERGY PO BOX 250 ARTESIA, NM 88211 Ph: 575-746-5587	DEVON ENERGY PRODUCTION CO LP 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102 Ph: 405.235.3611
Admin Contact:	SANDRA FARLEY AUTHORIZED REPRESENTATIVE E-Mail: sandy.farley@dvn.com  Ph: 575-746-5587	SANDRA FARLEY AUTHORIZED REPRESENTATIVE E-Mail: sandy.farley@dvn.com  Ph: 575-746-5587
Tech Contact:	SANDRA FARLEY AUTHORIZED REPRESENTATIVE E-Mail: sandy.farley@dvn.com  Ph: 575-746-5587	SANDRA FARLEY AUTHORIZED REPRESENTATIVE E-Mail: sandy.farley@dvn.com  Ph: 575-746-5587
Location:		
State:	NM	NM
County:	EDDY COUNTY	EDDY
Field/Pool:	WILLOW LAKE & BONE SPRING	WILLOW LAKE
Well/Facility:	SLIDER 8 FEDERAL 4H Sec 8 T25S R29E	SLIDER 8 FEDERAL 4H Sec 8 T25S R29E SWSE 225FSL 1868FEL

## WATER PRODUCTION & DISPOSAL INFORMATION

In order to process your disposal request, the following information must be completed:

1. Name of formations producing water on the lease. Willow Lake & Box Springs
2. Amount of water produced from all formations in barrels per day. 150 Bbl/d
3. Attach a current water analysis of produced water from all zones showing at least the total dissolved solids, ph, and the concentrations of chlorides and sulfates. (One sample will suffice if water is commingled.)
4. How water is stored on lease. 2 500 Bbl tanks
5. How water is moved to the disposal facility. piped
6. Identify the Disposal Facility by:
  - A. Facility Operators name. Devon
  - B. Name of facility or well name and number. Chinazo 16 State 3
  - C. Type of facility or well (WDW) (WTW) etc. WDW
  - D. Location by  $\frac{1}{4}$   $\frac{1}{4}$   $\frac{1}{4}$   $\frac{1}{4}$  Section 16 Township 25S Range 29E
7. Attach a copy of the State issued permit for the Disposal Facility.

Submit to this office, 620 EAST GREENE ST, CARLSBAD NM, 88220, the above required information on a Sundry Notice 3160-5. Submit 1 original and 3 copies, within abatement period. (This form may be used as an attachment to the Sundry Notice.)

cause. One year after disposal into the well has ceased, the authority to dispose will terminate *ipso facto*.

Compliance with this order does not relieve the operator of the obligation to comply with other applicable federal, state or local laws or rules, or to exercise due care for the protection of fresh water, public health and safety and the environment.


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 or protectable waters or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the disposal authority granted herein.



MARK E. FESMIRE, P.E.  
Acting Director

MEF/wvj

cc: Oil Conservation Division — ~~Hobbs~~ <sup>ARTERIA</sup> <sup>WOT</sup>  
State Land Office — Oil, Gas, and Minerals Division



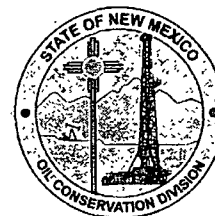
# New Mexico Energy, Minerals and Natural Resources Department

**Susana Martinez**  
Governor

**John H. Bemis**  
Cabinet Secretary-Designate

**Brett F. Woods, Ph.D.**  
Deputy Cabinet Secretary

**Jami Bailey**  
Division Director  
Oil Conservation Division



Administrative Order SWD-1289  
June 25, 2011

## ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of 19.15.26.8B NMAC, Devon Energy Production Company, L.P. seeks an administrative order to utilize its Chimayo 16 State Well No. 1 (API 30-015-31781) located 660 feet from the North line and 1980 feet from the West line, Unit Letter C of Section 16, Township 25 South, Range 29 East, NMPM, Eddy County, New Mexico, for produced water disposal purposes.

### THE DIVISION DIRECTOR FINDS THAT:

The application has been duly filed under the provisions of 19.15.26.8B NMAC and satisfactory information has been provided that affected parties as defined in said rule have been notified and no objections have been received within the prescribed waiting period. The applicant has presented satisfactory evidence that all requirements prescribed in 19.15.26.8 NMAC have been met and the operator is in compliance with 19.15.5.9 NMAC.

### IT IS THEREFORE ORDERED THAT:

The applicant, Devon Energy Production Company, L.P., is hereby authorized to utilize its Chimayo 16 State Well No. 1 (API 30-015-31781) located 660 feet from the North line and 1980 feet from the West line, Unit Letter C of Section 16, Township 25 South, Range 29 East, NMPM, Eddy County, New Mexico, for disposal of oil field produced water (UIC Class II only) into the Bell Canyon and Cherry Canyon members of the Delaware Mountain Group through perforations from 3024 feet to 4472 feet through lined tubing and a packer set within 100 feet of the permitted disposal interval.

### IT IS FURTHER ORDERED THAT:

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



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

The well shall pass an initial mechanical integrity test ("MIT") prior to initially commencing disposal and prior to resuming disposal each time the disposal packer is unseated. All MIT testing procedures and schedules shall follow the requirements in Division Rule 19.15.26.11A. NMAC.

The wellhead injection pressure on the well shall be limited to **no more than 604 psi**. In addition, the disposal well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface tubing pressure to the maximum allowable pressure for this well.

The Director of the Division may authorize an increase in tubing pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the disposed fluid from the target formation. Such proper showing shall be demonstrated by sufficient evidence including but not limited to an acceptable Step-Rate-Test.

The operator shall notify the supervisor of the Division's district office of the date and time of the installation of disposal equipment and of any MIT test so that the same may be inspected and witnessed. The operator shall provide written notice of the date of commencement of disposal to the Division's district office. The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Division Rules 19.15.26.13 and 19.15.7.24 NMAC.

