

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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)

1180' FSL, 1740' FWL, Sec. 32, T26N, R4W, N.M.P.M.

5. Lease Serial No.

Jicarilla Contract 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 120C 20

9. API Well No.

30-039-22077

10. Field and Pool, or Exploratory Area

South Blanco 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

- | | | | |
|---|--|--|---|
| <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 has P&A this well on 02/21/03 as per the attached plugging summary.



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

Vicki Donaghey

Title

Production Assistant

Date 02/27/03

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Brian W. Davis

Division of Multi-Resources

Date

MAR 18 2003

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.

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

Energen Resource Corporation

February 24, 2003

Jicarilla 120C #20

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1180' FSL & 1740' FWL, Section 32, T-26-N, R-4-W

Rio Arriba County, NM

Plug & Abandonment Report

Jicarilla Contract Number 120, API Number 30-039-22077

Cementing Summary:

- Plug #1** with CIBP at 3289', spot 16 sxs cement inside 2-7/8" casing above CIBP up to 2709' to isolate Picture Cliffs perforations and cover through the Ojo Alamo top.
- Plug #2** with CR at 1760', mix and pump 32 sxs cement, squeeze 15 sxs outside 2-7/8" casing and leave 17 sxs inside casing up to 1190' to cover Nacimiento top.
- Plug #3** with 85 sxs cement: first, mix and pump 75 sxs cement down the 2-7/8" casing from 175' to surface, circulate good cement out the bradenhead; and second, second shut in bradenhead valve and squeeze an additional 10 sxs cement down 2-7/8" casing.

Plugging Summary:

Notified JAT on 2-12-03

2-12-03 MOL. Spot equipment in and RU. SDFD.

2-13-03 Safety Meeting. Well pressures: casing and bradenhead 40#, tubing 20#. Lay relief line to lined pit and blow down well. ND tree and NU BOP, test. TOH and tally 104 joints 1-1/4", total 3355'. Round-trip 2-7/8" gauge ring to 3385'. Set 2-7/8" PlugWell wireline CIBP at 3289'. TIH with 1-1/4" tubing and tag CIBP at 3289'. Load casing and circulation well clean with 20 bbls of water. Attempt to pressure test 2-7/8" casing, leak 2 BPM at 500#. Note: Bradenhead had a blow while attempting to pressure test. Plug #1 with CIBP at 3289', spot 16 sxs cement inside 2-7/8" casing above CIBP up to 2709' to isolate Pictured Cliffs perforations and cover through the Ojo Alamo top. PUH above cement, SI well and SDFD.

2-14-03 Safety Meeting. TIH and tag cement at 2760'. Attempt to pressure test 2-7/8" casing, leak 2 bpm at 500#. TOH with tubing. Perforate 2 squeeze holes at 1810'. Set 2-7/8" PlugWell wireline retainer at 1760'. TIH with tubing and sting into retainer. Establish rate into squeeze holes below CR at 4 bpm and 800#. Note: While injecting below retainer had returns out 2-7/8" casing valve. Sting out of retainer and circulate well clean. Sting into retainer and close casing valve. Procedure change for plug #2 requested by B. Davis, BLM, and T. Muniz, JAT. Plug #2 with CR at 1760', mix and pump 32 sxs cement, squeeze 15 sxs outside 2-7/8" casing and leave 17 sxs inside casing up to 1190' to cover Nacimiento top. Note: Pressured went up to 1000# while squeezing cement below retainer, stung out of retainer, opened casing valve and displaced remaining cement into 2-7/8" casing. TOH and LD tubing. Shut in well & SDFD.

2-18-03 Held Safety Meeting. Load casing with 2-1/2 bbls of water. Attempt to pressure casing to 500#, bled off to 0# in 35 seconds. RIH with wireline and tag cement at 830'. Perforate 2 squeeze holes at 175'. Establish circulation out bradenhead with 45 bbls of water. Procedure change for plug #3 requested by T. Muniz, JAT. Plug #3 with 85 sxs cement: first, mix and pump 75 sxs cement down the 2-7/8" casing from 175' to surface, circulate good cement out the bradenhead; and second, second shut in bradenhead valve and squeeze an additional 10 sxs cement down 2-7/8" casing. Shut in well and WOC. RD equipment. Dig out wellhead. ND BOP and remove BH valve. Cut off wellhead and found cement at surface in casing and annulus. Mix 10 sxs cement to install P&A marker. SDFD. Note: Too windy to safely rig down.

2-21-03 HSM. RD rig. MOL. B. Hammond and T. Muniz, JAT representatives, were on location.