

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Div.
311 S. 1st
Albuquerque, N.M. 87102

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

Designation and Serial No.
NM 86153

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Tomcat Federal "21" Com. #1

9. API Well No.

30-025-33356

10. Field and Pool, or Exploratory Area

North Triste Draw-Atoka Gas

11. County or Parish, State

Eddy

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, Ste. 1100, Midland, TX 79701, (915)683-2534

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

1890' FNL & 1880' FWL, Sec. 21, T23S, R32E

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

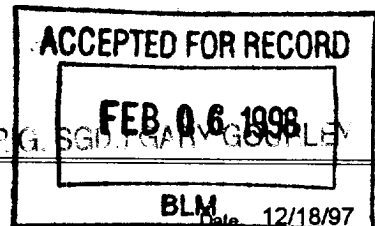
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other PAH-035-97

- ☐ 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.)*

12/14/96 Perf Morrow @ 15,166'-184', 187'-196' & 15,204'-211'.
12/18/96 MIRU Halliburton coiled tbq. unit. Stuck coil tbq.
12/19/96 Mix 220 gals. Beka Lube w/60 bbls 2% kcl. Pump down 1 1/4" coil tbq.
12/20/96 mix 165 gals Beka Lube w/47 bbls 2% kcl. Pump down 1 1/4" coil tbq.
12/21/96 RU 4 1/2" 400 ton elevators. Pull coil tbq. free.
12/22/96 RU coil tbq unit. Spot 200 gals 15% HCL across pers 15, 166'-211'.
12/23/96 Acidize w/5000 gals 7 1/2% NeFe & 500 SCFN2/bbl. Broke formation @ 4513 PSIG w/N2.
12/24/96 Flow back load.
12/25/96 FTP 15 PSIG on 48/64" choke.
12/27/96 48 hr. SITP = 6000 PSIG.
1/09/97 Frac'd Morrow perms 15, 166' - 15,211' w/1000 gals. Mod 101 acid, 411 bbls. Alcofoam, 114 tons CO2, 14,500#20/40
Inter prop @ 0.5 to 1.5 pspg. Max TP = 1-,307 PSIG, Average TP = 8 BPM.
2/17/97 Flow 295 MCF & 2 BW, FTP = 590 PSIG>
4/01/97 7day SITP = 1450 PSIG. Set 1.81" F Plug in non-ported F Nipple.
4/02/97 Spotted 5 sx. 20/40 frac sd on pkr.
4/03/97 Dump 1 1/2 sx clh cmt. on sand.
4/07/97 Perf Atoka 14,350 - 14,358'.



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

Signed

John S. Gray

Title Senior Production Engineer

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date