Form 3160-5
(August 2007)

HOBBS OCD
NOV 28 2016
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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 HOBBS

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.

5. Lease Serial No.
NMLC030132B

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
CLOSSON B FEDERAL 39

2. Name of Operator
BREITBURN OPERATING LP
Contact: JEANIE MCMILLAN
E-Mail: jeanie.mcmillan@breitburn.com

9. API Well No.
30-025-35208-00-S1

3a. Address
1401 MCKINNEY ST SUITE 1400
HOUSTON, TX 77010

3b. Phone No. (include area code)
Ph: 713-634-4696
Fx: 713-634-4697

10. Field and Pool, or Exploratory
JALMAT-TAN-YATES-7RVRS

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 30 T22S R36E SWNE 2310FNL 2310FEL

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

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☒ 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 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.)

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Conditions of Approval Operator Change required that we submit some additional information for each lease. Breitburn Operating LP respectfully submits the following regarding these conditions of approval.

Attached hereto is a facility Diagram as per Onshore Order #3
Attached is a water analysis along with Water Production and Disposal information.

Accepted for Record Purposes.
Approval Subject to Onsite Inspection.
Date: 11.17.16
Stuce

APPROVED
NOV 17 2016
Stuce for
JAMES A. AMOS
SUPERVISOR-EPS

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

Electronic Submission #344136 verified by the BLM Well Information System
For BREITBURN OPERATING LP, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 09/08/2016 (16PP1064SE)

Name *(Printed/Typed)* JEANIE MCMILLAN — Title REGULATORY MANAGER

Signature (Electronic Submission) — Date 07/08/2016

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

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 ****

MGB/OCD 11/28/2016

WATER PRODUCTION & DISPOSAL INFORMATION

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

1. Name(s) of formation(s) producing water on the lease.
   _JALMAT YATES, SEVEN RIVERS_____

2. Amount of water produced from all formations in barrels per day.
   ____50 BWPD_____

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.
   __IN 500 BBL FG STORAGE TANK_____

5. How water is moved to the disposal facility.

   WATER IS PUMPED VIA HP LINE THROUGH HP INJECTION LINE TO CLOSSON B FED #18 WIW_

6. Identify the Disposal Facility by:
   A. Facility Operators name. _BREITBURN OPERATING_____

   B. Name of facility or well name and number. _CLOSSON B FEDERAL #018 WIW_____

   C. Type of facility or well (WDW) (WIW) etc. _____WIW_____

   D. Location by ¼ ¼ _SW NW____ Section __19___ Township __22S__Range___36E__

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 PRODUCTION & DISPOSAL INFORMATION

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

1. Name(s) of formation(s) producing water on the lease.
   _JALMAT YATES, SEVEN RIVERS_____

2. Amount of water produced from all formations in barrels per day.
   ____25 BWPD_____

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.
   __IN 300 BBL FG STORAGE TANK_____

5. How water is moved to the disposal facility.

   WATER IS TRANSFERRED VIA 3" POLY FLOW LINE TO CLOSSON B FED BATTER 1 FOR DISPOSAL _

6. Identify the Disposal Facility by:
   A. Facility Operators name. _BREITBURN OPERATING_____

   B. Name of facility or well name and number. _CLOSSON B FEDERAL #018 WIW_____

   C. Type of facility or well (WDW) (WIW) etc. _____WIW_____

   D. Location by ¼ ¼ _NE SW____ Section __30___ Township __22S__Range___36E__

7. Attach a copy of the State issued permit for the Disposal Facility.

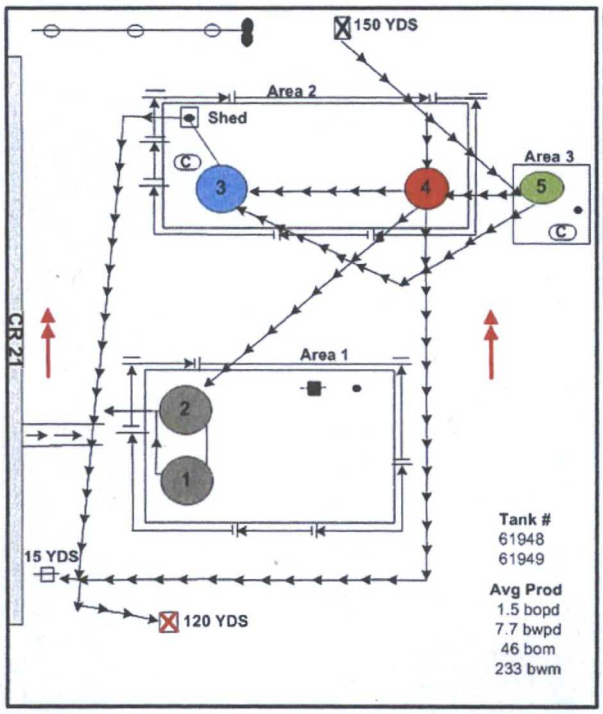
Submit to this office, **620 EAST GREENE ST, CARLSBAD NM, 88220**, the above required information on a Sundry Notice 3160-5. Submit 1 original and 3 copies, within abatement period. (This form may be used as an attachment to the Sundry Notice).

