

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ROSWELL, NM ~~NOT COPY~~  
P. O. BOX 1960  
HOBBS, NEW MEXICO 88240

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

Lease Designation and Serial No.  
NM-96239

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.

3. Address and Telephone No.

600 N. Marienfeld, Suite 1100, Midland, TX 79701, 915-683-2534

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

1980' FNL & 660' FEL, Sec. 23, T23S, R32E

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Diamondtail "23" Fed #2

9. API Well No.

30-025-33653

10. Field and Pool, or Exploratory Area

Diamondtail Bone Springs

11. County or Parish, State

Lea County, 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 \_\_\_\_\_
- ☐ 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.)

DIAMONDTAIL "23" FEDERAL #2

1. Run tbg. to 10,850'.  
2. Load hole with 250 bbls. gelled brine.  
3. Spot 30 sx. cement 10,575' - 10,850', across perfs 10,776' - 10,796'.  
4. Cut 5 1/2" csg. at free point and pull.  
5. Spot 30 sx. cement across csg. stub.  
6. Spot 30 sx. cement 530' - 630'.  
7. Spot 5 sx. cement ~~5-10'~~ minimum 50' surface plug.

8. Cut off wellhead and cap with 1/4" steel plate.

- \* Additional plugs:  
1. 180' cement plug 7636' - 7456'.  
2. 150' cement plug 4955' - 4805'.

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

Signed

*Russell L. Carlett*

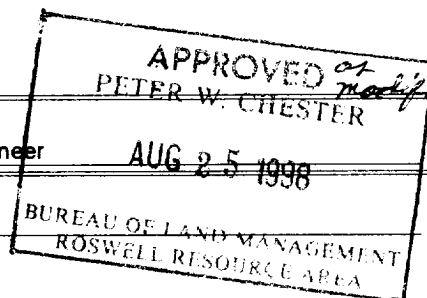
Title Engineer

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title



Date 07/29/98

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

RECEIVED  
1998 JUL 31 A 11:49  
BUREAU OF LAND MGMT.  
10335, NEW MEXICO

*Toy plug*

DIAMOND TAIL "23" , FEDERAL # 2

1980' FNL & 660' FEL SEC 23 T23S R32E  
LEA Co N.M.

DRILL 12/96 & 1/97

13 3/8" 48# H-40 @ 579' / CMT w/ 500 SK  
CMT CIRC.

579'

TAC 2100' (CALC'D)

8 5/8" 32# @ 4880' / CMT w/ 2285 SK CMT  
CMT CIRC.

4880'

DV TOOL @ 7506' / CMT w/ 750 SK.  
7506'

TAC @ 10554'

PERFS: 10776-10782 (12 SHOTS)  
(BONE SPRINGS)

PERFS: 10788-10796 (16 SHOTS)  
(BONE SPRINGS)

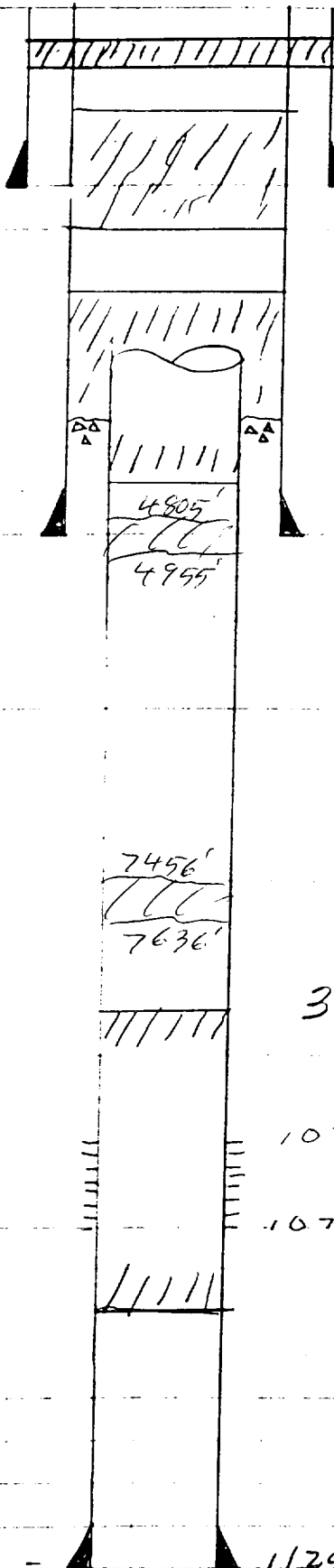
TBC: 339 JTS 2 7/8" L5# L-80 @ 10795'

5 1/2" 17# N-80 & 5-95 @ 11200' / CMT w/  
680 SK / CMT CIRC OFF DV TOOL

11155' FC

11200'

DIAMONDTAIL "23" FEDERAL # 2  
 19.0' FNL & 660' FEL SEC 23 T23S R32E  
 WEA CO N.M.  
 PROPOSED PLUGGED WELL BORE



5 5x CMT ~~31 15 1 1/2~~ 50'

30 5x CMT PLUG 530-630  
 579 13 3/4 @ 579

30 5x CMT 50' IN & 50' OUT OF STUB

TOC: 2100' ±

4880' 8 7/8 @ 4880

30 5x CMT PLUG 10575-10850

10776

PERFS 10776 --- 10796

10796

11200 5 1/2 @ 11200