

Form 3160-5
 (June 1990)

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

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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.

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SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	AUG 30 '94
2. Name of Operator Mitchell Energy Corporation	O. C. D. ARTESIA, OFFICE
3. Address and Telephone No. P. O. Box 4000, The Woodlands, TX 77387-4000	(713) 377-5962
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2180' FSL & 660' FEL Section 7, T18S, R31E	

5. Lease Designation and Serial No. NM 33437A
6. If Indian, Allottee or Tribe Name NA
7. If Unit or CA, Agreement Designation NA
8. Well Name and No. Roche Federal No. 3
9. API Well No. 30-015-25928
10. Field and Pool, or Exploratory Area Shugart (Yates/Seven Rivers)
11. County or Parish, State Eddy County, NM

12. 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. Notify BLM 24 hours prior to beginning operations.
2. POOH laying down rods and pump.
3. ND wellhead and NU BOP
4. RIH w/2-7/8" tbg to 2550'. Circulate hole w/9.0 ppg mud.
5. Spot 160 sx cement plug from 2550'-1975'.
6. Pick up and WOC 4 hours. RIH and tag plug.
7. Pull uphole to 700'. Spot 45 sx cement plug from 700'-550'.
8. Pick up and WOC 4 hours. RIH and tag plug.
9. Pull uphole to 50'. Spot 15 sx cement plug from 50'-surface.
10. Cut off casing 3' below ground level, weld cap on casing, and erect P&A marker.

Note: All cement to be Class "C" (14.8 ppg, 6.3 gel/sack mix water, 1.32 ft³/ sack yield).

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AUG 5 1994

PRODUCTION
 REGULATORY AFFAIRS

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

Signed *Joe G. Lara* Title Staff Production Engineer Date 8-4-94

(This space for Federal or State office use)

(ORIG. SGD.) JOE G. LARA

Approved by PETROLEUM ENGINEER Title

Conditions of approval, if any: See attached.

Date 8/26/94

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.