

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.  
NMSF078596A

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**7. If Unit or CA/Agreement, Name and/or No.  
NMNM73209

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.  
VANDEWART A LS 42. Name of Operator  
BP AMERICA PRODUCTION COContact: MARY CORLEY  
E-Mail: corleym@bp.com9. API Well No.  
30-045-08404-00-S13a. Address  
P. O. BOX 3092  
HOUSTON, TX 772533b. Phone No. (include area code)  
Ph: 281.366.4491  
Fx: 281.366.070010. Field and Pool, or Exploratory  
BLANCO MESAVERDE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 13 T29N R8W NWNE 0790FNL 1550FEL  
36.73048 N Lat, 107.62364 W Lon11. County or Parish, and State  
SAN JUAN COUNTY, NM**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

## TYPE OF SUBMISSION

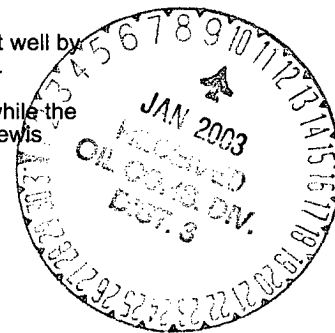
## TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other  
Workover Operations

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletable horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletable in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BP America Production Company respectfully request permission to add pay in the subject well by perforating the Menefee and Lower Lewis Shale formations as per the attached procedure.

Please note: The Lower Lewis Shale formation is considered a portion of the Mesaverde while the Upper Lewis Shale is considered the Charca in this area. Our intent is to perf the Lower Lewis Shale portion of the formation only.



14. I hereby certify that the foregoing is true and correct.

Electronic Submission #15330 verified by the BLM Well Information System  
For BP AMERICA PRODUCTION CO, sent to the Farmington  
Committed to AFMSS for processing by Matthew Halbert on 11/22/2002 (03MXH0190SE)

Name (Printed/Typed) MARY CORLEY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 10/21/2002

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

/s/ Jim Lovato

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

NMOCD

## Vandewart A LS #4 Payadd Procedure

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### Procedure:

1. Check anchors. MIRU workover rig.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down well. Kill with 2% KCL water ONLY if necessary.
4. Nipple down WH. NU BOPs.
5. Tag for fill and tally OH with 2-3/8" production tubing currently set at 5219'.
6. RU WL unit. Run GR log across Menefee and Lewis Shale from 4000' – 5250' to select perforations.
7. TIH with bit and scraper for 4-1/2" casing to 5225'.
8. RU WL unit. RIH with 4-1/2" CIBP. Set CIBP at 5200'.
8. RIH with 3-1/8" casing guns with Schlumberger's Prospector, select-fire charge. Perforate Menefee formation (correlate to GR log).

#### Menefee perforations, 2 spf:

*To be determined from GR log*

9. RIH with 2-7/8" frac string and 4-1/2" packer. Set packer at 4850'.
10. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
11. Flowback frac immediately.
12. Release packer and TOH with frac string and packer. LD frac string.
13. RU WL unit. RIH with 4-1/2" CIBP. Set CIBP at 4750'. Load hole with 2% KCL.
14. Run CBL log from 3800' – 4750' to locate cement top for Lewis Shale frac job.
15. Pressure test casing to 1500 psi
16. RIH with 3-1/8" casing guns with Schlumberger's Prospector, select-fire charge. Perforate Lewis Shale formation (correlate to GR log).

#### Lewis Shale perforations, 2 spf:

To be determined from GR log

17. RU frac equipment and install wellhead isolation tool. Use 2% KCL-N<sub>2</sub> foam in fracture stimulation.
18. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
19. Flowback frac immediately.
20. TIH with tubing and bit. Cleanout fill and drill bridge plugs set at 4750' and 5200'. Cleanout fill to PBTD at 5527'. Blow well dry at PBTD.
21. Rabbit tubing and RIH with 2-3/8" production tubing.
22. Land 2-3/8" production tubing at 5350'.
23. ND BOP's. NU WH. Test well for air. Return well to production.

# Vandewart A LS #4

Sec. 13 T29N R8W

API#: 30-045-08404

GL: 6326'

## History:

Completed openhole in 1953  
1968 - sqz'd 7" csg leak  
- sidetracked, cased,  
and frac'd well  
1986 - found no leaks or fill  
1999: Proposed and cancelled  
Menefee payadd

