

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. SF-078096
2. Name of Operator AMOCO PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 800, Denver, Colorado 80201 (303) 830-4040		7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1500 FSL 1820 FEL Sec. 09 T 31 ^N R 11 ^W		8. Well Name and No. MUDGE /B/ 1000 # 10A
		9. API Well No. 3004522733
		10. Field and Pool, or Exploratory Area BLANCO-PICTURED CLIFFS-GAS
		11. County or Parish, State SAN JUAN NEW MEXICO

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 checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other Bradenhead Repair <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.)
Please see attachment for procedures.

DEC 1 5 1993
OIL CON. DIV.
DIST. 3

If you have any questions, please contact Dallas Kalahar (303) 830-5129.

14. I hereby certify that the foregoing is true and correct	
Signed <u>Dallas Kalahar/DMT</u>	Title <u>Business Analyst</u>
(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, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.	

ACCEPTED FOR RECORD
DEC 06 1993
FARMINGTON DISTRICT OFFICE

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning

the use of this form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

SPECIFIC INSTRUCTIONS

Item 4 - If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 13 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones,

or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE - The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES:

- (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations.
- (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2)
- (3) Analyze future applications to drill or modify operations in light of data obtained and methods used.
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal, or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION - Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0135), Washington, D.C. 20503.

MUDGE /B/ #10A

MIRUSU. NDWH. NUBOP. TIH & TAG @ 5365'. TOH W/ PROD STRING 173 JTS, SN, 4' PERF PUP & 1 JT W/ FULL PLUG. TIH W/ SCRAPER TO 2883', 5320'. TOH. RIH W/ WLE. RAN GR-CCL LOG FROM 5312'-4580'. RIH. PERF MV FROM 4964'-4968', 4984'-5000', 5010'-5020', 5030'-5035', 5042'-5054' W/ 3-1/8" HCG W/ 2 JSPF 90° PHASED .45 HOLE. RD WLE. TIH W/ RBP & SET @ 4810'. PRS TST RBP TO 2000 PSI. OK. TOH. INSTALL FRAC VALVE. PRS TST TO 3500 PSI. OK. RU WLE. RIH & DUMP 5' SAND ON RBP @ 4810'. RAN CBL FROM 4800'-SURF UNDER 1000 PSI. TIH W/ TBG TO 3900'. DISP W/ 35000 SCF OF N2. BLED OFF N2. TOH W/ TBG. RU WLE. RIH & PERF MV FROM 4540'-4547', 4530'-4532', 4500'-4503', 4489'-4491', 4470'-4478', 4455'-4462', 4412'-4449', 4357'-4360', 4306'-4336' W/ 2 JSPF 90° PHASED .45 HOLE. TIH W/ TBG & COLLAR. TAG FILL @ 4515'. TOH. TIH W/ BAILER. CLEAN F/ 4515'-4555'. TOH. FRAC MV INTERVAL 4306'-4547'. PMP 15,000 GAL FAST WTR PAD W/ 65,000 GAL BORAGEL PAD W/ 50,000 GAL BORAGEL W/ 216000 # OF 12/20 SAND. RAMPED FROM 2# SAND TO 6# SAND. TIH W/ RBP & SET @ 2015'. CLEAN. PRS TST TO 2000 PSI. TOH. DUMP 2 SXS SAND ON RBP. ND BOP & FRAC VALVE. CHG OUT WH. PRS TST WH. NUBOP. RU WLE. RIH & PERF CSG @ 770' W/ 2 JSPF .45 HOLE. RD WLE. PMP DYE TST OF 53 BBLS. MIX 200 SXS OF CLASS B W/ 3% HALAD-344 W/ 5% CALSEAL W/ 2% CBL. CIRC 3 BBLS CMT TO SURF. TIH W/ BIT, COLLARS & 2-3/8" TBG. TAG CMT 620'. DRL CMT TO 785'. CLEAN. RD SWIVEL. PR TST CSG TO 500 PSI. OK. TOH. TIH RET HD FOR 7" PLUG. CIRC SAND OFF PLUG. REL. TOH W/ PLUG. CLEAN 4000'-4313'. PULL TBG TO 3780'. C/O TOP OF PLUG @ 4811'. REL PLUG. TOH. TIH W/ MULE SHOE, 1 JNT TBG, SEAT NIPPLE & TBG TO SURF. TAG FILL @ 5306'. C/O TO 5363' PBTD. LAND TBG @ 4300'. SWAB. TAG FILL @ 5348'. PULL UP & LAND TBG @ 5046'. NDBOPS. NUWH. RDMOSU.