

OCD Artesia

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.  
NMMN0404441

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
TODD 14K FED 1

2. Name of Operator  
DEVON ENERGY  
Contact: JEANETTE BARRON  
E-Mail: jeanette.barron@dvn.com

9. API Well No.  
30-015-20298-00-S3

3a. Address  
ARTESIA, 88211

3b. Phone No. (include area code)  
Ph: 575-748-1813

10. Field and Pool, or Exploratory  
INGLE WELLS-DELAWARE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 14 T23S R31E NESW 1980FSL 1980FWL

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 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 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 recomplate 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 recomplate 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.)

- Notice of Written Order Number 14JH126W
1. This well is producing from the Delaware formation
  2. Water produced is approximately 250 bbls
  3. There is 3-500 bbls
  4. Water is being pipelined to a) Todd 26 #2 b) Todd 26#3
  5. a) S26T23SR31E SWD 493 b) S26T23SR31E SWD 120

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

JUL 16 2014

Accepted for record  
NMOC D-109  
7-16-14

RECEIVED  
SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

**Electronic Submission #242005 verified by the BLM Well Information System  
For DEVON ENERGY, sent to the Carlsbad  
Committed to AFSS for processing by CATHY QUEEN on 05/27/2014 (14CQ0037SE)**

Name (Printed/Typed) JEANETTE BARRON	Title FIELD TECH ADMIN
Signature (Electronic Submission)	Date 04/11/2014

**APPROVED**

JUL 11 2014

JAMES A. AMOS  
SUPERVISOR-EPS

**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.

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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5. Lease Serial No.  
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6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.  
TODD 14K 1

9. API Well No.  
3001520298

10. Field and Pool, or Exploratory  
DELAWARE

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
DEVON ENERGY  
Contact: JEANETTE BARRON  
E-Mail: JEANETTE.BARRON@DVN.COM

3a. Address  
PO BOX 250  
ARTESIA, NM 88211  
3b. Phone No. (include area code)  
Ph: 575-748-1813

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

**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
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- Notice of Written Order Number 14JH126W
1. This well is producing from the Delaware formation
  2. Water produced is approximately 250 bbls
  3. There is 3-500 bbls
  4. Water is being pipelined to a) Todd 26 #2 b) Todd 26#3
  5. a) S26T23SR31E SWD 493 b) S26T23SR31E SWD 120

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #242013 verified by the BLM Well Information System For DEVON ENERGY sent to the Carlsbad**

Name (Printed/Typed) JEANETTE BARRON Title FIED ADMIN TECH

Signature (Electronic Submission) Date 04/11/2014

**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 \_\_\_\_\_

**APPROVED**  
JUL 11 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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

Todd 14K #7

**WATER PRODUCTION & DISPOSAL INFORMATION**

\*In order to process your disposal request, the following information must be completed in full\*

1. Name(s) of formation(s) producing water on the lease:  
Delaware
2. Amount of water produced from all formations in barrels per day:  
250 bbls
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:  
3-500 bbl tanks
5. How water is moved to the disposal facility:  
Water transfer pump
6. Identify the Disposal Facility by:
  - A. Facility Operators Name: Devon Energy
  - B. Facility or well name/number: Todd 66 - #3 & #3 SWL  
#493 #190
  - C. Type of Facility or well (WDW)(WIW): WDW
  - D. Location by <sup>G</sup>¼ ¼ SWNE Section 26 Township 23 S Range 31 E
7. Attach a copy of the State issued permit for the Disposal Facility.  
**(Info on the NMOCD Website or on the Artesia LDrive)**

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 5 copies, within abatement period. (This form may be used as an attachment to the Sundry Notice.)



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

*AMENDED ADMINISTRATIVE ORDER SWD-493*

*APPLICATION OF DEVON ENERGY CORPORATION FOR SALT WATER DISPOSAL,  
EDDY COUNTY, NEW MEXICO.*

**ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION**

Under the provisions of Rule 701(B), Devon Energy Corporation made application to the New Mexico Oil Conservation Division on October 19, 1992, for permission to complete for salt water disposal its Todd "26" Federal Well No. 2 located 1980 feet from the North line and 1650 feet from the East line (Unit G) of Section 26, Township 23 South, Range 31 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, Devon Energy Corporation is hereby authorized to complete its Todd "26" Federal Well No. 2 located 1980 feet from the North line and 1650 feet from the East line (Unit G) of Section 26, Township 23 South, Range 31 East, NMPM, Eddy County, New Mexico, in such manner as to permit the injection of salt water for disposal purposes into the Bell Canyon formation at approximately 4460 feet to 5134 through 2 7/8-inch plastic-lined tubing set in a packer located at approximately 4360 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 892 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 Bell Canyon 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.

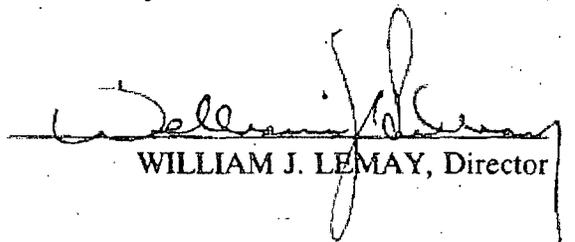
The operator shall submit monthly reports of the disposal operations in accordance with Rule Nos. 706 and 1120 of the Division Rules and Regulations.

