

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135

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

CORDILLERA ENERGY, INCORPORATED

3a. Address and Telephone No.

5802 HIGHWAY 64, FARMINGTON, NM 87401

3b. Phone No. (include area code)

(505) 632-8056

4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 1315' FWL
SEC. 18, T31N, R12W

5. Lease Serial No.

SF078243

6. If Indian, Allottee or Tribe Name

Farmington, NM

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

8. Well Name and No.

ARNSTEIN #1Y

9. API Well No.

30-045-31218

10. Field and Pool, Or Exploratory Area

BLANCO MESA VERDE/BASIN DAKOTA

11. County or Parish, State

SAN JUAN COUNTY, NEW MEXICO

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

☐ Acidize ☐ Fracture Treat ☐ Recomplete
☐ Alter Casing ☐ New Construction ☐ Temporarily Abandon
☐ Casing Repair ☐ Plug and Abandon ☐ Water Disposal
☐ Change Plans ☐ Plug Back ☐ Water Shut-Off
☐ Convert to Injection ☐ Production (start/resume) ☐ Well Integrity
☐ Deepen ☐ Reclamation ☒ Other Set 7" Casing

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 recomplete 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 recompletion 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 site is ready for final inspection.)

3/20/2003 RIH w/float shoe (locked), 98 jts (4231.28' 7", 23.0#, J55 & K55 w/F.C. (locked) @ 4183.17 and stage tool (locked) @ 3741.68'. Csg landed @ 4227.53'. Used 18 centralizers.
Cmt 1st stage w/54 bbl (150 sx) 65/35 CIs B POZ w/2% CaCl2, 6% gel, 5#/sx Gilsonite tailed w/25 bbl (120 sx) CIs B w/2% CaCl2, 1/4# Cellophane. Open DV tool & circ 30 bbl cmt off DV tool. Circ between stages @ 4 bpm (60 strokes).
Cmt 2nd stage w/216 bbl (600 sx) 65/35 CIs B POZ w/2% CaCl2, 1/4# cellophane, 6% gel, 5#/sx Gilsonite. Displace w/147 bbls, pump plug and close DV tool w/2500 psi. Circ 30 bbls cmt to surface. WOC.

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

KAY S. ECKSTEIN

Title PRODUCTION TECHNICIAN

Signature

Kay Eckstein

Date

20-Mar-2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by

Title

Date

MAR 27 2003

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

FARMINGTON FIELD OFFICE

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and wilfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD