

Form 3160-2 RECEIVED
(June 1990)

NMOCD-Artesia

458

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

PO Box 130, Artesia, NM 88211-0130 (505) 677-2411

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

1980' FSL & 660' FWL
Sec. 31 T17S, R30E

FORM APPROVED

Budget Bureau No. 1004-0133

Expires: March 31, 1993

5. Lease Designation and Serial No.

LC-060524

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Federal JJ #2

9. API Well No.

30-015-20314

10. Field and Prod. or Exploratory Area

Square Lake-GB-SA

11. County or Parish, State

Eddy, NM

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 Temporarily Abandon
☐ Change of Mani
☐ 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.)

Note: This injection well failed the NMOCD Mechanical Integrity Test ran in March. Anadarko is currently studying this lease to see if we want to continue water flooding, plug and abandon or sale the lease. So at this time, we would like to temporarily abandon the well for a six month period as outlined in the method shown on the attached page. Tim Gum with the NMOCD and I have discussed this procedure and he has no problem with the outlined method for establishing casing integrity to protect the fresh water zone. Anadarko understands that it would lose it's injection permit on this well if it stays TA for a six month period. A decision on what action to take on this well should be made before the six month period is up.

RECEIVED

MAY 25 1995

OIL CON. DIV.
DIST. 2

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

Signed Tim Gum

Title Field Foreman

Date 05-17-95

(This space for Federal or State office use)

Approved by (ORIG. SGD.) JOE G. LARA
Conditions of approval, if any:

Title PETROLEUM ENGINEER

Date 5/22/95

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make in 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

Notice of Intent for the Federal JJ #2
Anadarko Petroleum Corporation
5-16-95
Page 2

1. RUPU. TOH with tbg and packer.
2. Set a CIBP within 100' of the top perf (see attached well bore diagram). Circulate casing with chemical water.
3. GIH with packer and establish where the casing leak is. Note: holes in casing should be shallow (300' to 600') based on other wells in this area that had leaks.
4. Do procedure "A" if leak is above the base of the salt section or procedure "B" if leak is below the base of the salt section.

A. GIH with packer on injection tbg and set packer approximately 50' below the casing leak. Run casing integrity test by putting 500# on tbg and casing below the packer for 15 minutes. RDPU and leave the packer set in this well to keep the casing integrity.

B. GIH with tbg open ended and spot 35' of cement of top of CIBP. Pull up and spot 100' of cement across the Queen formation top. TOH. GIH with packer and cement squeeze out holes in casing with enough cement to bring the cement top behind the casing up to the base of the salt. WOC. TOH with packer and test casing to 500# for 15 minutes. This would leave the well in shape to be P&A at a later time by setting the upper plugs or reactivate by drilling out. RDPU.

5. Well would be TA at this time and all the bradenhead valves would be left open and monitored to check for water flows.

Note: The BLM and the NMOCDC would be notified at least 24 hours before starting work on well.

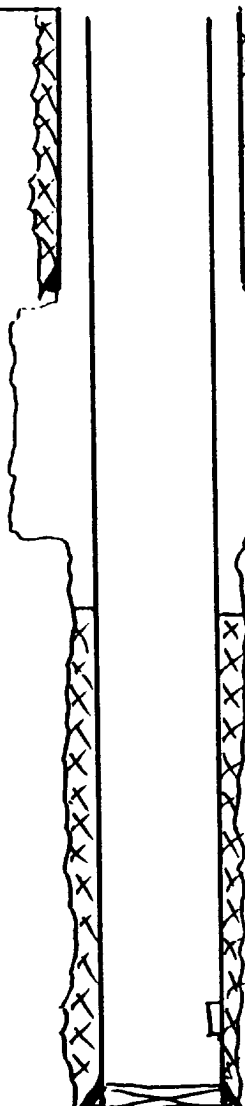
Elev = 3725'

Federal JJ #2

5/10/95

Have leak in casing.
Broke circulation to
surface up 85p' after
pumping 20 bbls

Had holes in casing in
1985 from 440' to 520'.
Replaced 803'.



8 5/8" @ 433' (200sx)
Top of salt @ 465'

Base of salt @ 1265'

calculated CT @ 1743'

Grayburg top @ 2662'

Perfs @ 2846' to 3084'

4 1/2" @ 3105' (250sx)

TD @ 3105'