

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

070 Farmington, NM

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 ☐ Well Gas ☒ Well ☐ Other

2. Name of Operator

Calpine Natural Gas Company, L.P.

3. Address and Telephone No.

1200 17th St., Suite 770, Denver, CO 80202

720-946-1302

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

950' FNL & 1190' FEL Sec. 22-30N-14W

5. Lease Designation and Serial No.

NM 15272

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Coolidge Com #1

9. API Well No.

30-045-26184

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal and Harper Hill FS/PC

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 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.)*

Weekly Report

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

Signed Hugo Cartaya Hugo Cartaya

Title OPERATIONS MANAGER

Date 06/10/03

(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

JUL 15 2003

FARMINGTON FIELD OFFICE
BY [Signature]

NMOCD

Coolidge Com #1
Basin Dakota
Operator: Calpine Natural Gas Company
Location: NE/4 Sec.22-T30N-R14W
San Juan County, New Mexico

WI 100.0 %
AFE: 02-303
Objective: Recompletion
PBTD: 2425'

NRI 69.25%
AFE: \$154,960

- 04/28/03 Current Operation: Reverse circ hole clean w/ 60 bbls of water. MORU JC Well Service, blew well down, well blew hard and unloaded some oil to the pit. Killed the well w/ 90 bbls of water. ND wellhead and pulled the donut. Picked up additional tbg and tagged fill @ 6031' KB. Pulled up to 6004' KB. Rigged up Halliburton. Pumped 15 bbls of water followed by 75 sx (89 cu ft) of Cl "B" cmt w/ 1/4#/sx celloflake and 2% CaCl2 across the Dakota perfs. Displaced cement w/ 11.5 bbls of water. POH w/ 50 jts to approx 4400'. Reverse circ hole clean w/ 60 bbls of water. RD Halliburton and SDON.
Daily Cost: \$2,083 Cum Cost: \$2,083
- 04/29/03 Current Operation: WOC overnight. SI well w/ 500 psi. TIH and tagged cement top @ 5160' KB. Set tubing at 5157'. Spotted 15 sx (18 cu ft) of CL "B" cement across the Gallup top. POH to 3803'. Spotted 100 sx (118 cu ft) of CL "B" cement across the Mesa Verde top. Finish TOH. Laid down 184 jts of 1-1/2" EUE tubing and a seating nipple. Twisted off three joints w/ the tongs. Tubing shows signs of some scale and corrosion. Installed frac valve. Rigged up Halliburton wireline and ran CBL/CCL log from the top of the cement at 2140' to surface with no pressure and with 1000 psi. Bond log indicates that there is no cement behind the 4-1/2" casing from 2140' to the surface. Pressure tested the casing to 2000 psi - held ok. Perforated six (0.34" holes) at 1427' KB. Established an injection rate with water. After loading the hole w/ three bbls, the pressure went to 1100 psi for an instant and then broke back to 650 psi. Pumped 250 bbls of water at 4 BPM and 600 psi with no returns. Pumped 50 sx (59 cu ft) of CL "B" cement with 3#/sx gilsonite and displaced with 21.25 bbls of water. Pressure increased to 1000 psi at the end of displacement. SI well with 500 psi. WOC overnight.
Daily Cost: \$9,255 Cum Cost: \$11,338
- 04/30/03 Current Operation: Re-run CBL. Rig up pump and pit. TIH and with 3-7/8" bit and tagged cement top at approximately 1280' KB. Picked up the power swivel and drilled cement to approximately 1415' KB. (Perfs are at 1427' KB). Circulated the hole clean and TOH. Will re-run CBL 5/1/03.
Daily Cost: \$9,041 Cum Cost: \$20,379
- 05/01/03 Current Operation: WOC. RU Halliburton Wireline and ran CBL from 1600'-1000'. There is 10-15' of marginal bond above and below the squeeze holes @ 1427' KB. The well was flowing a steady stream of water from the casing. Perforated 4 (0.51") holes @ 1365' KB. Pumped 50 bbls of fresh water into the Bradenhead w/ no pressure. Shut down and well continued to flow out the Bradenhead. RU Halliburton and established circulation through the Bradenhead. Pumped approximately 75 bbls of fresh water w/ good circulation. Pumped 240 sx (502 cu ft.) of Cl "B" cement and 2% SMS and 3#/sx gilsonite followed by 100 sx (118 cu ft.) of Cl "B" w/ 3#/sx gilsonite. Displaced cement w/ 21 bbls of water. Had good circulation throughout the job and circulated 42 bbls of good cement to the pit. SI well w/ 465 pressure. SI Bradenhead valve. WOC. Plan to frac 5/2/03.
Daily Cost: \$10,125 Cum Cost: \$30,504
- 05/02/03 Current Operation: TIH w/ 3-7/8" bit and tag cement @ 1313' KB. Picked up the swivel and drilled good cement to 1339' KB. TOH. Installed frac valve and pressure tested to 2000 psi, held OK. Perforated the Pictured Cliffs from 1320'-1324' @ 2 SPF (total of 8 holes (0.34")) and the lower Fruitland Coal f/ 1297'-1310' @ 2 SPF (total of 26 holes 0.34"). Rig up Halliburton. Hold safety meeting and pressure test lines. Pumped a 15,000 gal pad @ 14.5 BPM and 900 psi. Frac'd the PC and basal coal w/ 5000# of 40/70 Arizona and 70,000# of 20/40 Brady sand at 1-4 ppg in a 20# Delta frac fluid. Flushed sand to 1250'. Job completed at 1230 hours (5/2/03). AIR = 14.5 BPM, MIR = 14.5 BPM, ATP = 650 psi, MTP = 950 psi, total fluid = 1057 bbls. Set frac plug @ 1230' KB. Pressure tested plug and casing to 2500# - OK. Perf'd upper coal @ 1175' to 1184' KB @ 4 SPF w/ 36 holes (0.34"). Rig up frac crew. Pumped a 3,000 gal pad @ 15 BPM and 1080 psi. Frac'd the