Closson B1 Battery

Field Artesia **Current Status** Active **Elevation:** 3502'

State: New Mexico **Lease** Closson B1 **Location:** 22S 36E Sec.19

County Lea **Diagram Revised:** Jimika Reed-Terry (09-07-10) **Coordinates:** N32.37727 W103.31196



Tank Information

1 2 Oil

Diameter = 12 ft
Height = 15 ft
Capacity=302 bbls
Total Diked Area= Capacity 305 bbls
Direction of Flow= N
Foundation = Earth
Type = Welded
Material = Steel
Top=Closed
Transportation = TR
Type of Failure = Rupture, Leak, Overflow
Secondary Containment = Earth & Gravel
Min. Recommend Berm Height = 16 in.
Lowest point of berm at time of inspection = 15 in.

Tank Information

3 Salt Water

Diameter = 15.5 ft
Height = 16 ft
Capacity=538 bbls
Total Diked Area= Capacity 580 bbls
Direction of Flow= N
Foundation = Earth
Type = Molded
Material = Fiber Glass
Top=Closed
Transportation = INJ
Type of Failure = Rupture, Leak, Overflow
Secondary Containment = Earth & Gravel
Min. Recommend Berm Height = 24 in.
Lowest point of berm at time of inspection = 15 in.

Heater Treater Information

4 Heater Treater

Diameter = 6 ft
Height = 20 ft
Capacity=101 bbls
Foundation = Cement
Total Diked Area= Capacity 580 bbls
Direction of Flow= N
Type = Welded
Material = Steel
Top=Closed
Transportation =
Type of Failure = Rupture, Leak
Berm Construction = Earth & Gravel
Min. Recommend Berm Height = 24 in.
Lowest point of berm at time of inspection = 15 in.

Seperator Information

5 Separator

Diameter = 2.5 ft
Height = 10 ft
Capacity=9 bbls
Foundation = Cement
Total Diked Area= Capacity 51 bbls
Direction of Flow= N
Type = Welded
Material = Steel
Top=Closed
Transportation =
Type of Failure = Rupture, Leak
Berm Construction = Earth & Gravel
Min. Recommend Berm Height = 24 in.
Lowest point of berm at time of inspection = 14 in.

History

Remarks

Legend

- Fence
- Electric Line
- Drainage
- Well Head
- Pump
- Flow Line
- Electric Box
- Flow Meter
- Electric Pole
- Electric Panel
- Transformer
- Header
- Underground Load Line
- Load Line
- Chemical Tank
- Circulating Pump
- Sump Pump
- Injection Well Head
- Dike Drain

Wells Connected to Closson B1 Battery

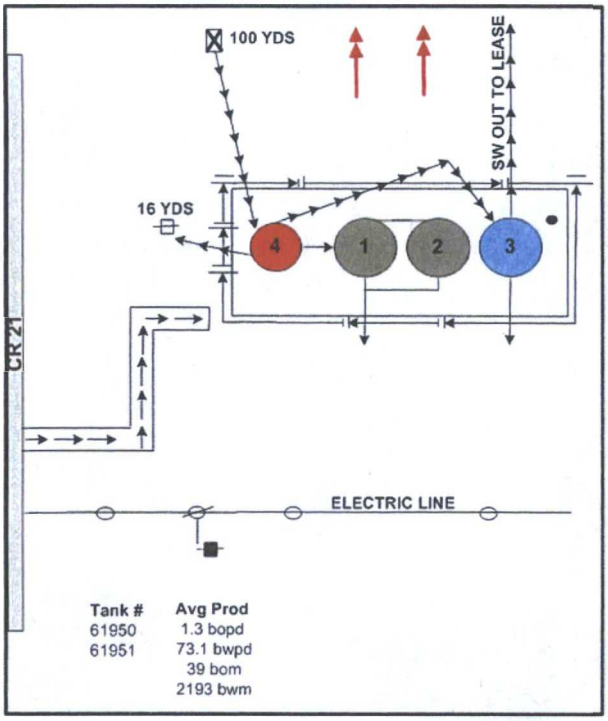
#8, #14, #15, #16, #17, #40

Closson B2 Battery

Field Artesia **Current Status** Active **Elevation:** 3550'

