

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

RECEIVED
NOV 20 2019
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
DISTRICT/ARTESIA/O.C.D.

Form C-103
Revised July 18, 2013

WELL API NO. 30-005-62820
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Pathfinder AFT State
8. Well Number 12
9. OGRID Number 258350
10. Pool name or Wildcat Diablo; Fusselman

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 G : 2,300 feet from the NORTH line and 2,214 feet from the EAST line
Section 21 Township 10S Range 27E NMPM County Chaves

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3833' 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: ☐

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 Operating, LLC is requesting to temporarily abandon (TA) this well to evaluate any future uphole recompletion opportunities. TA procedure is as follows:

1. MIRU WS. LD production equipment.
2. RU WL. Set CIBP @ 6,327' (Top perf @ 6,377'). Cap w/ 35' of cement via bailer.
3. Contact NMOCD prior to running MIT test. Fill casing with treated water and pressure test to 500 psig for at least 30 minutes. Record pressure chart.
4. RD WS & WL.
5. File subsequent C-103 and MIT chart.

Temporary Abandoned Status approved
until 07-01-2021

TA status may be granted after a
successful MIT test is performed.
Contact the OCD to schedule the test
so it may be witnessed.

Spud Date:

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 DATE 11/20/2019

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

For State Use Only

APPROVED BY: D. J. Smith TITLE Compliance Officer DATE 11-21-19
Conditions of Approval (if any):

LEASE/VELL: PATHFINDER AFT STATE #12
 LOCATION 2,300' FNL & 2,214' FEL
 G-SEC 21-T10S-R27E
 CO-ST: CHAVES COUNTY, NEW MEXICO
 FIELD: DIABLO: FUSSELMAN
 API NO. 30-005-62820

GR 3833
 SPUDDED 1-5-1991
 COMPLETED 2-24-1991
 LAT 35.4321899
 LONG -104.197472
 FORMATION TOPS PER C-105
 SAN ANDRES 1403
 GLORIETA 2579
 YESO 2659
 ABO 4855
 WOLFCAMP 5550
 CISCO 6074
 PENN CLASTIC 6189
 MISS LIME 6237
 SILURO-DEVON 6272
 FUSSELMAN 6288

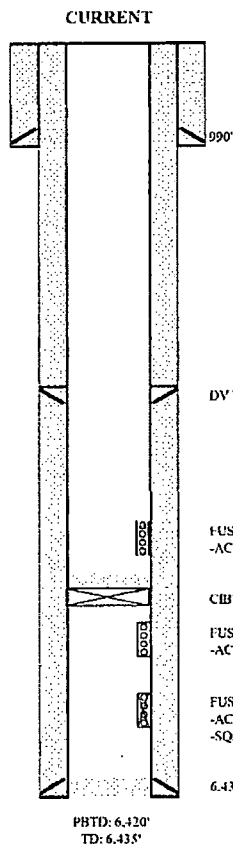
DEVIATION SURVEY DATA
 MD (ft) Inclination (deg)
 486 0.75
 990 1
 1160 0.75
 1706 0.25
 2235 0.5
 2731 0.5
 3196 0.75
 3699 1
 4228 1
 4697 0.75
 5194 0.5
 5753 1
 6253 1.25
 6435 2

12-1/4" HOLE

9-5/8" 36# J-55
 CMT W/ 500 SX. CIRC.

8-3/4" HOLE

7" 23 & 26# J-55
 CMT W/ 1,800 SX. CIRC.



DV TOOL @ 4,004'

FUSSELMAN PERFS: 6,377-6,385' (48 HOLES)
 -ACIDIZE W/ 1,000 GALS 15% ACID

CIBP @ 6,393' (5-2009)

FUSSELMAN PERFS: 6,400-6,408' (44 HOLES) 3-2001
 -ACIDIZE W/ 1,000 GALS 15% ACID

FUSSELMAN PERFS: 6,377-6,410'
 -ACIDIZE W/ 1,500 GALS 15% ACID
 -SQZ W/ 175 SX

6,435'

PBTD: 6,420'
 TD: 6,435'

KIDZ 11-20-2019

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