

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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 L.P.

3. Address and Telephone No.

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

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

1755' FSL & 1030' FWL Sec. 27-30N-13W

5. Lease Designation and Serial No.

SF-078214

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Tiger #11

9. API Well No.

30-045-29927

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

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.)

Calpine is proposing recomplete into the a different stringer of the Basin Fruitland Coal Gas formation.
Upon recompleting the additional interval, all zones will be commingled.

Attached is the proposed procedure to recomplete the Basin Fruitland Coal formation.

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

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

Signed

Title OPERATIONS MANAGER

Date 10/06/03

(This space for Federal or State office use)

Approved by

Title

Date

OCT 20 2003

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

NMOC

Well Name: Tiger #11

Date: 10/6/2003

Operator: Calpine Natural Gas
Field: Basin Fruitland Coal
Location: NWSW Sec. 27-30N-13W
Footages: 1755' FSL & 1030' FWL
County: San Juan
State: New Mexico
API No.: 30-045-29927
Elevation : 5558 GL, 5563 KB

Spud Date: 5/11/1999
First Prod: 6/23/1999

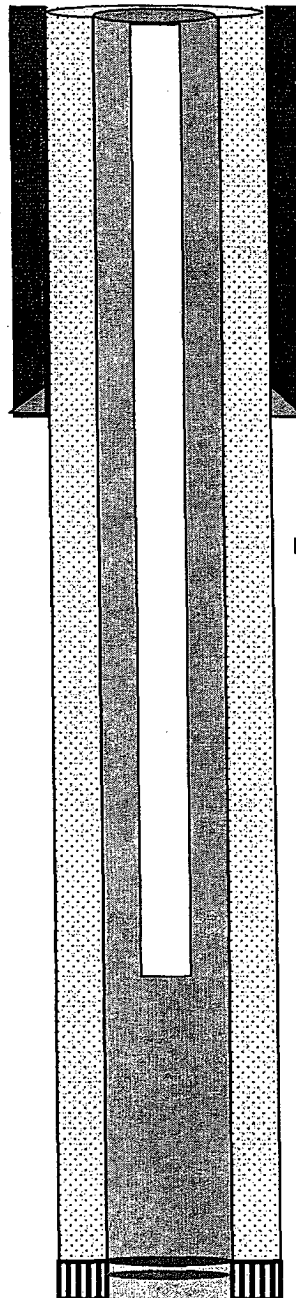
Surface Hole: 8 3/4"

Production Hole: 6 1/4"

Tubing: ?
Set at: ?

1/4" stainless
Stim Coil: steel to 1463'

PBTD: 1589'
TD: 1650'



Surface Casing : 7" 23 #/ft.
Set at : 123'
Cement:
65 sx Class B w/ 4% CaCl

Production Casing : 4 1/2" 10.5 #/ft.
Set at : 1644'
Cement: 95 sx Class B w/ 2%
Econolite
Plus 80 sx Class B

4 SPF
Perfs: 1444-1464

Stimulation: 29000 gal 70 quality foam
90000# 20/40 sand
Max. Pres. : 2900#
Min. Pres. : 1500#
Ave. Pres. : 1550#
ISIP : 2850#
Ave. Rate : 15 BPM

Recompletion Procedure for
Calpine Natural Gas Company
Tiger #11

Location: NWSW Sec 27 T30N R13W
San Juan County, NM

Date: October 6, 2003

Field: Basin Fruitland Coal

Elev: GL 5558'

KB 5563'

Surface: BLM

PBTD 4-1/2" @ 1589'

Minerals: BLM SF-078214

Existing Perfs 1444-1464

1. Set and fill 2 frac tanks with city water and heat to 80 degrees. Check for anchors. MOL and RU completion rig. Hold safety meeting.
2. NU 2-3/8" relief line. Blow well down and kill with water if necessary.
3. ND tubing head and pull tubing slips. NU BOP. POOH with rods and pump.
4. POOH with tubing. RIH with tubing and set drillable bridge plug at 1420'. POOH with tubing.
5. Perforate 4 spf (0.38" holes) from 1384' to 1392'. Total of 32 holes. Depths refer to the open-hole logs.
6. Rig up frac equipment and pressure test surface lines. Fracture with 30,000# of 20/40 Brady sand in a 25#/1000 gal cross-linked gel fluid.
7. Close BOPs. RD frac company and install flowline with 1/4" ceramic choke. Flow well back to pit overnight.
8. When well dies, TIH with bit on 2-3/8" EUE tubing and clean out and drill out bridge plug at 1420. Drill out bridge plug and clean out to 1589'. TOH with tubing and lay down bit.
9. TIH with 1 tail joint, 1-4' perforated sub, Seating Nipple and 45 joints of 2 3/8" tubing. Land tubing at 1470' KB. NU wellhead. RIH with rods and pump. Put well on production. RD and release rig.