

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil & Gas Division

P.O. Box 1980  
Hobbs, NM 88241

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

Penwell Energy, Inc. (915) 683-2534

3. Address and Telephone No.

600 N. Marienfeld, Ste. 1100, Midland, Texas 79701

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

1980' FNL & 660' FEL, Section 23, T23S, R32E

5. Lease Designation and Serial No.

NM 96239

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Diamond Tail 23 Fed#2

9. API Well No.

30-025-33653

10. Field and Pool, or Exploratory Area

Diamondtail Bone Sprir

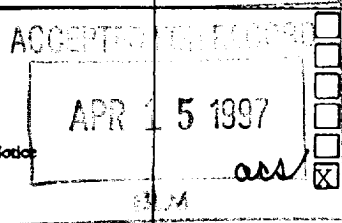
11. County or Parish, State

Lea, New Mexico

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 Spud & Casing Test  
☐ 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.)

- 12-9-96 Spudded 17 1/2" surface hole @ 9:15 AM MST  
12-11-96 Ran surface casing as follows: 14 jts. 13 3/8", 48#, H-40, 8rd, STC new API csg. set @ 579' and cemented w/300 sx of Cl. C Lite + 1/4#/sk + 5#/sk. gilsonite + 2% CaCl<sub>2</sub> mixed @ 12.4 ppg, yield 2.01 sq. ft/sk mixing water 10.73 gals/sk followed by 200 sks of Cl. C Neet + 2% CaCl<sub>2</sub> mixed @ 14.8 ppg., yield 1.34 sq ft/sk. Plug down to 537' @ 6:30 PM 12-10-96. Circulated 66 sx to surface. Tested o.k.  
12-22-96 Ran intermediate casing as follows: Ran 109 jts. 8 5/8" 8rd STC new API csg. Set @ 4,880'. Cmt'd w/ 200 sx of Cl C + .5% Versa-set + 5#/sx gilsonite + 1/4#/sx flocele followed by 1885 sx. of Cl. C Lite containing 5#/sx gilsonite + 1/4#/sk flocele + 12% salt mixed @ 12.4 ppg, yield 2.25 sq ft/sx. Followed by 200 sx of Cl. "C" Neet + 2% CaCl<sub>2</sub>. Plug down to 4,790' @ 9:00 AM CST 12-22-96. Circ'd 130 sx of cmt to the pit. Tested o.k.  
1-18-97 Ran production csg. as follows: 258 jts. 5 1/2" 17#, N-10, 8rd LTC new API csg. set @ 11,200'. Cmt'd 1st stage w/ 680 sx of Modified Super "H" containing .4% CFR-3 + 5#/sk. gilsonite + .5% Halad-344

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

Signed Brenda Coffey Title Regulatory Analyst

Date 4-11-97

(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

TOTAL P.01

Diamond Tail "23" Federal #2  
Page 2  
Sundry Notices

1-18-97 continued

Plug down to 11,155' @ 12:15 PM 1-17-97. Tested ok. Opened DV tool & circ'd 195 sx cmt to pit. Circ'd normal 4 hrs. between stages & had to wait additional 6 hrs. on Halliburton to deliver 2nd stage cmt. Cmt'd 2nd stage w/550 sx of C1 C Lite + 1/4#/sk flocele + 1#/sk gilsonite + 12% salt mixed @ 12.40#/gal., yield 2.25 sq. ft/sx. followed by 200 sx of modified super "H" mixed the same as 1st stage. Plug down to 7506' @ 11:00 PM 1-17-97. RIG RELEASED @ 3:00 AM CST 1-18-97.