

**NM OIL CONS. COMMISSION**  
**DRAWER DD**  
**ARTESIA, NM 88009**

Form 3160-5  
 (June 1990)

**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**

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

5. Lease Designation and Serial No.  
 NM-13624

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
 Avalon Federal #1

9. API Well No.  
 3001521814

10. Field and Pool, or Exploratory Area  
 Burton Flat, Morrow

11. County or Parish, State  
 Eddy, NM

**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.

**SUBMIT IN TRIPLICATE**

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

2. Name of Operator  
 Bonneville Fuels Corporation

3. Address and Telephone No.  
 1660 Lincoln, Suite 1800, Denver, CO 80264 (303) 863-1555

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 350' FEL, 803' FSL Sec 1 T21S R26E

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

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☒ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other  
☐ 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 zones pertinent to this work.)\*

6/28/93 MIRU Well service. Kill well w/4% KCL wtr. Tally out of hole w/255 jts 2 7/8" prod. tbgs. Ran 4 1/16" bit & 5 1/2" scraper to bottom @ 11,197'KB. PU 5 1/2" cmt retainer on 2 7/8" tbgs. Set retainer @ 11,102'KB. Squeezed perfs 11,120-11,166' w/ 50 sx neat cmt 15.6#/gal /fluid loss additives. Displaced cmt w/60 bbls water. Have 6 bbls cmt under retainer w/100 psi and 4 bbls cmt above retainer in tbgs. Drilled out cmt 8932' to 9561'. Ran dn to 11,100'. circ btms up. Pmp 8 bbls KCL. Pmp'd dn tbgs @ 4bpm @ 1000 psi for 45 min and dn annulus @ 2 BPM @ 1500 psi for 2 min, press 1000 psi after 4 min. Released press, installed TIW valve. 7/2/93 Set pkr @ 10,742'KB. Swabbed well. RU to acidize, pumped 2500 gal 7 1/2% HCL w/20 tons Co<sub>2</sub> plus 83 gal additives & 126 ball sealers. Flushed acid. RU 2" line to tank and flow and swab to clean up. 7/6/93 No pressure on tbgs, no fluid recovery, CP 20 psi. RDMO Well service. Shut well in for further evaluation.

*J. Lara*  
 3 1993

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

Signed

Title Engineering Technician

Date 7/14/93

(This space for Federal or State office use)

(ORIG. SGD.) **JOE G. LARA**

Title Petroleum Engineer

Date AUG 03 1993

Approved by  
 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.

\*See Instruction on Reverse Side