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070 Farmington, NM

FORM 3160-5
(June 1990)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 reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

NM 20314

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Roosevelt SWD #1

9. API Well No.

30-045-31448

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

San Juan County, New Mexico

SUBMIT IN TRIPLICATE

1. Type of Well

Oil ☐ Gas ☐
Well ☐ Well ☐ Other ☒

2. Name of Operator

Calpine Natural Gas Company, L.P.

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)

1830' FSL & 780' FEL Sec. 22-T30N-14W

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 Report

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

Signed Hugo CartayaTitle Production Manager

Date

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by

Title

Date

MAY 02 2003

Conditions of approval, if any:

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

Roosevelt SWD #1R
Basin Dakota
Operator: Calpine Natural Gas Company
San Juan County, NM.

WI 100 % NRI 69.255%
AFE: 03-127 AFE: \$121,328
Objective: Drill Replacement SWD well
Spud Date: 3/2703 Proposed TD: 4000'

COMPLETION REPORT (continued)

04/17/03 Current Operation: Circulated the hole clean and pulled 2 jts. TOH w/ tubing and removed rubber pieces from the bit and bit sub. TIH and tagged the plug again at 2735' KB. Circulated the hole conventionally and drilled hard cement to 2855'. SDON.
Daily Cost: \$2,868 Cum Cost: \$110,885

04/18/03 Current Operation: Drilling cement to 3339' KB. Circ the hole clean and pulled two joints, SDON.
Daily Cost: \$2,378 Cum Cost: \$113,263

04/20/03 Current Operation: Continue drilling cement to PBD @ 3961' KB. Circulated the hole clean and pulled two joints. SDON.
Daily Cost: \$2,498 Cum Cost: \$115,761

04/21/03 Current Operation: RD Halliburton and SI well. TIH to 3961' – no fill. Circ hole clean w/160 bbls of fresh City water. Closed rams and pressure tested csg to 1000 psi – held OK. TOH, laid down six drill collars. RU Halliburton and ran GR/CBL from 3756' to surface. Good cement bond to surface. Perforated Point Lookout @ 3810' – 3830', 3790' – 3800', 3762'-3772', and 3735'-3745' @ 4 spf w/ 90 degree phasing (total of 200 0.37" holes). Broke perms w/ fresh water @ 2520 psi and 2 BPM. Established rate of 10 BPM @ 1100 psi. Pumped 1000 gals of 15% HC1 @ 6 BPM and 820 psi. Displaced acid w/ 120 bbls of fresh water @ 10 BPM and 750 psi. Pumped the last of the displacement @ 2 BPM and 400 psi. ISIP was 340 psi. SI well. SDON.
Daily Cost: \$14,157 Cum Cost: \$129,918

04/22/03 Current Operations: Running injection tubing. Well was dead @ 7:00 a.m. TIH w/ 120 jts of 2-3/8" tbg to approximately 3735' KB. Rigged up swab tools. Made 16 swab runs from the seating nipple and recovered 80 bbls of water. Fluid level dropped to 800'. Rec. some spent acid then clear water. Rigged down swab tools. TOH laying down the 2-3/8" tubing. Started to pick up packer on 2-7/8" plastic lined tubing. Discovered that the turned down collars on the tubing could slip through the elevators. SDON.
Daily Cost: \$2,268 Cum Cost: \$132,186

04/23/03 Current Operations: Pressure Testing to 500 psi. Picked up Halliburton G-6 plastic lined packer with on/off tool and X profile nipple on 114 jts (3686.81) of used plastic lined 2-7/8", 6.5#, EUE 8rd tubing and set the packer @ 3701.29' KB. Poured 10 gal of biocide, corrosion inhibitor and packer fluid in the 5-1/2" X 2-7/8" annulus prior to setting the packer. Flushed the chemical with 2 bbls of water. Set the packer with 12,000# tension and set 35,000# on the slips. Loaded the annulus and pressure tested to 500 psi. held o.k. Rigged down and released Aztec. **FINAL REPORT.**
Daily Cost: \$24,352 Cum Cost: \$156,538

Roosevelt SWD #1R
Blanco Mesa Verde
Operator: Calpine Natural Gas Company
San Juan County, NM.

