Form 3 160-5 (June 1990)

# UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 3 1 ,1993

5. Lease Designation and Seriai No

CONT 151
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SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoiry of the such proposals.

. If Indian, Allonee or Tribe Name

Do not use this form for proposals to dr Use "APPLICATION FO	ill or to deepen or reentry to a different reservoiry R PERMIT—" for such proposals	Apache	
SUBMIT IN TRIPLICA TE		7. If Unit or CA, Agreement Designation	
1. Type of Well  Oil  Well  Gas  Well  Other  2. Name of Operator  CONOCO INC  CONOCO INC.  3. Address and Telephone No.  10 DESTA DR. STE. 100W, MIDLAND  4. Location of Well (Footage, Sec., T. R. M. or Survey Description 3)	scription)	8. Well Name and No.  AXI Apache K #4  9. API Well No.  30-039-82254  10 Blanco Picture Cliffs South, Blanco Mesaverde	
990' F	, T-26-N, R-5-W, M SL & 1027' FWL (s) TO INDICATE NATURE OF NOTICE, REPOR	RIO Arriba, NM	
TYPE OF SUBMISSION	TYPE OF ACTION	<del></del>	
Notice of Intent  Subsequent Repon  Final Abandonment Notice	Abandonment  Recompletion  Plugging Back  Casing Repair  Altering Casing  Other  Downhole Commingle	Change of Plans  New Construction  Non-Routine Fracrunng  Water Shut-Off  Conversion to Injection  Dispose Water  INole: Reponresults of multiple compition on Wdl  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.)\*

Conoco, Inc. proposes to downhole commingle the Pictured Cliffs and Mesaverde in this well using the attached procedure.



14. I hereby certify that the foregoing is true and correct	Kay Maddox		
Signed Madur	-Regulatory Agent	Date	June 2, 1999
(This space for Federal or State office use) Approved by Approved by	Lands and Mineral Resources	Date	JUN 1 4 1999
Conditions of approval if any:		•	

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM

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 junsdiction.



## Down Hole Commingle Procedure AXI Apache K 4

Objective:

To remove the tubing string and sliding sleeve asembly, drill up the permanent packer over the Mesa Verde, clean out any fill over the Mesa Verde, and install a single 2/3/8" tubing string with plunger lift.

#### Well Information:

Casing:

4 1/2" 10.5 lb/ft to 5310' and 11.6 lb/ft to 6150'

Capacity - .01594 and .01554 bbls/ft

Drift diameter 3.927" and 3.875"

**PBTD 6115**°

**Current Tubing:** 

2 3/8" 1.996" ID run to 5340'

Capacity - .00387 bbls/ft or .1626 gals/ft

Baker Model D Packer at 5335'

Proposed Tubing:

2 3/8" to 6010'

Capacity - .00387 bbls/ft or .1626 gals/ft

Perforations:

Picture Cliffs 3772' - 3830'

Mesa Verde (Cliff House) 5436' – 5510' Mesa Verde (Point Lookout) 6002' – 6020'

#### Procedure:

- 1. Kill well with 1% KCl water if not already dead
- 2. Rig up pulling unit.
- 3. Install BOP
- 4. Pull and lay down 2 3/8" tubing string and sliding sleeve assembly.
- 5. RIH with 2 3/8" tubing, 3 7/8" mill and packer plucker.
- 6. Drill up upper part of Baker Model D permanent packer at 5335'
- 7. POOH with packer plucker and packer
- 8. RIH with bailer and clean out to at least 6020' (PBTD 6115')
- 9. RIH with 2 3/8" tubing to approx. 6010' with seating nipple for plunger lift installation.
- 10. Nipple down BOP and nipple up wellhead and plunger lift system for 2 3/8" tubing.
- 11. Connect to sales and swab well in.

### CONDITIONS OF APPROVAL FOR DOWNHOLE COMMINGLING

Operator Conoco Inc. Well Name Jic 151 AXI Apache K #4

- 1. The individual production zones will be tested every three years, or more often if production rates indicate a change to allocation factors, to verify that the allocation factors and methods remain proper.
- 2. Production from downhole commingled wells are to be reported with an alpha character, "C" (ie C1, C2, etc).
- 3. The following modifications to your downhole commingling program are to be made : none