

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

OIL CONSERVATION DIVISION

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

Form C-103
Revised July 18, 2013

WELL API NO.
30-005-62801

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 10

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 O : 660 feet from the SOUTH line and 2,310 feet from the EAST line
Section 21 Township 10S Range 27E NMPM County Chaves

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3827' 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 @ 6,275' (Top perf @ 6,350'). 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 07-01-2021

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 #10
 LOCATION: 660 FSL & 2.310 FEL
 O-SEC 21-T105-R27E
 CO SE: CHAVES COUNTY, NEW MEXICO
 FIELD: DIABLO, FUSSELMAN
 APINO: 30-005-62801

GR 3827
 SPUDDED 10-2-1990
 COMPLETED 11-9-1990
 LAT 33.4257927
 LONG -104.197792
 FORMATION TOPS PER C-105
 SAN ANDRES 1354
 GLORIAITA 2600
 YESO 2683
 ABO 4850
 WOLFCAMP 5583
 CISCO 6058
 PENN CLASTIC 6180
 FUSSELMAN 6295

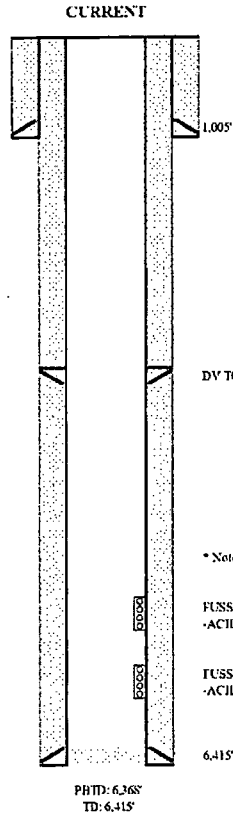
DEVIATION SURVEY DATA	
MD (ft)	Inclination (deg)
480	1
1005	1.25
1524	1.75
2021	3.25
2199	3.5
2323	2.75
2510	3
2604	2.25
2759	3
2882	2.5
2976	2.5
3101	2.25
3631	1
4163	0.25
4644	0.5
5109	1
5311	1.75
5824	1.25
6415	0.75

14-3/4" HOLE

10-3/4" 40.5# J-55
 CMT W/ 650 SX. CIRC.

9-1/2" HOLE

7-5/8" 29.7 & 26.4# N-80 & J-55
 CMT W/ 1,600 SX. CIRC.



DV TOOL @ 3,048'

* Note: Sundry submitted 7/2008 to run retainer to 6,340', sqz. perfs, and add new perfs 6,312-6,332'; no record of having been carried out

FUSSELMAN PERFS: 6,350-6,360' (44 HOLES) 3-2001
 -ACIDIZE W/ 500 GALS 20% ACID

FUSSELMAN PERFS: 6,376-6,384' (32 HOLES)
 -ACIDIZE W/ 500 GALS 20% ACID

6,415'

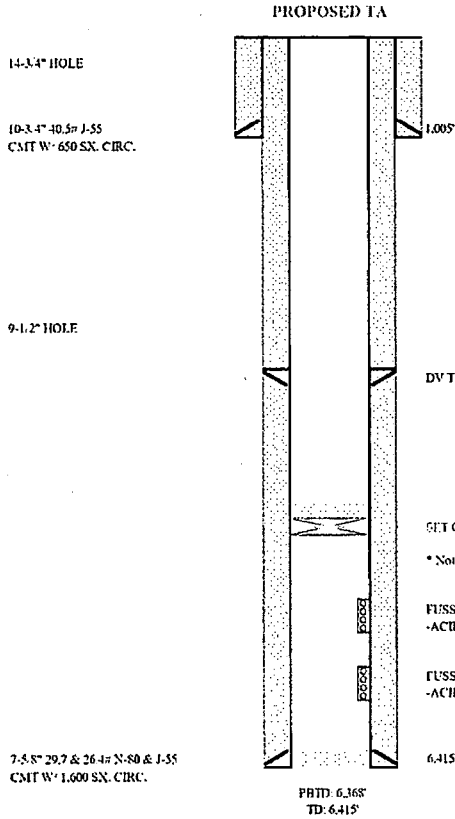
PHTD: 6,368'
 TD: 6,415'

KDZ 11-20-2019

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 CO. ST: CHAVES COUNTY, NEW MEXICO
 FIELD: DIABLO: FUSSELMAN
 AP. NO. 30-005-62801

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DV TOOL @ 3,948'

SET CDP @ 6,275' CAP W/ 35' CMT VIA DAHLER

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