

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  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

RECEIVED

Form C-101  
Revised July 18, 2013

MAR 05 2019

AMENDED REPORT

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 30-015-37692
<sup>4</sup> Property Code 35568	<sup>5</sup> Property Name KERSEY STATE	<sup>6</sup> Well No. 4

<sup>7</sup> Surface Location

UL - Lot P	Section 32	Township 17S	Range 28E	Lot Idn	Feet from 360	N/S Line SOUTH	Feet From 990	E/W Line EAST	County EDDY
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<sup>9</sup> Pool Information

Pool Name Artesia; Glorieta-Yeso & Artesia; Queen-Grayburg-San Andres	Pool Code 96830; 3230
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Additional Well Information

<sup>11</sup> Work Type P	<sup>12</sup> Well Type O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type S	<sup>15</sup> Ground Level Elevation 3,666'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 5,097'	<sup>18</sup> Formation GI-Ye & Qn-Gb-SA	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 07/06/2010
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

<sup>21</sup> Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	12-1/4"	8-5/8"	24# J-55	455'	375	SURF
Prod	7-7/8"	5-1/2"	17# J-55	5,081'	1,200	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.

<sup>22</sup> 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 ☐ and/or 19.15.14.9 (B) NMAC ☐ if applicable.

Signature

Printed name: Kyle Zimmerman

Title: Operations Engineer

E-mail Address: kzimmerman@vnrenergy.com

Date: 03/04/2019

Phone: 432-202-0145

OIL CONSERVATION DIVISION

Approved By:

*Raymond W. Padany*

Title:

Geologist

Approved Date: 27 March 19

Expiration Date: 27 March 21

Conditions of Approval Attached

96830. Artesia Glorieta Yeso - original pool

RND 4-11-19