

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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.*5. Lease Serial No.
NMNM02946

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

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
GOLDEN 8 FED 22. Name of Operator
BOPCO LPContact: TRACIE J CHERRY
E-Mail: tracie_cherry@xtoenergy.com9. API Well No.
30-015-27036-00-S13a. Address
6401 HOLIDAY HILL RD BLDG 5 SUITE 200
MIDLAND, TX 797073b. Phone No. (include area code)
Ph: 432.683.227710. Field and Pool or Exploratory Area
GOLDEN LANE

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

Sec 8 T21S R29E SESW

11. County or Parish, State

EDDY 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.

BOPCO, LP respectfully submits this sundry for the water disposal plan at the referenced battery.

3-29-18
Accepted for record - NMOC

Wells associated at the Golden 8 Federal tank battery:

Golden Lane 17 Federal #001 / 30-015-35079-00-S1 ✓

Golden Lane 17 Federal #002Y / 30-015-35712-00-S1 ✓

Golden 8 Federal #002* / 30-015-27036-00-S1 ✓

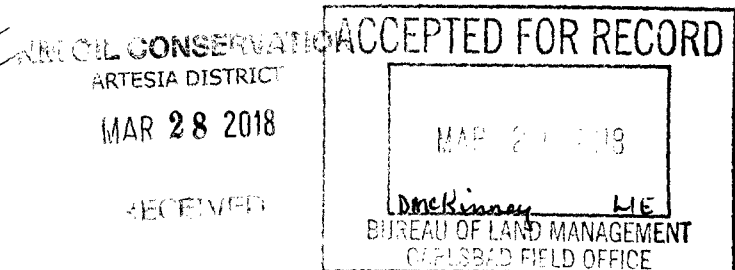
Golden 8 Federal #004 / 30-015-27215-00-S1 ✓

Golden D Federal #002 / 30-015-27060-00-S1 ✓

Golden D Federal #003 / 30-015-27683-00-S1 ✓

Golden D Federal #004 / 30-015-35636-00-S1 ✓

Water disposal approval request attached.



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

Electronic Submission #396277 verified by the BLM Well Information System

For BOPCO LP, sent to the Carlsbad

Committed to AFMSS for processing by PRISCILLA PEREZ on 12/05/2017 (18PP0389SE)

Name (Printed/Typed) TRACIE J CHERRY

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 11/28/2017

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)

** 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. Golden Lane, Delaware, South
2. Amount of water produced from all formations in barrels per day. 300-400
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 Golden 8 Federal Tank Battery constructed on the well site for Golden 8 Federal #002 is stored in fiberglass tanks on the location. Water is then transferred to the one of two disposal wells via pipeline. This is a pressurized system. Water is routed to either Golden D Federal #001 or Golden 8 Federal #3 based on the pressure in the line at that time.

Disposal well permits are attached.

Wells at this tank battery:

Golden Lane 17 Federal #001 / 30-05-35079

Golden Lane 17 Federal #002Y / 30-015-35712

Golden 8 Federal #002 / 30-015-27036

Golden 8 Federal #004 / 30-015-27215

Golden D Federal #002 / 30-015-27060

Golden D Federal #003 / 30-015-27683

Golden D Federal #004 / 30-015-35636



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

ADMINISTRATIVE ORDER NO. PMX-208

***APPLICATION OF BASS ENTERPRISES PRODUCTION COMPANY TO EXPAND
ITS PRESSURE MAINTENANCE PROJECT IN THE SOUTH GOLDEN LANE-
DELAWARE POOL IN EDDY COUNTY, NEW MEXICO.***

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION**

Under the provisions of Division Order No. R-10215, Bass Enterprises Production Company has made application to the Division on October 2, 2000 for permission to expand its South Golden Lane Pressure Maintenance Project in the South Golden Lane-Delaware Pool in Eddy County, New Mexico.

THE DIVISION DIRECTOR FINDS THAT:

- (1) The application has been filed in due form.
- (2) Satisfactory information has been provided that all offset operators have been duly notified of the application.
- (3) No objection has been received within the waiting period as prescribed by Rule 701(B).
- (4) The proposed injection well is eligible for conversion to injection under the terms of Rule 701.
- (5) The proposed expansion of the above referenced pressure maintenance project will not cause waste nor impair correlative rights.
- (6) The application should be approved.

IT IS THEREFORE ORDERED THAT:

The applicant, Bass Enterprises Production Company, be and the same is hereby authorized to inject water into the Delaware formation at approximately 4208 feet to approximately 4224 feet through 2 3/8-inch plastic or fiberglass lined tubing set in a packer located approximately 100 feet above the uppermost injection perforations in the following

described well for purposes of pressure maintenance to wit:

Golden D Federal Well No. 1
(API No. 30-015-27294)
495 FNL & 1980 FWL, Unit 'C', Section 17
Injection Interval 4208 feet to 4224 feet
Maximum Injection Pressure - 842 psig
Township 21 South, Range 29 East, NMPM, Eddy County, New Mexico.

