

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

5. Lease Serial No.  
NMSF078096

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.  
MUDGE /B/ 10A

2. Name of Operator  
AMOCO PRODUCTION COMPANY

Contact: (None Specified)

9. API Well No.  
30-045-22733-00-S1

3a. Address  
P. O. BOX 3092  
HOUSTON, TX 77253

3b. Phone No. (include area code)  
Ph: 281.366.4491

10. Field and Pool, or Exploratory  
BLANCO

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

Sec 9 T31N R11W Mer NWSE 1345FNL 0800FWL  
36.90958 N Lat, 107.99236 W Lon

11. County or Parish, and State  
SAN JUAN COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) 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"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> WRK
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Amoco Production Company request permission to Squeeze off the Cliffhouse perforations and return well to production through tubing as per the attached procedure.

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

**Electronic Submission #4166 verified by the BLM Well Information System  
For AMOCO PRODUCTION COMPANY, sent to the Farmington  
Committed to AFMSS for processing by Maurice Johnson on 05/15/2001 (01MXJ1848SE)**

Name (Printed/Typed) (None Specified)

Title

Signature

Date 05/10/2001

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By /s/ Jim Lovato

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

**Mudge B 10 A**  
**Well Work Procedure**

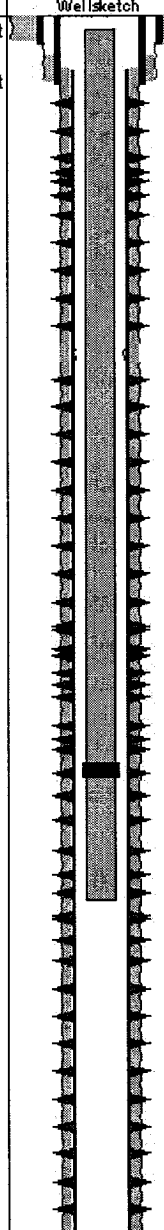
**ACTION:** Squeeze Cliffhouse perforations, return well to production through tubing.

1. Check anchors. Check and record tubing, casing, and Bradenhead pressures. Tag and flag valves and bleed flow line pressure to zero. MIRU workover rig.
2. Blow down wellhead. *If necessary, kill with 2% KCl water.*
3. ND Christmas tree & NU rig BOP's w/ pipe & blind rams. Pressure test to 500 psi.
4. TOH with tubing (2- 3/8", 4.7#, J-55, @ 5265').
5. Set cast iron bridge plug @ 4597' between bottom of Cliffhouse perms (4547') and top of Point Lookout perms (4929').
6. TIH with work string and packer @ 4276' (Top of Cliffhouse @ 4306').
7. Squeeze Cliffhouse perforations (198 shots; 2 jspf; 4306-4336, 4357-4360, 4412-4449, 4455-4462, 4470-4478, 4489-4491, 4500-4503, 4530-4532, 4540-4547) as per Schlumberger design.
8. TIH with bit and drill out cement to 4572'. Pressure test casing to 500 psi.
9. Drill out remaining cement and CIBP.
10. Cleanout to PBTD @ 5363'.
11. TIH with 2-3/8" production tubing and land tubing at +/- 5265'. Rabbit and RIH with tubing with an F-nipple and plug on bottom. Fill tubing while RIH and periodically pressure test to 500 psi. Replace any tubing joints that fail to pressure test. Swab water from the tubing using the sandline on the rig. RU slickline and run gauge ring to ensure the tubing drifts. Pull plug with slickline. Clean out to PBTD. Flow to cleanup tank.
12. Clean out to PBTD. Flow to cleanup tank.
13. ND BOP's. NU WH. Notify pumper that well is ready to be returned to production. Swab in well with sand line and flow back for a few hours on a

choke to ensure well is ready to produce and unloaded before turning well over to pumper to return to production.

# MUDGE B 10A

Country: UNITED STATES County: SAN JUAN Event: WELL SERVICE  
 Region: LOWER 48 & CANADA State: NEW MEXICO Event Start: 11/18/1994 Wellbore: OH  
 Bus. Unit: WESTERN US GAS Event End: 1/9/1995 Top TMD: 4,600.0 ft  
 Asset: SAN JUAN Bottom TMD: 4,604.0 ft  
 District: FARMINGTON Contractor: Big A Well Service Spud: 1/8/1978

Casing Components	Top	Wellsketch	Cement	Perforations
Casing, 7", 20#, K-55, ST+C 8 RND ST+C	0.00 ft/3,046.00 ft		0.0 - 228.0	
Casing, 4-1/2", 10.5#, J-55	883.00 ft/5,380.00 ft		2,883.0 - 5,380.0	2 ft - 4,306.00 ft - 4,336.00 ft 2 ft - 4,357.00 ft - 4,360.00 ft 2 ft - 4,413.00 ft - 4,459.00 ft 2 ft - 4,455.00 ft - 4,462.00 ft 2 ft - 4,470.00 ft - 4,478.00 ft 2 ft - 4,489.00 ft - 4,491.00 ft 2 ft - 4,500.00 ft - 4,503.00 ft 2 ft - 4,530.00 ft - 4,532.00 ft 2 ft - 4,540.00 ft - 4,547.00 ft 1 ft - 4,929.00 ft - 4,930.00 ft 1 ft - 4,939.00 ft - 4,940.00 ft 1 ft - 4,953.00 ft - 4,954.00 ft 1 ft - 4,957.00 ft - 4,959.00 ft 2 ft - 4,964.00 ft - 4,968.00 ft 1 ft - 4,969.00 ft - 4,970.00 ft 1 ft - 4,971.00 ft - 4,972.00 ft 1 ft - 4,973.00 ft - 4,974.00 ft 2 ft - 4,984.00 ft - 5,000.00 ft 1 ft - 4,988.00 ft - 4,989.00 ft 1 ft - 4,994.00 ft - 4,995.00 ft 1 ft - 4,999.00 ft - 5,000.00 ft 1 ft - 5,004.00 ft - 5,004.00 ft 2 ft - 5,010.00 ft - 5,020.00 ft 1 ft - 5,012.00 ft - 5,013.00 ft 1 ft - 5,018.00 ft - 5,019.00 ft 1 ft - 5,023.00 ft - 5,023.00 ft 2 ft - 5,030.00 ft - 5,035.00 ft 1 ft - 5,034.00 ft - 5,034.00 ft 2 ft - 5,042.00 ft - 5,054.00 ft 1 ft - 5,048.00 ft - 5,049.00 ft 1 ft - 5,057.00 ft - 5,058.00 ft 1 ft - 5,084.00 ft - 5,085.00 ft 1 ft - 5,111.00 ft - 5,112.00 ft 1 ft - 5,127.00 ft - 5,128.00 ft 1 ft - 5,146.00 ft - 5,147.00 ft 1 ft - 5,171.00 ft - 5,172.00 ft 1 ft - 5,201.00 ft - 5,202.00 ft 1 ft - 5,237.00 ft - 5,238.00 ft 1 ft - 5,264.00 ft - 5,265.00 ft 1 ft - 5,306.00 ft - 5,307.00 ft
			5,363.0 - 5,380.0	