

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
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

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company

3. Address and Telephone No.

P.O. Box 800 Denver CO 80201

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

990' FNL 990' FEL

Sec. 23 28N 7W

5. Lease Designation and Serial No.

SF-078502 079290-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

San Juan 28-7 Unit #50

9. API Well No.

3003907385

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

Rio Arriba, New Mexico

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Cement Work

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ 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.)*

See Attached Procedures.

RECEIVED
APR 18 1994
OIL CON. DIV.
DIST. 3

RECEIVED
APR 23 PM 12:59
OIL CON. DIV. NM

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

Signed Wayne Brannan / bbs

Title Business Analyst

Date 3-23-94

(This space for Federal or State office use)

APPROVED

Approved by _____
Conditions of approval, if any: _____

Title _____

AMOCO

Date APR 12 1994

DISTRICT MANAGER

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 Instruction on Reverse Side

REMEDIAL CEMENTING WORKOVER

San Juan 28-7 Unit #50 MV
23A-28N-7W
Orig. Comp. 6/56
TD = 5828', PBTD = 5730'

TOC on the 4 1/2" casing is 4230' from a Temperature Survey. TOC on the 7" casing is 3200' from a Temperature Survey.

The well will be cleaned out, the production casing will be backed off, perforations will be shot and cement will be circulated from TOC to surface to ensure zonal isolation.

1. Contact Federal or State agency prior to starting repair work.
2. Catch gas and/or water sample off of bradenhead and casing, and have analyzed.
3. Install and/or test anchors.
4. MIRUSU. Check and record tubing, casing and bradenhead pressures.
5. Blow well down, kill well if necessary with 2% KCL.
6. Nipple down well head, nipple up and pressure test BOP's.
7. Trip in the hole and tag PBTD (approx. 5730'), check for fill, trip and tally out of hole with tubing, checking condition of tubing.
8. Trip in the hole with bit and scraper to the top of the perforations. A seating nipple and standing valve may be run in order to pressure test the tubing.
9. Trip in the hole with RBP and PKR. Set RBP 50-100 ft. above perforations (top perf = 5064'). Trip out of hole one joint and set PKR and pressure test RBP to 1500 psi. Release PKR and pressure test csg to 1000 psi. If no leak is found, spot sand on RBP, trip out of hole and skip step 10.
10. Trip out of hole isolating leak in casing. NOTE: Once leak is located contact Lara Kwartin in Denver at (303) 830-5708. Spot sand on RBP and trip out of hole with PKR.
11. Run CBL, if uncomfortable with TS results, under 1000 psi from the top of RBP to bottom of intermediate casing shoe and report results to Denver.
12. Bleed off any intermediate casing pressure and check for flow, fill annulus with 2% KCL water. Nipple down BOP's and tubing head, spear casing and remove slips, nipple up BOP's.

13. Run freepoint and back off casing as deep as possible but not below the intermediate casing shoe (at 3582'). Trip out of hole laying down and checking condition of casing.
14. Trip in the hole with bit and scraper to top of casing back off, circulate hole clean and trip out with scraper.
15. Trip in the hole with RBP and PKR and set RBP above casing backoff, trip out of hole one joint and set PKR and pressure test RBP. Release PKR and pressure test csg to 1000 psi. If no leak is found, spot sand on RBP, trip out of hole and skip steps 16 & 17.
16. Release packer and trip out of hole isolating leak in casing.
NOTE: IF this can not be accomplished contact Lara Kwartin in Denver (303) 830-5708.
17. Release PKR and spot sand on RBP and trip out of hole.
18. Perforate casing, at 3100' with 4 JSPF and circulate dye to determine cement volume. Depending on the depth of the hole and circulating pressure, a PKR or a cement retainer may be needed.
19. Mix and pump sufficient cement (class B or equivalent with two hour setting time) to circulate to surface (calculated 700 cubic feet). Shut bradenhead valve and attempt to obtain a squeeze pressure and WOC.
21. Trip in the hole with bit and scraper and drill out cement and pressure test casing. Re-squeeze leaks if casing fails pressure test.
22. Trip in the hole with retrieving head for RBP, circulate sand off of RBP and trip out of hole with plug.
23. Trip in the hole with casing and tag casing backoff. Circulate the top of the back off clean with 2% KCL water. Circulate PKR fluid to fill annulus if no additional squeeze work is required. This will be determined from the previous CBL run. Tie back onto production casing and pressure test casing.
24. Nipple down BOP's and tubing head, set slips and make cut off. Install tubing head and BOP's and pressure test.
25. Trip in the hole with retrieving head for RBP, circulate sand off of RBP with 2% KCL and trip out of hole with plug.
26. Trip in hole with a sawtooth collar and/or bailer and clean out to PBTD and trip out of hole.
27. Trip in the hole with the production string (1/2 mule shoe on bottom and a seating nipple one joint off bottom), land tubing at 5780'. Nipple down BOP's, nipple up well head.
28. Swab well in or use Nitrogen and put well on production.
29. Rig down move off service unit.