

(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-01..5
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.
SF-078596-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Vanderwart A LS #4

9. API Well No.
3004508404

10. Field and Pool, or Exploratory Area
Blanco Mesaverde

11. County or Parish, State
SAN JUAN NEW MEXICO

1. Type of Well
 Oil Well
 Gas Well
 Other

2. Name of Operator
AMOCO PRODUCTION COMPANY
Attention: Mary Corley

3. Address and Telephone No.
P.O. BOX 3092, HOUSTON, TEXAS 77253 (281) 366-4491

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
790' FNL 1550' FEL Sec. 13 T 29N R 8W UNIT B

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other Perf & Frac/Add Pay <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Amoco Production Company requests permission to perf and frac this well per the attached procedures.

If you have any questions please contact Mary Corley at the telephone number listed above.

14. I hereby certify that the foregoing is true and correct
Signed Mary Corley Title Sr. Business Analyst Date 02-02-1999

(This space for Federal or State office use)
Approved by /s/ Duane W. Spencer Title _____ Date FEB 10 1999
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

* See Instructions on Reverse Side

NMOCD

1. Check anchors. MIRUSU.
2. Check and record tubing, casing and bradenhead pressures.
3. Blow down wellhead, kill if necessary.
4. Nipple down wellhead, nipple up and pressure test BOP.
5. Tag and Tally OH with 2.375" tubing (currently set at 5224'). TIH with Bit X Scraper to PBTD.
6. RU DS Wireline Unit and Packoff.
7. TIH with composite BP. Set @ +/- 5220'.
8. Log Mesa Verde (MF, lower CH) interval (approx. 5220'-4700') with CBL/GR/CCL to ensure zonal isolation across MV (MF, lower CH). Please fax logs to (303) 830-5388.
9. Perforate the following Lower CH and MF interval 120 deg. phasing using 3 1/8 HSC ported guns (12.5 GM, .34" EHD, 13.13 TTP, Select Fire). Correlate with attached Schlumberger Density log dated 10/22/68:

5185, 5174, 5140, 5120, 5077, 5073, 5067, 5041, 5036, 5032, 4972,
4967, 4961, 4956, 4943, 4937, 4873, 4844
10. TIH with tapered frac string (2 3/8" tubing across Cliffhouse, 2 7/8" to surface) X Packer. Pressure test BP. Set packer @ +/-4790.
11. Break down and balloff MF perfs with 1.5 X's excess; 1.1 SG RCN balls.
12. TOOH with tbg x pkr.
13. Retrieve balls with WL junk basket. TIH x set packer @ +/-4790'.
14. Fracture Stimulate Lower CH and MF down tubing according to schedule 'A'.
15. Flow back immediately, until well logs off.
16. TOH with Frac String.
17. DO BP; CO to PBTD
18. TIH with 2 3/8" land at +/-5260'.
19. Return well to production; alter criteria and run plunger (if necessary).

