

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

5. Lease Designation and Serial No.  
NM-12028

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

COWSAROUND 21-1

9. API Well No.

30-045-28073

10. Field and Pool, or Exploratory Area  
BASIN (FRUITLAND COAL)

11. County or Parish, State

SAN JUAN, NM

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other COALBED METHANE

2. Name of Operator

J.K. EDWARDS ASSOCIATES, INC.

3. Address and Telephone No. 303/298-1400

1331-17TH STREET, SUITE 710, DENVER, COLORADO 80202

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

680' FNL, 680' FEL  
SECTION 21, T26N-R12W

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 FRAC  
☐ 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.)\*

FRAC DOWN 4.5" CASING AT 25 BPM AS FOLLOWS:

19,000 GALS	70 QUAL. FOAM	PAD
2,000 GALS	70 QUAL. FOAM	1/2 PPG. 20/40 SAND ARIZONA
5,000 GALS	70 QUAL. FOAM	1.0 PPG. 20/40 SAND ARIZONA
10,000 GALS	70 QUAL. FOAM	2.0 PPG. 20/40 SAND ARIZONA
2,000 GALS	70 QUAL. FOAM	2.5 PPG. 12/20 SAND BRADY

TOTAL FLUID 277 BBLs.

30,000 #'S SAND

MAXIMUM PRESSURE 2390 PSI, ISIP 980 PSI

RECEIVED  
MAY 3 1993  
OIL CON. DIV.  
DIST. 3

070 FARMINGTON, NM

05/03/93 11:23

RECEIVED  
ELM

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

Signed [Signature]

Title ANN L. FELDMAN

SECRETARY

Date 4/23/93

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

ACCEPTED FOR RECORD

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

NMOCD

FARMINGTON DISTRICT OFFICE

BY

smr