

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. Reich 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

HOBBS OGD

OIL CONSERVATION DIVISION

AUG 05 2011

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

RECEIVED

| | | |
|---|--|---|
| 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) | | WELL API NO. 30-015-32190 |
| 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> | | 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 2. Name of Operator Vanguard Natural Resources | | 6. State Oil & Gas Lease No. 193805 |
| 3. Address of Operator 1209 S. Main Lovington, NM 88260 | | 7. Lease Name or Unit Agreement Name South Carlsbad Com ✓ |
| 4. Well Location Unit Letter <u>F</u> : <u>1970</u> feet from the <u>North</u> line and <u>1455</u> feet from the <u>West</u> line Section <u>27</u> Township <u>23S</u> Range <u>26E</u> NMPM <u>Eddy</u> County | | 8. Well Number #6 ✓ |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL 3301 | | 9. OGRID Number |
| | | 10. Pool name or Wildcat |

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"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input checked="" type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> | P AND A <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | MULTIPLE COMPL <input type="checkbox"/> | CASING/CEMENT JOB <input type="checkbox"/> | |
| DOWNHOLE COMMINGLE <input type="checkbox"/> | | | |
| OTHER: <input type="checkbox"/> | | OTHER: <input type="checkbox"/> | |

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.

see attached

RECEIVED
AUG 25 2011
NMOCD ARTESIA

DENIED - Form is incomplete

No signature or contact info. need wellbore Inventory & Diagram and prod. zone info.

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 _____ DATE _____

Type or print name _____ E-mail address: _____ PHONE: _____

For State Use Only

TITLE _____ DATE _____

DENIED (if any):

| | | | | | | | | | | |
|--|-----------------------------------|--|------------------------|---|--------------|--|--|------------------|----------|---------------|
| Submit To Appropriate District Office Two Copies District I 1625 N French Dr, Hobbs, NM 88240 District II 811 S First St, Artesia, NM 88210 District III 1000 Rio Brazos Rd, Aztec, NM 87410 District IV 1220 S St Francis Dr, Santa Fe, NM 87505 | | State of New Mexico Geology, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 | | | | Form C-105 Revised August 1, 2011 | | | | |
| | | HOBBBS AUG 05 2011 | | | | 1. WELL API NO. 015-32190 | | | | |
| | | | | | | 2. Type of Lease XX STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN | | | | |
| | | | | | | 3. State Oil & Gas Lease No 193805 South Carlsbad | | | | |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG | | | | | | | | | | |
| 4. Reason for filing: xx COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19 15.17.13.K NMAC) | | | | | | 5. Lease Name or Unit Agreement Name South Carlsbad | | | | |
| | | | | | | 6. Well Number: #6 | | | | |
| 7. Type of Completion: <input type="checkbox"/> NEW WELL <input checked="" type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER | | | | | | | | | | |
| 8. Name of Operator Newfield Exploration Mid-Con Inc | | | | | | 9. OGRID | | | | |
| 10. Address of Operator 110 West 7 th St. Suite 1300 Tulsa, OK 74119 | | | | | | 11. Pool name or Wildcat Bone Springs | | | | |
| 12. Location | Unit Ltr | Section | Township | Range | Lot | Feet from the | N/S Line | Feet from the | E/W Line | County |
| Surface: | F | 27 | 23S | 26E | | 1976 | N | 1455 | W | Eddy |
| BH: | | | | | | | | | | |
| 13. Date Spudded 03/09/02 | 14. Date T.D. Reached 04/15/02 | 15. Date Rig Released 04/15/02 | | 16. Date Completed (Ready to Produce) 05/23/02 | | | 17. Elevations (DF and RKB, RT, GR, etc) 3265 | | | |
| 18. Total Measured Depth of Well 11,990 | | 19. Plug Back Measured Depth 5934 | | 20. Was Directional Survey Made? | | | 21. Type Electric and Other Logs Run | | | |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name Bone Springs | | | | | | | | | | |
| 23. CASING RECORD (Report all strings set in well) | | | | | | | | | | |
| CASING SIZE | | WEIGHT LB./FT. | | DEPTH SET | | HOLE SIZE | | CEMENTING RECORD | | AMOUNT PULLED |
| 13 3/8 | | 48# | | 515' | | 17 1/2 | | Surf | | |
| 9 5/8 | | 40# | | 2025' | | 12 1/4 | | Surf | | |
| 5 1/2 | | 17# | | 11990' | | 8 3/4 | | Surf | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| 24. LINER RECORD | | | | | | | | | | |
| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | | 25. TUBING RECORD | | | | |
| | | | | | | SIZE | DEPTH SET | PACKER SET | | |
| | | | | | | | | | | |
| 26. Perforation record (interval, size, and number) 5820 - 5870' 2 SPF 60% phased | | | | | | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 5820-5870 Frac > 95,680 lb 20/40 Ottawa Sand | | | | |
| 28. PRODUCTION | | | | | | | | | | |
| Date First Production | | Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) | | | | Well Status (<i>Prod. or Shut-in</i>) | | | | |
| n/a | | Flowing | | | | SI | | | | |
| Date of Test | Hours Tested | Choke Size | Prod'n For Test Period | Oil - Bbl | Gas - MCF | Water - Bbl | Gas - Oil Ratio | | | |
| 12/12/09 | 8 | 2" | | 0 | 277 | 0 | | | | |
| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl. | Gas - MCF | Water - Bbl. | Oil Gravity - API - (<i>Corr.</i>) | | | | |
| 80# | 0 | | 0 | 277 | 0 | | | | | |
| 29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) | | | | | | 30. Test Witnessed By | | | | |
| 31. List Attachments | | | | | | | | | | |
| 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit. | | | | | | | | | | |
| 33. If an on-site burial was used at the well, report the exact location of the on-site burial: | | | | | | | | | | |
| Latitude | | | Longitude | | | NAD 1927 1983 | | | | |
| <i>I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief</i> | | | | | | | | | | |
| Signature | | | Name James B. Lollar | | | Title Operations Engineer | | | Date | |
| E-mail Address | | | | | | | | | | |

May 4, 2011

State 0 #12

1. MIRU. POH with pump and rods.
2. TIH with 2 7/8 WS, washpipe and shoe dn to fish @ 4900'.
3. Washover fish dn and cleanout to BPTD @ 8205'.
4. TIH with packer dn to 7900 and set packer.
5. Acidize from 7955'-8055' with 4000 gals 15% NEFE acid using rocksalt for diverting.
6. Shut in 1 hr. Swab well until cleaned up.
7. POH with tools and tbg.
8. Run production equipment.
9. Start pumping to battery.

Approximate Cost: pulling unit \$ 35,000

Rental tools\$ 75000

Work string \$8000

Acid \$10000

Trucking \$3000

Contingency \$4000

Supervision\$ 4000

Total \$140000

Cost to clean fish out of hole cannot be determined. This is an estimate.