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FORM 3160-5
(June 1990)

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 reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas
☐ Well ☒ Well ☐ Other

2. Name of Operator

Calpine Natural Gas

3. Address and Telephone No.

1200 17th Street, Suite 770, Denver, CO 80202

720-359-9144

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

1650' FSL & 1695' FWL
Sec. 23-T30N-R14W

5. Lease Designation and Serial No.

NM 26357

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Morton #4

9. API Well No.

30- 045-31214

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal Gas

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

☐ 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 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.)*

Weekly drilling update for the week ending 11/15/02.

Released rig at 1230 hrs 11/14/02.

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

Title Production Manager

Date 11/15/02

(This space for Federal or State office use)

Approved by

Title

Date

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 Instructions on Reverse Side

ACCEPTED FOR RECORD

DEC 02 2002

FARMINGTON FIELD OFFICE

NMOCD

Morton #4
Basin Fruitland Coal Gas Field
Operator: Calpine Natural Gas Company
Drilling Contractor: JC Well Service
San Juan County, NM.

WI: 100 %
AFE:
Objective: Drill & Complete
Spud Date: 11/09/02

NRI: 69.25%
AFE: \$204,627
Proposed TD: 1450'

- 11/11/02 Current Operations: Waiting on cement. Moved on location and rigged up. Moved on location and rigged up L&B Speed Drill on 11/8/02. Spud surface hole at 0830 hrs. 11/9/02 with bit #1 (8-3/4", STC, F2-RR). Drilled 130' with spud mud. Circulated hole clean, ran survey and TOH. Ran 3 jts (124.55') of 7", 20#, J-55, ST&C casing and set at 130' KB. Rigged up Halliburton and cemented with 50 sx (59 cu.ft.) of Cl "B" with 3% CaCl₂ and 1/4 #/sk celloflake. Displaced cement with 3.75 bbls of water. Job completed at 1,300 hrs 11/9/02. Circulated 1.0 bbls of good cement to surface. Hole was staying full. SD for Sunday to WOC.
Daily Cost: \$7,786 Cum Cost: \$7,786
- 11/12/02 Current Operations: Drilling @ 630'. Made 500' in 24 hrs. Nipple up bradenhead and BOP. Pressure test BOP and casing to 1000 psi - held OK. TIH with bit #2 (6-1/4", Varel). Drilled 40' of cement and new formation with water and polymer. Ran survey at 630' (0.5°). Pulled up kelly and SDON.
Daily Cost: \$6,767 Cum Cost: \$14,553
- 11/13/02 Current Operations: Drilling @ 1,250'. Made 600' in 24 hrs. Drilling ahead with bit #2 (6-1/4", Varel) and water and polymer. Ran survey at 1,120' (1.25°). Circulated hole clean, pulled up Kelly and SDON.
Daily Cost: \$8,477 Cum Cost: \$23,030
- 11/14/02 Current Operations: Prepare to run casing. TD well at 1,540' with bit #2 (6-1/4", Varel). Coal seams at ~1,240 (10') and 1,330 (10). Circulated, short trip, and circulated hole clean. TOH for logs. Rigged up Halliburton and ran IES/GR and SDL/DSN logs from 1,540'. SDON.
Daily Cost: \$5,582 Cum Cost: \$28,612
- 11/15/02 Current Operations: Released Rig. Ran 37 jts (1514.06') of 4-1/2", 10.5#, J-55, ST&C new Ipsco casing and landed at 1519' KB. Insert float is at 1496' KB and the top of the marker joint is at 1092' KB. Rigged up Halliburton. Preceded cement with 10 bbls of water. Cemented with 130 sx (268 cu.ft.) of 2% EconoLite (metasilicate) with 1/4#/sk celloflake, followed by 50 sx (59 cu.ft.) of Cl "B" with 2 % CaCl₂ and 1/4#/sk celloflake. Reciprocated pipe while pumping cement. Displaced plug with 23.8 bbls of water. Bumped plug to 1500 psi and down at 1130 hrs. 11/14/02. Good circulation throughout job and circulated out 17 bbls of good cement. Float held OK. Nipped down BOPs and set the casing slips. Rigged down and released the rig at 1230 hrs 11/14/02. FINAL REPORT.
Daily Cost: \$13,538 Cum Cost: \$42,150