*Amended Administrative Order SWD-493*  
*Devon Energy Corporation*  
*December 5, 1992*  
*Page 3*

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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 December, 1992.

  
WILLIAM J. LEMAY, Director

xc: Oil Conservation Division - Artesia  
US Bureau of Land Management - Carlsbad

SUBJECT: SALT WATER DISPOSAL WELL

ORDER NO. SWD-120

THE APPLICATION OF TEXAS AMERICAN  
OIL COMPANY FOR A SALT WATER  
DISPOSAL WELL.

ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 701 (C) Texas American Oil Company, made application to the New Mexico Oil Conservation Commission on May 25, 1971, for permission to complete for salt water disposal its Todd "26" Federal Well No. 3 located in Unit F of Section 26, Township 23 South, Range 31 East, NMPM, Eddy County, New Mexico.

The Secretary-Director finds:

1. That application has been duly filed under the provisions of Rule 701 (C) of the Commission Rules and Regulations
2. That satisfactory information has been provided that all offset operators, surface owners, and the New Mexico State Engineer Office have been duly notified; and
3. That the applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 (C) will be met.
4. That no objections have been received within the waiting period prescribed by said rule.

IT IS THEREFORE ORDERED:

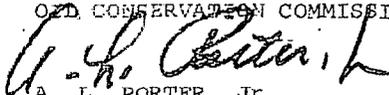
That the applicant herein, Texas American Oil Company, is hereby authorized to complete its Todd "26" Federal Well No. 3 located in Unit F of Section 26, Township 23 South, Range 31 East, NMPM, Eddy County, New Mexico, in such a manner as to permit the injection of salt water for disposal purposes into the Delaware formation at approximately 4390 feet to approximately 6048 feet through 2-3/8 inch tubing with a packer set at approximately 4350 feet.

IT IS FURTHER ORDERED:

That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of applicant to comply with any requirement of this order after notice and hearing the Commission may terminate the authority hereby granted in the interest of conservation. That applicant shall submit monthly reports of the disposal operation in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

APPROVED at Santa Fe, New Mexico, on this 17th day of June, 1971.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

  
A. L. PORTER, Jr.  
Secretary-Director

SEAL

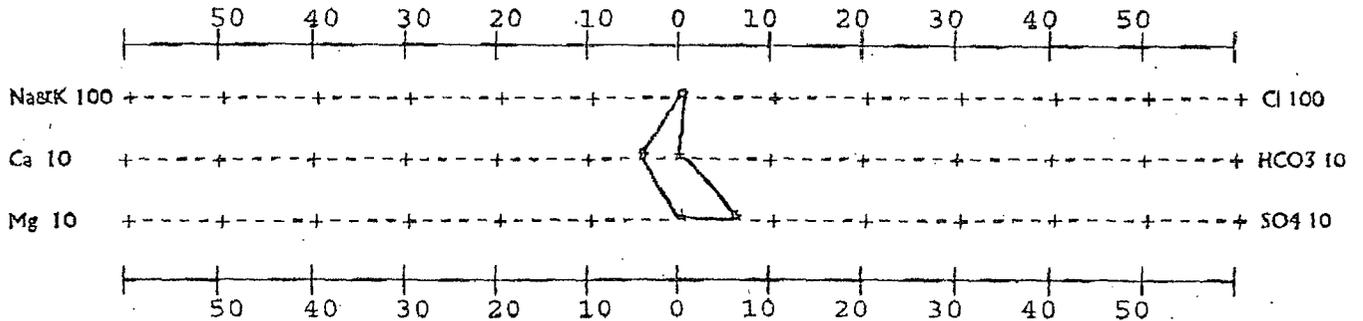
FW01W024

**BJ SERVICES COMPANY**  
**WATER ANALYSIS #FW01W024**  
**ARTESIA LAB**

GENERAL INFORMATION			
OPERATOR:	DEVON ENERGY	DEPTH:	650
WELL:	WATER WELL	DATE SAMPLED:	06/28/97
FIELD:		DATE RECEIVED:	06/28/97
SUBMITTED BY:	DAN TALLEY	COUNTY:	EDDY STATE: NM
WORKED BY:	CRAIG BAILEY	FORMATION:	WATER SAND
PHONE NUMBER:			

SAMPLE DESCRIPTION			
PHYSICAL AND CHEMICAL DETERMINATIONS			
SPECIFIC GRAVITY:	1.003	@ 74°F	PH: 7.98
RESISTIVITY (CALCULATED):	0.825	ohms @ 75°F	
IRON (FE++) :	1	ppm	SULFATE:
CALCIUM:	774	ppm	TOTAL HARDNESS
MAGNESIUM:	48	ppm	BICARBONATE:
CHLORIDE:	399	ppm	SODIUM CHLORIDE (Calc)
SODIUM+POTASS:	759	ppm	TOT. DISSOLVED SOLIDS:
IODINE:			POTASSIUM CHLORIDE:
REMARKS			

STIFF TYPE PLOT (IN MEQ/L)



Todd 2le #2

ANALYST

*Craig Bailey*  
 CRAIG BAILEY

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