

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OCD-ARTESIAFORM 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.
NMLC069513A

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.
NMNM71016M

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
POKER LAKE UNIT CVX JV PB 1H2. Name of Operator
BOPCO LPContact: TRACIE J CHERRY
E-Mail: tjcherry@basspet.com9. API Well No.
30-015-37030-00-S13a. Address
P O BOX 2760
MIDLAND, TX 797023b. Phone No. (include area code)
Ph: 432-683-227710. Field and Pool, or Exploratory
Multiple--See Attached

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

Sec 1 T26S R30E SWSE 400FSL 1980FEL
32.065773 N Lat, 103.832655 W Lon11. 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 recomple 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.)

BOPCO, LP respectfully submits this sundry notice for water disposal plan for the PLU Phantom Banks Federal 1 Battery. The battery is located on the wellsite for the Poker Lake Unit CVX JV PB 001H well.

Wells at this battery:

Poker Lake Unit CVX JV PB #001H (30-015-37030) ✓

Poker Lake CVX JV PB #002H (30-015-39932) ✓

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

This is a corrected filing. Sundry EC345273 submitted 07/21/2016 had incorrect attachments

NM OIL CONSERVATION
ARTESIA DISTRICT
NOV 14 2016

14. I hereby certify that the foregoing is true and correct. Electronic Submission #345460 verified by the BLM Well Information System For BOPCO LP, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 07/22/2016 (16PP1799SE)		RECEIVED	
Name (Printed/Typed)	TRACIE J. CHERRY	Title	REGULATORY ANALYST
Signature	(Electronic Submission)	Date	07/22/2016
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	AUG 10 2016 ST for
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.		JAMES A. AMPLIS SUPERVISOR-EPS	

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

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. _____
Bone Spring Sand (from this battery)
2. Amount of water produced from all formations in barrels per day. _____
200-400 from this battery
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. Fiberglass tanks
5. How water is moved to the disposal facility. Polyethylene pipe
6. Identify the Disposal Facility by:
 - A. Facility Operators name. BOPCO, L.P.
 - B. Name of facility or well name and number. See attached
 - C. Type of facility or well (WDW) (WIW) etc. Disposal
 - D. Location by ¼ ¼ _____ Section _____ Township _____ Range _____
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.)

Water from the PLU Phantom Banks 1 Federal Battery constructed on the well site for Poker Lake Unit CVX JV PB 001H is stored in fiberglass tanks on the location. Water is then transferred to the Poker Lake SWD system via pipeline. The Poker Lake Unit SWD system is a pressurized system. Water is routed to five (5) SWD wells on the Poker Lake Unit based on the pressure in the line at that time.

Disposal well permits are attached along with a map of the Poker Lake Unit SWD system.

Wells at this tank battery:

Poker Lake Unit CVX JV PB 001H 930-015-37030)

Poker Lake CVX JV PB 002H (30-015-39932)

