

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

**SUBMIT IN TRIPLICATE**

1 Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Mack Energy Corporation

3. Address and Telephone No.

P.O. Box 960, Artesia, NM 88211-0960

(505)748-1288

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

Sec 21 T16S R28E, 1980 FSL & 660 FEL

5. Lease Designation and Serial No.

NM-100844

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Elk 21 Federal #1

9. API Well No.

30-015-31824

10. Field and Pool, or Exploratory Area

Crow Flats Morrow

11. County or Parish, State

Eddy, NM

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

Completion

- ☐ 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)\*

07/30/2001 Drill out DV tool at 6057'.

08/01/2001 Pump 500 gals 15% HCL acid, and 4% KCL w/Packer fluid circ around, spot 10% Acetic Acid across perf interval

08/02/2001 Perforated at 9583.5-9598.5' (15') 60 holes 4 SPF.

08/04/2001 Nitrogen/Acid job, 2000 gals 10% HCl, 12 gals FE-270, 4 gal FE 271, 2 gal Inflow 150, 4 gal CI 27, 2 gal Clay master 5 C, 2 gal NE 940, 374 gal Methanol.

08/21/2001 Perforate 4 SPF at 9525-9527, 9534-9536, 9567-9570, 9609-9614, 9616-9626, 9632-9640, 120 holes 0.28" hole.

08/22/2001 2,000 gals 10% acid job and N/2 on new perfs. Flush w/70/30 quality N2 treated water.

09/01/2001 Pump binary frac job 270 bbls 40# gel w/41,000 # 20/40 Interprop sand from .5# to 2.5# w/423,000 SCF Nitrogen & 78 tons CO2.

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

Signed

*Curtis D. Galt*

Title

Production Analyst

Date

10/24/01

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

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