

UNITED STATES  
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

Form approved.  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

|   |  |  |  |
|---|--|--|--|
| 1a. TYPE OF WORK<br><b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>   |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>SF-078051                                       |  |
| b. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> Other <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME   |  |
| 2. NAME OF OPERATOR<br>AMOCO PRODUCTION COMPANY<br>Attention: Gail M. Jefferson   |  | 7. UNIT AGREEMENT NAME   |  |
| 3. ADDRESS AND TELEPHONE NO.<br>P.O. BOX 800, DENVER, COLORADO 80201 (303) 830-6157   |  | 8. FARM OR LEASE NAME, WELL NO.<br>Neil A #8B  |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *)<br>At surface 2190' FNL 2030' FEL<br>At proposed prod. zone Unit G   |  | 9. API WELL NO.<br>30-045-29784  |  |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*<br>7 miles from the town of Aztec, New Mexico   |  | 10. FIELD AND POOL, OR WILDCAT<br>Blanco Mesaverde 72319                               |  |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any)   |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>G Section 4 Township 31N Range 11W |  |
| 16. NO. OF ACRES IN LEASE<br>2218.66  |  | 12. COUNTY OR PARISH<br>San Juan   |  |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL<br>E/ 309.31   |  | 13. STATE<br>New Mexico  |  |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.   |  | 20. ROTARY OR CABLE TOOLS  |  |
| 19. PROPOSED DEPTH<br>5579'   |  | 22. APPROX. DATE WORK WILL START*<br>10-01-1998  |  |
| 21. ELEVATIONS (Show whether DF, RT, GR., etc.)<br>5159' GL   |  |  |  |

| 23. PROPOSED CASING AND CEMENTING PROGRAM |                       |                 |               |                             |
|---|-----------------------|-----------------|---------------|-----------------------------|
| SIZE OF HOLE                              | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT          |
| 12.25"                                    | K-55 9.625            | 36#             | 250'          | 172 cu. ft. CI B to surface |
| 8.75"                                     | K-55 7.000            | 20#             | 3019'         | 810 cu. ft. CI B to surface |
| 6.25"                                     | K-55 4.500            | 10.5#           | 5579'         | 411 cu. ft. CI B to 2819'   |

Notice of Staking submitted as the Neil A #8B on 8/31/98.

Lease Description: T31N-R11W  
Sec. 4: Lots 5-12, S/2 (All)  
Sec. 14: W/2 NE/4, NW/4 SE/4, SE/4 SW/4, NW/4 SW/4, NW/4  
Sec. 15: NW/4, W/2 SW/4, NE/4, SE/4

T32N-R11W  
Sec. 33: All

containing 2218.66 acres, more or less.

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

RECEIVED  
JAN 15 1999  
OIL CON. DIV.  
DIST. 3

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Gail M. Jefferson TITLE Sr. Admin. Staff Asst. DATE 09-09-1998  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval 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.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 1/13/99

HOLD CLOSING FOR NSL

\*See Instructions On Reverse Side

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.

NLM

93 SEP 10 AM 10:15 ☐ AMENDED REPORT

**OIL CONSERVATION DIVISION**  
**PO Box 2088**  
**Santa Fe, NM 87504-2088**

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|                              |   |                      |                                 |  |
|------------------------------|---|----------------------|---------------------------------|--|
| 1 API Number<br>30-045-29784 |   | 2 Pool Code<br>72319 | 3 Pool Name<br>Blanco Mesaverde |  |
| 4 Property Code<br>24124     | 5 Property Name<br>NEIL A                   |                      | 6 Well Number<br># 8B           |  |
| 7 OGRID No.<br>000778        | 8 Operator Name<br>AMOCO PRODUCTION COMPANY |                      | 9 Elevation<br>6169             |  |