WI 100 % NRI 69.255%
AFE: 03-127 AFE: \$121,328
Objective: Drill Replacement SWD well
Spud Date: 3/2703 Proposed TD: 4000'

DRILLING REPORT

- 03/27/03 Moved on location and rigged up Aztec Well Service Rig #222. Transmission on rig went out during the rig move. Had to be towed to location. Spent time converting rig from cavitations to drilling. Drilling rat hole at report time.
Daily Cost: \$19,746 Cum Cost: \$19,746
- 03/28/03 Current Operation: TIH w/ Bit #2. Finished drilling rat and mouse holes. Spud surface hole @ 09:15 hrs 3/27/03 w/ bit # 1 (12-1/4", STC, DSJ-RR). Drilled to 232 w/ spud mud. Circ hole clean and run survey. TOH. Ran 5 jts (213.85') of 8-5/8", 32#, J-55, ST&C csg set @ 227' KB. RU Halliburton and cemented w/ 175 sx (207 cu ft) of Cl "B" w/ 1/4#/sx celloflake and 2% CaCl2. Displaced plug w/ 12.5 bbls of water and down @ 18:30 hrs 3/27/03. Circ 10 bbls of cement to surface. SI well and WOC. Nipped up bradenhead and BOP. Pressure test BOP to 1000 psi and the csg to 600 psi - held OK. TIH w/ bit #2 (7-7/8", HTC, HX-03C).
Daily Cost: \$22,052 Cum Cost: \$41,798
- 03/29/03 Current Operation: Survey @ 2422' (0.75 deg). TIH w/ bit #2 (7-7/8", HTC, HX-03C) and drilled 31' of cement. Drilling ahead w/ water and polymer. Slowed RPM and WOB through the Cliff House. Survey @ 1957' (0.5 deg).
Daily Cost: \$8,523 Cum Cost: \$50,321
- 03/30/03 Current Operation: TD'd well at 4015' w/ bit #2 (7-7/8", HTC, HX-03C). Started to raise viscosity @ 3800'. Circulated the hole clean @ TD. Short tripped 10 - no fill or drag. Circ hole again, then started TOH laying down drill pipe & collars.
Daily Cost: \$10,643 Cum Cost: \$60,694
- 03/31/03 Current Operation: Released rig @ 5:00 p.m. 3/30/03. Finished LDDP & DC. Rigged up casing crew and ran 92 jts (3998.58') of 5-1/5", 15.5#, J-55, LT&C csg, set @ 4010' KB w/ the float collar @ 3965' KB. Circulated the hole for 45 min. w/ the rig pump while rigging down the csg crew and rigging up Halliburton. Preceded cement w/ 20 bbls of water. Cemented w/ 120 sx (349 cu. ft.) of Cl "B" w/ 3% SMS, 10#/sx Gilsonite, and 1/2#/sx flocele. Tailed w/ 670 sx (891 cu. ft.) of Cl "B" 50/50 poz w/ 5#/sx Gilsonite, 1/4#/sx flocele, and 2% CaCl2. Reciprocated the casing while pumping cement until just before the plug was dropped because of excessive drag. Dropped the plug and displaced the cement w/ 66.25 bbls of water when the pumping pressure increased to 4000 psi. SD @ 12:30 p.m. 3/30/03. Displacement was short (28.35 bbls), leaving approximately 1191' of cement inside the casing. Circulated 5 bbls of good cement to surface. Released pressure and the float held. ND BOP and set the slips. Rig released @ 5:00 p.m. 3/30/03. **FINAL DRILLING REPORT.**
Daily Cost: \$42,390 Cum Cost: \$103,354

COMPLETION REPORT

- 04/16/03 Current Operation: Reverse circulating. Move onto location and rig up Aztec Well Service Rig No. 481. Installed tubing head and BOP. Spotted pump and pit, picked up a 4-3/4" blade bit on six 3-1/8" DC and 2-3/8" tubing. Tagged the cement plug at 2735' KB. Picked up the power swivel and circulating hoses. Started drlg on the plug (reverse circulating) and plugged the bit. Could not shake the plug out. Pulled 5 jts and SDON. Will TOH 4/17/03.
Daily Cost: \$4,663 Cum Cost: \$108,017