

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

5. Lease Designation and Serial No.

NM 03991

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Hill Federal 2Y

9. API Well No.

30-039-23852

10. Field and Pool, or exploratory Area

Gavilan Mancos

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)

1710' FNL, 1760' FEL, Sec. 35, T25N, R2W, N.M.P.M.

C-25

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 10/10/2000 as per the attached plugging summary.

00 OCT 27 11:10:58
BUREAU OF LAND MANAGEMENT

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

Signed _____ Title Production Assistant Date 10/19/00

(This space for Federal or State office use)
By Brian W. Davis

Approved by _____ Title Lands and Mineral Resources Date NOV 6 2000

Conditions of approval, if any:

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

OPERATOR

A - PLUS WELL SERVICE, INC.

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

Energen Resources Corp.

October 11, 2000

Hill Federal 2Y

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Unit G, SW,NE Section 35, T-25-N, R-2-W

Rio Arriba County, NM

Plug & Abandonment Report

Lease No. NM 03991, API No. 30-045-23852

Cementing Summary:

Plug #1 with CIBP at 6900', spot 17 sxs Class B cement inside casing above up to 6750' to isolate Mancos perforations and Gallup top.

Plug #2 with 17 sxs Class B cement inside casing from 5335' to 5185' to cover Mesaverde top.

Plug #3 with 49 sxs Class B cement inside casing from 3582' to 3149' to cover Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops.

Plug #4 with retainer at 1799', mix 69 sxs Class B cement, squeeze 49 sxs outside 5-1/2" casing from 1845' to 1745' and leave 12 sxs inside casing to 1693' to cover Nacimiento top.

Plug #5 with 107 sxs Class B cement, squeeze 79 sxs outside 5-1/2" casing from 443' to 343' and leave 28 sxs inside casing, displace cement to 196'.

Plug #7 with 40 sxs Class B cement pumped down the 5-1/2" casing from 50' to surface, circulate good cement out bradenhead.

Plugging Summary:

Notified C. Perrin, NMOCD and Cuba BLM on 10/04/00

10-04 Road rig and equipment to location; spot rig in. SDFD.

10-05 Safety Meeting. RU rig. Blow down 100# casing pressure and 60# tubing pressure. ND wellhead and NU BOP, test. TOH and tally 239 joints 2-3/8" EUE tubing, total 7574'. B. Davis, BLM, approved procedure change not to set DK plug as there are no Dakota completions in the area. RU A-Plus wireline truck and round-trip 5-1/2" gauge ring to 6925'. Set 5-1/2" PlugWell wireline CIBP at 6900'. SI well and SDFD.

10-06 Safety Meeting. TIH with tubing and tag CIBP at 6900'. Circulate hole clean with 162 bbls water and pressure test casing to 500# for 5 min, held OK. Plug #1 with CIBP at 6900', spot 17 sxs Class B cement inside casing above up to 6750' to isolate Mancos perforations and Gallup top. PUH to 5335'. Plug #2 with 17 sxs Class B cement inside casing from 5335' to 5185' to cover Mesaverde top. PUH to 3582'. Shut in well and SDFD.

10-09 Safety Meeting. Plug #3 with 49 sxs Class B cement inside casing from 3582' to 3149' to cover Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. TOH with tubing. RU A-Plus wireline truck and perforate 3 HSC squeeze holes at 1845'. Establish rate into squeeze holes 1-1/2 bpm at 1000#. Set 5-1/2" Bolt wireline retainer at 1799'. TIH with tubing and sting into retainer. Establish rate into squeeze holes, 1-1/2 bpm at 1000#. Plug #4 with retainer at 1799', mix 69 sxs Class B cement, squeeze 49 sxs outside 5-1/2" casing from 1845' to 1745' and leave 12 sxs inside casing to 1693' to cover Nacimiento top. TOH and LD tubing. Perforate 3 HSC squeeze holes at 443'. Establish rate into squeeze holes 1 bpm at 1500#. Plug #5 with 107 sxs Class B cement, squeeze 79 sxs outside 5-1/2" casing from 443' to 343' and leave 28 sxs inside casing, displace cement to 196'. Shut in well and WOC. SDFD.

10-10 Safety Meeting. RU A-Plus wireline truck and tag cement at 256'. Perforate 3 HSC squeeze holes at 50'. Establish circulation out bradenhead with 12 bbls water. Plug #6 with 40 sxs Class B cement pumped down the 5-1/2" casing from 50' to surface, circulate good cement out bradenhead. Shut in well and WOC. Dig out wellhead and open up well. Wellhead had spacer spool and required a deep cellar (lots of digging) with old cement and tree roots. ND BOP and cut off wellhead. Found cement down 2' in 13-3/8" annulus and down 6' in 5-1/2" casing. Mix 15 sxs Class B cement to fill casings and install P&A marker. RD rig and equipment; move off location. Al Yepa with Cuba BLM, was on location.