

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

Form C-103
 Revised July 18, 2013

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

HOBBS OCD
FEB 20 2018
RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS (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.)		WELL API NO. 30-025-41703
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> SWD		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator BC Operating, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 50820, Midland, Texas 79710		7. Lease Name or Unit Agreement Name Berry SWD
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		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number <u>160825</u>
10. Pool name or Wildcat SWD; Cherry Canyon		

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input checked="" type="checkbox"/> STEP RATE TEST		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
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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: MS Brown DATE 2/20/2018

Conditions of Approval (if any): Accepted for Record Only

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' PBSD: 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

BC OPERATING, INC.

BERRY SWD #1

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

CURRENT WELLBORE

SURFACE CASING:

13-3/8" 54.5# J-55 (0' - 1,658') w/ 1115 SX CMT (LEAD 575 SX, TAIL 540 SX)

17-1/2" HOLE

INTERMEDIATE CASING:

9-5/8" 40# L-80 & J-55 (0' - 3,603') w/ 1,490 SX CMT (Lead 670 SX, TAIL 820)

12-1/4" HOLE

PRODUCTION CASING:

7" 26# J-55 (0' - 7,062') w/ 890 SX CMT (LEAD 440 SX, TAIL 450 SX)

8-3/4" HOLE

TUBING DETAIL:

4-1/2" (0' - 5,854') 136 JTS
SUB @ 5,870'
XN NIPPLE @ 5,871'

PKR @ 5,864'

CHERRY CANYON PERFS:

5,906' - 6,960' (6 SPF, 360 HOLES)
SHOT W/ 12,000 GALS 15% HCL ACID

PBTD: 7,062'
TD: 7,018'