

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different poster pair  
Use "APPLICATION FOR PERMIT - " for such proposals

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.

SF 079043

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Northeast Blanco Unit #308

9. API Well No.

3004528985

10. Field and Pool, or Exploratory Area

Gallup

11. County or Parish, State

San Juan New Mexico

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

2. Name of Operator

Amoco Production Company

Attention:

Bob Wilbanks Rm 1265C

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

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

1070FNL 1025FEL Sec. 33 T 31N R 7W

12. 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 Demand Letter

- ☐ 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 : ones pertinent to this work.)\*

Attached is a copy of the Demand letter your office sent on March 21, 1995 along with an approved Sundry notice giving Amoco until September 1, 1995 to complete the testing of the Gallup Formation.

By copy of this Sundry we are requesting an additional 90 days to complete the work. Enclosed is a copy of the workover procedures along with a draft copy of letters we plan to send to the non-operators for their approval. We plan to AFE partners in the next week and should have responses thirty days later. Then we will schedule the work in the 4th Quarter depending on our Rig Schedule.

Pending the results of the test Amoco will decide to produce the Gallup or Plug and abandon the well.

Should you have questions please contact me at (303) 830-5066.

This approval will expire December 4, 1995

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

Signed

Title

Business Analyst

Date

08-30-1995

(This space for Federal or State office use)

Approved by

Title

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 statement or representations as to any matter within its jurisdiction.

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

RECEIVED  
BLM MAIL ROOM  
95 SEP -5 PM 2:36  
070 FARMINGTON, NM

5. Lease Designation and Serial No.

SF-079043

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

North East Blanco Unit #308

9. API Well No.

3004528985

10. Field and Pool, or Exploratory Area

Basin Dakota

11. County or Parish, State

San Juan New Mexico

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

2. Name of Operator

Amoco Production Company

Attention:

Bob Wilbanks, Rm 1908

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

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

1070 FNL 1025 FEL Sec. 33 T 31N R 07W

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plane
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Demand Letter	<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.)\*

Attached is a Demand letter which we received from your office dated March 21, 1995. Amoco is currently evaluating the Gallup formation. Current plans are to solicit partners for their approval to test. Pending the results Amoco will decide to produce the Gallup or Plug and abandon the well. To accomplish this work we are requesting an extension until September 1, 1995.

Should you have questions please contact me at (303) 830-5066.

CC: Blackwood & Nichols

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

Signed

*Bob Wilbanks*

Title

*Business Analyst*

Date

*4-14-95*

(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.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Farmington District Office  
1235 La Plara Highway  
Farmington, New Mexico 87401

IN REPLY REFER TO:  
NMSF-079043 et al. (WC)  
3162.3-2 (07337)

CERTIFIED--RETURN RECEIPT REQUESTED  
Z 082 203 683

MAR 16 1995

Amoco Production Company  
Attn: Ms. Patty Haeefe  
P.O. Box 800  
Denver, CO 80201

Dear Ms. Patty Haeefe:

Reference is made to well No. 308 Northeast Blanco Unit, 1070' FNL & 1025' FEL, Sec. 33, T. 31 N., R. 7 W., Lease NMSF079043, San Juan, New Mexico. This well was temporarily abandoned December 12, 1993. To date, we have not received your plans for the well. You are required to submit your plans for the above-mentioned well. Such plans are to include permanent plug and abandonment procedure or conditioning the well to a useful purpose. Said plans are also to include a reasonable time frame for the accomplishment of this work.

You have 30 days to comply with this order. The 30 days commences upon receipt of the letter or seven days from the date it is mailed, whichever is less. Failure to comply within the 30 days will result in strict enforcement of 43 CFR 3163.1.

Under provisions of 43 CFR 3165.3, you may request an Administrative Review of the orders described above. Such requests, including all supporting documents, must be filed in writing within 20 business days of receipt of this notice and must be filed with the State Director, Bureau of Land Management, P. O. Box 27115, Santa Fe, New Mexico 87502-7115. Such requests shall not result in a suspension of the orders unless the reviewing official so determines. Procedures governing appeals from instructions, orders or decisions are contained in 43 CFR 3165.4 and 43 CFR 4.400 *et seq.*

If you have any questions, please contact Wayne Townsend with this office at (505) 599-6359.

Sincerely,

Ken Townsend  
Chief, Branch of Drilling and Production

SRBU  
RECEIVED

MAR 21 1995

ADMINISTRATIVE GROUP



RECEIVED  
RUM MAIL ROOM  
15 SEP -5 PM 2:36  
070 FARMINGTON, NM

Southern

Rockies

Business

Unit

August 31, 1995

**NIOBRARA WORKING INTEREST OWNERS**  
**Northeast Blanco Unit**

**Re: NORTHEAST BLANCO UNIT #308**  
**Test the Niobrara Formation**  
**Sec 33-T31N-R7W**  
**San Juan County, NM**

For Your consideration and approval, a copy of our AFE for the testing of the subject well is attached. Please indicate your approval in the space provided and return within 30 days to Bob Wilbanks, MC 1265C, at the address shown below.