State: New Mexico **Lease** Closson B2 **Location:** 22S 36E Sec.30

County Lea **Diagram Revised:** Jimika Reed-Terry (09-07-10) **Coordinates:** N32.35903 W103.30865



Tank Information

1 2 Oil

Diameter = 10 ft
Height = 15 ft
Capacity=210 bbls
Total Diked Area= Capacity 365 bbls
Direction of Flow= N
Foundation = Gravel
Type = Welded
Material = Steel
Top=Closed
Transportation = TR
Type of Failure = Rupture, Leak, Overflow
Secondary Containment = Earth & Gravel
Min. Recommend Berm Height = 13 in.
Lowest point of berm at time of inspection = 12 in.

Tank Information

3 Salt Water

Diameter = 10 ft
Height = 15 ft
Capacity=210 bbls
Total Diked Area= Capacity 365 bbls
Direction of Flow= N
Foundation = Gravel
Type = Molded
Material = Fiber Glass
Top=Closed
Transportation = INJ
Type of Failure = Rupture, Leak, Overflow
Secondary Containment = Earth & Gravel
Min. Recommend Berm Height = 13 in.
Lowest point of berm at time of inspection = 12 in.

Heater Treater Information

4 Heater Treater

Diameter = 4 ft
Height = 20 ft
Capacity=45 bbls
Foundation = Cement
Total Diked Area= Capacity 365 bbls
Direction of Flow= N
Type = Welded
Material = Steel
Top=Closed
Transportation =
Type of Failure = Rupture, Leak
Berm Construction = Earth & Gravel
Min. Recommend Berm Height = 13 in.
Lowest point of berm at time of inspection = 12 in.

History

Legend

- Fence
- Electric Line
- Drainage
- Well Head
- Pump
- Flow Line
- Electric Box
- Flow Meter
- Electric Pole
- Electric Panel
- Transformer
- Header
- Underground Load Line
- Load Line
- Chemical Tank
- Circulating Pump
- Sump Pump
- Injection Well Head
- Dike Drain

Wells Connected to Closson Battery #2

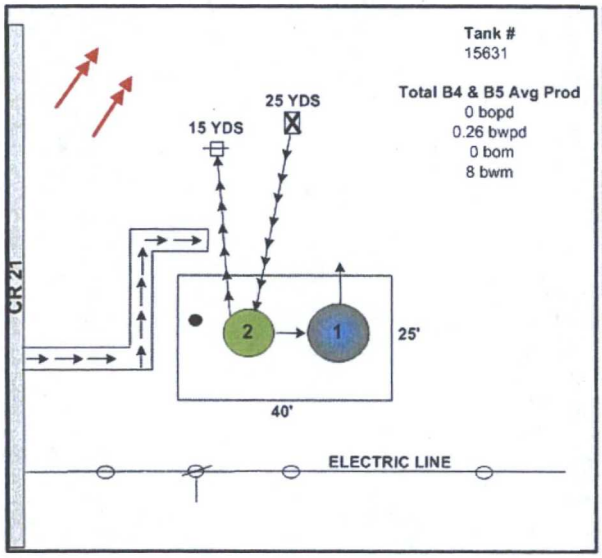
#10, #12, #13, #22, #23, #24, #25, #39

Closson B4 Battery

Field Artesia **Current Status** Active **Elevation:** 3550'

State: New Mexico **Lease** Closson B4 **Location:** 22S 36E Sec.19

County Lea **Diagram Revised:** Jimika Reed-Terry (09-07-10) **Coordinates:** N32.37169 W103.30225



Tank Information

1 Oil/Water

Diameter = 10 ft
Height = 6 ft
Capacity=84 bbls
Total Diked Area= Capacity 86 bbls
Direction of Flow= NE
Foundation = Gravel
Type = Molded
Material = Fiber Glass
Top=Closed
Transportation = INJ
Type of Failure = Rupture, Leak,
Secondary Containment = Earth & Gravel
Min. Recommend Berm Height = 15 in.
Lowest point of berm at time of inspection = 0 in.

