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FORM 3160-5
(June 1990)

UNITED STATES 070 Farmington, NM
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

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

1810' FNL & 925' 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 #3

9. API Well No.

30- 045-31215

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 11/22/02. FINAL REPORT.

Released rig @ 1130 hrs 11/19/02.

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

Signed Hugo Cartaya Title Production Manager

Date DEC 02 2002

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

FARMINGTON FIELD OFFICE

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

NMOCD

Morton #3
Harper Hills Pictured Cliffs
Operator: Calpine Natural Gas Company
Drilling Contractor: LB Drilling
San Juan County, NM.

WI: 100 %
AFE: 02-308
Objective: Drill & Complete
Spud Date: 11/14/02

NRI: 69.25%
AFE: \$204,627
Proposed TD: 1580'

- 11/15/02 Current Operations: Waiting on cement. Moved on location and rigged up L&B Speed Drill. Spud surface hole at 1300 hrs. 11/14/02 with bit #1 (8-3/4", STC, F2-RR). Drilled 132' with spud mud. Circulated hole clean, ran survey and TOH. Ran 3 jts (125.06') 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 ¼ #/sk celloflake. Displaced cement with 3.75 bbls of water. Job completed at 1830 hrs 11/14/02. Circulated 4.0 bbls of good cement to surface. Hole was staying full. SDON to WOC.
Daily Cost: \$9,161 Cum Cost: \$9,161
- 11/16/02 Current Operations: Drilling @ 530' in 24 hrs. Nipped up the bradenhead and BOP. Pressure tested casing and BOP to 1000 psi – held OK. Picked up bit #2 (6-1/4", Varel) on 7 4-3/4" DC. Drilled 30' of cement and new formation with water and polymer. Drilling ahead. Circulate hole clean and SDON.
Daily Cost: \$5,441 Cum Cost: \$14,602
- 11/17/02 Current Operations: Drilling @1,170'. Made 640' in 24 hrs. Drilling ahead with bit #2 (6-1/4", Varel) and water and polymer. SD for Sunday.
Daily Cost: \$8,853 Cum Cost: \$23,455
- 11/18/02 Current Operations: Preparing to run pipe. TD well at 1,540' with bit #2 (6-1/4", Varel) at 1400 hrs 11/18/02. Circulated hole, short tripped, and circulated the hole clean. TOH for logs. Halliburton ran IES/GR DSN/SDL logs. Prepared to run casing 11/19/02.
Daily Cost: \$7,547 Cum Cost: \$31,002
- 11/19/02 Current Operations: Released rig. Ran 37 jts (1503.76') of 4-1/2", 10.5#, J-55, ST&C new Ipsco casing and landed at 1,508' KB. Insert float is at 1487' KB and the top of the marker joint is at 1,054' KB. Rigged up Halliburton. Preceded cement with 10 bbls of water. Cemented with 130 sx (268 cu.ft.) of 2% EconoLite (metasilicate) with ¼#/sk celloflake, followed by 50 sx (59 cu.ft.) of Cl "B" with 2 % CaCl₂ and ¼#/sk celloflake. Reciprocated pipe while pumping cement. Displaced plug with 23.75 bbls of water. Bumped plug to 1500 psi and down at 1030 hrs. 11/19/02. Good circulation throughout job and circulated out 13 bbls of good cement. Float held OK. Nipped down BOPs and set the casing slips. Rigged down and released the rig at 1130 hrs 11/19/02. FINAL REPORT.
Daily Cost: \$12,429 Cum Cost: \$43,431