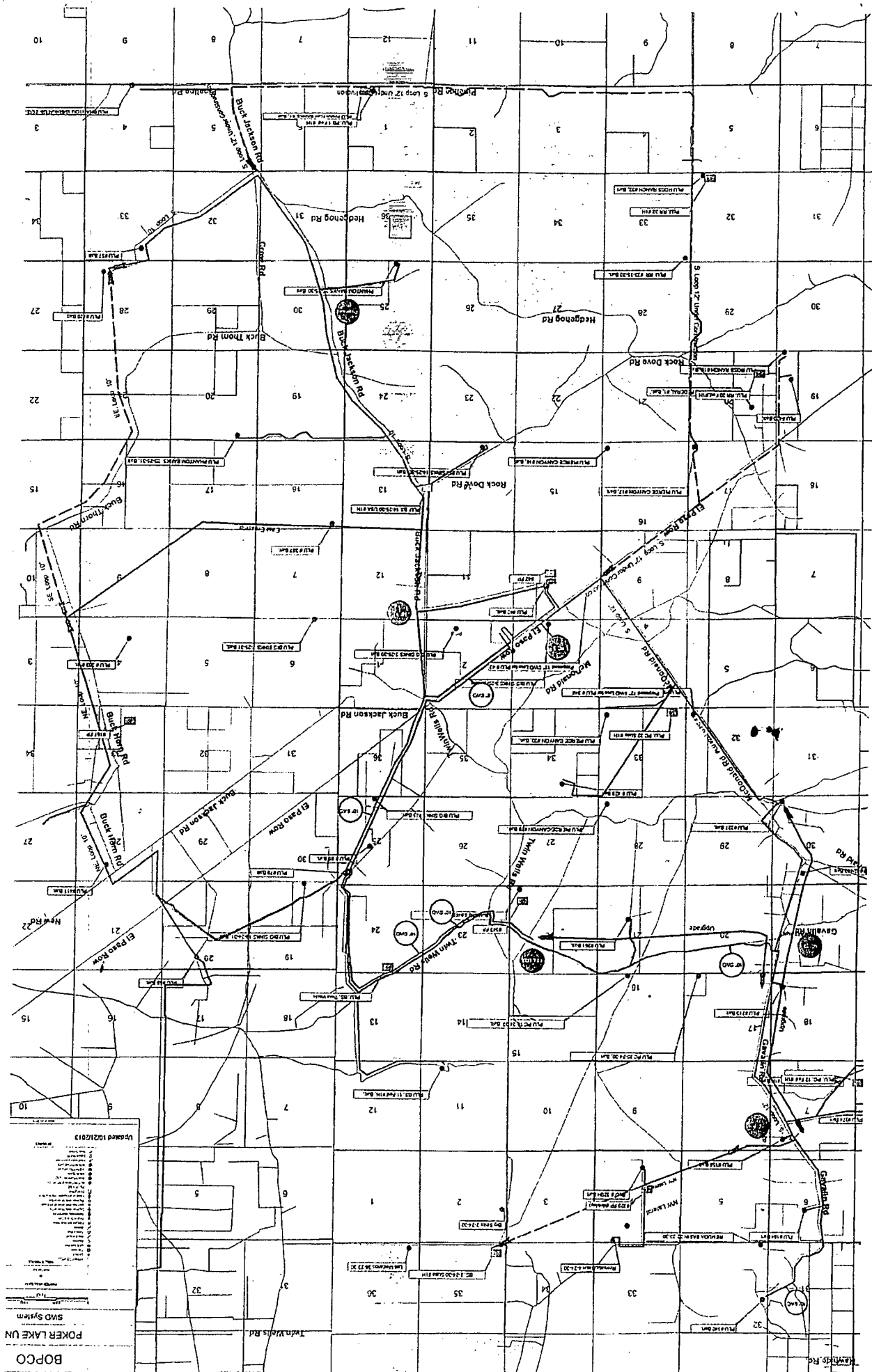
BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

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



Updated 10/21/2013

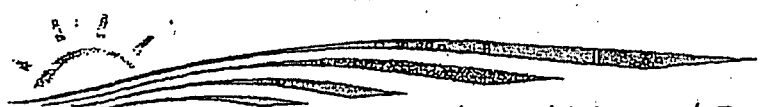
Legend

- Section Number
- Section Boundary
- Section Area
- Section Shape
- Section Color
- Section Text
- Section Image
- Section Audio
- Section Video
- Section Animation
- Section Interactive
- Section Print
- Section Export
- Section Import
- Section Delete
- Section Copy
- Section Paste
- Section Undo
- Section Redo
- Section Zoom In
- Section Zoom Out
- Section Pan
- Section Rotate
- Section Scale
- Section Measure
- Section Calculate
- Section Find
- Section Replace
- Section Insert
- Section Remove
- Section Add
- Section Subtract
- Section Multiply
- Section Divide
- Section Power
- Section Root
- Section Log
- Section Exp
- Section Sin
- Section Cos
- Section Tan
- Section Sec
- Section Csc
- Section Cot
- Section Arc
- Section Sinh
- Section Cosh
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- Section Asinh
- Section Acosh
- Section Atanh
- Section Asin
- Section Acos
- Section Atan
- Section Secant
- Section Cosecant
- Section Cotangent
- Section Arcsec
- Section Arccsc
- Section Arccot
- Section Sinh
- Section Cosh
- Section Tanh
- Section Asinh
- Section Acosh
- Section Atanh
- Section Asin
- Section Acos
- Section Atan
- Section Secant
- Section Cosecant
- Section Cotangent
- Section Arcsec
- Section Arccsc
- Section Arccot

SWD System

POKER LAKE UN

BOPCO



New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

Bill Brancard
Acting Cabinet Secretary

J. Daniel Sanchez
Acting Division Director
Oil Conservation Division



Administrative Order SWD-1259
January 5, 2011

ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Division Rule 26.8B., BOPCO, LP seeks an administrative order to re-enter and utilize its J.F. Harrison Federal Well No. 1 (API 30-015-04749) located 660 feet from the North line and 660 feet from the West line, Unit Letter D of Section 12, Township 25 South, Range 30 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, BOPCO, LP, is hereby authorized to re-enter and utilize its J.F. Harrison Federal Well No. 1 (API 30-015-04749) located 660 feet from the North line and 660 feet from the West line, Unit Letter D of Section 12, Township 25 South, Range 30 East, NMPM, Eddy County, New Mexico, for disposal of oil field produced water (UIC Class II only) into the Devonian formation through perforations from 16626 feet to 17205 feet through lined tubing and a packer set within 100 feet of the 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

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>



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 wellhead injection pressure on the well shall be limited to no more than 3325 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 mechanical integrity 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 26.13 and 7.24.

