

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

RECEIVED FEB 20 2019 OIL CONSERVATION DIVISION DISTRICT II-ARTESIA O.C.D. 1220 South St. Francis Dr. Santa Fe, NM 87505		WELL API NO. 30-015-41165
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>		6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name KERSEY STATE		8. Well Number 6
9. OGRID Number 258350		10. Pool name or Wildcat Artesia; Queen-Grayburg-San Andres
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 <input type="checkbox"/>		
2. Name of Operator VANGUARD OPERATING, LLC		
3. Address of Operator 5847 SAN FELIPE, STE. 3000, HOUSTON, TEXAS, 77057		
4. Well Location Unit Letter <u>P</u> : <u>930</u> feet from the <u>SOUTH</u> line and <u>860</u> feet from the <u>EAST</u> line Section <u>32</u> Township <u>17S</u> Range <u>28E</u> NMPM <u>Eddy</u> County		
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3672' GR		

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: Recomplete Well to San Andres ☒

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.

Vanguard has recompleted this Yeso oil well to the San Andres as follows: On 12/06/2018, MIRUSU. TOH w/ rods, pump, & tbg. Set 5-1/2" CBP @ 3,525' & PT 5-1/2" csg & CBP to 3,500 psig- OK. (Existing Yeso perfs are @ 3,575-4,836'). On 12/20/2018, perfed lower San Andres @ 3,200-3,504' w/ 34 holes. On 12/21/2018, treated w/ 1,000 gals 15% HCL acid and fraced lower San Andres w/ 30,200# 100 mesh, 168,900# 40/70 White, & 82,300# 40/70 Coolset sand in slick water. Spotted 500 gals 15% HCL across next stage. Set 5-1/2" CBP @ 3,180' & PT 5-1/2" csg & CBD to 3,500 psig- OK. Perfed middle San Andres @ 2,858-3,159' w/ 33 holes. Treated w/ 1,000 gals 15% HCL acid and fraced middle San Andres w/ 30,350# 100 mesh, 172,000# 40/70 White, & 76,100# 40/70 Coolset sand in slick water. Spotted 500 gals 15% HCL across next stage. Set 5-1/2" CBP @ 2,810' & PT 5-1/2" csg & CBD to 3,500 psig- OK. Perfed upper San Andres @ 2,475-2,747' w/ 34 holes. Treated w/ 1,500 gals 15% HCL acid and fraced upper San Andres w/ 31,610# 100 mesh, 164,060# 40/70 White, & 67,980# 40/70 Coolset sand in slick water. On 12/26/2018, MIRUSU. Drilled CBP's @ 2,810 & 3,180' and CO to CBP @ 3,525'. On 12/31/2018, landed 2-7/8" 6.5# J-55 tbg @ 3,481'. Ran pump and rods. Released completion rig on 01/02/2019. Completed the well as a single San Andres oil well. Following a test of the San Andres alone and an approved DHC application, the CBP @ 3,525' will be removed and the well DHC'd.

Spud Date:

10/30/2006

Rig Release Date:

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

SIGNATURE [Signature] TITLE Operations Engineer DATE 02/19/2019

Type or print name Kyle Zimmermann E-mail address: kzimmerman@vnrenergy.com PHONE: 432-202-0145

For State Use Only

APPROVED BY: [Signature] TITLE Business Ops Spec A DATE 2-22-2019
Conditions of Approval (if any)