

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

WELL API NO.	30-025-23777 ✓
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	OK OK 312479 298299
7. Lease Name or Unit Agreement Name	NORTH VAC. ABO UNIT ✓
8. Well Number	209 ✓
9. OGRID Number	298299 ✓
10. Pool name or Wildcat	NORTH VAC ABO ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4050.2 GR	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

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

2. Name of Operator
CROSS TIMBERS ENERGY, LLC ✓

3. Address of Operator
400 W. 7TH STREET, FORT WORTH, TX 76102

4. Well Location
Unit Letter J ✓ : 1980 feet from the S line and 1780 feet from the E line
Section 22 Township 17-S Range 34-E NMPM County LEA ✓

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4050.2 GR

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.

EXPEDITE: Expected RU date: 02/20/2019

During a remedial cement job on the North Vacuum Abo Unit #209 to place cement in the 5-1/2" x 8-5/8" casing annulus, a casing failure in the 8-5/8" resulted in fluid coming to surface outside the 8-5/8" surface casing. Cementing operations were halted with only a few bbls of cement remaining in the tubing. After stinging out of the cement retainer and circulating the tubing clean, the well was shut-in to allow the cement to cure. There was no flow from the 8-5/8" casing after cement pumping operations stopped. Dirt was removed from around the wellhead and surface casing revealing a split and crimp in the 8-5/8" 6-7 feet below ground level. To remediate the casing failure, the following is proposed:

Expected RU date: 02/20/2019

1. MIRU pulling unit. PU tubing and casing spear and spear into 5-1/2" casing. Pull in tension.
2. Cut and remove failed section of 8-5/8" casing. Inspect 5-1/2" casing for crimp or damage. Repair 8-5/8".
3. Hang casing back in new wellhead.
4. Resume clean-out operations on well to clean out cement, remove RBP, and return well to injection per approved C-103 dated 10/29/2018.

Spud Date:

05/25/1971

Rig Release Date:

06/21/1971

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

SIGNATURE Samanntha Avarello TITLE Regulatory Technician DATE 02/15/2019

Type or print name Samanntha Avarello E-mail address: sangeles@mspartners.com PHONE: 817-334-7747

For State Use Only

APPROVED BY: Kay Holmson TITLE Compliance Officer DATE 12-19-19
Conditions of Approval (if any):

Well Name:

North Vacuum Abo Unit #209

Location:

1980' FSL & 1780' FEL

Sec: 22

Township:

17S

Range:

34E

County:

Lea

State: NM

API:

30-025-23777

KB:

4,054'

GL:

4,042'

Spud Date:

5/25/1971

Surface Csg

Size: 8-5/8"

Wt & Thrd: 23#

Grade: K-55

Set @: 1,675'

Sx Cmt: 700

Circ: Yes

TOC: sfc

CURRENT

8-5/8" CSG FAILURE. FOUND
CRIMP AND SPLIT IN 8-5/8" ~6'
BELOW GROUND LEVEL. 5-1/2"
& 8-5/8" BOTH BENT

PERF @ 1,725'
CEMENTED UNDER RETAINER @
1,700'.
DRILLED OUT RETAINER - CMT
STILL GREEN. SD.

Production Casing

Size: 5-1/2"

Wt & Thrd: 17# & 15.5#

Grade: N-80 & J-55, STC & LTC

Set @: 8,800'

Sx Cmt: 2,900

Circ: no

TOC: 2,340' by TS

2,021' of 17# casing on bottom of
string

RBP @ 8,505' W/ 2 SX SAND ON TOP

Guiberson "AN" Permanent Packer @ 8540' w/ 2.812"
OD Anchor Type SA

Abo Perfs: (1 JSPF)

8588-91', 8654'-70', 868'6-88', 8691'-92', 8697'-98',
8708'-10', 8713'-15', 8556'-64', 8567'-70', 8586-88',
8591'-93', 8696'-8700', 8708'-10', 8713'-20'

PBTD: 8,764'

TD: 8,800'