

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. API #30-025-37828
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. BO-3480
7. Lease Name or Unit Agreement Name COLE STATE
8. Well Number 23
9. OGRID Number 258350
10. Pool name or Wildcat See Below

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
VA NGUARD PER MAIN LLC

3. Address of Operator
5847 San Felipe, Suite 3000, Houston, Texas 77057

4. Well Location
Unit Letter E : 1650 feet from the North line and 990 feet from the West line
Section 16 Township 22S Range 37E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3391 GL

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input checked="" type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <u>DHC-3780A</u>	OTHER: <u>DHC-3780A</u>

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.

Penrose Skelly Grayburg
Eunice San Andres. Southwest
Eumont Yates Seven Rivers Queen

Set CIBP @ 3600 and commingle the well as per DHC-3780-A

SEE ATTACHMENT

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 Colleen Germany TITLE Agent DATE 10-24-14

Type or print name Colleen Germany E-mail address: cgermany@oilreportsinc.com PHONE: 575-393-2727

For State Use Only

APPROVED BY: Petroleum Engineer TITLE Petroleum Engineer DATE 12/24/14

Conditions of Approval (if any):

DEC 24 2014

VANGUARD PERMIAN LLC

COLE STATE #23

API #30-025-37828 Sec 16 T22S R37E

11-10-14 MIRU WOU AND PULLED PRODUCTION EQUIPMENT.

RIH WITH 4 3/4 " BIT AND RU FAU.

11-11-14 CLEAN OUT SAND FROM 3586' TO CBP, DRILL OUT
CBP @ 3600.

CLEAN OUT TO PBTD @ 4107, CIRCULATED CLEAN AND POOH.

11-12-14 PU COMPLETION TUBING AND RUN TO 4010 (EOT).

RUN RODS AND TURN WELL ONTO PRODUCTION.

RDMO.

11-14-14 24 HRS PRODUCTION TEST 13 BOPD, 157 MCF, 21 BWPD



Cole State #23

P. Skelly/Graygurg/San Andres - 30-025-37828

Lea County, New Mexico

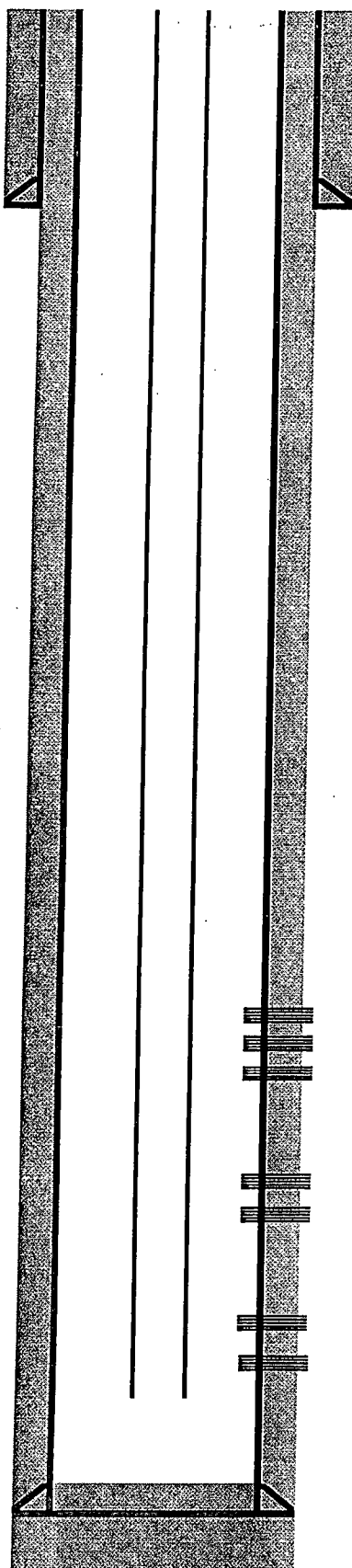
COMINGLED COMPLETION - 10/2014

KB: 3401'

GL: 3391'

TOC @ surf
330 sxs

8 5/8" csg @ 862

TOC @ surface
680 sxsMarker Jt
3444.6' - 3465.6'CASING PROGRAM

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>I.D.</u>	<u>Collapse</u>	<u>Burst</u>
862	8 5/8"	24#	K-55	8.097	1,370	2,950
4148	5 1/2"	17#	K-55	4.892	4,910	5,320

PRODUCTION TUBING

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Threads</u>
4000	2 7/8"	6.5#	J-55	EUE

DHC-3780A

Eumont; Y,7R,Qu Perforations 45 holes:

3,470' - 3,474' (4', 12 holes)

3,520' - 3,528' (8', 24 holes)

3,551' - 3,554' (3', 9 holes)

Grayburg Perforations 16 holes:

3,678' - 3,682' (8 holes)

3,812' - 3,816' (8 holes)

San Andres Perforations 98 holes:

3,838' - 3,842' (8 holes)

3,870' - 3,920' (50 holes)

3,960' - 4,000' (40 holes)

PBTB = 4,107' FC

5 1/2" csg @ 4148

Note: This schematic is not to scale. For display purposes only.