

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.
Contract No. 124
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

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

7. If Unit or CA, Agreement Designation
AXI Apache "M"

2. Name of Operator

8. Well Name and No.

6A

3. Address and Telephone No.

9. API Well No.

10. Field and Pool, or Exploratory Area
Blanco Mesa Verde-PC

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

11. County or Parish, State

Rio Arriba, NM

1720' FSL & 1850' FWL
Sec. 14, T-25N, R-4W

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

TYPE OF SUBMISSION

TYPE OF ACTION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

- ☐ 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.)

An APD was approved for this well with the following casing program:

Hole	Casing	Weight	Depth	Sx Cement
12-1/4"	9-5/8"	36#	400'	220
8-3/4"	7"	20#	4500'	420
6-1/4"	4-1/2"	9.5#	4350-6200'	270

The intermediate 7" casing string was intended to be an optional stage, in the event that water flows or other unforeseen drilling problems required sealing off before reaching the target producing intervals. If no such significant drilling problems are encountered, approval is requested to continue the 8-3/4" hole to TD, set 5-1/2" casing to TD, and omit the additional 4-1/2" string. If this optional plan concerning the use of an intermediate casing string is exercised, the casing program would be as follows:

Hole	Casing	Weight	Depth	Sx Cement
12-1/4"	9-5/8"	36#	400'	220
8-3/4"	5-1/2"	15.5#	6200'	984

A detailed revised cementing program is attached.

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

Signed *[Signature]*

Title Sr. Conservation Coordinator

Date 10/8/92

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

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

AXI APACHE "M" No. 6A
SEC 14, T25N, R4W
RIO ARRIBA COUNTY, NEW MEXICO

NOTE: THIS DRILLING PLAN IS SUBMITTED AS THE PRIMARY PLAN FOR DRILLING THE "M" 6A WELL. THE 9-5/8" X 7" X 4-1/2" PROGRAM (EARLIER SUBMITTED AND APPROVED) WILL BE AN ALTERNATE PLAN IF LOST RETURNS ARE NOT MANAGEABLE IN THE 8-3/4" HOLE SECTION.

Conoco proposes to drill the "M" 6A well as a vertical hole to 6200'. The well will develop gas reserves in the Pictures Cliff and Mesa Verde formations.

The well plan calls for setting 9-5/8" casing at \pm 400'. Next an 8-3/4" hole will be drilled to \pm 6200' where 5-1/2" production casing is planned. The surface and bottom hole location and casing and cement program are planned as follows:

Surface & PBHL: 1720' FSL & 1650' FWL Sec. 14-25N-4W

Lost circulation is anticipated in the 8-3/4" hole section from 400' to 6200'. Lost circulation material will be maintained on location and a lost circulation pill will be pre-mixed as a measure to combat lost circulation. If losses are not controlled by these measures, a string of 7" intermediate pipe will be set @ \pm 4500' and the well plan will follow the drilling plan originally submitted and approved. Drilling the 8-3/4" hole allows this flexibility without requiring that hole opening be performed. Offset data indicates that many wells have been successfully drilled to TD without setting the intermediate casing.

PRIMARY CASING AND CEMENTING PROGRAM:

<u>Footage</u>	<u>Casing</u>	<u>Cement</u>
400'	9-5/8" 36#, K-55, ST&C	220 sxs Cl "G" + 2% CaCl 15.8 ppg, 1.15 cu. ft./sx
6200'	5-1/2" 15.5#, K-55, LT&C	Stage 1 - 236 sxs 35/65 Poz/Cl "G" + 6% Gel + 1% CaCl 12.4 ppg, 1.82 cu. ft./sx 163 sxs Cl "G" + .25 #/sx LCM 15.8 ppg, 1.15 cu. ft./sx

PRIMARY CASING AND CEMENTING PROGRAM CONTINUED:

Footage Casing

Cement

Stage 2 -
(DV tool @ \pm 3800')
448 sxs 35/65 Poz/C1 "G" +
6% Gel + 1% CaCl
12.4 ppg, 1.82 cu. ft./sx
137 sxs C1 "G" + .25 #/sx
LCM
15.8 ppg, 1.15 cu. ft./sx