Seperator Information

2 Seperator

Diameter = 4 ft
Height = 12 ft
Capacity= 27 bbls
Foundation = Cement
Total Diked Area= Capacity 86 bbls
Direction of Flow= NE
Type = Welded
Material = Steel
Top=Closed
Transportation =
Type of Failure = Rupture, Leak
Berm Construction = Earth & Gravel
Min. Recommend Berm Height = 15 in.
Lowest point of berm at time of inspection = 0 in.

History

Wells Connected to Closson Battery #4 & #5

#3, #9, #26, #30, #32Y, #36, #37

Legend

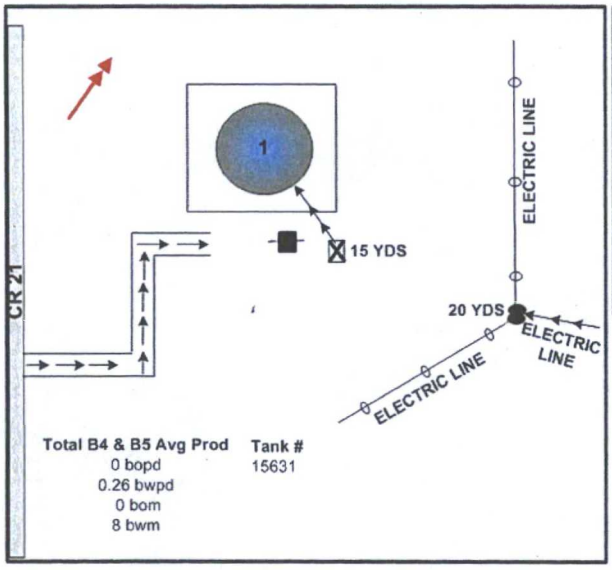
- Fence
- Electric Line
- Drainage
- Well Head
- Pump
- Flow Line
- Electric Box
- Flow Meter
- Electric Pole
- Electric Panel
- Transformer
- Header
- Underground Load Line
- Load Line
- Chemical Tank
- Circulating Pump
- Sump Pump
- Injection Well Head
- Dike Drain

Closson B5 Battery

Field Artesia **Current Status** Active **Elevation:** 3554'

State: New Mexico **Lease** Closson B5 **Location:** 22S 36E Sec.19

County Lea **Diagram Revised:** Jimika Reed-Terry (09-07-10) **Coordinates:** N32.37557 W103.30194



Tank Information

1 Oil/Water

Diameter = 15.5 ft
Height = 16 ft
Capacity=538 bbls
Total Diked Area= Capacity 540 bbls
Direction of Flow= NE
Foundation = Earth
Type = Welded
Material = Steel
Top=Closed
Transportation = INJ
Type of Failure = Rupture, Leak,
Secondary Containment = Earth

Min. Recommend Berm Height = 24 in.
Lowest point of berm at time of inspection = 0 in.

Wells Connected to Closson Battery #4 & #5

#3, #9, #26, #30, #32Y, #36, #37

History

Legend

- Fence
- Electric Line
- Drainage
- Well Head
- Pump
- Flow Line
- Electric Box
- Flow Meter
- Electric Pole
- Electric Panel
- Transformer
- Header
- Underground Load Line
- Load Line
- Chemical Tank
- Circulating Pump
- Sump Pump
- Injection Well Head
- Dike Drain

Catalyst Oilfield Services
11999 E Hwy 158
Gardendale, TX 79758
(432) 563-0727
Fax: (432) 224-1038

Water Analysis Report

Company:	Breitburn Operating	Sample #:	29038
Area:	Permian Basin	Analysis ID #:	34158
Lease:	Closson B		
Location:	B2 Battery 0		
Sample Point:	Wellhead		