A review of the AFE will provide details of our proposal; however, should additional assistance be required, please contact myself at (303) 830-5066 or the project engineer Robert DeHerrera at (303) 830-4946.

Amoco greatly appreciates your prompt consideration of this matter.

Bob Wilbanks  
Business Analyst

Attachments

**Niobrara Working Interest Owners**

Blackwood & Nichols  
P.O. Box 1237  
Durango, CO 81302

Attn: Mark Manson

Devon Energy Corporation  
20 N. Broadway, Suite 1500  
Oklahoma City, OK 73102-9951

Attn: Bill Penhall

Frank Davis

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Deztech

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Meridian Oil Inc.  
3535 E. 30th  
Farmington, NM 87499

Attn: David Valdez

NORTHEAST BLANCO UNIT #308  
Test the Niobrara Formation  
Sec 33-T31N-R7W  
San Juan County, NM

## WORK JUSTIFICATION

### History

The NEBU #308 was drilled September 1993 by Amoco as a Dakota test well. The Dakota Formation was found to be non-productive. The wellbore is temporally abandoned and the Dakota Formation has been P&A'ed.

While drilling we encountered a minor drill break going from 2 to 1 min/ft and picked up 960 units of gas. At this point we SI the well to gain control going from 8.6# to 9.1# mud wt. Over the next 250' we continued to mud up to 9.8#. As we approached the DK we backed off to 9.4# mud and picked up 2240 units of gas. Therefore, potential may exist in this horizon and for limited funds we can test.

### Work

Amoco proposes funds of \$34,000 gross to perf and acidize this zone, followed by a flow test to get a feel for any limitations to this fracture system.

### Wellbore cost allocation

In addition to the cost of the workover the Niobrara Working Interest Owners will be responsible for their share of the cost to drill to the Niobrara Formation. As outlined in Article 16 (Drilling of Additional Wells) of the Unit Operating Agreement the cost of the well shall be determined by a "Special Agreement" between the parties.

Amoco proposes the following cost allocation for determining the costs to drill to the Niobrara.

Actual Cost to Dakota:	\$679,034
Less Dakota Drilling Cost	44,342
Less Dakota Logging Cost	8,575
Less Dakota Casing Cost	1,992
Salvage Adjustment (Less):	<u>50%</u>
Gross Niobrara Costs:	\$312,063

In summary total gross cost equal your working interest percentage of the wellbore cost allocation plus the workover totaling \$346,063.

# Recompletion Authorization

Property - NORTHEAST BLANCO UNIT /GF/, Well# 308A33

SAN JUAN County, NM

Property FLAC - 188594

Well FLAC - 710342

Operating Field - BASIN-DAKOTA-GAS

Well Type - Gas

Amoco Production Company

Operator: AMOCO PRODUCTION COMPANY  
API#: 3004528985

Operations Center: SAN JUAN OC  
AMOCO's Interest: 0.5000000

LPN#: 079798ZI-  
Contract#: 021569

Comments to Partners: Amoco proposes funds of \$34,000 gross to perf and acidize this zone, followed by a flow test to get a feel for any limitations to this fracture system. The NEBU #308 was drilled September 1993 as a Dakota test well. The Dakota Formation was found to be non-productive. The wellbore is temporarily abandoned and the Dakota Formation has been P&A'ed.

Targets - Total Depth: 8172  
Horizon  
Gallup  
Reg. Field  
BASIN-DAKOTA-GAS  
Target Depth  
0

Completion: Single

Surface Location: Sec. 33 T33N R7W

Cost Summary (Development)	Gross Dry Hole	Gross Completion
Drilling Intangibles		
Drilling Cost: .....	\$0	\$312,063
Day Work: .....	\$0	\$10,000
Location: .....	\$0	\$0
Survey: .....	\$0	\$0
Mud: .....	\$0	\$0
Stimulation: .....	\$0	\$4,000
Other: .....	\$0	\$7,000
Total Intangible: .....	\$0	\$333,063
Well Equipment - Tangibles		
Casing: .....	\$0	\$0
Tubing: .....	\$0	\$13,000
Wellhead: .....	\$0	\$0
Other: .....	\$0	\$0
Total Tangible: .....	\$0	\$13,000
Contingency: .....	\$0	\$0
Associated Production Facility: .....		\$0
Direct Production Facility: .....		\$0
Total This Request: .....	\$0	\$346,063
Previous Estimate: .....	\$0	\$0
Total to Date Estimate: .....	\$0	\$346,063

