

Form 3100-5  
(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.	Jicarilla Tribal 102
6. If Indian, Aborigine or Tribe Name	Jicarilla Apache
7. If Unit or CA, Agreement Designation	
8. Well Name and No.	Jicarilla Apache 102 #7E 1701
9. API Well No.	3003922453
10. Field and Pool, or Exploratory Area	Blanco MV/BS Mesa Gallup/Basin Dk
11. County or Parish, State	Rio Arriba New Mexico

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other
2. Name of Operator Amoco Production Company Attention: Patty Haefele
3. Address and Telephone No. P.O. Box 800, Denver, Colorado 80201 (303) 830-4988
4. Location of Well (Feetage, Sec., T., R., M., or Survey Description) 790 FNL 1065FWL Sec. 3 T 28N R 4W UNIT D

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 type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing and Downhole Commingle
	<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"/> Disposal Water

(Note: Report (S) 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 requests permission to recomplete to the Mesaverde horizon and to downhole commingle this well per the attached procedure.

Amoco will test the Mesaverde for 60-90 days; then downhole commingle the Dakota/Gallup/Mesaverde horizons.

RECEIVED  
MAIL ROOM  
FEB 14 1996  
PH 1:43  
BUREAU OF LAND MANAGEMENT, NM

APPROVED:  
FEB 14 1996 (ORIG. SGD.) ROBERT A. KENT  
MINERALS STAFF CHIEF for  
BUREAU OF LAND MANAGEMENT  
RIO PUERCO RESOURCE AREA

RECEIVED  
DEC - 7 1995  
OIL & GAS DIVISION

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

Signed Patty Haefele Title Staff Assistant Date 09-25-1995

(This space for Federal or State office use)

Approved by Robert Kent Title Staff Assistant Date OCT 10 1995

Conditions of approval, if any: RECEIVED Title Staff Assistant Date OCT 12 1995

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to provide false information to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

BLM CONDITIONS OF APPROVAL

Operator AMOCO PRODUCTION COMPANY Well Name JICARILLA APACHE 102 7E

Legal Location 790 ENL 1055 FWL Sec. 3 T. 26N R. 4W

Lease Number JIC 102

The following stipulations will apply to this well unless a particular Surface Managing Agency (SMA) or private surface owner has supplied to BLM and the operator a contradictory environmental stipulation. The failure of the operator to comply with these requirements may result in the assessments or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on the location during construction, drilling and reclamation activity.

An agreement between operator and fee land owner will take precedence over BLM surface stipulations unless (In reference to 43 CFR Part 3160) 1) BLM determines that operator's actions will affect adjacent Federal or Indian surface, or 2) operator does not maintain well area and lease premises in a workmanlike manner with due regard for safety, conservation and appearance, or 3) no such agreement exists, or 4) in the event of well abandonment, minimum Federal restoration requirements will be required.

1. Pits will be fenced during workover operation.
2. All disturbances will be kept on existing pad.
3. Remove all hydrocarbons from temporary pit prior to closure.
4. Workover fluids will be contained in a lined pit or frac tank.
5. Since cement did not circulate to the surface originally, top of cement will be determined from a CBL. The cement must cover the interval from 5550' - 6300'.

Well Name: Jicarilla Apache 102-7E

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1. Gauge and record pressures for bradenhead, casing, and tubing.
2. Unseat and pull 2-3/8" tubing.
3. Mill up packer @ 8006'.
4. CO wellbore utilizing the air package to PBTD of 8385'. Sweep wellbore clean.
5. Set CIBP @ 6350'. Cap with 10' of sand, bringing sand up to 6340'.
6. Run CBL from 6340' to surface. Identify top of cmt. Cmt needs to cover the Mesaverde recompletion section from 5600' - 6300'.
7. Cmt squeeze work will be done if necessary.
8. Perforate with 4 JSPF at:

5656' - 5664'	08'
5714' - 5736'	22'
5756' - 5786'	<u>30'</u>
	60' Total Cliff House
6122' - 6142'	20'
6152' - 6164'	12'
6172' - 6184'	12'
6194' - 6208'	<u>14'</u>
	58' Total Pt Lookout
9. Fracture stimulate with N2 and 160,000 pounds of 20/40 sand.
10. Flow well to clean up for 3 days.
11. CO wellbore to 6300'.
12. Hang 2-3/8" tubing with intake @ 5650'.
13. Produce the MV zone until production stabilizes (for 60 - 90 days). Keep the Dakota and Gallup zones isolated during this time frame.
14. Drill up CIBP set @ 6350'.
15. CO to PBTD of 8385'.
16. Land 2-3/8" tubing with intake @ 8354'. Set plunger stop and spring in SN.
17. Return to production DK, GP, and MV with all 3 zones DHC. Produce with plunger lift.

# SJOET Well Work Procedure

Well Name: Jicarilla Apache 102-7E  
Version: #1  
Date: September 25, 1995  
Budget: Jicarilla Recompletion  
Repair Type: Recompletion

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## Objectives:

1. The well number will change from the #7E to the #7M after the Mesaverde completion is deemed successful.
  2. Recomplete the Point Lookout and Cliff House zones of the Mesaverde formation. After the MV production has stabilized downhole commingle and produce the Dk, GP, and MV zones all together.
  - 3.
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## Pertinent Information:

Location:	D03-26N-04W	Horizon:	MV
County:	Rio Arriba	API #:	3003922453
State:	New Mexico	Engr:	Steve Smethie
Lease:	290454	Phone:	H--(303)770-2180
Well Flac:	842304		W-(303)830-5892

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## Economic Information:

APC WI:	100%	Prod. Before Repair:	0 MCFD
Estimated Cost:	\$150,000	Anticipated Prod.:	250 MCFD
Payout:	2.8 yr		
Max Cost -12 Mo. P.O.			
PV15:	\$M		
Max Cost PV15:	\$M		

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Note: Economics will be run on all projects that have a payout exceeding ONE year.

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## Formation Tops: (Estimated formation tops)

Nacimiento:		Manafee:	
Ojo Alamo:	3609	Point Lookout:	
Kirtland Shale:	3773	Mancos Shale:	
Fruitland:	3878	Gallup:	
Pictured Cliffs:	3929	Graneros:	8144
Lewis Shale:		Dakota:	8286
Cliff House:	4913	Morrison:	

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## Bradenhead Test Information:

Test Date:	6/4/95	Tubing:	560	Casing:	560	BH:	0
Time	BH	CSG	INT	CSG			
5 min	0	560					
10 min							
15 min							

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Comments: