

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

## 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 reverse side

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

Energen Resources Corporation

## 3a. Address

2198 Bloomfield Highway, Farmington, NM 87401

## 3b. Phone No. (include area code)

505-325-6800

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

1261' ENL, 1840' FWL, Sec. 02, T24N, R05W, N.M.P.M.  
14 30 5 16 20 22 23 3

## 5. Lease Serial No.

Jicarilla Contract 183

## 6. If Indian, Allottee or Tribe Name

Jicarilla Apache

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

## 8. Well Name and No.

Jicarilla 183 # 12

## 9. API Well No.

30-043-20642

## 10. Field and Pool, or Exploratory Area

Ballard Pictured Cliffs

## 11. County or Parish, State

Rio Arriba 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

☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☒ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other \_\_\_\_\_

3. 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 and abandon the Jicarilla 183 #12 according to the attached procedure.



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

Vicki Donaghey

Title

Regulatory Analyst

Date

06/12/06

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

JUN 2 2006

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.

NMOCB \$

## PLUG AND ABANDONMENT PROCEDURE

June 8, 2006

### Jicarilla 183 #12

Ballard Pictured Cliffs

1630' FSL & 1630' FWL, Section 22, T23N, R3W  
Sandoval County, New Mexico, API #30-043-20642

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Energen safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOH and tally 1.25" tubing, total tally, 3188" with SN at 3155'. If necessary LD tubing and PU workstring. Round trip 4.5" gauge ring or casing scraper to 3081'.
3. **Plug #1 (Pictured Cliffs perforations, Fruitland, Kirtland and Ojo Alamo tops, 3081' – <sup>2668'</sup>~~2754'~~):** TIH and set CR at 3081'. Mix ~~27~~ sxs Type III cement and spot a plug inside the casing above CR to isolate the Pictured Cliffs interval and cover the Fruitland, Kirtland and Ojo Alamo tops. PUH to 1502'.
4. **Plug #2 (Nacimiento top, 1502' – 1402'):** Mix 10 sxs Type III cement and spot a plug inside the casing to cover the Nacimiento top. TOH and LD tubing.
5. **Plug #3 (8.625" casing shoe and surface, 186' - Surface):** Perforate 3 squeeze holes at 186'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 60 sxs cement down the 4.5" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
6. 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.

# Jicarilla 183 #12

## Proposed P&A

Ballard Pictured Cliffs

1630' FSL & 1630' FWL, SW, Section 22, T-23-N, R-3-W

Sandoval County, NM / API #30-043-20642

Today's Date: 6/8/06

Spud: 6/15/82

Completion: 8/19/82

Elevation: 7441' GI  
7452' KB

12.25" hole

Nacimiento @ 1452'

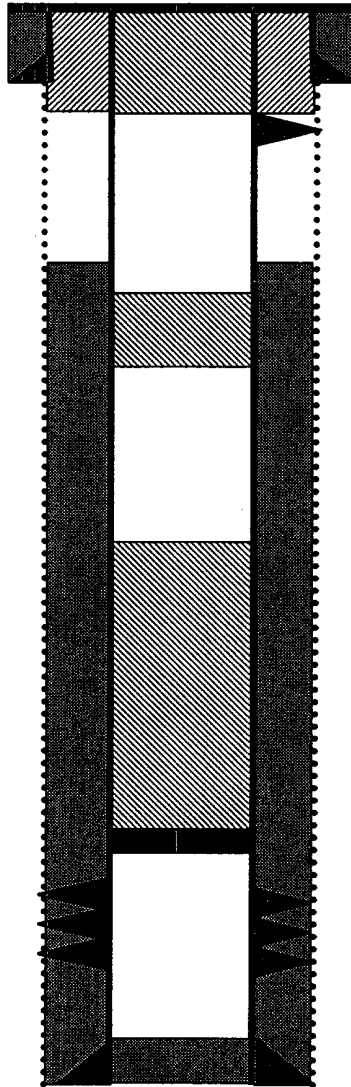
Ojo Alamo @ 2784'

Kirtland @ 2888'

Fruitland @ 2970'

Pictured Cliffs @ 3126'

7.875" hole



8.625" 24#, J-55 Casing set @ 136'  
Cement with 106 cf (Circulated to Surface)

Perforate @ 186'

Plug #3: 186' - 0'  
Type III cement, 60 sxs

TOC @ 700' (T.S.)

Plug #2: 1502' - 1402'  
Type III cement, 10 sxs

Plug #1: 3081' - 2734'  
Type III cement, 27 sxs

Set CR @ 3081'

Pictured Cliffs Perforations:  
3131' - 3210'

4.5" 10.5# KS Casing set @ 3255'  
Cemented with 221 cf

TD 3270'  
PBD 3237'

# Jicarilla 183 #12

## Current

Ballard Pictured Cliffs

1630' FSL & 1630' FWL, SW, Section 22, T-23-N, R-3-W

Sandoval County, NM / API #30-043-20642

Today's Date: 6/8/06

Spud: 6/15/82

Completion: 8/19/82

Elevation: 7441' GI  
7452' KB

12.25" hole

8.625" 24#, J-55 Casing set @ 136'  
Cement with 106 cf (Circulated to Surface)

TOC @ 700' (T.S.)

Nacimiento @ 1452'

### WELL HISTORY

No workover of record

Ojo Alamo @ 2784'

Kirtland @ 2888'

Fruitland @ 2970'

1.25" Tubing at 3188'  
(2.4#, J-55, SN @ 3155')

Pictured Cliffs @ 3126'

Pictured Cliffs Perforations:  
3131' - 3210'

7.875" hole

4.5" 10.5#, KS Casing set @ 3255'  
Cemented with 221 cf

TD 3270'  
PBTD 3237'

The Jicarilla Apache Nation requires 45 days to evaluate this well beginning from June 14, 2006 in order to determine if they would like to assume ownership of the well. If the Jicarilla Apache Nation has not contacted your office before the end of the 45 days you may proceed with plugging operations.