

C/SF

Form 3160-5  
 (June 1990)

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

FORM APPROVED  
 Budget Bureau No. 1004-0135  
 Expires: March 31, 1993

5. Lease Designation and Serial No.  
 LC-028936-D

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
 Federal N #2

9. API Well No.  
 30-015-22664

10. Field and Pool, or Exploratory Area  
 GB-J-ON-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 proposal

RECEIVED

SUBMIT IN TRIPLICATE

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
 Anadarko Petroleum Corporation

3. Address and Telephone No.  
 PO Drawer 130, Artesia, NM 88211-0130 (505) 677-2411

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 660' FNL & 1980' FWL  
 Sec. 33, T17S, R30E

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 checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<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.)

1. RUPU. GIH with tbq to existing CIBP at 2943'. Circulate hole with salt gel mud.
2. Spot 37 sx Class C cement with 2% CaCl from 2943' up to 2400'. This plug covers Grayburg top and Queen top.
3. TOH. Perforate 4 squeeze holes at 1270' (100' below salt section). GIH with 4½" pker and cement squeeze with 35 sx Class C cement with 2% CaCl, leaving cement in and out of 4½" casing from 1270' up to 1140'. WOC. Tag top of plug. This plug isolates bottom of salt.
4. Perforate 4 squeeze holes at 550' (50' below 8 5/8" casing shoe and 40' above top of salt). Cement squeeze with 35 sx Class C cement with 2% CaCl, leaving cement in and out of 4½" casing from 550' up to 420'. WOC. Tag top of plug. This plug isolates top of salt and covers 8 5/8" casing shoe.
5. Perforate 4 squeeze holes at 50'. Circulate cement down 4½" and up 8 5/8" casing. This is the surface plug.
6. Cut off all casing and anchors below surface; set P&A marker; rip and reseed location.

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

Signed Mike Brunwell Title Field Foreman Date 08-31-94

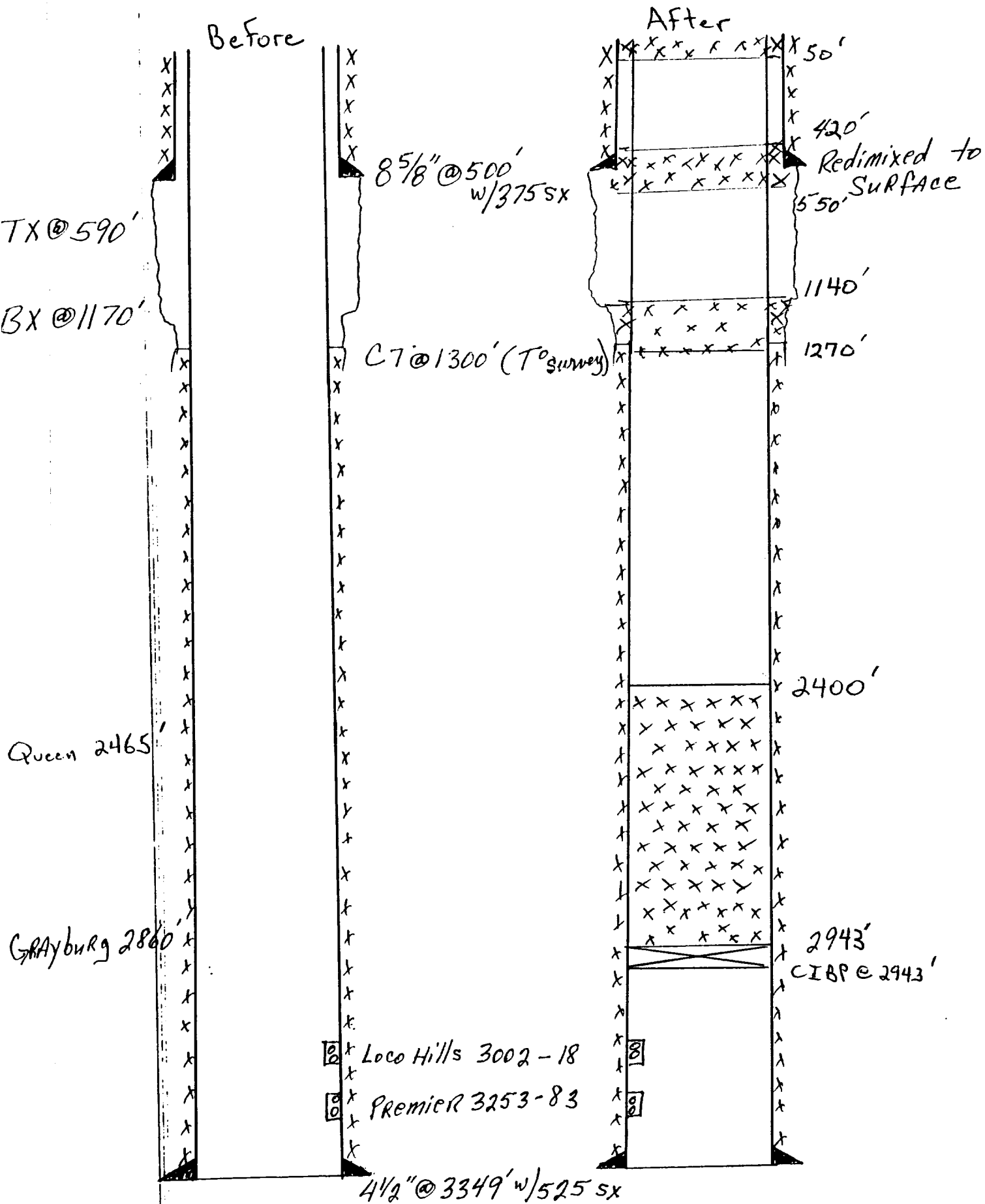
(This space for Federal or State office use)

(ORIG. SGD.) JOE G. LARA

Approved by See attached.

Title PETROLEUM ENGINEER Date 9/30/94

# Federal N #2



BUREAU OF LAND MANAGEMENT  
CARLSBAD RESOURCE AREA

Permanent Abandonment of Wells on Federal Lands

Conditions of Approval

1. Approval: Plugging operations shall commence within 90 days from the approval date of plugging procedure.
2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Eddy County call (505)887-6544 ; for wells in Lea County call (505) 393-3612.
3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet ; and a 5M system for a well not deeper than 22,727 feet.
4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks ( 50 pounds each ) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.
5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C" , for up to 7,500 feet of depth, mixed at 14.8 lbs./gal. with 6.3 gallons of fresh water per sack or class "H" , for deeper than 7,500 feet plugs, mixed at 16.4 lbs./gal. with 4.3 gallons of fresh water per sack.
6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).
7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

Following the submittal and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.