

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 August 1, 2011

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

WELL API NO. 30-025-34083
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 Brunson
8. Well Number 5
9. OGRID Number 258350
10. Pool name or Wildcat Penrose; Skelly Grayburg

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 Permian LLC
3. Address of Operator PO Box 1570 281 North NM Highway 248 Eunice, NM 88231

Well Location

Unit Letter O : 330 feet from the South line and 2310 feet from the East line
Section 4 Township 22S Range 37E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3431' KB

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 ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

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.

1. MIRU completion rig and test anchors.
2. Unseat Pump and POOH w/rods and pump.
3. ND WH and NU BOP. Kill well with 2% KCL water if necessary. Release TAC and POOH w/tbg.
4. PU, strap and TIH with 4-3/4" bit & 2-7/8" tbg. Clean out hole to PBTD (4066') until clean returns, POOH.
5. MI wireline w/packoff. RIH w/ GR/CCL & correlate to the Western Atlas Compensated Neutron/GR log dated 12/08/1997.
6. MU 3-1/8" slick casing guns set at 2 spf, 120 deg. phasing (0.40" hole, 21" penetration).
7. Perforate as follows: a. 3908-3912' (4', 8 shots) b. 3922-3928' (6', 12 shots) c. 3935-3942' (7', 14 shots) d. 3953-3958' (5', 10 shots) e. 3980-3984' (4', 8 shots) f. 3994-3996' (2', 4 shots) g. 4008-4014' (6', 12 shots)
8. RD wireline.
9. PU and TIH with Arrowset 1 packer and set 3750'.
10. RU service company with 6500 gals 15% NEFE acid and 170 ball sealers.
11. Load annulus and hold 500 psi during acid job.
12. Load tbg. With 2% KCL and establish injection rate.
13. Acidize the San Andres w/6500 gals 15% NEFE and 170 ball sealers as follows: a. Pump 500 gals of acid at 4-6 BPM. b. Space out and drop 170 balls over the next 5500 gals. c. Pump 500 gals after the last set of balls and flush to 4000'. d. SD pumps and SI well for 30 minutes. E. Record ISIP, 5 min, 10 min, 15 min, and 30 min, or until well goes on vacuum.
14. After 30 mins, RU swab and swab back load. Observe well response, report any flow & change in pressure. SI well overnight.
15. RD & MO Swab unit.
16. Release packer and POOH.
17. RIH w/ 5-1/2" TAC, SN and 2-7/8" tbg. Set SN at 3990'.
18. RIH w/rods and pump.
19. RD & MO.
20. Turn well on to production.

JUL 10 2013

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



TITLE

Petroleum Engineer

DATE

JUL 10 2013

Type or print name

E-mail address:

PHONE:

For State Use Only

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):