Without limitation on the duties of the operator as provided in Division Rules 30 and 29, 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.

In accordance with Division Rule No 26.12.C., the disposal 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, mailed by the operator prior to the termination date, may grant an extension thereof for good 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

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

John Bemis
Cabinet Secretary

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

JamI Bailey
Division Director
Oil Conservation Division



Administrative Order SWD-1409
March 22, 2013

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of 19.15.26.8B NMAC, BOPCO, L.P. seeks an administrative order to utilize its Nash Draw 8 Federal No. 1 (API 30-015-NA) to be located 2075 feet from the South line and 630 feet from the West line, Unit letter L of Section 8, Township 24 South, Range 30 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, BOPCO, L.P., is hereby authorized to utilize its Nash Draw 8 Federal No. 1 (API 30-015-NA) to be located 2075 feet from the South line and 630 feet from the West line, Unit letter L of Section 8, Township 24 South, Range 30 East, NMPM, Eddy County, New Mexico, for disposal of oil field produced water (UIC Class II only) into the Devonian formation through an open hole interval from 15750 feet to 17225 feet through internally coated tubing and a packer set within 100 feet of the permitted 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.

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.



J. DANIEL SANCHEZ
Acting Director

JDS/wvjj

cc: Oil Conservation Division – Artesia
Bureau of Land Management – Carlsbad

All MIT testing procedures and schedules shall follow the requirements in Division Rule 19.15.26.11A. NMAC. The Division Director retains the right to require at any time wireline verification of completion and packer setting depths in this well.

The wellhead injection pressure on the well shall be limited to no more than 3150 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

Administrative Order SWD-1409

BOPCO, L. P.

March 22, 2013

Page 3 of 3

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/prg

cc: Oil Conservation Division – Artesia District Office
Bureau of Land Management – Carlsbad Field Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

John Bemis
Cabinet Secretary

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

Jami Bailey
Division Director
Oil Conservation Division



Administrative Order SWD-1300-A
July 5, 2012

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of 19.15.26.8B NMAC, BOPCO, L.P. seeks an administrative order to utilize its ND 19 Federal SWD Well No. 1 (API 30-015-39713) located 516 feet from the North line and 705 feet from the East line, Unit letter A of Section 19, Township 24 South, Range 30 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, BOPCO, L.P., is hereby authorized to utilize its ND 19 Federal SWD Well No. 1 (API 30-015-39713) located 516 feet from the North line and 705 feet from the East line, Unit letter A of Section 19, Township 24 South, Range 30 East, NMPM, Eddy County, New Mexico, for disposal of oil field produced water (UIC Class II only) into the Devonian formation through an open hole interval from 15611 feet to 16770 feet through internally coated tubing and a packer set less than 100 feet above 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.

Administrative Order SWD-1300-A

BOPCO, L.P.

July 5, 2012

Page 3 of 3

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
Bureau of Land Management – Carlsbad Field Office

BOPCO, L.P.
6 DESTA DRIVE, SUITE 3700 (79705)
P. O. BOX 2760
MIDLAND, TEXAS 79702

(432) 683-2277

FAX (432) 887-0329

June 19, 2012

New Mexico Oil Conservation Division
Attn: Will Jones
1220 S Francis
Santa Fe NM 87505

Re: Administrative Order SWD-1300
September 2, 2011
ND 19 Federal SWD No. 1
30-015-39713
Sec. 19, T24S, R30E
Eddy County, NM

BOPCO, L.P. respectfully requests that the New Mexico Oil Conservation Division administratively amend the disposal permit. This well was drilled and completed as a saltwater disposal well in the Devonian formation. Form C-108 was filed with estimated depths. BOPCO applied for an open hole disposal interval of 15,572-16,275'. The completed total depth of the well is 16,770' with an open hole injection interval of 15,611-16,770'; a difference of 495' from the permitted interval. The well is currently operating with an injection pressure of 1,200 psi.

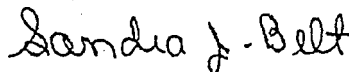
Due to the scarcity of wells penetrating deeper than a few hundred feet below the top of the Devonian in southeastern Eddy County, the stratigraphic interval penetrated by the BOPCO ND 19 Federal SWD No. 1 is uncertain. The section drilled by the ND 19 Federal SWD No. 1 below the Woodford consists of an upper dolomite interval (15,603'-15,874') which did not have the obvious porosity characteristics expected to be encountered in the Devonian while drilling. A tight limestone interval was below this, and a second porous dolomite was penetrated at a depth of 16,234'. The well was TD'd when a second tight limestone was encountered at a depth of 16,720'. This limestone appears to be the top of the Montoya formation. It is uncertain at this time whether Fusselman is present in the section. Based on this, the base of the Devonian is presumed to be at, and is certainly no deeper than, a depth of 16,720'.