Without limitation on the duties of the operator as provided in Division Rules 19.15.29 and 19.15.30 NMAC, or otherwise, the operator shall immediately notify the Division's district office of any failure of the tubing, casing or packer in the well, or of any leakage or release of water, oil or gas from around any produced or plugged and abandoned well in the area, and shall take such measures as may be timely and necessary to correct such failure or leakage.

The injection authority granted under this order is not transferable except upon division approval. The division may require the operator to demonstrate mechanical integrity of any injection well that will be transferred prior to approving transfer of authority to inject.

The division may revoke this injection permit after notice and hearing if the operator is in violation of 19.15.5.9 NMAC.

The disposal authority granted herein shall terminate two years after the effective date of this order if the operator has not commenced injection operations into the subject well. One year after the last date of reported disposal into this well, the Division shall consider the well abandoned, and the authority to dispose will terminate *ipso facto*. The Division, upon written



request mailed by the operator prior to the termination date, may grant an extension thereof for good cause.

Compliance with this order does not relieve the operator of the obligation to comply with other applicable federal, state or local laws or rules, or to exercise due care for the protection of fresh water, public health and safety and the environment.

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 or protectable waters or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the disposal authority granted herein.



JAMI BAILEY  
Director

JB/wvjj

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



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

ADMINISTRATIVE ORDER SWD-666

**APPLICATION OF RAY WESTALL FOR SALT WATER DISPOSAL,  
EDDY COUNTY, NEW MEXICO.**

**ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION**

Under the provisions of Rule 701(B), Ray Westall made application to the New Mexico Oil Conservation Division on May 15, 1997, for permission to complete for salt water disposal its Belco Well No.1 located 2200 feet from the North line and 660 feet from the West line (Unit E) of Section 20, Township 23 South, Range 28 East, NMPM, Eddy 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 herein, is hereby authorized to complete its Belco Well No.1 located 2200 feet from the North line and 660 feet from the West line (Unit E) of Section 20, Township 23 South, Range 28 East, NMPM, Eddy County, New Mexico, in such manner as to permit the injection of salt water for disposal purposes into the Delaware formation at approximately 5,726 feet to 5,809 feet through 2 7/8-inch plastic-lined tubing set in a packer located at approximately 5,675 feet.

**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.

Prior to commencing injection operations into the well, the casing shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

The injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to no more than 1145 psi.

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 Delaware 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 Artesia district office of the Division of the date and time of the installation of disposal equipment and of the mechanical integrity test so that the same may be inspected and witnessed.

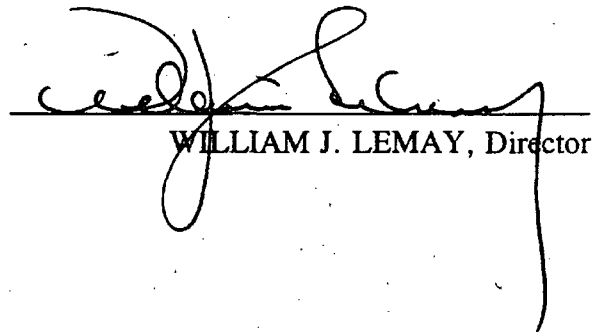
The operator shall immediately notify the supervisor of the Artesia district office of the Division of the failure of the tubing, casing, or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

**PROVIDED FURTHER THAT,** jurisdiction of this cause is hereby retained by the Division for the entry of such further order or orders as may be deemed necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of the operator to conduct operations in a manner which will ensure the protection of fresh water or in a manner inconsistent with the requirements set forth in this order, the Division may, after notice and hearing, terminate the injection authority granted herein.

The operator shall submit monthly reports of the disposal operations 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 this 7th day of July, 1997.

  
WILLIAM J. LEMAY, Director

WJL/BES

cc: Oil Conservation Division - Artesia

**Laboratory Services, Inc.**

4016 Fiesta Drive  
Hobbs, New Mexico 88240  
Telephone: (505) 397-3713

**Water Analysis****COMPANY** Devon**SAMPLE** Chino 16-1**SAMPLED BY** Pro Well**DATE TAKEN****REMARKS**

Barium as Ba 0

Carbonate alkalinity PPM 0

Bicarbonate alkalinity PPM 188

pH at Lab 5.98

Specific Gravity @ 60°F 1.052

Magnesium as Mg 8,062

Total Hardness as CaCO<sub>3</sub> 13,900

Chlorides as Cl 53,303

Sulfate as SO<sub>4</sub> 350

Iron as Fe 22

Potassium 219

Hydrogen Sulfide 0

Rw 0.13 @ 22° C

Total Dissolved Solids 68,000

Calcium as Ca 5,838

Nitrate 0

Results reported as Parts per Million unless stated**Langelier Saturation Index** -0.02

Analysis by: Vickie Biggs

Date: 10/22/01

**BUREAU OF LAND MANAGEMENT**

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

**Disposal of Produced Water From Federal Wells  
Conditions of Approval**

Approval of the produced water disposal methodology is subject to the following conditions of approval:

1. This agency shall be notified of any change in your method or location of disposal.
2. Compliance with all provisions of Onshore Order No. 7.
3. This agency shall be notified of any spill or discharge as required by NTL-3A.
4. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
5. Any on-lease open top storage tanks shall be covered with a protective cover to prevent entry by birds and other wildlife.
6. This approval should not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.
7. If water is transported via a pipeline that extends beyond the lease boundary, then you need to submit within 30 days an application for right-of-way approval to the Realty Section in this office if you have not already done so.
8. Disposal at any other site will require prior approval.
9. Subject to like approval by NMOCD.

7/10/14