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- 05/02/03 (continued) upper coal w/ 5000# of 40/70 Arizona and 30,000# of 20/40 Brady sand @ 1-4 ppg in a 20# Delta frac fluid. Flushed sand to 100' above the top perf w/ water. Dropped rate by 1 BPM twice with no effect on the Nolte plot. Job completed @ 1530 hours (5/2/03). AIR = 13.5 BPM, MIR = 15 BPM, ATP = 930 psi, MTP = 1179 psi. Total fluid 445 bbls. Rig down Halliburton and installed flow back manifold. Opened well to the pit through a 1/4" choke @ 1700 hours w/ 750 psi. Left well flowing solid 2" stream of broken frac fluid.
Daily Cost: \$76,057 Cum Cost: \$106,561
- 05/05/03 Current Operations: TIH to run tubing. Found well dead @ 8:00 a.m. Removed the frac valve and installed the tubing head. Rigged up Hurricane Air package. TIH w/ 3-7/8" bit and tagged fill at approximately 1200' KB. Unloaded the well w/ air and cleaned frac sand, drilled the frac plug at 1230' and cement f/ 1339'-1365'. TIH to 1506' w/ no additional fill. Rigged down power swivel and air package. The well died as soon as the air was turned off. TOH and laid down bit & bit sub. TIH w/ an open-ended tail joint, 4' per sub, seating nipple, and 42 jts (1363.50') of 2-3/8", 4.7#, J-55, EUE used tubing and landed at 1374' KB w/ the SN at 1337' KB. SDON.
Daily Cost: \$3,988 Cum Cost: \$110,549
- 05/07/03 Current Operations: Well pumping. Ran a 2" x 1-1/2" x 12' RWAC-Z pump on sinker bars, 48 used 3/4" rods, an 8' and a 2' pony rod, and a 22' polished rod. Spaced out the pump and hung off the rods. Started the pump jack to check for a tag, then shut it down due to a leak in the radiator. Rigged down and released J.C. Well Service. Repaired radiator and started the unit. Well pumped up in 30 mins. Left the well pumping to the pit. Casing pressure was 100 psi and the pump jack was running on gas.
Daily Cost: \$5,302 Cum Cost: \$115,851