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State of New Mexico

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Form C-101 Revised July 18, 2013

## **Energy Minerals and Natural Resources**

1625 N. French Dr., Hobbs, NM 88240 \*Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210

DEC 0 6 2018 Phone: (575) 748-1283 Fax: (575) 748-9720

Oil Conservation Division

DEC 0 6 2018

☐AMENDED REPORT

District III 1000 Rio Brazos Road, Aztec, NM 87410

Phone: (505) 334-6178 Fax: (505) 334-@/STRICT II-ARTESIA O.C.D. District IV

1220 South St. Francis DISTRICT II-ARTESIA O.C.D.

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

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

1. Operator N	larne and Address	7 (	OGRID Number
VANGUARD OPERATING, LLC 5847 SAN FELIPE, STE. 3000	258350		
HOUSTON, TEXAS, 77057		<sup>3</sup> API Number 30-015-34994	
Property Code 9/5554	Froperty Name TIGNER STATE		° Well No. 2
,	7. Surface Location	. ———	

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
L	28	175	28E		1,650	SOUTH	380	WEST	EDDY

### 9. Pool Information

Pool Name	Pool Code
Artesia; Giorieta-Yeso & Red Lake; San Andres	96830; 97253

#### Additional Well Information

110 GILLONGI TI WI MILLI HIGHION						
11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	13. Ground Level Elevation		
PLUG BACK	OIL	ROTARY	STATE	3,664'		
16. Multiple	17. Proposed Depth	<sup>18.</sup> Formation	19. Contractor	<sup>20.</sup> Spud Date		
No	3,534'	GI-Ye & SA		10/30/2006		
Depth to Ground water	Distance fro	m nearest fresh water well	Distance to r	earest surface water		
>100'	<1,000'		>1,000°			

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

21. Proposed Casing and Cement Program

Туре	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	12-1/4"	8-5/8"	28# J-55	377'	325	SURF
Prod	7-7/8"	5-1/2"	14 & 15.5# J-55	3,534'	775	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

Туре	Working Pressure	Test Pressure	Manufacturer	

23. I hereby certify that the information best of my knowledge and belief.	- 1	OIL CONSERVATION DIVISION		
I further certify that I have complied	with 19.15.14.9 (A) NMAC  and/or	Approved By:		
19.15.14.9 (B) MAC , if applicat	ile.		<b>→</b> .	
Signature Mult		Caymend Its	Todany	
Printed name: Kyle Zimmermann		Title: Geologi3+	<i>V</i>	
Title: Operations Engineer		Approved Date: 12-6-18	Expiration Date: 12 -6-20	
E-mail Address: kzimmerman@vnrene	rgy.com			
Date: 12/05/2018	Phone: 432-202-0145	Conditions of Approval Attached		

District IV
1625 N. French Dr., Hobbs, NM 88240
Phone: (375) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (375) 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 & Natural Resources Department8 OIL CONSERVATION DIVISION USURING III-ARTESIA O.C.D.

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

1,	API Numbe	ier Pool Code		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name			
30-	-015-3499	94	97253			Red Lake; San Andres			
1 Preserto	~				5 Property N	ame		67	Vell Number
3155	54				Tigner St	ate			2
OGRID I		_			8 Operator N	ame			<sup>9</sup> Elevation
25835	0			V	anguard Opera	ting, LLC		3	,664' GL
			·		<sup>10</sup> Surface L	ocation	<del></del>		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	28	17S	28E		1,650	SOUTH	380	WEST	EDDY
-			" Bot	tom 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
		<u> </u>							
12 Dedicated Acres 40	Joint o	r (ոն⊪   14 C	Consolidation C	ode <sup>15</sup> Orde	er No.	•			

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.

		<del>,</del>	· · · · · · · · · · · · · · · · · · ·	
l				"OPERATOR CERTIFICATION
	!			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
	į			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
1				order keyesploye entered by the division.
				12/06/2018
#				Signature Date
1				Signature O//
				Kyle Zimmermann
li				Printed Name
1				kzimmerman@vnrenergy.com
				E-mail Address
1				
Ï		28		"SURVEYOR CERTIFICATION
ii				I hereby certify that the well location shown on this
				plat was plotted from field notes of actual surveys
380	n,			made by me or under my supervision, and that the
300	,			same is true and correct to the best of my belief.
	ł I			06/11/2001
				Date of Survey
		]		Signature and Seal of Professional Surveyor:
	1			
				Dan R, Reddy
	1,650'			Original Survey On File with Original C-101
1	}			ļ.
			l .	5412
1	1			Certificate Number
1				İ

Ruf 12-6-18