

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 01 11 11:45

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.

SF-079011

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 17

9. API Well No.

30-039-07993

10. Field and Pool, or exploratory Area

Basin Dakota

11. County or Parish, State

Rio Arriba NM

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)

900' FNL, 2450' FWL, Sec. 26, T32N, R6W, N.M.P.M.

RECEIVED

DEC 28 1999

OIL CON. DIV.
DIST. 3

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 11/12/99 as per the attached plugging summary.

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

Signed [Signature]

Title Drilling Foreman

Date 12/17/99

(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

DEC 29 1999

MMOCD

FARMINGTON OFFICE
BY _____

Plug & Abandonment Report**Cementing Summary:**

- Plug #1** with 16 sxs Class B cement inside 4-1/2" casing from 4708' to 4525' to cover Chacra top.
- Plug #2** with 52 sxs Class B cement with 2% CaCl₂ spotted inside 4-1/2" casing from 3182' to 2760' to cover Pictured Cliffs and Fruitland tops.
- Plug #3** with 40 sxs Class B cement from 2482' to 1550' to cover Kirtland and Ojo Alamo tops.
- Plug #4** with retainer at 1832', spot a balanced 16 sxs Class B cement above CR to 1649' to isolate parted casing.
- Plug #5** with retainer at 1170', spot a balance 10 sxs Class B cement above CR to 1056' to cover Nacimiento top.
- Plug #6** with a total of 230 sxs Class B cement from 653' to surface, done in 3 stages with packer at 600' then 321' and finally LD filled from surface, circulate good cement out casing and bradenhead with packer set.

Plugging Summary:

Notified BLM on 11-4-99

- 11-5-99 MO.RU. Layout relief line to pit and bleed down 220# on casing and bradenhead. NU BOP and test. PU 3-7/8" mill bit and 59 joints 2-3/8" tubing, attempt to work tubing through parted casing at 1879'. Unable to work down. SDFD.
- 11-8-99 Safety Meeting. Bleed down 40# tubing pressure. TOH and LD 3-7/8" mill and bit sub. PU 2-3/8" slotted tubing sub with mule shoe. TIH with tubing and work into 4-1/2" parted casing. Stacked out at 90' outside 4-1/2" casing. LD 3 joints and circulate hole. Tag parted casing again and work tubing back in 4-1/2" casing. PU tubing, feel collars hit on way down; stack out at 4560' with soft tag. Circulate hole and wash tubing down circulating out bridge from 4560' to 4630'. Run tubing to 5403' and tag Mesaverde cement plug; circulate hole clean. TOH with tubing and LD 1 joint with mule shoe sub; felt collars hanging up on first 110 joints. PU 3-7/8" tapered mill and bit sub. Start in hole with 58 joints. Shut in well and SDFD.
- 11-9-99 Safety Meeting. Blow down 30# tubing pressure. PU 1 joint tubing and tag parted casing at 1879'. Attempt to work 3-7/8" tapered mill into casing; worked mill and it went outside casing down beside the 4-1/2" about 90'. PUH to 1879' and worked mill; still going outside casing. Pulled 10,000# to 20,000# over string weight to get mill back out, unable to go deeper. TOH and LD tapered mill. PU 3-7/8" bit and TIH; work bit down but unable to stay inside 4-1/2" casing. TOH and LD 3-7/8" bit. PU 2-3/8" tubing sub with mule shoe. TIH with tubing and work mule shoe back into casing and down to 2100'. Wait on orders. BLM approved procedure change. Continue to TIH to 4708'. Plug #1 with 16 sxs Class B cement inside 4-1/2" casing from 4708' to 4525' to cover Chacra top. TOH with tubing. SI well and SDFD.

Plug & Abandonment Report

Plugging Summary Continued:

- 11-10-99 Safety Meeting. Open up well, no pressure; tubing flowing water; blow tubing down. TIH with tubing and leave 99 joints in hole at 3128'. RU A-Plus wireline truck and RIH with 1-13/16" gauge ring and tag cement at 4500'. Perforate 3182' to 3177' with 4 SPF (20 1-11/16") bi-wire squeeze holes. Lower tubing to 3182'. Plug #2 with 52 sxs Class B cement with 2% CaCl₂ spotted inside 4-1/2" casing from 3182' to 2760' to cover Pictured Cliffs and Fruitland tops; PUH to 2201' and squeeze 4.7 bbls of displacement to have TOC at 2760', final squeeze pressure 300#. Shut in tubing and WOC. RIH with wireline and tag cement at 2750'. Perforate 2482' to 2477' with 4 SPF (20 1-11/16") squeeze holes. Lower tubing to 2482'. Plug #3 with 40 sxs Class B cement from 2482' to 1550' to cover Kirtland and Ojo Alamo tops; PUH to 1500' and squeeze 4 bbls of displacement to have TOC at 1950', final squeeze pressure 250#. Shut in well and WOC. SDFD.
- 11-11-99 Safety Meeting. Open up well and blow down 40# tubing pressure. TIH with tubing and tag parted casing at 1879', work tubing in 4-1/2" casing and tag cement at 1990'. TOH with tubing. TIH and set 4-1/2" DHS retainer at 1832'. Sting out of retainer and load casing with 5 bbls water. Sting back into retainer and establish rate below CR 1/2 bpm at 500#; pumped additional 5 bbls water and pressure up to 1000#; sting out of retainer. Procedure change approved, Mike Wade, BLM. Plug #4 with retainer at 1832', spot a balanced 16 sxs Class B cement above CR to 1649' to isolate parted casing. TOH with tubing. RU wireline truck. Perforate 3 HSC squeeze holes at 1232'. TIH and set 4-1/2" DHS retainer at 1170'. Attempt to establish rate into squeeze holes at 1232', pressured up to 1200#. Procedure change approved, Mike Wade with BLM. Plug #5 with retainer at 1170', spot a balance 10 sxs Class B cement above CR to 1056' to cover Nacimiento top. TOH. Perforate 3 HSC squeeze holes at 653'. PU 1 joint tubing with 4-1/2" AD-1 rental packer and set at 30' with 8000# compression. Establish circulation out bradenhead and casing at same time. Started to mix cement and pumped 24 sxs; circulated out bradenhead and casing valve; circulated out cement. TOH with packer and inspect rubber elements, OK. TIH with packer and set at 600'. Establish circulation out casing and bradenhead. Plug #6 with a total of 230 sxs Class B cement from 653' to surface, done in 3 stages with packer at 600' then 321' and finally LD filled from surface, circulate good cement out casing and bradenhead with packer set. TOH and LD tubing with packer. SI well and SDFD.
- 11-12-99 Safety Meeting. ND BOP and dig out wellhead; cut off. Found cement down 8' in 4-1/2" casing and 10' in 8-5/8" casing. Mix 24 sxs Class B cement, fill casing and annulus then install P&A marker. RD rig and equipment; move off location. M. Wade, BLM, was on location and approved all procedure changes.