

District I - (575) 393-6161

District II - (575) 748-1283

District III - (505) 334-6178

District IV - (505) 476-3460

1220 S. St. Francis Dr., Santa Fe, NM 87505

87505

**NM OIL CONSERVATION**

ARTESIA DISTRICT

NOV 07 2016

RECEIVED

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-015-28938

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

OXY SPIKE

8. Well Number 1

9. OGRID Number

160825

10. Pool name or Wildcat

FRONTIER HILLS; STRAWN (GAS)

**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.)

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

2. Name of Operator BC OPERATING, INC.

3. Address of Operator P.O. BOX 50820

MIDLAND, TX 79710

4. Well Location

Unit Letter H : 1980 feet from the NORTH line and 660 feet from the EAST line

Section 33 Township 23S Range 26E NMPM EDDY County

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: ☐

**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.

10/18/2016 - SQUEEZE PROCEDURE STARTED AND FINISHED

\*\*SEE ATTACHED RESULTS AND WELLBORE DIAGRAM\*\*

Spud Date:

Rig Release 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 11.7.2016

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

**For State Use Only**

APPROVED BY: [Signature] TITLE COMPLIANCE OFFICER DATE 11/8/2016

Conditions of Approval (if any):

## Oxy Spike #1

### First squeeze results

- Set RBP @ 9,840' w/4 sx sand.
- Perforated 4 squeeze holes at 5,000'.
- Set cement retainer @ 4,920'.
- Tested annulus to 500 psi.
- Established injection rate into squeeze perforations to surface.
- Pumped the following down casing as follows:
  - Mixed and pumped 700 sacks of 65/35 Class C/Pozmix containing 6% Gel.
  - Mixed and pumped 200 sacks of 50/50 Poz Class "C" cement.
  - 1,082 ft<sup>3</sup> calculated
- Circulated 0 sacks cement to surface.
- Shut well in 24 hours
- Drillout cement and tested squeeze to 500 psi.
- Ran CBL from 7,000' to TOC.
  - Found TOC @ 3,465'
- Prep for second squeeze.

30-015-28938

## Spike #1

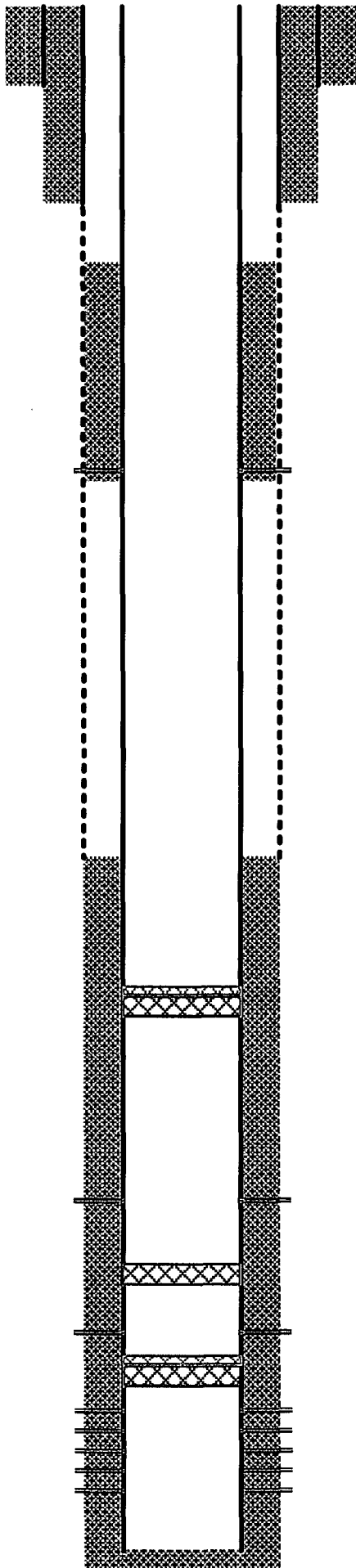
After 1<sup>st</sup> Squeeze Job

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13 3/8" 48# @ 400' Circ to surface

8 7/8" 24# & 32# @ 3,020' Circ to surface

TOC @ 3,465'

Cement Retainer @ ± 4,950'

Squeeze holes @ ± 5,000'

TOC @ 9,590' (CBL)

Bridge Plug @ ± 9,800' w/35' sand

Packer @ 10,337'

2 3/8" Tubing - EOT @ 10,400'

Strawn Perfs 10,470' to 10,480' 2013

RBP @ 10,990'

Atoka Perfs 11,100' to 11,106' 2013

CIBP @ 11,220' w/25' cmt

Morrow Perfs 11,285' to 11,299' 1996

Morrow Perfs 11,557' to 11,581' 2013

Morrow Perfs 11,628' to 11,634' 2013

Morrow Perfs 11,741' to 11,748' 1996

Morrow Perfs 11,773' to 11,776' 1996

5 1/2" 17# - 20# @ 12,026' TOC @ 9,590' (CBL)