

**District I:**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**District II:**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**District III:**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

**District IV:**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

**State of New Mexico**  
**Energy Minerals and Natural Resources**

**RECEIVED**

Form C-101  
Revised July 18, 2013

**Oil Conservation Division**  
**1220 South St. Francis Dr.**

**DEC 06 2018**

☐ AMENDED REPORT

**Santa Fe, NM 87505 DISTRICT II-ARTESIA O.C.D.**

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address VANGUARD OPERATING, LLC 5847 SAN FELIPE, STE. 3000 HOUSTON, TEXAS, 77057		<sup>2</sup> OGRID Number 258350
		<sup>3</sup> API Number 30-015-41165
<sup>4</sup> Property Code 315368	<sup>5</sup> Property Name KERSEY STATE	
		<sup>6</sup> Well No. 6

**7. Surface Location**

UL - Lot p	Section 32	Township 17S	Range 28E	Lot Idn	Feet from 930	N/S Line SOUTH	Feet From 860	E/W Line EAST	County EDDY
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**9. Pool Information**

<sup>7</sup> Pool Name Artesia; Glorieta-Yeso & Artesia; Queen-Grayburg-San Andres	<sup>8</sup> Pool Code 96830; 3230
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**Additional Well Information**

<sup>11</sup> Work Type PLUG BACK	<sup>12</sup> Well Type OIL	<sup>13</sup> Cable/Rotary ROTARY	<sup>14</sup> Lease Type STATE	<sup>15</sup> Ground Level Elevation 3,672
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 5,011'	<sup>18</sup> Formation GI-Ye & Qn-Gb-SA	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 07/03/2013
Depth to Ground water 95		Distance from nearest fresh water well 0.7 miles		Distance to nearest surface water 7.4 miles

☐ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	11"	8-5/8"	24# J-55	439'	225	SURF
Prod	7-7/8"	5-1/2"	17# J-55	5,011'	950	SURF

**Casing/Cement Program: Additional Comments**

This well has been drilled and completed in the Yeso. This application is to plug back from the Yeso and Recomplete to San Andres. Details of the proposed recompletion are included in the attached C-103. After a test of the San Andres alone and approval of a DHC application, the CBP isolating the Yeso will be drilled out and the well will be DHC.

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable. Signature: <i>Kyle Zimmermann</i>		<b>OIL CONSERVATION DIVISION</b>	
Printed name: Kyle Zimmermann		Approved By: <i>Raymond Sr. Godang</i>	
Title: Operations Engineer		Title: <i>Geo/Logist.</i>	
E-mail Address: kzimmerman@ynrenergy.com		Approved Date: <i>12/6/18</i>	Expiration Date: <i>12/6/20</i>
Date: 12/05/2018	Phone: 432-202-0145	Conditions of Approval Attached	

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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

DISTRICT II-ARTESIA O.C.D.

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 30-015-41165	<sup>2</sup> Pool Code 3230	<sup>3</sup> Pool Name Artesia; Queen-Grayburg-San Andres
<sup>4</sup> Property Code 315568	<sup>5</sup> Property Name Kersey State	<sup>6</sup> Well Number 6
<sup>7</sup> OGRID No. 258350	<sup>8</sup> Operator Name Vanguard Operating, LLC	<sup>9</sup> Elevation 3,672' GL

<sup>10</sup> Surface Location

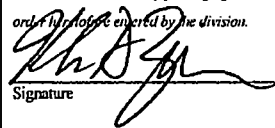
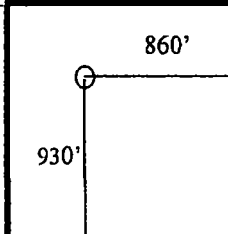
UL or lot no. P	Section 32	Township 17S	Range 28E	Lot Idn.	Feet from the 930	North/South line SOUTH	Feet from the 860	East/West line EAST	County EDDY
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn.	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres 40	<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.

				<b><sup>17</sup> OPERATOR CERTIFICATION</b> <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, if applicable, entered by the division.</i>  Signature 12/06/2018 Date Kyle Zimmermann Printed Name kzimmermann@vnuenergy.com E-mail Address
		32		<b><sup>18</sup> SURVEYOR CERTIFICATION</b> <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> 12/29/2012 Date of Survey Signature and Seal of Professional Surveyor: Filmon F. Jaramillo Original Survey On File with Original C-101 12797 Certificate Number
				

RUP 12-6-18