

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

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

WELL API NO. 30-025-38207
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 New Mexico M State
8. Well Number 57
9. OGRID Number 258350
10. Pool name or Wildcat Eunice; San Andres, Southwest
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3402' GL

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 I : 1,920 feet from the SOUTH line and 330 feet from the EAST line  
Section 18 Township 22S Range 37E NMPM County Lea

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 in the Queen prior to P&A. TA procedure is as follows:

1. Notify NMOCD 24 hours prior to MIRU.
2. MIRU WS. LD production equipment.
3. RU WL. Set CIBP @ 3,392' (top perf @ 3,442'). Cap w/ 35' of cement.
4. Contact NMOCD to schedule MIT test. Fill casing with treated water and pressure test casing to 500 psig for at least 30 minutes. Record pressure chart. Open all casing valves during the pressure tests and report a flow or pressure change occurring immediately before, during, or immediately after the 30 minute pressure test.
5. RD WS & WL.
6. File subsequent C-103 and MIT chart.

Condition of Approval: notify

OCD Hobbs office 24 hours

Spud Date:

Rig Release Date:

prior of running MIT Test & Chart

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 10/30/2018

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

For State Use Only

APPROVED BY: Mary S Brown TITLE AOI DATE 11/1/2018

Conditions of Approval (if any):

LEASE/WELL: NEW MEXICO M STATE #57

LOCATION 1,920' FSL & 330' FEL  
1-18-T22S-R37E

CO/ST: LEA COUNTY, NEW MEXICO

FIELD: EUNICE, SAN ANDRES, SOUTHWEST

API NO. 30-025-38207

GR 3402

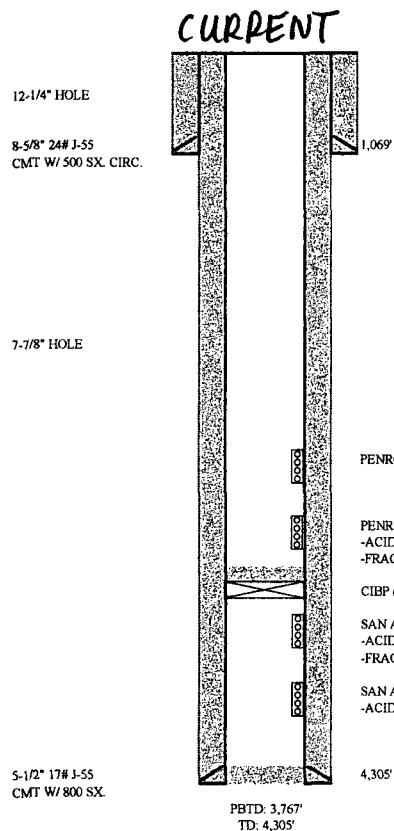
SPUDDED 3/17/2007

COMPLETED 4/11/2007 ORIGINAL SAN ANDRES COMPLETION  
12/19/2013 PENROSE SKELLY RECOMPLETION

LAT 32.3899659  
LONG -103.194641

FORMATION TOPS PER C-105  
ANHYDRITE 1072  
YATES 2648  
SEVEN RIVERS 2847  
QUEEN 3280  
GRAYBURG 3613  
SAN ANDRES 3851

INCLINATION SURVEY DATA	
MD (ft)	Inclination (deg)
533	0.75
1032	0.75
1531	0.75
2038	1.25
2565	2.75
3041	2
4006	0.5



SAN ANDRES IP: 8 BOPD, 128 MCFPD, 1,763 BWPD

PENROSE SKELLY PERFS: 3,442-3,450 (24 HOLES)

PENROSE SKELLY PERFS: 3,531-3,539' (24 HOLES)  
-ACIDIZE W/ 2,500 GALS 15% NEFE  
-FRAC W/ 57,260# 20/40 & 29,620# 20/40 GARNET

CIBP @ 3,840': CAP W/ 2 SX CMT

SAN ANDRES PERFS: 3,895-3,920' (25 HOLES)  
-ACIDIZE W/ 1,000 GALS 15% NEFE  
-FRAC W/ 1,841 BBLS 30# XL GEL & 51,119# 16/30 OTTAWA SAND

SAN ANDRES PERFS: 3,976-4,006' (30 HOLES)  
-ACIDIZE W/ 3,000 GALS 15% NEFE

KDZ 10-30-2018

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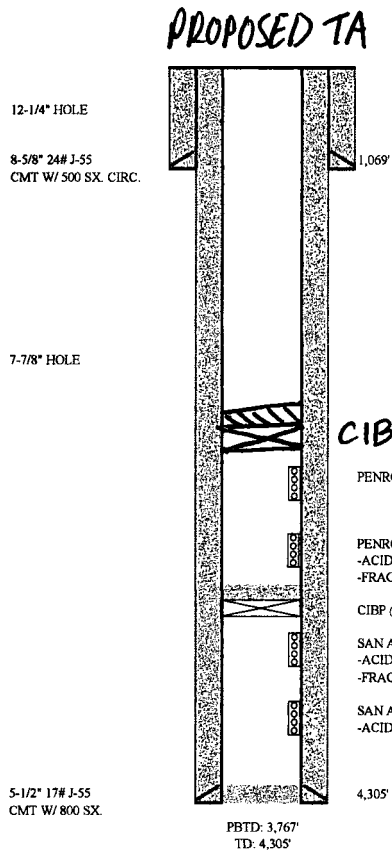
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