

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

**RECEIVED**

**JUL 06 2010**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
**ENERGEN RESOURCES CORPORATION**

**Bureau of Land Management  
Farmington Field Office**

3a. Address  
**2010 Afton Place, Farmington, NM 87401**

3b. Phone No. (include area code)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**790' FNL, 1,850' FEL, T25N R10W Sec. 2**

5. Lease Serial No.

**14-20-603-1295**

6. If Indian, Allottee or Tribe Name

**Navajo**

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**Jen Na Pia 1**

9. API Well No.

**30-045-05589**

10. Field and Pool, or Exploratory Area  
**Basin Dakota**

11. County or Parish, State

**San Juan NM**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen                      | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat              | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction            | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other _____    |
| <input type="checkbox"/> Change Plans         | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back                   | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Energen Resources intends to Plug & Abandon the Jen Na Pia #1 as follows on the attached procedure:

**RCVD JUL 13 '10  
OIL CONS. DIV.  
DIST. 3**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Andrew Soto**

Title **District Engineer**

Signature

Date **7/2/2010**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

**Original Signed: Stephen Mason**

Title

Date

**JUL 12 2010**

Conditions of approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, 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.

**NMOC**

## PLUG AND ABANDONMENT PROCEDURE

5/10/2010

### Jen Na Pia #1

Basin Dakota

790' FSL & 1850' FEL, Section 2, T25N, R10W, San Juan County, New Mexico

API 30-045-05589 / Lat: \_\_\_\_\_ Long: \_\_\_\_\_

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires the Operator to obtain an approved NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes \_\_\_\_\_, No X, Unknown \_\_\_\_\_;  
Tubing: Yes X, No \_\_\_\_\_, Unknown \_\_\_\_\_, Size 2.375", Length 6652';  
Packer: Yes X, No \_\_\_\_\_, Unknown \_\_\_\_\_, Type N/A.  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **Plug #1 (Dakota perforations and tops, 6606' – 6506')**: RIH and set 4.5" cement retainer at 6606'. Pressure test tubing to 1000 PSI. Load casing with water and circulate well clean. Pressure test casing. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 12 sxs Class B cement and spot a balanced plug above CR to cover the Dakota interval. PUH.  

5695' 5595'
5. **Plug #2 (Gallup top, ~~5818'~~ – 5718')**: Mix and pump 12 sxs Class B cement and spot a balanced plug inside casing to cover the Gallup top. PUH.
6. **Plug #3 (Mesaverde top, 3042' – 2942')**: Mix and pump 12 sxs Class B cement and spot a balanced plug inside casing to cover the Mesaverde top. PUH.
7. **Plug #4 (Pictured Cliffs and Fruitland tops, 2152' -1704')**: Mix and pump 38 sxs Class B cement and spot a balanced plug inside casing to cover through the Fruitland top. PUH.
8. **Plug #5 (Kirtland and Ojo Alamo tops, ~~1423'~~ – 1253')**: Mix and pump 25 sxs Class B cement and spot a balanced plug inside casing to cover through the Ojo Alamo top. PUH.  

1404' 1159'
9. **Plug #6 (10.75" casing shoe, 234' – 0')**: Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 20 sxs cement and spot a balanced plug from 234' to surface,

circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth per BLM regulations. Shut in well and WOC.

10. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 1 Jen Na Pia

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
  - a) Place the Gallup plug from 5695' – 5595'.
  - b) Place the Kirtland/Ojo Alamo plug from 1404' – 1159'.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.