

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. 30-015-22404
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 DONALDSON COM A
8. Well Number 1
9. OGRID Number 258350
10. Pool name or Wildcat East Loving Brushy Canyon

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  
VANGUARD PERMIAN LLC

3. Address of Operator  
5847 San Felipe Suite 3000, Houston, Texas 77057

4. Well Location

Unit Letter F : 1930 feet from the North line and 2303 feet from the West line  
Section 23 Township 23S Range 28E NMPM County Eddy

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.

SEE ATTACHMENT

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 Gaye Heard TITLE AGENT DATE 3-18-14

Type or print name GAYE HEARD E-mail address: gheard@oilreportsinc.com PHONE: 575-393-2727  
For State Use Only

APPROVED BY: JDade TITLE Dist. Spewer DATE 3/25/2014  
Conditions of Approval (if any):

VANGUARD PERMIAN LLC

DONALDSON COM A #1

1930/N & 2303/W API #30-015-22404 Sec 23 T23S R28E

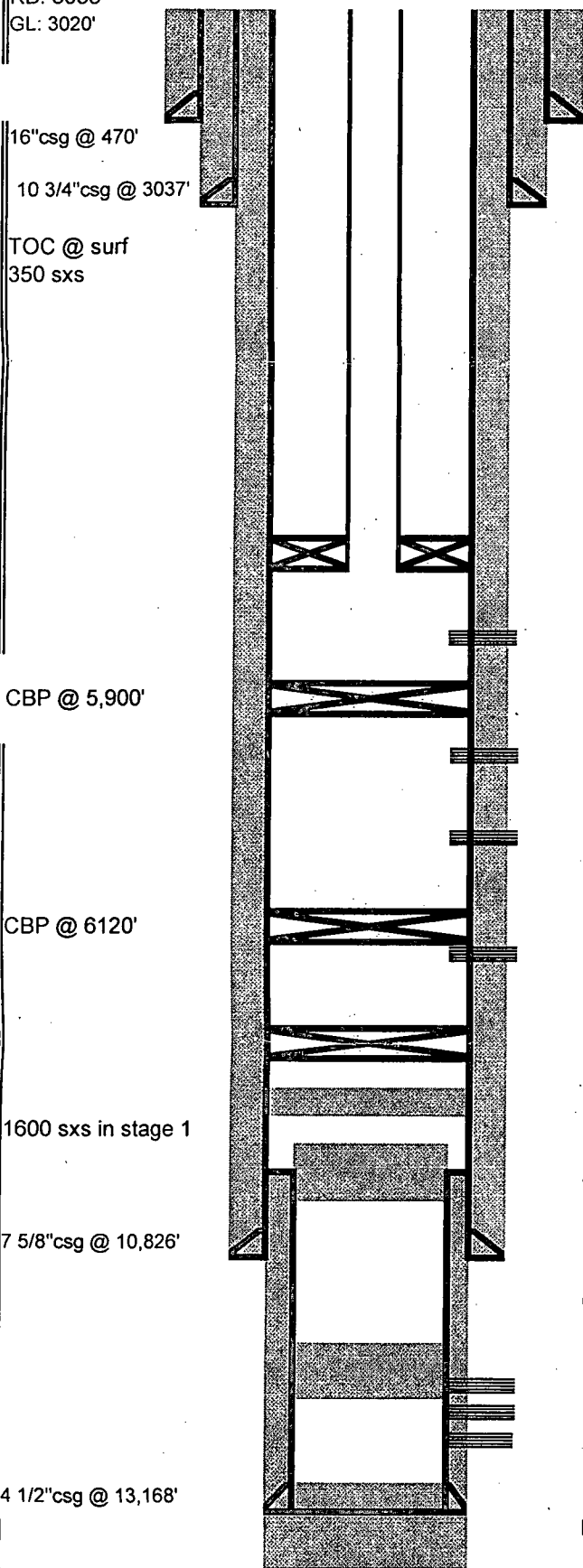
Procedure:

