

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM 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 Ext.238

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

1760' ENL, 790' FWL Sec. 32, T26N, R4W N.M.P.M.

5. Lease Serial No.

Jic Cont 120

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 123 C 19

9. API Well No.

30-039-22076

10. Field and Pool, or Exploratory Area

South Blanco Pictured Cliffs

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 plugged and abandoned this well on January 13, 2005 as per the attached plugging procedures.

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

Vicki Donaghey

Title

Regulatory Analyst

Date 01/14/05

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ David R. Sitzler

Division of Multi-Resources

Date

FEB 11 2005

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.

## PLUG AND ABANDONMENT PROCEDURE

01/13/05

### **Jicarilla 120 C #19**

South Blanco Pictured Cliffs  
1760' FNL & 790' FWL, Section 32, T26N, R4W  
Rio Arriba County, New Mexico, API #30-039-22076

**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. PU and tally 1-1/4" tubing workstring. Roundtrip 2.875" gauge ring to 3121'.
3. **Plug #1 (Pictured Cliffs perforations, Fruitland, Kirtland and Ojo Alamo tops, 3121' – 2715'):** TIH and set 2.875" CIBP at 3121'. Load casing with water and circulate well clean. Pressure test casing to 500 PSI. If casing does not test, then spot or tag subsequent plugs as appropriate. Spot 15 sxs Type III cement inside casing above CIBP to isolate the Pictured Cliffs perforations through the Ojo Alamo top. TOH with tubing.
4. **Plug #2 (Nacimiento top, 1860' – 1760'):** Perforate 2 squeeze holes at 1860'. If the casing pressure tested after plug #1, then attempt to establish rate into squeeze holes. Mix and pump 53 sxs Type III cement down the 2.875" casing, squeeze 45 sxs outside the casing and leave 8 sxs inside casing, displace to 1500'. If the casing leaks, then set 2.875" wireline cement retainer at 1810'. TIH with stinger and set cement plug, use only 4 sxs inside the casing. TOH and LD tubing.
5. **Plug #3 (8-5/8" Surface casing, 179' - Surface):** Perforate 2 squeeze holes at 179'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 60 sxs Type III cement down the 2.875" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
6. 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 120 C #19**

## **Current**

South Blanco Pictured Cliffs

1760' FNL& 790' FWL, NW, Section 32, T-26-N, R-4-W

Rio Arriba County, NM / API #30-039-22076

Today's Date: 01/13/05

Spud: 8/16/79

Completion: 10/23/05

Elevation: 6743' GL

12-1/4" hole

Nacimiento @ 1810'

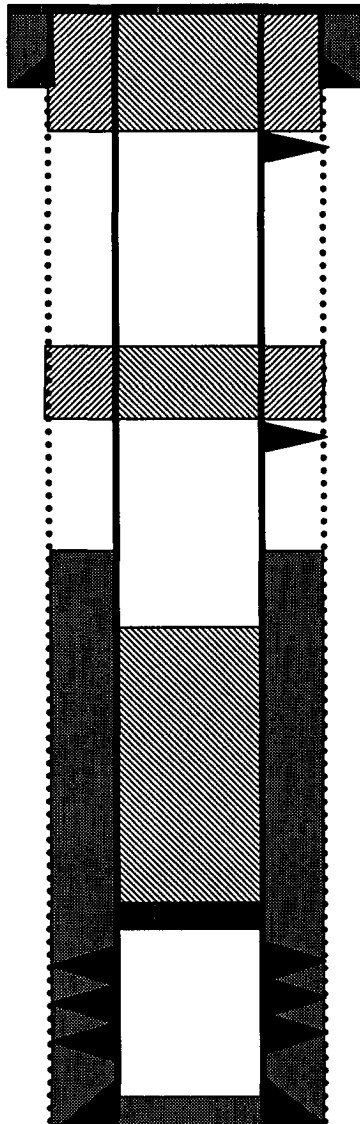
Ojo Alamo @ 2765'

Kirtland @ 2930'

Fruitland @ 3000'

Pictured Cliffs @ 3243'

6-3/4" & 7-7/8" hole



8-5/8" 24#, J-55 Casing set @ 129'  
Cement with 106 cf (Circulated to Surface)

Perforate @ 179'

Plug #3: 179' – 0'  
Type III cement, 60 sxs

Plug #2: 1860' – 1760'  
Type III cement, 53 sxs  
45 sxs outside and 8 inside

Perforate @ 1860'

TOC @ 2100' (T.S.)

Plug #1: 3121' – 2715'  
Type III cement, 15 sxs

Set CIBP @ 3121'

Pictured Cliffs Perforations:  
3171' – 3221'

2-7/8" 6.4# J-55 Casing set @ 3375'  
Cemented with 309 cf

TD 3385

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