The ND 19 Federal SWD No. 1 was mud logged while drilling, and open hole wireline logs were run at TD. No evidence of hydrocarbons was encountered in this section either in samples, via gas monitoring equipment, or on logs, even though the well was drilled with a mud weight of 8.3-8.5 lbs/gal.; calculated reservoir pressure at 7,000 psi.

Seismic analysis of the Devonian section shows no indication of structural closure in the area of the ND 19 Federal SWD No. 1, with regional dip climbing to the west. Closure would be required for hydrocarbon entrapment in this section.

I believe BOPCO, L.P. has addressed all concerns. Please contact Mr. Carlos Cruz, Division Production Superintendent at (432) 683-2277 or by e-mail at ccruz@basspet.com.

Sincerely,



Sandra J. Belt
Sr. Regulatory Clerk

Due to the scarcity of wells penetrating deeper than a few hundred feet below the top of the Devonian in southeastern Eddy County, the stratigraphic interval penetrated by the BOPCO ND 19 Federal No. 1 is uncertain. The section drilled by the ND 19 No. 1 below the Woodford consists of an upper dolomite interval (15,603'-15,874') which did not have the obvious porosity characteristics expected to be encountered in the Devonian while drilling. A tight limestone interval was below this, and a second porous dolomite was penetrated at a depth of 16,234'. The well was TD'd when a second tight limestone was encountered at a depth of 16,720'. This limestone appears to be the top of the Montoya formation. It is uncertain at this time whether Fusselman is present in the section; based on this, the base of the Devonian is presumed to be at, and is certainly no deeper than, a depth of 16,720'.

The ND 19 No. 1 was mudlogged while drilling, and open hole wireline logs were run at TD. No evidence of hydrocarbons was encountered in this section either in samples, via gas monitoring equipment, or on logs, even though the well was drilled with a mud weight of 8.3-8.5 lbs/gal.

Seismic analysis of the Devonian section shows no indication of structural closure in the area of the ND 19 No. 1, with regional dip climbing to the west. Closure would be required for hydrocarbon entrapment in this section.

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

John Bemis
Cabinet Secretary

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

Jami Bailey
Division Director
Oil Conservation Division



Administrative Order SWD-1370
December 2, 2012

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of 19.15.26.8B NMAC, BOPCO, L.P. seeks an administrative order to utilize its proposed PLU Pierce Canyon 3 Federal SWD Well No. 1 (API 30-015-NA) to be located 814 feet from the South line and 1630 feet from the East line, Unit letter O of Section 3, Township 25 South, Range 30 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, BOPCO, L.P., is hereby authorized to utilize its proposed PLU Pierce Canyon 3 Federal SWD Well No. 1 (API 30-015-NA) to be located 814 feet from the South line and 1630 feet from the East line, Unit letter O of Section 3, Township 25 South, Range 30 East, NMPM, Eddy County, New Mexico, for disposal of oil field produced water (UIC Class II only) into the Devonian and Montoya formations through an open hole interval from approximately 16471 feet to 18275 feet through internally coated tubing and a packer set within 100 feet of the permitted interval.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the disposed water enters only the approved 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 Division Director retains the right to require at any time wireline verification of completion and packer setting depths in this well.

The wellhead injection pressure on the well shall be limited to no more than 3294 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.

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

John Bemis
Cabinet Secretary

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

Jami Bailey
Division Director
Oil Conservation Division



Administrative Order SWD-1388
January 22, 2013

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of 19.15.26.8B NMAC, BOPCO, L.P. seeks an administrative order to utilize its proposed PLU Delaware B 23 Federal SWD Well No. 1 (API 30-015-40935) to be located 1115 feet from the North line and 2180 feet from the West line, Unit letter C of Section 23, Township 24 South, Range 30 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, BOPCO, L.P., is hereby authorized to utilize its proposed PLU Delaware B 23 Federal SWD Well No. 1 (API 30-015-40935) to be located 1115 feet from the North line and 2180 feet from the West line, Unit letter C of Section 23, Township 24 South, Range 30 East, NMPM, Eddy County, New Mexico, for disposal of oil field produced water (UIC Class II only) into the Devonian, Silurian, and Montoya formations through an open hole interval from approximately 16300 feet to 17785 feet through internally coated tubing and a packer set within 100 feet of the permitted interval.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the disposed water enters only the approved 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.

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 District Office
Bureau of Land Management – Carlsbad Field Office

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 Division Director retains the right to require at any time wireline verification of completion and packer setting depths in this well.

The wellhead injection pressure on the well shall be limited to **no more than 3260 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.

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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.

Administrative Order SWD-1388

BOPCO, L.P.

January 22, 2013

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JAMIE BAILEY

Director

JB/wvjj

cc: Oil Conservation Division – Artesia District Office
Bureau of Land Management – Carlsbad Field Office