1. MIRU completion rig and test anchors.
2. Kill well with 2% KCl water, if necessary. Unseat pump and POOH w/ rods and pump.
3. ND WH and NU BOP. Release TAC and POOH w/ tubing. Lay out 2-7/8" tubing.
4. PU, strap and TIH with 6-3/4" bit, 7-5/8" casing scraper and 3-1/2" frac string tubing. Clean out hole to 6130' until clean returns, POOH
5. MI wireline w/ packoff. RIH CIBP, GR/CCL & correlate
6. Set the CIBP @ ~6120', dump bail 2 sks cement on top.
7. MU 3-1/8" casing guns set at 4 spf, 120° phasing (0.38" hole, 39.5" penetration).
8. Perforate as follows:
  - a. 6014' - 6036' (22', 88 shots)
9. RD wireline.
10. PU a 7-5/8" Arrowset I packer and RIH to ~6000'. Load tubing/hole with 2 % KCl and set packer.
11. MIRU pump truck and test lines to 4500 psi.
12. Pump 4000 gals 7.5% NEFE acid with rock salt.
  - a. Pump 500 gal then pump rock salt over next 2000 gals.
  - b. Pump last 1500 gals and flush to 6094'.
  - c. Record ISIP, 5 min, 10 min and 30 min.
13. RU swabber and swab well in to test acid job. Recover load and report fluid/gas entry.
14. Release packer and POOH.
15. MI wireline w/ packoff. RIH CBP, GR/CCL & correlate
16. Set the CBP @ ~5900'.
17. MU 3-1/8" casing guns set at 2 spf, 120° phasing (0.38" hole, 39.5" penetration).
18. Perforate as follows:
  - a. 5838' - 5850' (12', 24 shots)
19. RD wireline.
20. PU a 7-5/8" Arrowset packer and 3-1/2" tubing and RIH with tubing to ~5760' and set packer.
21. MIRU pump truck (with 2000 gals acid) and test lines to 4500 psi.
  - a. Pump 1000 gals 7.5% NEFE acid with 20 ball sealers.
  - b. Pump last 1000 gals and flush to 5850'.
  - c. Record ISIP, 5 min, 10 min and 30 min.
22. Wait at least 1 hr then RU swabber and swab well in to test acid job. Recover load and report fluid/gas entry, if possible.
23. RDMO completion rig.
24. Call out 3-500 bbl tanks & fill with 2% KCl water. Install frac valve in preparation for frac job down 3-1/2" tubing.
25. RU frac Co. and test lines & pump as per frac schedule.
26. Monitor ISIP, 5 min, 10 min, 15 min. Flowback until well dies.
27. Rig down frac valve and release frac tanks.
28. MIRU completion rig.
29. Load hole and release packer, POOH and lay out 3-1/2" frac string tubing.
30. PU a 4-3/4" bit, sand bailer and 2-7/8" tubing and RIH. Clean out the well as needed and knockout the CBP to produce the LBC B, A and AA.
31. RIH w/ 7-5/8" TAC, SN and 2-7/8" tubing.
32. RIH w/ rods and pump.
33. RD & MO.
34. Turn well on to production.



**Donaldson Com A #1**  
**Loving East - 30-015-22404**  
**Eddy County, New Mexico**  
 COMPLETION - 3/2014

KB: 3033'  
 GL: 3020'



**CASING PROGRAM**

Depth	Size	Weight	Grade	I.D.	Collapse	Burst
470'	16"	65#	H-40			
3037'	10 3/4"	40.5#	K-55	8.097	1,370	2,950
10,826'	7 5/8"	26.4 - 33.7	S-95	4.950	4,040	4,810
13,168'	4 1/2"	15.1#	P-110			

**PRODUCTION TUBING**

Depth	Size	Weight	Grade	Threads
6170'	2 7/8"	6.5#	J-55	EUE

Brushy Canyon AA Perforations  
 5,838' - 5,850' (2spf, 24 shots)

PROPOSED

Brushy Canyon A Perforations  
 5,960' - 5,970' (6spf, 60 shots)

Frac'd w/133,520# 20/40 sand  
 (Dec 04)

Brushy Canyon B Perforations  
 6,014' - 6,036' (4spf, 88 shots)

PROPOSED

Brushy Canyon C & D Perforations  
 6,146' - 6,228'

CIBP @ 6,245'

Cmt plug from 9,898' to 10,594'

Cmt plug from 10,544' - 10,594'  
 Top of Liner @ 10,562'

Cmt plug from 11,424' to 11,524'

Morrow Perforations:

11,481' - 11,486'  
 11,754' - 11,760'  
 11,928' - 11,933'

PBTD = 13,168' FC

*Note: This schematic is not to scale. For display purposes only.*

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-22404	<sup>2</sup> Pool Code 40350	<sup>3</sup> Pool Name East loving Brushy Canyon
<sup>4</sup> Property Code 312394	<sup>5</sup> Property Name Donaldson Com A	
<sup>7</sup> OGRID No. 258350	<sup>8</sup> Operator Name VANGUARD PERMIAN LLC	
		<sup>6</sup> Well Number 1
		<sup>9</sup> Elevation 3020.4

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	23	23S	28E		1930	NORTH	2303	WEST	EDDY

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<sup>16</sup> 	<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>  Signature	
	3-18-14 Date	
	Gaye Heard Printed Name	
	gheard@oilreportsinc.com E-mail Address	
<sup>18</sup> SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>	Date of Survey	
	Signature and Seal of Professional Surveyor:	
	Certificate Number	