

Submit 1 Copy To Appropriate District  
Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-103  
Revised July 18, 2013

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> SWD	7. Lease Name or Unit Agreement Name Berry SWD
2. Name of Operator BC Operating, Inc.	8. Well Number 1
3. Address of Operator P.O. Box 50820, Midland, Texas 79710	9. OGRID Number 160825
4. Well Location Unit Letter <u>I</u> : <u>1620</u> feet from the <u>South</u> line and <u>304</u> feet from the <u>East</u> line Section <u>35</u> Township <u>20S</u> Range <u>34E</u> NMPM <u>Lea</u> County	10. Pool name or Wildcat SWD; Cherry Canyon
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ☒ STEP RATE TEST

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐  
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BC OPERATING, INC. RESPECTFULLY REQUESTS PERMISSION TO CONDUCT A STEP RATE TEST ON THE REFERENCED WELL (PROCEDURE AND WBD ATTACHED)

PROVIDE S.R.T. RESULTS  
TO SANTA FE OCD FOR  
APPROVAL

Spud Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Sarah Presley TITLE REGULATORY ANALYST DATE 2.16.2018

Type or print name SARAH PRESLEY E-mail address: SPRESLEY@BCOPERATING.COM PHONE: 432.684.9696

For State Use Only

APPROVED BY: Accepted for Record Only DATE 2/20/2018

Conditions of Approval (if any):

MS Brown 2/20/2018

**Berry SWD #1**  
**1620' FSL 304' FEL, Section 35, T-20-S, R-34-E**  
**Lea County, New Mexico**  
**API# 30-025-41703**

2/12/2017

### **Step Rate Test**

#### **Well Data**

Tubing: 4 ½" 11.6# IPC EUE J55  
Casing: 7" 26# J-55 LTC  
TD: 7,062' PBTD: 7,018' GL: 3,782' KB: 13'

#### **Procedure**

1. Comply with all company and governmental safety regulations.
2. Prep well for injection test, shut in 48 hrs prior to test.
3. Set (8) 500 bbl frac tanks. Fill tanks with produced water.
4. Contact OCD, have a representative on location day of test.
5. Remove injection equipment. MIRU pump trucks.
6. MIRU slickline w downhole pressure bomb measurement tools.
7. Establish injection rate per schedule below. Maintain each step rate increase for a minimum of 30 minutes per step. Document pressure and rate when stable.

Stage #	Fluid Type	Clean Rate BPM	Fluid Volume GAL	Fluid Volume BBL	Stage Time Mins
1	Water	6	7560	180	30
2	Water	8	10080	240	30
3	Water	10	12600	300	30
4	Water	22	27720	660	30
5	Water	24	30240	720	30
6	Water	26	32760	780	30
Total:			120960	2880	

8. RDMO slickline. RDMO pump trucks.
9. Hook up injection equipment, return well to injection.

#### **Contacts**

Bruce Madden	Production Foreman	432-894-0721
Nick Klopp	Operations Engineer	979-422-2510
Jason Wacker	Operations Manager	432-631-2142
Doug Swift	Geo-Tech	432-684-9696

**BERRY SWD #1**

API #30-025-41703  
UNIT LETTER "I" 1539' FSL & 304' FEL  
SEC. 35, T20S, R34E  
LEA COUNTY, NEW MEXICO

**CURRENT WELLBORE**

