

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. <b>SF-078513</b>
2. Name of Operator <b>Amoco Production Company</b>		6. If Indian, Allottee or Tribe Name
Attention: <b>Patty Haefe</b>		7. If Unit or CA, Agreement Designation
3. Address and Telephone No. <b>P.O. Box 800, Denver, Colorado 80201</b>		8. Well Name and No. <b>Arnaud A 4</b>
<b>(303) 830-4988</b>		9. API Well No. <b>3004528682</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1180' FNL 1100' FEL Sec. 20 T 32N R 9W Unit A</b>		10. Field and Pool, or Exploratory Area <b>Undes. Pictured Cliffs</b>
		11. County or Parish, State <b>San Juan New Mexico</b>

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"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <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.)\*

Amoco Production Company requests permission to plug and abandon the subject well per the attached procedure.

RECEIVED  
AUG 10 1995  
OIL CON. DIV.  
DIST. 3

RECEIVED  
BLM  
AUG 08 1995  
170 TRANSMISSION UNIT

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

Signed <u>Patty Haefe</u>	Title <u>Staff Assistant</u>	Date <u>07-27-1995</u>
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(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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.

APPROVED  
AUG 08 1995  
DISTRICT MANAGER

# SJOET Well Work Procedure

## Arnaud A #4

Version: #1  
Date: July 27, 1995  
Budget: DRA  
Repair Type: PXA

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### Objectives:

1. To PXA the entire well  
Reason: Not capable of producing in paying quantities
- 

### Pertinent Information:

Location:	1180' FNL 1100' FEL Sec 20 T 32N R 9W	Horizon:	PC
County:	San Juan	API #:	300452868200
State:	New Mexico	Engr:	Wyett/Kutas
Lease:	BLM SF-078513	Phone:	H--(303)-368-7795
Well Flac:	706876		W-(303)-830-5578
			P--(303)

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### Economic Information:

APC WI: .25  
Estimated Cost: \$18,000.00

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### Formation Tops: (Estimated formation tops)

Nacimiento:	794	Menefee:	
Ojo Alamo:	2121	Point Lookout:	
Kirtland Shale:	2183	Mancos Shale:	
Fruitland:	3257	Gallup:	
Pictured Cliffs:	3652	Graneros:	
Lewis Shale:	3822	Dakota:	
Cliff House:		Morrison:	

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### Bradenhead Test Information:

Test Date:	Tubing:	Casing:	BH
Time	BH	CSG	INT
5 min			
10 min			
15 min			

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Comments:

**Arnaud A #4**

**Orig. Comp. 12/92**

**TD = 3932', PBTD = 3900'**

**Page 2 of 2**

1. Check location for anchors. Install if necessary. Test anchors.
2. MIRUSU. Blow down well. Kill if necessary with fresh water. NDWH. NUBOP.
3. POOH with 2 1/4" tbg. RIH with tbg and cement retainer. Set retainer at 3600'. Test casing integrity to 500#. Run short string CBL. Squeeze perms at 3655' to 3770' with 100 cuft cement). Pull out of retainer and spot cement plug to 3200' with 103 cuft of cement. Pull up hole and spot cement plug from 2171' to 2071' ( 34 cuft cement) and 846' to 746' (34 cuft).
4. RIH with perfing gun and shoot squeeze holes at TOC' and circulate to surface (estimate 27 cuft cement.) Pull out of hole and displace cement inside of csg to surface. ( 47 cuft cement)
5. NDBOP. Cut off casing and wellhead. Install PXA marker according to BLM or State requirements.
6. Contact FMC and ship surface equipment to yard or other location per instructions.
7. Turn over to John Schwartz for reclamation.
8. Rehabilitate location according to BLM or State requirements.

ARNAUD A #4  
LOCATION - 20 - 32N - 9W  
SINGLE PC  
ORIG. COMPLETION - 12/92  
LAST FILE UPDATE - 6/95 BY CSW

95  
2341

DOT OF 4.5 IN OD CEA 3823  
W/ 175 SKS  
CIR TO SURFACE

FLAT 3238

PC AT 3652

PC--4JSPT PERF 3655-3774  
3660-3770

DOT OF 2.250 IN OD TBG AT 3710

PBTD AT 3900 FT.

FILENAME:  
04528662

TOTAL DEPTH 3932 FT.

DOT OF 4.5 IN OD CEA 3823  
W/ 175 SKS  
TUC 150

To: Carolanne Wyett

From: Chip Harraden  
Geologist

Date Fax Sent: 7/19/95

FAX #: 303-820-4777

Farmington Dist. Off - BLM  
Phone: 505-599-6361

4 of 4

Here are the formation tops for the Arnold A#4 well.

San Jose Surf

Nacimiento 794'

Oja Alamo 2121'

Kirtland 2183'

Fruitland 3257'

Pictured Cliffs 3652'

Lewis 3822'

Chacra

Cliff House

Menefee

Point Lookout

Manco

Gallup

Dakota

Morrison

Carolanne,

-Will need Nacimiento plug in this well.

Thanks,  
Chip