

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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-05366
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-7896
7. Lease Name or Unit Agreement Name STATE O
8. Well Number 10
9. OGRID Number 258350
10. Pool name or Wildcat LOVINGTON ABO

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 OPERATING, LLC	
3. Address of Operator 5847 SAN FELIPE, STE. 3000, HOUSTON, TEXAS, 77057	
4. Well Location Unit Letter <u>L</u> : <u>3,080</u> feet from the <u>NORTH</u> line and <u>440</u> feet from the <u>WEST</u> line Section <u>31</u> Township <u>16S</u> Range <u>37E</u> NMPM County <u>LEA</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,833' DF	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK
TEMPORARILY ABANDON ☐	COMMENCE DRILLING OPNS.
PULL OR ALTER CASING ☐	CASING/CEMENT JOB
DOWNHOLE COMMINGLE ☐	
CLOSED-LOOP SYSTEM ☐	
OTHER: ☐	OTHER: ☐

INT TO PA Am. x
P&A NR-
P&A R

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.

1. Notify NMOCD 24 hours prior to MIRU to P&A.
2. RIH w/ tbg, tag CIBP @ 8,300'. No record of having capped CIBP when well TA'd in 2013. Notify OCD of tag depth and cap CIBP as necessary. WOC & tag.
3. Note in well file shows Abo perforations added @ 8,138-8,254' that were never reported, as they only swab tested water. No record of having squeezed perforations. Set CIBP @ 8,100' and cap w/ 25 sx cmt. WOC & tag.
4. Spot 25 sx cmt plug @ 6,021-5,921' (Glorieta). 6250'
5. Perf @ 4,671' & sqz 50 sx cmt plug @ 4,671-4,571' (San Andres). WOC & tag.
6. Perf @ 3,240' & sqz 50 sx cmt plug @ 3,240-3,140' (8-5/8" shoe). WOC & tag.
7. Perf @ 3,090' & sqz 50 sx cmt plug @ 3,090-2,990' (Yates). WOC & tag.
8. Perf @ 2,070' & sqz 50 sx cmt plug @ 2,070-1,970' (Anhydrite). WOC & tag.
9. Perf @ 310' & sqz 50 sx cmt plug @ 310-210'. (13-3/8" shoe). WOC & tag.
10. Perf @ 100'. Circ cmt to surf via 5 1/2" x 8-5/8" csg annulus.
11. Cut off wellheads, ensure cmt @ surface on all 3 strings.
12. Install dry hole marker.

CIRC CMT TO SURFACE INSIDE/
OUTSIDE 5 1/2" CSG
NOTIFY OCD 24 HOURS PRIOR TO
BEGINNING PLUGGING OPERATIONS

Spud Date: 02/13/1952

Rig Release Date:

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

SIGNATURE Kyle Zimmermann TITLE Operations Engineer I DATE 05/06/2017

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

For State Use Only

APPROVED BY: Neel Whitaker TITLE Petroleum Engr. Specialist DATE 05/11/2017

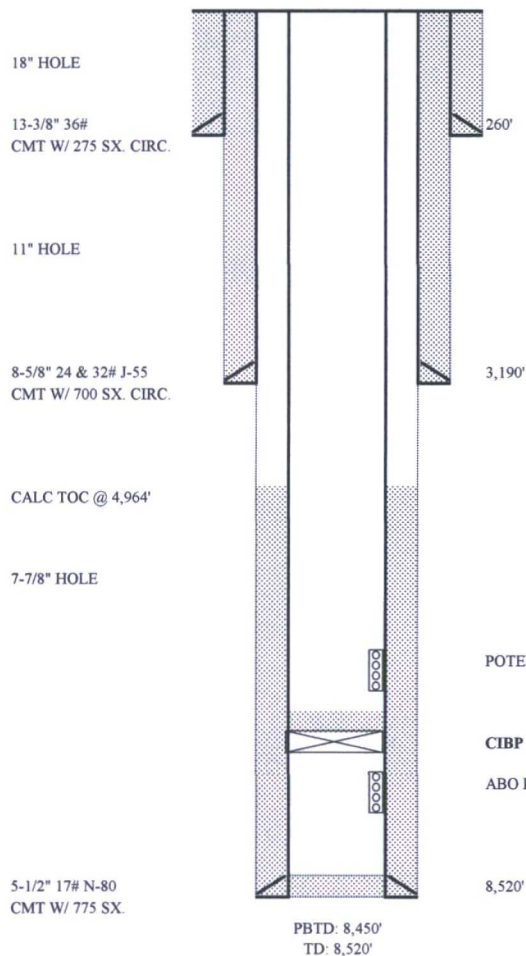
Conditions of Approval (if any):

LEASE/WELL: STATE O #10
 LOCATION 3,080' FNL & 440' FWL
 L-31-T16S-R37E
 CO/ST: LEA COUNTY, NEW MEXICO
 FIELD: LOVINGTON ABO
 API NO. 30-025-05366

DF 3833
 SPUDDED 2/13/1952
 COMPLETED 4/13/1952
 LAT (27) 32.8772888
 LONG(27) -103.2979279

FORMATION TOPS PER C-105
 ANHYDRITE 2020
 YATES 3040
 SAN ANDRES 4621
 GLORIETA 5971
 TUBB 7540
 ABO 8155

CURRENT



POTENTIAL ABO PERFS: 8,138-8,254' (124 HOLES)

CIBP @ 8,300'. NO RECORD OF HAVING BEEN CAPPED.

ABO PERFS: 8,300-8,450' (368 HOLES)

KDZ 05-06-2017

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L-31-T16S-R37E

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FIELD: LOVINGTON ABO

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COMPLETED 4/13/1952

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LONG(27) -103.2979279

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ANHYDRITE 2020

YATES 3040

SAN ANDRES 4621

GLORIETA 5971

TUBB 7540

ABO 8155

AFTER P&A

