

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires January 31, 2004

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)

1700' FNL, 1775' FEL, Sec. 30, T26N, R6W, N.M.P.M.

5. Lease Serial No.

NMSF-079265

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

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9. API Well No.

30-039-20654

10. Field and Pool, or Exploratory Area

Otero Chacra

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.)

This well was plugged and abandoned on 1/7/04 as per the attached plugging summary.



RECEIVED
2004 MAR -8 PM 12:52
070 Farmington, NM

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

Don Graham

Title

Production Superintendent

Date 3/3/04

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

MAR 09 2004

PRODUCTION FIELD 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, New Mexico 87499

505-325-2627 * fax: 505-325-1211

Energen Resources Corporation

January 8, 2004

Klein #22

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1700' FNL & 1775' FEL, Section 30, T-26-N, R-6-W

Rio Arriba County, NM

Plug & Abandonment Report

Lease: NMSF-079265, API #30-039-20654

Cementing Summary:

Plug #1 with CIBP at 3470' spot 10 sxs cement from CIBP up to 3107' to cover the Chacra top.

Plug #2 with 12 sxs cement inside 2-7/8" casing from 2692' up to 2256' to cover the Pictured Cliffs and Fruitland tops.

Plug #2a with 6 sxs cement, 2% CaCl₂ added, inside casing from 2417' up to 2199' to cover the Fruitland top.

Plug #3 mix and pump 86 sxs cement from 2184' to 1444', squeeze 68 sxs below retainer at 2184' and well locked up at 2000#, sting out of retainer and spot 19 sxs cement above retainer up to 1444' to cover the Kirtland and Ojo Alamo tops.

Plug #4 mix and pump 55 sxs cement from 890' to 712', squeeze 52 sxs outside 2-7/8" casing and leave 3 sxs above retainer up to 712' to isolate the Nacimiento top.

Plug #5 with 67 sxs cement pumped down the 2-7/8" casing from 185' to surface, circulate good cement returns out bradenhead.

Plug and Abandonment Summary:

Notified BLM on 12/30/03

12/24/03 Held JSA. Start to MOL, engine on rig went out. Pull rig off location with RU truck. SDFD.

12/30/03 Held JSA. Road rig and equipment 2 miles from location. Roads too slick to MOL. SDFD.

12/31/03 Held JSA. Chain up equipment and MOL. RU. Check well pressures: casing 50# and bradenhead 20#. Open up well and blow down. ND wellhead to master valve. RU A-Plus wireline truck. Round-trip 2-7/8" gauge ring to 3480'. GIH and set 2-7/8" PlugWell wireline CIBP at 3470'. Shut in well. SDFD.

1/02/04 Held JSA. NU 2-7/8" wellhead and BOP, test. Install pit liner and fence pit. Tally, PU and TIH with A-Plus' 1-1/4" IJ 2.3# workstring; tag CIBP at 3470'. Circulate hole clean with 19 bbls of water. Attempt to pressure test casing to 700#, leak. Plug #1 with CIBP at 3470' spot 10 sxs cement from CIBP up to 3107' to cover the Chacra top. PUH to 2692'. Plug #2 with 12 sxs cement inside 2-7/8" casing from 2692' up to 2256' to cover the Pictured Cliffs and Fruitland tops. PUH to 2200' and reverse circulate well clean with 12 bbls of water; reversed 1/2 b bbl of cement out of well. POH with 2 stands. Shut in well. SDFD.

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1700' FNL & 1775' FEL, Section 30, T-26-N, R-6-W

Rio Arriba County, NM

Plug & Abandonment Report

Lease: NMMSF-079265, API #30-039-20654

Plug and Abandonment Summary Cont'd:

- 1/05/04 Held JSA. Open up well. TIH and tag cement below Fruitland top at 2417'. Load hole with 1-1/2 bbls of water. Attempt to pressure test casing to 700#, leak. Plug #2a with 6 sxs cement, 2% CaCl₂ added, inside casing from 2417' up to 2199' to cover the Fruitland top. Reverse circulate well clean with 10 bbls of water; reversed 1/2 bbl of cement out of well. Shut in well and WOC. TIH and tag cement at 2253'. TOH with tubing. Load casing with 2-1/2 bbls of water. Attempt to pressure test casing, leak. Perforate 2 squeeze holes at 2184'. GIH and set 2-7/8" PlugWell cement retainer at 2134'. Shut in well. SDFD.
- 1/06/04 Held JSA. TIH with tubing and sting into retainer at 2134'. Sting out of retainer. Load casing with 1-1/2 bbls of water. Attempt to pressure test casing, leak. Sting into retainer and establish rate into squeeze holes 3/4 bpm at 1600#. Plug #3 mix and pump 86 sxs cement from 2184' to 1444', squeeze 68 sxs below retainer at 2184' and well locked up at 2000#, sting out of retainer and spot 19 sxs cement above retainer up to 1444' to cover the Kirtland and Ojo Alamo tops. TOH with tubing and LD stinger. Shut in well and WOC. Load casing with 1-1/2 bbls of water. Attempt to pressure test casing to 700#, leak. GIH with wireline and tag cement at 1544'. PUH and perforate 2 squeeze holes at 890'. GIH and set 2-7/8" PlugWell cement retainer at 821'. Shut in well. SDFD.
- 1/07/04 Held JSA. TIH with tubing and sting into retainer. Load casing with 1-1/2 bbls of water. Attempt to pressure test casing, leak. Establish rate into squeeze holes 1 bpm at 900#. Plug #4 mix and pump 55 sxs cement from 890' to 712', squeeze 52 sxs outside 2-7/8" casing and leave 3 sxs above retainer up to 712' to isolate the Nacimiento top. TOH and LD tubing. Shut in well and WOC. Load casing with 1-1/4 bbls of water. Attempt to pressure test casing, leak. GIH with wireline and tag cement at 719'. PUH and perforate 2 squeeze holes at 185'. Establish circulation out bradenhead with 6 bbls of water. Plug #5 with 67 sxs cement pumped down the 2-7/8" casing from 185' to surface, circulate good cement returns out bradenhead. ND BOP and remove 2-7/8" wellhead. Dig out and cut off wellhead, found cement at surface. Mix 10 sxs cement and install P&A marker. RD and MOL.

J. Ruybalid, G. Trujillo and M. Warren, BLM, were on location.