

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 Water Injection Well

2. Name of Operator
Anadarko Petroleum Corporation

3. Address and Telephone No.
P.O. Drawer 130, Artesia, New Mexico

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
400' FSL & 660' FEL
Sec. 21 - T18S - R32E

5. Lease Designation and Serial No.

NM-59044

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Cavalcade 21 Fed. #4

9. API Well No.

30-025-29179

10. Field and Pool, or Exploratory Area (Asso)

Querecho Plains Queen

11. County or Parish, State

Lea, 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 Set additional equipment
- ☐ 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.)*

1. Rigged up pulling unit. Trip out of hole with tubing & packer.
2. Went in hole with 4½" Baker Lok-Set packer on 2-3/8", J-55, internally plastic lined tbq.
3. Circulate 4½" casing with inert (chemical) fluid.
4. Set pkr @ 4023'KB. Rigged down pulling unit.
5. Tested casing to 500 psig for 15 mins - held OK (copy of chart attached).
6. Installed a 750 bbl fiberglass water tank, a 300 bbl fiberglass overflow tank, a triplex pump w/electric motor and control panel, & power lines.

Requirements to inject water as per NMOCD, Case No. 9972

Order No. R-9240

Page No. 4 (see attached).

(Paragraph 4)

- (1) Cavalcade "21" Fed. Well No. 1 - Jerry Sexton (Supervisor of NMOCD Hobbs District Office) has agreed with Anadarko that this well is satisfactorily cemented (as required by Order No. R-9240) to allow Anadarko to commence water injection into Cavalcade "21" Well No. 4.

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

Signed

Jerry E. Suckles

Title

Area Supervisor

Date

12/12/90

(This space for Federal or State office use)

Approved by

Title

Date

12-27-90

Conditions of approval, if any:

(Paragraph 4 - cont.)

- (2) Cavalcade "21" Fed. Well No. 3 - the NMOC D required cement across injection zone. A subsequent cement bond log showed adequate cement across injection zone. Jerry Sexton then approved this well having cement in a satisfactory manner to allow injection into Cavalcade "21" Well No. 4 (as per Order No. R-9240).

A Subsequent Sundry Notice and a copy of cement bond log was sent to BLM.

(Paragraph 5)

Bennett Federal #4 (formerly Federal Q #4) - shall remain on pump (as per Order No. R-9240) as long as water is injected into Cavalcade "21" Well No. 4.

*Jerry Sexton (Supervisor of NMOC D Hobbs District Office) agreed that all requirements of Order No. R-9240 have been met. He gave verbal approval on 12/04/90 to commence water injection into Cavalcade "21" Well No. 4. Water injection began on 12/11/90.

CASE NO. 9972
Order No. R-9240
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(17) The project should be designated the Cavalcade Queen Pressure Maintenance Project.

(18) The application should be approved and the project should be governed by the provisions of Rules 701 through 708 of the Oil Conservation Division Rules and Regulations.

IT IS THEREFORE ORDERED THAT:

(1) The applicant, Gary L. Bennett, is hereby authorized to institute a pressure maintenance project on its Cavalcade Federal "21" Lease comprising the E/2 SW/4 and SE/4 of Section 21, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico, by the injection of water into the Querecho Plains-Queen Associated Pool through the perforated interval from approximately 4088 feet to 4130 feet in its Cavalcade Federal "21" Well No. 4 located 400 feet from the South line and 660 feet from the East line (Unit P) of said Section 21.

(2) The project is hereby designated the Cavalcade Queen Pressure Maintenance Project.

(3) The project allowable shall be equal to top unit allowable for the Querecho Plains-Queen Associated Pool times the number of developed (production or injection) proration units within the project area.

(4) Prior to commencing injection operations, the applicant shall be required to perform remedial cement operations and remedial plug back operations on the Cavalcade Federal "21" Well Nos. 1 and 3 located, respectively, 660 feet from the South line and 1650 feet from the East line (Unit O), and 1980 feet from the South line and 660 feet from the East line (Unit I), both in said Section 21, in a manner satisfactory to the supervisor of the Division's Hobbs district office.

(5) The applicant shall further be required, as long as pressure maintenance operations are being conducted, to produce its Federal "Q" Well No. 4, described in Finding No. (9) above, so as to draw down the pressure in the Queen formation.