		Anions	mg/l	meq/l	Cations	mg/l	meq/l
Sampling Date:	7/9/2015	**Chloride:**	**23971.9**	**676.16**	**Sodium:**	**10350.0**	**450.2**
Analysis Date:	7/14/2015	**Bicarbonate:**	**2169.2**	**35.55**	**Magnesium:**	**3101.0**	**255.1**
Analyst:	Catalyst	**Carbonate:**			**Calcium:**	**440.4**	**21.98**
TDS (mg/l or g/m3):	41738	**Sulfate:**	**740.0**	**15.41**	**Strontium:**	**16.3**	**0.37**
Density (g/cm3):	1.03				**Barium:**	**0.0**	**0.**
					Potassium:	**302.3**	**7.73**
Hydrogen Sulfide:	504.9				**Iron:**	**0.0**	**0.**
Carbon Dioxide:	0				**Manganese:**	**0.000**	**0.**
Comments:		pH at time of sampling:		7.496			
		pH at time of analysis:					
		pH used in Calculation:		**7.496**			
		Temperature @ lab conditions (F):		**75**	**Conductivity (micro-ohms/cm):**		**66300**
					Resistivity (ohm meter):		**.1508**

Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl

Temp	Calcite $CaCO_3$		Gypsum $CaSO_4*2H_2O$		Anhydrite $CaSO_4$		Celestite $SrSO_4$		Barite $BaSO_4$	
°F	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount
80	1.18	172.52	-1.18	0.00	-1.23	0.00	-0.81	0.00	0.00	0.00
100	1.25	193.04	-1.20	0.00	-1.19	0.00	-0.81	0.00	0.00	0.00
120	1.31	214.23	-1.22	0.00	-1.12	0.00	-0.79	0.00	0.00	0.00
140	1.38	235.41	-1.22	0.00	-1.04	0.00	-0.77	0.00	0.00	0.00
160	1.45	256.60	-1.22	0.00	-0.94	0.00	-0.74	0.00	0.00	0.00
180	1.53	277.11	-1.22	0.00	-0.82	0.00	-0.70	0.00	0.00	0.00
200	1.61	295.95	-1.21	0.00	-0.69	0.00	-0.66	0.00	0.00	0.00
220	1.70	312.76	-1.20	0.00	-0.55	0.00	-0.62	0.00	0.00	0.00

Catalyst Oilfield Services
11999 E Hwy 158
Gardendale, TX 79758
(432) 563-0727
Fax: (432) 224-1038

Water Analysis Report

Company:	Breitburn Operating	Sample #:	29037
Area:	Permian Basin	Analysis ID #:	34157
Lease:	Closson B		
Location:	B1 Battery 0		
Sample Point:	Wellhead		

		Anions	mg/l	meq/l	Cations	mg/l	meq/l
Sampling Date:	7/9/2015	**Chloride:**	**35081.4**	**989.52**	**Sodium:**	**13700.0**	**595.92**
Analysis Date:	7/14/2015	**Bicarbonate:**	**1085.8**	**17.79**	**Magnesium:**	**5213.0**	**428.84**
Analyst:	Catalyst	**Carbonate:**			**Calcium:**	**1234.0**	**61.58**
TDS (mg/l or g/m3):	61257.7	**Sulfate:**	**3800.0**	**79.12**	**Strontium:**	**32.8**	**0.75**
Density (g/cm3):	1.042				**Barium:**	**0.0**	**0.**
					Potassium:	**353.3**	**9.04**
Hydrogen Sulfide:	139.4				**Iron:**	**0.0**	**0.**
Carbon Dioxide:	27				**Manganese:**	**0.000**	**0.**
Comments:		pH at time of sampling:		6.66			
		pH at time of analysis:					
		pH used in Calculation:		**6.66**			
		Temperature @ lab conditions (F):		**75**	**Conductivity (micro-ohms/cm):**		**88100**
					Resistivity (ohm meter):		**.1135**

	Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl									
Temp	Calcite $CaCO_3$		Gypsum $CaSO_4*2H_2O$		Anhydrite $CaSO_4$		Celestite $SrSO_4$		Barite $BaSO_4$	
°F	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount
80	0.42	64.66	-0.18	0.00	-0.23	0.00	0.01	0.66	0.00	0.00
100	0.54	85.11	-0.21	0.00	-0.19	0.00	0.02	0.66	0.00	0.00
120	0.67	105.90	-0.22	0.00	-0.12	0.00	0.03	1.32	0.00	0.00
140	0.81	127.01	-0.23	0.00	-0.03	0.00	0.05	2.31	0.00	0.00
160	0.94	147.80	-0.22	0.00	0.07	133.28	0.08	3.63	0.00	0.00
180	1.08	167.92	-0.22	0.00	0.19	330.89	0.11	5.28	0.00	0.00
200	1.22	186.72	-0.21	0.00	0.32	515.31	0.15	6.60	0.00	0.00
220	1.35	204.21	-0.19	0.00	0.46	680.26	0.18	7.92	0.00	0.00

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