

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 87401
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

NOV 20 2019

OIL CONSERVATION DIVISION

DISTRICT IV - ARTESIA

1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-005-62628
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 1
9. OGRID Number 258350
10. Pool name or Wildcat Diablo; 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 ☒ 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>O</u> : <u>990</u> feet from the <u>SOUTH</u> line and <u>1,650</u> feet from the <u>EAST</u> line Section <u>21</u> Township <u>10S</u> Range <u>27E</u> NMPM County <u>Chaves</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3486' 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 @ 1,953' (Top perf @ 2,003'). 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.

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

Temporary Abandoned Status approved
until 01-01-2022

DS

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

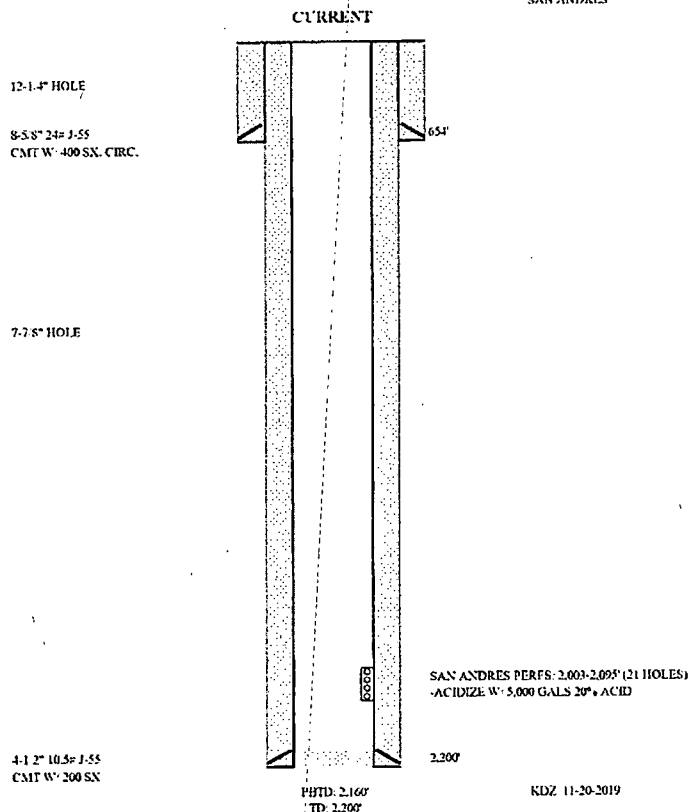
For State Use Only

APPROVED BY: [Signature] TITLE Compliance Officer DATE 11-21-19
Conditions of Approval (if any):

LEASE WELL: PATHFINDER AFT STATE #1
 LOCATION: 990 FSL & 1.650 FEL
 O-SEC 21-T105-R27E
 CO ST: CHAVES COUNTY, NEW MEXICO
 FIELD: DIABLO: SAN ANDRES
 API NO: 30-005-62628

GR 3486
 SPUDDED 7/26/1983
 COMPLETED 9/9/1988
 LAT 33.4267082
 LONG -104.195633
 FORMATION TOPS PER C-105
 QUEEN 866
 PENROSE 966
 SAN ANDRES 1395

INCLINATION SURVEY DATA
 MD (ft) Inclination (deg)
 496 0.75
 993 1
 1514 0.75



LEASE WELL:
LOCATION:
COST:
FIELD:
API NO.

PATIFINDER AFT STATE #1
990 FSL & 1.650 FEL
O-SEC 21-T10S-R27E
CHAVES COUNTY, NEW MEXICO

CHAVES COUNTY, NEW MEXICO

DIABLO: SAN ANDRES

30-005-62628

GR
SPU
CO
LA
LO

3456

7-26-1988

9.9.1958

33.4267082

4419. 4520

FORMATION TOPS PER C-105

QUEEN 866

PENROSE	966
SAN ANDRES	1395

MD (ft)	Inclination (deg)
496	0.75
993	1
1514	0.75

SURVEY DATA

0.75

0.75

12-1.4" HOLE

S-58* 24" J-55
CMT W. 400 SX CIRC.

7.7.8" HOLE

4-1.2" 10.5in J-55
CMT W-200 SX

SET CDBP 5 1953, CAPW. 35 CMU VIA BADLER

SAN ANDRES PERFS: 2,003-2,095' (21 HOLES)
-ACIDIZE W/ 5,000 GALS 20% ACID

PBFD: 2.160
TD: 2.200

KDZ 11-20-2019