

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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)

1650' FSL, 1650' FEL, Sec. 16, T24N, R3W, N.M.P.M.

FORM APPROVED

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

5. Lease Designation and Serial No.

SF-078913

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Lindrith Unit

8. Well Name and No.

Lindrith Unit 15

9. API Well No.

30-039-05449

10. Field and Pool, or exploratory Area

Basin Fruitland Coal

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

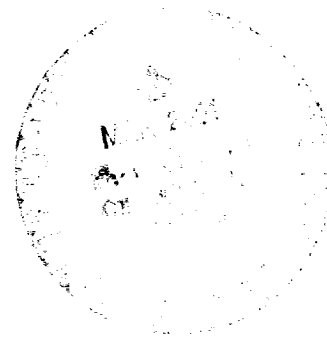
TYPE OF ACTION

- ☒ 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.)

Energen Resources Corporation intends to plug and abandon this well per the attached plug and abandonment procedure.



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

Signed [Signature]

Title Drilling & Completion Foreman

Date 3/7/01

(This space for Federal or State office use)

Approved by [Signature]

Title Lands and Mineral Resources

Date MAR 29 2001

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.

PLUG & ABANDONMENT PROCEDURE

02/27/01

Lindrith Unit #15

Basin Fruitland Coal

1650' FSL & 1650' FEL, Section 16, T-24-N, R-3-W

Rio Arriba Co., New Mexico, API #30-039-05499

Long: / Lat:

Note All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Energen safety rules and regulations. MOL and RU daylight pulling unit. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. TOH and tally 97 joints 2-3/8" tubing, SN at 3031', total 3068'. If necessary LD tubing and PU workstring.
3. **Plug #1 (Fruitland Coal Interval and Kirtland, Ojo Alamo tops, 2941' – 2610')**: TIH with open ended tubing and tag existing CIBP at 3135' or as deep as possible. Pump 50 bbls water down tubing. Mix 90 sxs cement and spot a plug inside the 5-1/2" casing above the CIBP to isolate the Pictured Cliffs perforations, to fill the Fruitland Coal perforations and to cover through the Ojo Alamo top. PUH and WOC. TIH and tag cement. Load the casing with water and circulate the well clean. Pressure test the casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. TOH with tubing.
4. **Plug #2 (Nacimiento top, 1380' – 1280')**: Perforate 3 HSC squeeze holes at 1380'. Establish rate into squeeze holes if casing tested. Set 5-1/2" wireline retainer at 1330'. Pressure test the tubing to 1000#. Establish rate below the CR into squeeze holes. Mix 60 sxs cement, squeeze 43 sxs cement outside 5-1/2" casing and leave 17 sxs cement inside casing to cover Nacimiento top. TOH and LD tubing.
5. **Plug #3 (7" Casing shoe, 182' - Surface)**: Perforate 3 HSC squeeze holes at 313'. Establish circulation out bradenhead. Mix and pump approximately 80 cement down 5-1/2" casing, circulate good cement out the bradenhead valve. SI and WOC.
6. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Lindrith Unit #15

Current

Basin Fruitland Coal

SE, Section 16, T-24-N, R-3-W, Rio Arriba County, NM

API 30-039-05449

Long: / Lat:

Today's Date: 02/27/01

Spud: 4/2/57

PC Completion: 4/23/57

PC P&A: 11/26/90

FtC Completion: 12/3/90

Elevation: 6994' GI

7004' KB

Nacimiento @ 1330'

Ojo Alamo @ 2660'

Kirtland @ 2845'

Fruitland @ 2928'

Pictured Cliffs @ 3140'

13-3/4" hole

8-3/4" hole

TD 3215'

9-5/8" 25.4# SW Casing set @ 132'
Cmt w/ 100 sxs (Circulated to Surface)

Well History

Nov '90: P&A Pictured Cliffs: Pull and LD 1-1/4" line pipe; set CIBP at 3135'.

Re-Complete FtC Zone: P/T casing to 3000#,OK; found tight spot at 1715' with perf gun, ran casing scraper; perf and fraced Fruitland Coal zone; CO with air; land tubing.

Jun '98: Bradenhead test; ok

TOC @ 2520' (T.S.)

2-3/8" Tubing set at 3068'
(97 joints, EUE, SN 3031')

Fruitland Coal Perforations:
2991' - 3048'

CIBP set at 3135' (11/90)

Pictured Cliffs Perforations:
3142' - 3186'

5-1/2" 15.5#, J-55 Casing set @ 3215'
Cemented with 150 sxs

Lindrith Unit #15

Proposed P&A

Basin Fruitland Coal

SE, Section 16, T-24-N, R-3-W, Rio Arriba County, NM

API 30-039-05449

Long: / Lat:

Today's Date: 02/27/01

Spud: 4/2/57

PC Completion: 4/23/57

PC P&A: 11/26/90

FtC Completion: 12/3/90

Elevation: 6994' GI
7004' KB

Nacimiento @ 1330'

Ojo Alamo @ 2660'

Kirtland @ 2845'

Fruitland @ 2928'

Pictured Cliffs @ 3140'

13-3/4" hole

8-3/4" hole

TD 3215'

9-5/8" 25.4# SW Casing set @ 132'
Cmt w/ 100 sxs (Circulated to Surface)

Perforate @ 182'

Plug #3 182' - Surface
Cement with 80 sxs

Cmt Retainer @ 1330'

Plug #2 1380' - 1280'
Cement with 60 sxs, 43
sxs outside casing
and 17 sxs inside.

Perforate @ 1380'

TOC @ 2520' (T.S.)

Plug #1 3135' - 2610'
Cement with 90 sxs

Fruitland Coal Perforations:
2991' - 3048'

CIBP set at 3135' (11/90)

Pictured Cliffs Perforations:
3142' - 3186'

5-1/2" 15.5#, J-55 Casing set @ 3215'
Cemented with 150 sxs

