

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

WELL API NO. 30-031-20100	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Santa Fe Railroad A	
8. Well Number 77	
9. OGRID Number	
10. Pool name or Wildcat Upper Hospah	
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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator Dominion Production Company, LLC	
3. Address of Operator 1414 W Swann Av, Suite 100, Tampa, FL 33606	
4. Well Location Unit Letter P : 330 feet from the S line and 760 feet from the E line Section 1 Township 17N Range 9W NMPM County McKinley	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6966' GR	

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

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

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.

Dominion completed the plugging of this well as per the attached. We will submit final after surface reclamation is complete.

Approved for plugging of wellbore only.  
Liability under bond is retained pending  
Receipt of C-103 (Subsequent Report of Well  
Plugging) which may be found @ OCD web  
page under forms  
[www.emnrd.state.us/oed](http://www.emnrd.state.us/oed)

NMOCD

MAY 30 2019

DISTRICT III

Spud Date:

5/16/19

Rig Release Date:

5/23/19

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

SIGNATURE

TITLE

President

DATE

5/29/19

Type or print name

David Burns

E-mail address:

burnsdavid@verizon.net

PHONE:

832 545 4600

For State Use Only

APPROVED BY:

TITLE

SUPERVISOR DISTRICT #3

DATE

6/17/19

Conditions of Approval (if any):

1-7

## **Dominion Production**

### **Plug And Abandonment End Of Well Report**

#### **Santa Fe Railroad A #77**

330' FSL & 760' FEL, Section 1, T17N, R9W

McKinley County, NM / API 30-031-20100

#### **Work Summary:**

- 5/16/19** Made NMOCD P&A operations notifications at 10:00 AM MST.
- 5/17/19** MOL and R/U P&A rig. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. L/D 61 rods and pump. Shut-in well for the day. Jonathan Kelly was NMOCD inspector on location.
- 5/18/19** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead, N/U BOP and function tested. TOOH and L/D 2-3/8" production string. P/U 51 joints of 2-3/8" work string to 1606'. Shut-in well for the day.
- 5/19/19** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U cementing services. Circulated the wellbore clean with 50 bbls of fresh water. Pumped plug #1 from 1609'-1400' to cover the Upper Hospah perforations and formation top. Once plug #1 was pumped rig could not pull tubing up out of cement. Attempted to work stuck pipe but was unsuccessful. R/U wire line services. RIH with gauge ring run and tagged cement at 1270'. RIH and free pointed tubing at 1260'. Ran CBL from top of fish at 1260' to surface. CBL results were sent to NMOCD offices for review. R/U cementing services. Extended plug #1 from fish top at 1260' to 750'. R/U wire line services. RIH and perforated squeeze holes at 710'. WOC overnight. Shut-in well for the day.
- 5/20/19** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #2 top at 727'. R/U

cementing services. Circulated the wellbore clean with 50 bbls of fresh water. Extended plug #2 from 727'-400' and squeezed approximately 12 sx into perforations at 710'. WOC 4 hours. TIH and tagged cement at 715' which was 285' short of minimum plug interval. R/U cementing services. Re-pumped plug #2 from 715'-388'. WOC 4 hours. TIH and tagged cement at 680'. TOOH and shut-in well for the day. Monica Kuehling was NMOCD inspector on location.

- 5/21/19** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U CR, TIH and tagged cement at 347'. TOOH and L/D CR. TIH with cementing sub and confirmed tag point was cement. TOOH and P/U blade bit. TIH and drilled cement from 347'-502'. Circulated the wellbore clean with 50 bbls of fresh water. Shut-in well for the day. Monica Kuehling was NMOCD inspector on location.
- 5/22/19** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U cementing services. Attempted to pressure test casing to 800 psi in which it failed to hold pressure. Pumped plug #2 from 502'-250' to cover the Mancos formation top. WOC 4 hours. TIH and tagged plug #2 top at 252'. R/U wire line services. RIH and perforated squeeze holes at 100'. R/U cementing services. Attempted to establish circulation by pumping down tubing and back around and out Bradenhead and down Bradenhead back up tubing but both attempts failed to establish circulation. Pumped surface plug from 160'-surface. WOC overnight. Shut-in well for the day. Monica Kuehling was NMOCD inspector on location.
- 5/23/19** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/D BOP and cut-off wellhead. Ran weighted tally tape down both surface and production casings and tagged cement 40' down in surface casing and 7' down in production casing. R/U cementing services. Ran 3/4" poly pipe down both casings and topped-off well with 50 sx of cement. Installed P&A marker per NMOCD/BLM standards. Photographed the P&A marker in place and recorded its location via GPS coordinates. R/D and MOL. Monica Kuehling was NMOCD inspector on location.

#### **Plug Summary:**

**Plug #1: (Upper Hospah Sand Perforations and Formation Top 1609'-1400', 25 Sacks Class G Cement)**

Mixed 25 sx Class G cement and spotted a balanced plug to cover the Upper Hospah Sand perforations and formation top.

**Plug #2: (Mancos Formation Top and Surface Casing Shoe 1260'-252', 184 Sacks Class G Cement(39 sx re-pumped twice and 31 sx once))**

Mixed 184 sx Class G cement and spotted a balanced plug to cover the Mancos formation top. Cement had to be spotted 4 different times to get Mancos formation top covered. Initially cement was pumped from 1260'-750' with 75 sx, the second spot was from 727'-400' with 39 sx, the third was 715'-388' with 39 sx and the fourth was 502-252 with 31 sx.

**Plug #3: (Surface Casing Shoe 160'-Surface, 83 Sacks Class G Cement(50 sx for top-off))**

RIH and perforated squeeze holes at 100'. R/U cementing services. Attempted to establish circulation by pumping down tubing and back around and out Bradenhead and down Bradenhead back up tubing but both attempts failed to establish circulation. Pumped surface plug from 160'-surface. WOC overnight. N/D BOP and cut-off wellhead. Ran weighted tally tape down both surface and production casings and tagged cement 40' down in surface casing and 7' down in production casing. R/U cementing services. Ran ¾" poly pipe down both casings and topped-off well with 50 sx of cement. Installed P&A marker per NMOCD/BLM standards. Photographed the P&A marker in place and recorded its location via GPS coordinates. R/D and MOL.

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## Wellbore Diagram

Santa Fe Railroad A #77

API #: 3003120100

McKinley County, New Mexico

### Plug 3

160 feet - Surface

160 feet plug

83 sacks of Class G Cement

50 sacks for top-off

### Plug 2

1260 feet - 252 feet

1008 feet plug

184 sacks of Class G Cement

39 sacks re-pumped twice

31 sacks re-pumped once

### Plug 1

1609 feet - 1400 feet

209 feet plug

25 sacks of Class G Cement

### Surface Casing

8.625" 24# @ 63 ft

### Formation

Gallup - 1540 ft

### Production Casing

5.5" 14# @ 1542 ft