IT IS FURTHER ORDERED THAT:

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

Prior to commencing injection operations, 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 .2 psi per foot of depth to the uppermost injection perforation.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator that such higher pressure will not result in migration of the injected fluid from the Delaware formation.

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.

The subject well shall be governed by all provisions of Division Order No. R-10215, as amended, and Rules 702-706 of the Division Rules and Regulations not inconsistent herewith.

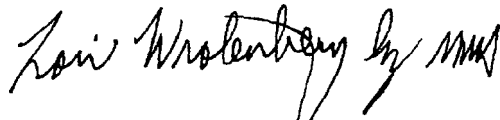
PROVIDED FURTHER THAT, jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or

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

DONE at Santa Fe, New Mexico, on this 19th day of October, 2000.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



LORI WROTENBERG
DIRECTOR

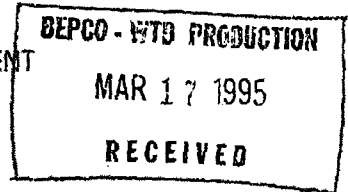
S E A L

LW/MWA/kv

cc: Oil Conservation Division – Artesia
U.S. Bureau of Land Management - Carlsbad



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131



March 10, 1995

John R. Smitherman
Bass Enterprises Production Company
P.O. Box 2760
Midland, Texas 79702

Attn: Mr. John R. Smitherman

RE: Injection Pressure Increase Golden "8" Federal Well No.3, Eddy County, New Mexico

Dear Mr. Smitherman:

Reference is made to your request dated February 27, 1995 to increase the surface injection pressure on the above referenced well. This request is based on a step rate test conducted on January 5, 1995. The results of the test have been reviewed by my staff and we feel an increase in injection pressure on this well is justified at this time.

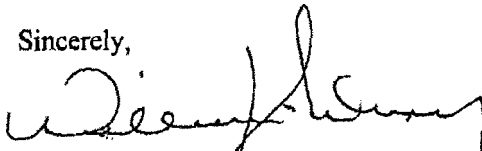
You are therefore authorized to increase the surface injection pressure on the following well:

Well and Location	Maximum Injection Surface Pressure
Golden "8" Federal Well No.3 Unit L Section 8, Township 21 South, Range 29 East	960 PSIG
This well located in Eddy County, New Mexico.	

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected water is not being confined to the injection zone or is endangering any fresh water aquifers.

*Injection Pressure Increase
Bass Enterprises Production Company
March 10, 1995
Page 2*

Sincerely,



William J. LeMay
Director

WJL/BES

cc: Oil Conservation Division - Artesia
Files: Case No.11078 PSI-X 1st QTR 95

END

GOLDEN 8 #3

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 11078
ORDER NO. R-10215

APPLICATION OF BASS ENTERPRISES PRODUCTION COMPANY FOR A PRESSURE
MAINTENANCE PROJECT, EDDY COUNTY, NEW MEXICO

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on September 1, 1994 at Santa Fe, New Mexico, before Examiner Jim Morrow.

NOW, on this 12th day of October, 1994, the Division Director, having considered the testimony, the record and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) The applicant, Bass Enterprises Company (Bass), seeks authority to institute a pressure maintenance project on its Golden "8" Federal Lease in Section 8, Township 21 South, Range 29 East, NMPM, Eddy County, New Mexico, by the injection of water into the South Golden Lane-Delaware Pool through the perforated interval from approximately 4248 feet to 4310 feet in its Golden "8" Federal Well No. 3, located 1980 feet from the South line and 990 feet from the West line (Unit L) of said Section 8.

(3) Bass operates eight producing wells in the pool, the Golden "8" Federal Well Nos. 1, 2, 3 and 4; the Golden "B" Federal Well No. 1; and the Golden "D" Federal Well Nos. 1, 2 and 3. The wells are located on federal leases in the NW/4, SW/4, and SE/4 of Section 8 and the NW/4 of Section 17. Both sections are in Township 21 South, Range 29 East, NMPM, Eddy County, New Mexico. At Bass' request, the Bureau of Land Management approved this area as a Pressure Maintenance Project Area.

STAMP

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Order No. R-10215
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(4) The pool was discovered in March 1992 and has produced approximately 140,000 barrels of oil and 104 MCF gas. Current daily production (As of July 1, 1994) is approximately 400 barrels of oil, 290 MCF gas and 340 barrels of water. The area has not reached the advanced or "stripper" state of depletion.

