

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ENERGEN RESOURCES CORPORATION

3. Address and Telephone No.

2198 Bloomfield Highway, Farmington, NM 87401

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

840' FNL, 735' FEL, Sec. 27, T32N, R6W, N.M.P.M.

5. Lease Designation and Serial No.

NMSF-079011-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
San Juan 32-5 Unit

8. Well Name and No.

San Juan 32-5 Unit 15A

9. API Well No.

30-039-60111

10. Field and Pool, or exploratory Area

Blanco Mesaverde

11. County or Parish, State

Rio Arriba NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was plugged and abandoned on 9/13/00 as per the attached plugging summary.

14. I hereby certify that the foregoing is true and correct

Signed Don Dehann

Title Drilling & Completion Foreman

Date 10/2/00

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

ACCEPTED FOR RECORD

Title 18 U.S.C. Section 1001, 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.

* See Instruction on Reverse Side

NMOCU

OCT 04 2000

FIELD OFFICE

A - PLUS WELL SERVICE, INC.

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

Energen Resources Corp.
San Juan 32-5 #15A
Unit A, NE, NE Section 27, T-32-N, R-6-W
Rio Arriba County, NM
SF-079011A
API 30-039-60111

September 14, 2000
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Plug & Abandonment Report

Plugging Summary Continued:

- 09-08** Safety Meeting. Change out pipe rams, elevators and slip dies. Open up well and tally in hole with 1-1/2" IJ tubing workstring. Tag CIBP at 5170'. Load well with 35 bbls water and circulate hole clean. Pressure test 3-1/2" casing to 500# for 10 min, held OK. Plug #1 with CIBP at 5170', spot 14 sxs Class B cement inside casing above CIBP up to 4832' to isolate Mesaverde perforations. TOH w/ tubing. SDFD.
- 09-11** Safety Meeting. Open up well, no pressure. RU wireline truck and perforate 6 - 2-1/8" bi-wire squeeze holes at 4172'. Set 3-1/2" PlugWell wireline retainer at 4115'. TIH with tubing and sting into retainer. Establish rate into squeeze holes 2-1/2 bpm at 500#. Plug #2 with retainer at 4115', mix 40 sxs Class B cement, squeeze 30 sxs outside 5-1/2" casing from 4172' to 4072' and leave 10 sxs inside 3-1/2" casing up to 3946 to cover Chacra top. TOH with tubing. Perforate 6 - 2-1/8" bi-wire squeeze holes at 2927'. Establish rate into squeeze holes 2 bpm at 500#. Set 3-1/2" PlugWell retainer at 2878'. Plug #3 with retainer at 2878', mix 149 sxs Class B cement, squeeze 128 sxs outside 5-1/2" casing from 2927' to 2491' and leave 21 sxs inside 3-1/2" casing up to 2419' to cover Pictured Cliffs and Fruitland tops. TOH with tubing and SDFD.
- 9-12:** Safety Meeting. RU A-Plus wireline truck and attempt to RIH to perforate at 2239', unable to get deeper than 2163'. J. Lovato, BLM approved performing at 2163'. Perforate 6 - 2-1/8" bi-wire squeeze holes at 2163'. Establish rate into squeeze holes 2 bpm at 700#. Set 3-1/2" PlugWell retainer at 2113'. Plug #4 with retainer at 2113', mix 65 sxs Class b cement, squeeze 55 sxs outside 5-1/2" casing from 2163' to 1978' and leave 10 inside 3-1/2" casing up to 1920' to cover Kirtland and Ojo Alamo tops. TOH with tubing. Perforate 6 - 2-1/8" bi-wire squeeze holes at 950'. Establish rate into squeeze holes 2 bpm at 650#. Set 3-1/2" PlugWell wireline retainer at 882'. Plug #5 with retainer at 882', mix 40 sxs Class B cement, squeeze 30 sxs outside 5-1/2" casing from 950' to 850' and leave 10 sxs inside 3-1/2" casing up to 713' cover Nacimiento top. TOH with tubing. Perforate 6 - 2-1/8" bi-wire squeeze holes at 612'. Establish circulation out bradenhead with 10 bbls water. Plug #6 with 147 sxs Class B cement pumped down the 3-1/2" casing from 612' to surface, circulated good cement out bradenhead valve. SI and WOC; SDFD.
- 9-13:** Safety Meeting. ND BOP and dig out wellhead. Cut off wellhead and found cement down 20' in 3-1/2" casing and down 80' in 5-1/2" x 8-5/8" annulus. Mix 27 sxs Class B cement, fill 3-1/2" casing and 8-5/8" annulus; then install P&A marker. RD, MOL. No BLM representative was on location.

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Plug & Abandonment Report

Cementing Summary:

Plug #1 with CIBP at 5170', spot 14 sxs Class B cement inside casing above CIBP up to 4832' to isolate Mesaverde perforations.

Plug #2 with retainer at 4115', mix 40 sxs Class B cement, squeeze 30 sxs outside 5-1/2" casing from 4172' to 4072' and leave 10 sxs inside 3-1/2" casing up to 3946 to cover Chacra top.

Plug #3 with retainer at 2878', mix 149 sxs Class B cement, squeeze 128 sxs outside 5-1/2" casing from 2927' to 2491' and leave 21 sxs inside 3-1/2" casing up to 2419' to cover Pictured Cliffs and Fruitland tops.

Plug #4 with retainer at 2113', mix 65 sxs Class b cement, squeeze 55 sxs outside 5-1/2" casing from 2163' to 1978' and leave 10 inside 3-1/2" casing up to 1920' to cover Kirtland and Ojo Alamo.

Plug #5 with retainer at 882', mix 40 sxs Class B cement, squeeze 30 sxs outside 5-1/2" casing from 950' to 850' and leave 10 sxs inside 3-1/2" casing up to 713' cover Nacimiento top.

Plug #6 with 147 sxs Class B cement pumped down the 3-1/2" casing from 612' to surface, circulated good cement out bradenhead valve.

Plugging Summary:

Notified BLM 9/01/00

09-05 Attempt to road rig to location; unable to get down last two hills due to heavy rains.

09-06 Safety Meeting. MO, RU. Lay out relief line to pit. Open up well and blow down 950# pressure on tubing and casing. Water and condensate flowing out tubing and casing. Pump 15 bbls water down tubing, well on a vacuum. Pump additional 30 bbls water down casing to kill well. ND wellhead and NU BOP, test. PU on tubing and work packer free pulling maximum 26,000#. TOH and tally 123 joints 1-1/4" EUE tubing, total 3987. Found tubing parted on 124th joint with body break. SDFD.

09-07 Safety Meeting. Open up well and blow down 10# casing pressure. TIH with overshot, 6'x1-1/4" EUE sub, 124 joints 1-1/4" EUE tubing and caught fish. Attempt to work packer loose, stuck. RU A-Plus wireline truck and round-trip tubing gauge ring to 5200'. RIH and jet cut 1-1/4" tubing at 5185'. After cutting the tubing the wireline tools hung up and pulled out of rope socket. TOH with 1-1/4" EUE tubing and LD, total of 159 joints. RIH and set 3-1/2" PlugWell wireline CIBP at 5170'; SD.