

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION

Dra DD

Artesia, NM 88210

FORM APPROVED

Budget Bureau No. 1001 0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

LC-028936 D

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Federal L #2

9. API Well No.

30-015-04406

10. Field and Pool, or Exploratory Area

Loco Hills-Qn-GB-SA

11. County or Parish, State

Eddy, NM

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 (Footage, Sec., T., R., M., or Survey Description)

2310' FNL & ~~1210'~~ FWL  
Sec 31, T17S, R30E

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

☐ 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.)

Note: This injection well failed the NMOCDC Mechanical Integrity Test ran in May. This well has a known leak at the liner top that was detected in 1985 (Sundry Notice from 1985 is attached). Now we plan to isolate the leak using a straddle packer to get casing integrity as outline below. I have discussed this procedure with Tim Gum and Ray Smith of the NMOCDC in Artesia. They see no problem with this method to establish casing integrity. Well bore diagram is attached.

1. RUPU. TOH with tbq and packer.
2. GIH with a 4 1/2" Lockset packer and a 7" compression packer on 2 3/8" internally coated tubing. Circulate hole with chemical water.
3. Set the Lockset packer at approximately 2900' and the compression packer at approximately 2600'. Test the casing in accordance with NMOCDC rules for injection wells. By using a compression packer, we will be able to test down on top of it but it will allow fluid to leak from below it if get a leak in the tubing between the packers and the pressure below the compression packer lifts up on it and relaxes the seal rubber because of the large area on the 7" packer.

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

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

Signed

*Mr. Branswell*

Title

Field Foreman

Date

07-18-95

(This space for Federal or State office use)

(ORIG. SCD.) JOE G. LARA

Title

PETROLEUM ENGINEER

Date

8/9/95

Approved by  
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 Instruction on Reverse Side

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AUG 11 1995

OIL CON. DIV.

DIST. 2

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
OPERATIONS COPY

SUBMIT IN TRIPLICATE  
(Other instructions  
reverse side)

Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

LC 028936 D

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal L

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Loco Hills-Queen-G-SA

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

31 - 17S - 30E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ - Water Injection Well

2. NAME OF OPERATOR

Anadarko Petroleum Corporation

3. ADDRESS OF OPERATOR

P. O. Drawer 130, Artesia, New Mexico 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

2310' FNL & 1210' FWL  
1290

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, RT, GR, etc.)

3550' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PCLL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Check casing integrity

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

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

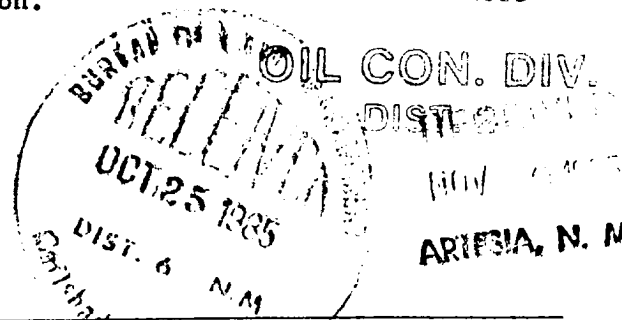
X

17. 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; tripped out of hole with tubing and packer.
2. Went in hole with packer and RBP.
3. Tested casing and found small leak at liner top (2645'). Pressured casing to 530#; lost 142# in 15 minutes and 220# in 30 minutes.  
Note: NMOCD approved well to be returned to injection as long as casing is tested yearly to check if leak is worse.
4. Tripped out of hole with packer and RBP.
5. Ran 4 1/2' injection packer on 2-3/8" plastic lined tubing; circulated hole with fresh water and chemical; set packer @ 2900' GL; tested casing and found leak as same.
6. Rigged down pulling unit; returned well to injection.

RECEIVED

AUG 11 1985



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

SIGNED

*Mike Bruner*

TITLE

Field Foreman

DATE

October 18, 1985

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD

DATE

OCT 31 1985

\*See Instructions on Reverse Side



Federal L \* 2

10-3-85



← Calculated cement top @ 368'

← Top of salt @ 520'

← 8 5/8" casing @ 600' (5000)

← Base of salt @ 1090'

← Calculated cement top at 1244'

← BOT plug-liner hanger @ 2634'

← Grayburg top @ 2672'

← 7" 20# casing @ 2687' (10000)

← Perf in Loco Hills from 2750-70. Cement squeezed with 125 sx in 1972.

← Perfs in Premier from 3002'-12'

← 4 1/2" liner from 2634 to 3027' (circulated cement)