(5) Bass proposes to convert the Golden "8" Federal Well No. 3 to injection. It has almost watered out and is currently producing about three barrels of oil per day with a 96% water cut. Injection would be into the Cherry Canyon interval of the Delaware formation.

(6) Produced water from the South Golden Lane-Delaware Pool would be injected into the proposed injection well. The average injection rate would be 500 BWPD at an average injection pressure of 800 psi. Maximum injection rate and pressure would be 1000 BWPD and 850 psi. The maximum injection pressure requested is 0.2 psi per foot. Injection would be through 2 3/8-inch plastic-coated tubing set in a packer at 4175 feet. Diagrams of the proposed injection well and other data presented by Bass indicates that all fresh water and hydrocarbon producing intervals would be protected and that injection would be confined to the Cherry Canyon formation.

(7) The Bass witness presented the results of reservoir computer simulation studies which show that the project is expected to recover an additional 76,000 barrels of oil.

(8) Bass requested a project oil allowable of 640 barrels per day. This is equal to the top pool allowable of 80 barrels of oil per day times the number of wells in the pool. There are eight wells in the pool including the well proposed for conversion to injection. Bass also requested approval to produce the project allowable from any combination of producing wells within the project area. All the wells in the project are operated by Bass and all are on federal leases. Bass did not present data at the hearing to show that ownership is identical in all the wells. Bass should be required to submit information showing identical well ownership before obtaining authorization to produce the wells on a project basis.

(9) Data was submitted for each well within 1/2-mile of the proposed injection well. There are eight wells within the area of review. Production casing in each of the wells is cemented across the Cherry Canyon injection interval to prevent the migration of injection fluids out of the interval.

(10) The project should be approved and should be designated the South Golden Lane Pressure Maintenance Project.

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IT IS THEREFORE ORDERED THAT:

(1) The applicant, Bass Enterprises Production Company, is hereby authorized to institute a pressure maintenance project on its Golden "8" Federal lease in Section 8, Township 21 South, Range 29 East, NMPM, Eddy County, New Mexico by the injection of water into the South Golden Lane-Delaware Pool through the perforated interval from approximately 4248 feet to 4310 feet in its Golden "8" Federal Well No. 3, located 1980 feet from the South line and 990 feet from the West line (Unit L) of said Section 8.

(2) The project area shall consist of three federal leases which include the following acreage; NW/4, SW/4, and SE/4 of Section 8 and NW/4 of Section 17, Township 21 South, Range 29 East, NMPM, Eddy County, New Mexico.

(3) The project shall be designated the South Golden Lane Pressure Maintenance Project.

(4) The applicant is authorized to submit data to the Santa Fe office of the Division which shows that ownership in all project wells is identical. Upon receipt of such information, the Division Director shall have the authority to administratively assign a project allowable of 640 barrels of oil per day and authorize the production of the project allowable from any well or combination of wells within the project area.

LAND
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(5) 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 into other formations or onto the surface.

(6) Injection into the proposed injection well shall be accomplished through 2 3/8-inch plastic-lined tubing installed in a packer set approximately within 100 feet of the uppermost injection perforation; the casing-tubing annulus shall be filled with an inert fluid; and a pressure gauge or approved leak-detection device shall be attached to the annulus in order to determine leaks in the casing, tubing or packer.

MGW

(7) The injection well or pressurization system shall be equipped to limit the surface injection pressure to no more than 850 psi.

MGW
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(8) The Director of the Division shall be authorized to administratively approve an increase in the injection pressure upon a proper showing by the operator that such high pressure will not result in migration of the injected waters from the South Golden Lana-Delaware Pool.

(9) Prior to commencing injection operations, the casing of the subject well shall be pressure-tested throughout the interval, from the surface down to the proposed packer-setting depth, to assure integrity of such casing. MGW

(10) The applicant shall give advance notification to the supervisor of the Division's Artesia District Office of the Division of the date and time of the installation of injection equipment and of the mechanical integrity pressure-test in order that the same may be witnessed.

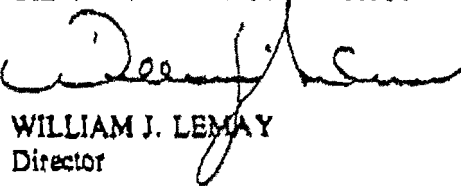
(11) The operator shall immediately notify the supervisor of the Artesia District Office of any failure of the tubing, casing or packer, in said well or the leakage of water from or around said well and shall take such steps as may be timely and necessary to correct such failure or leakage. MGW

(12) The applicant shall conduct injection operations in accordance with Division Rule Nos. 701 and 708 and shall submit monthly progress reports in accordance with Division Rule Nos. 706 and 1115. DGP

(13) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY
Director

SEAL

END

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.

4/4/2017