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

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

5. Lease Designation and Serial No.
SF 078147

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

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

8. Well Name and No.
MOORE LS 3A

2. Name of Operator
AMOCO PRODUCTION COMPANY

Attention:
Dallas Kalahar

9. API Well No.
3004523289

3. Address and Telephone No.
P.O. Box 800, Denver, Colorado 80201

(303) 830-5129

10. Field and Pool, or Exploratory Area
BLanco Mesaverde

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1790' FSL 910' FEL Sec. 13 T 32N R 12W Unit I

11. County or Parish, State
San Juan New Mexico

12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE , REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other Bradenhead Repair	☐ 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.)*

Amoco Production Company intends to perform the attached workover procedure and Bradenhead Repair to eliminate Bradenhead pressure.

See attached for workover procedure.

In addition, Amoco also requests approval to construct a 15'x15'x5' blow pit for return fluids . This pit will be relcaimed if utilized, upon completion of this procedure.

If any questions, please contact Dallas Kalahar at 303-830-5129.

RECEIVED
DEC2 3 1993
OIL CON. DIV.
DIST. 3

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

Signed Dallas Kalahar Title Staff Business Analyst Date 12-09-1993

(This space for Federal or State office use)

Approved by _____ Title _____ Date APPROVED
Conditions of approval, if any: DEC 13 1993
DISTRICT MANAGER

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 Instructions on Reverse Side

WORKOVER PROCEDURE
MOORE LS 3A

December 7, 1993 (1st version)

1. Record TP, SICP, and SIBHP.
2. MIRUSU.
3. TOH with tubing.
4. TIH with RBP and set at 4700'.
5. Run a GR/CBL from 4700' to surface and determine top of cement for 7" casing and 4 1/2" liner. Verify that the PC, FT, and Ojo Alamo are isolated.
6. Pressure test casing and liner top to 500 psig. Locate leaks if necessary.
7. TIH with RBP and set within 100' of the TOC in the 7" casing, cap with sand.
8. Perf 2 squeeze holes within 100' of the TOC.
9. Establish circulation to surface, calculate annular volume with a dye, and pump 200% of annular volume of cement. Note returns to surface.
10. WOC.
11. Drill out cement to RBP.
12. Pressure test squeeze perfs to 500 psig.
13. Resqueeze until pressure test holds, and cement is to surface.
14. TOH with upper RBP.
15. Swab fluid level down to 4100' from surface.
16. TOH with lower RBP.
17. If several holes were shot in the 7" casing, contact office for the possibility of running 4 1/2" or 5 1/2" casing to the liner top.
18. Using lubricator, TIH with 3 1/8" casing gun and perforate the following intervals with 2 JSPF and 120 degree phasing. Perforation depths are correlated from Gearhart Owen's Compensated Density Log dated 79/05/09.

MV Perforations

4718' - 20'	4856' - 60'	4867' - 72'
4879' - 84'	4920' - 22'	4931' - 34'
4936' - 38'	4947' - 57'	4972' - 74'
4977' - 82'	4986' - 89'	4992' - 5002'
5012' - 14'	5381' - 94'	5398' - 5403'
5436' - 50'	5496' - 98'	5519' - 22'

19. Clean out to PBTD of 5807' with N2 and land 2 3/8" tubing at 5425'. Include a seating nipple one joint off bottom.
20. Tie well back into surface equipment and return to production.

Amoco Production Company

ENGINEERING CHART

Sheet No ____ Of ____
File ____
Appn ____
Date ____
By PAE

SUBJECT Moore LS 3A MV