## 10 Surface Location

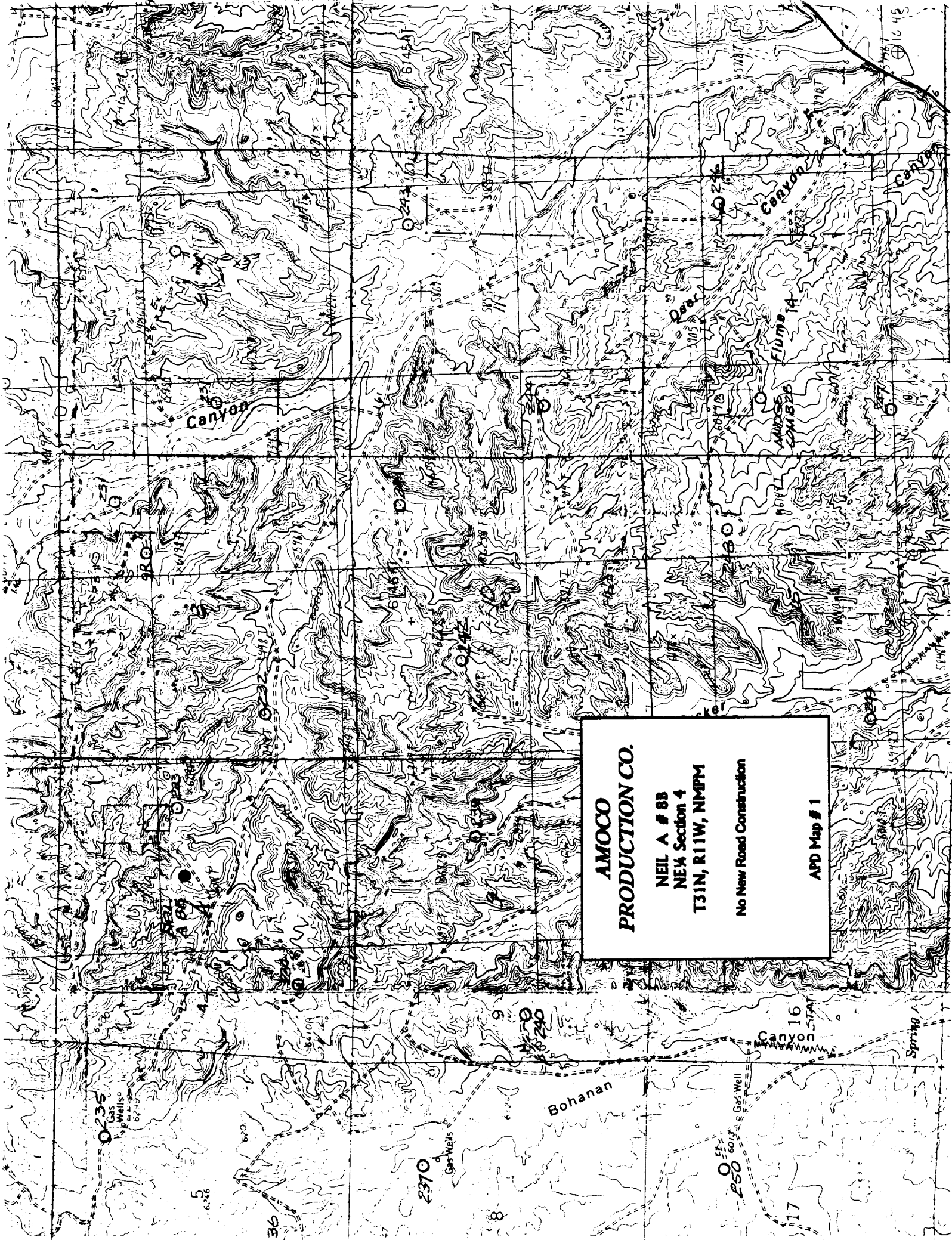
|               |         |          |       |         |               |                  |               |                |          |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| UL or Lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County   |
| G             | 4       | 31 N     | 11 W  |         | 2190          | NORTH            | 2030          | EAST           | SAN JUAN |

**" Bottom Hole Location If Different From Surface**

|   |                 |         |                 |       |                    |               |                  |               |                |        |
|---|-----------------|---------|-----------------|-------|--------------------|---------------|------------------|---------------|----------------|--------|
| 7 | UL or lot no.   | Section | Township        | Range | Lot Idn            | Feet from the | North/South line | Feet from the | East/West line | County |
| 8 | Dedicated Acres |         | Joint or Infill |       | Consolidation Code |               | Order No.        |               |                |        |
|   | 309.31          |         |                 |       |                    |               |                  |               |                |        |

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTEREST HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

|   |   |  |
|---|---|--|
| <p>1314' (R)</p> <p>Lot 8</p> <p>Lot 7</p> <p>Lot 6</p> <p>Lot 5</p> <p>1301' (R)</p> <p>Lot 12</p> <p>Lot 11</p> <p>Lot 10</p> <p>Lot 9</p> <p>Lot 8</p> <p>Lot 7</p> <p>Lot 6</p> <p>Lot 5</p> <p>Lot 4</p> <p>Lot 3</p> <p>Lot 2</p> <p>Lot 1</p> <p>2402' (R)</p> | <p>4902' (R)</p> <p>2190'</p> <p>419' ±</p> <p>2030'</p> <p>2591' (R)</p> | <h2 style="text-align: center;">OPERATOR CERTIFICATION</h2> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p style="text-align: center;"> <br/>       Signature     </p> <p style="text-align: center;">Gail M. Jefferson</p> <p style="text-align: center;">Printed Name</p> <p style="text-align: center;">Sr. Admin. Staff Asst.</p> <p style="text-align: center;">Title</p> <p style="text-align: center;">8/20/98</p> <p style="text-align: center;">Date</p>  |
| <p>RECEIVED</p> <p>JAN 15 1998</p> <p>OIL CON. DIV.</p> <p>DIST. 3</p>  |   | <h2 style="text-align: center;">SURVEYOR CERTIFICATION</h2> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p style="text-align: center;">August 4, 1998</p> <p style="text-align: center;">Date of Survey</p> <p style="text-align: center;">Signature and Seal of Registered Surveyor</p> <div style="text-align: center;">  </div> <p style="text-align: center;">7016</p> <p style="text-align: center;">Certificate Number</p> |



**AMOCO  
PRODUCTION CO.**

NEIL A # 8B  
NE 1/4 Section 4  
T31N, R11W, N14PM

No New Road Construction

APD Map # 1