

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

HOBBS OCD
NOV 28 2016

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.

RECEIVED

OCD-HOBBS

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

| | |
|--|---|
| 1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | 8. Well Name and No. CLOSSON B 22 |
| 2. Name of Operator BREITBURN OPERATING LP Contact: JEANIE MCMILLAN E-Mail: jeanie.mcmillan@breitburn.com | 9. API Well No. 30-025-26041-00-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 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 30 T22S R36E NWSE 1980FSL 1980FEL | 10. Field and Pool, or Exploratory JALMAT-TAN-YATES-7RVRS |
| | 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 |
|---|--|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Deepen |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Alter Casing |
| | <input type="checkbox"/> Fracture Treat |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Change Plans |
| | <input type="checkbox"/> Plug and Abandon |
| | <input type="checkbox"/> Convert to Injection |
| | <input type="checkbox"/> Plug Back |
| | <input type="checkbox"/> Production (Start/Resume) |
| | <input type="checkbox"/> Reclamation |
| | <input type="checkbox"/> Recomplete |
| | <input type="checkbox"/> Temporarily Abandon |
| | <input checked="" type="checkbox"/> Water Disposal |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Well Integrity |
| | <input type="checkbox"/> Other |

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.)

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: 11.17.17
Stuch

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

14. I hereby certify that the foregoing is true and correct.
**Electronic Submission #344132 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 (16PP1062SE)**

| | |
|--------------------------------------|--------------------------|
| 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 ****

MRS/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.
_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).



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

| | | | | | | | |
|----------------------------|-----------|--|---------|--------|--------------------------------------|---------|-------|
| Sampling Date: | 7/9/2015 | Anions | mg/l | meq/l | Cations | mg/l | meq/l |
| Analysis Date: | 7/14/2015 | Chloride: | 23971.9 | 676.16 | Sodium: | 10350.0 | 450.2 |
| Analyst: | Catalyst | Bicarbonate: | 2169.2 | 35.55 | Magnesium: | 3101.0 | 255.1 |
| TDS (mg/l or g/m3): | 41738 | Carbonate: | | | Calcium: | 440.4 | 21.98 |
| Density (g/cm3): | 1.03 | Sulfate: | 740.0 | 15.41 | Strontium: | 16.3 | 0.37 |
| Hydrogen Sulfide: | 504.9 | | | | Barium: | 0.0 | 0. |
| Carbon Dioxide: | 0 | | | | Potassium: | 302.3 | 7.73 |
| Comments: | | pH at time of sampling: | | 7.496 | Iron: | 0.0 | 0. |
| | | pH at time of analysis: | | | Manganese: | 0.000 | 0. |
| | | pH used in Calculation: | | 7.496 | Conductivity (micro-ohms/cm): | | 66300 |
| | | Temperature @ lab conditions (F): | | 75 | 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 ₂ O | | Anhydrite CaSO ₄ | | Celestite SrSO ₄ | | Barite BaSO ₄ | |
|------|------------------------------|--------|--|--------|--------------------------------|--------|--------------------------------|--------|-----------------------------|--------|
| | 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 |

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