

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)

1490' ENL, 1180' FWL, Sec.21, T23N, R03W, N.M.P.M.  
SW/NW

## 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 # 9

## 9. API Well No.

30-043-20785

## 10. Field and Pool, or Exploratory Area

Ballard Pictured Cliffs

## 11. County or Parish, State

Sandoval 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☐ Deepen☐ Production (Start/Resume)☐ Water Shut-Off☐ Alter Casing☐ Fracture Treat☐ Reclamation☐ Well Integrity☐ Casing Repair☐ New Construction☐ Recomplete☐ Other☐ Change Plans☒ Plug and Abandon☐ Temporarily Abandon☐ Convert to Injection☐ Plug Back☐ 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 and abandon the Jicarilla 183 #9 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

07/03/06

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

## Approved by

Original Signed: Stephen Mason

Title

Date

JUL 10 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.

NMOCD 21

## PLUG AND ABANDONMENT PROCEDURE

June 26, 2006

### Jicarilla 183 #9

Ballard Pictured Cliffs

1490' FNL & 1180' FWL, Section 21, T23N, R3W

Sandoval County, New Mexico, API #30-043-20785

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. Project will require a Pit Permit (C103) from the NMOCD.
2. Install and test location rig anchors. Prepare waste fluid holding pit if necessary. 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.
3. Round-trip 2.875" scraper or wireline gauge ring to 2996'. Tally and prepare a 1.25" IJ tubing workstring.
4. **Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops, 2996' – 2650')**: RIH and set 2.875" wireline CIBP at 2996'. TIH with 1.25" workstring and tag CIBP. Load casing with water and circulate well clean. Pressure test casing to 500#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Spot 10 sxs Type III cement (in two stages) inside casing above CIBP to isolate the Pictured Cliffs perforations and cover through the Ojo Alamo top. TOH with tubing.
5. **Plug #2 (Nacimiento top, <sup>1403'</sup>1505' – <sup>1303'</sup>1405')**: Perforate 2 bi-wire holes at ~~1505'~~. Attempt to establish rate into squeeze holes if the casing pressure tested prior to perforating. Set 2.875" cement retainer at ~~1455'~~. TIH and sting into CR. Establish rate into squeeze holes. Mix and pump 48 sxs cement, squeeze 44 sxs outside the casing and leave 4 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.
6. **Plug #3 (8.625" Surface casing, 190' - Surface)**: Perforate 2 squeeze holes at 190'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 65 sxs Type III cement down the 2.875" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
7. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

# Jicarilla 183 #9

## Current

Ballard Pictured Cliffs / API #30-043-20785

1490' FNL & 1180' FWL, Section 21, T-23-N, R-3-W, Sandoval County, NM

Today's Date: 6/26/06

Spud: 9/7/85

Completed: 10/10/85

Elevation: 7327' GL  
7340' KB

12.25" hole

8.625", 24#, K-55 Casing set @ 140'  
Cement with 106 cf (Circulated to Surface)

### WELL HISTORY

Feb '03: Swabbed 7 days. Tagged up at 3066'. Total swab 56 bbls. Dropped 2 soap sticks, turned well back on. During swab encountered lots of sand; may need CT clean out.

Nacimiento @ 1455'

TOC @ 2150' (T.S.)

Ojo Alamo @ 2700'

Kirtland @ 2810'

Fruitland @ 2848'

Pictured Cliffs @ 3036'

Pictured Cliffs Perforations:  
3046' - 3137'

7.875" Hole

2.875" 6.4# J-55 Casing set @ 3188'  
Cement with 228 cf

TD 3188'  
PBD 3178'

The Jicarilla Apache Nation requires 45 days to evaluate this well beginning from July 7, 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.