Cost Summary (Exploration)	Net Dry Hole	Net Completion	Gross Dry Hole	Gross Completion
Drilling Cost: .....			\$0	\$0
Day Work: .....			\$0	\$0
Location: .....			\$0	\$0
Survey: .....			\$0	\$0
Mud: .....			\$0	\$0
Stimulation: .....			\$0	\$0
Other: .....			\$0	\$0
Total Intangible: .....			\$0	\$0
Well Equipment - Tangibles				
Casing: .....			\$0	\$0
Tubing: .....			\$0	\$0
Wellhead: .....			\$0	\$0
Other: .....			\$0	\$0
Total Tangible: .....			\$0	\$0
Contingency: .....			\$0	\$0
Associated Production Facility: .....				\$0
Direct Production Facility: .....				\$0
Total This Request: .....			\$0	\$0
Previous Estimate: .....			\$0	\$0
Total to Date Estimate: .....			\$0	\$0

Notice to Non-Operator: Cost shown on this form are estimates only. Non-Operators should not consider these estimates as establishing any limit on the monies which will be required to perform the proposed operation.

Non-Operator: \_\_\_\_\_

By: \_\_\_\_\_ Date: \_\_\_\_\_

Contacts: Technical

Business

Well Name: NEBU No. 308

Location: sec 33-T31N-R07W, 1070' FNL \* 1025' FEL

County: San Juan

Field: Basin Dakota

API No. 30-045-28985

State: New Mexico

Well Flac 710342

**Casing Program:**

Casing Strin	Depth (ft.)	Hole Size (in.)	Casing Size (in.)	Casing Weigh (lb/ft.)	Casing Grad	Thread	TOC (ft.)	Stg tool, TOL (ft.)
Surface	395	17.50	13.375	61	J-55	8R, ST&C	Surface	NA
Intermediate	3742	12.25	9.625	36	J-55	8R, LT&C	Surface	2957
Protective	6705	8.75	7.000	23	J-55	8R, LT&C	2750	4504
Prod. Liner	8172	6.25	4.500	11.6	N-80	8R, LT&C	7735	6479
TD	8172							
PBTD	7932							
Elev., KB	6560							
Elev., GL	6545							

**Casing Properties:** (no safety margin included)

Casing Strin	Casing Weigh (lb/ft.)	Burst (psi.)	Collapse (psi.)	Joint St. (1000 lbs.)	Capacity (bbl/ft.)	Torque(ft. lbs.) Opt/Min/Max	Drift (in.)
Surface	61	3090	1540	595	0.1521	5950/4460/7440	12.359
Intermediate	36	3950	2020	453	0.0773	4530/3398/5663	8.765
Protective	23	4360	3270	313	0.0393	3130/2348/3913	6.241
Prod. Liner	11.6	7780	6350	223	0.0155	2280/1710/2850	3.875

**Objectives:**

- 1 Perforate the Niobrara underbalanced from 7520-50.
- 2 Flow test through a choke  
record choke size and back pressure  
obtain a water and gas sample
- 3 Perform mud acid treatment if no flow is present or rate is minimal  
attempt another flow test
- 4 Put well on production and MAKE \$MONEY\$

**Suggested Procedure:**

- 1 MIRUSU and install BOPs. Check and record bradenhead pressure.
- 2 Run a gauge ring and junk basket to verify PBTD @ 7932' and liner top @ 6479'.
- 3 Circ. hole clean w/ CTU and spot 2% KCl water over the Niobrara w/ fluid level @ 7400'.
- 4 RU wireline unit with packoff and lubricator.
- 5 Perforate the following intervals with 3-3/8" HCE, 32 gm charge w/ 90 deg ph. 2 SPF.  
7520' - 7550'  
( Shooting on depth w/ show on a mud log. Correlate with GR/CCL log dated 11/9/93.  
Call Greg Grotke @ (303)830-4079 if more information about the interval is needed.)
- 6 Flow the well back on a 1/4" choke for 24 hrs, recording back pressure and any fall off in pressure.
- 7 If Initial gas rate is less than 100mcfd then prep to acidize.



- 8 Pump 1500 gal 15% HF-HCl acid per Rancy Natvig's procedure.
- 9 Flow the well back on a 1/4" choke for 24 hrs, recording back pressure and any fall off in pressure.
- 10 If well does not flow, contact Carolanne wyett @ (303)830-5578 for P&A procedures.
- 11 If well is flowing more that 100 mcf/d, continue to test.
- 12 MIRUSU and TIH w/ 2-3/8" production string and land @ 7520'.
- 13 RDMOSU. Move in test sep and meter run, and flow at a constant rate recording pressure changes and times for 5 days.
- 14 SI well and send meter chart to Greg Grotke, rm 1225E, in Denver and Call Bob Wilbanks @ (303)830-5066 to prepare information to turn well over to B&N.