

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 re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.
NM 25857

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Hoover #1

9. API Well No.

10. Field and Pool, or Exploratory Area

Twin Mounds Pictured Cliffs

11. County or Parish, State

San Juan County, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Calpine Natural Gas c/o Walsh Engineering

3a. Address

7415 E. Main, Farmington, NM, 87402

3b. Phone No. (include area code)

505-327-4892

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

860' FNL and 870' FEL, Sec. 21, T30N, R14W

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Calpine Natural Gas proposes to plug and abandon this well according to the attached prognosis.

RECEIVED
2002 APR 18 PM 12:26
070 FARMINGTON, NM

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

Name (Printed/Typed)

Paul C. Thompson, P.E.

Title

Agent

Signature

Paul C. Thompson

Date

April 16, 2002

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

4/29/02

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make 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.

Walsh Engineering and Production

P & A Procedure for
Calpine Natural Gas
Hoover #1

Location: NE/4 Sec 21 T30N R14W
San Juan County, NM

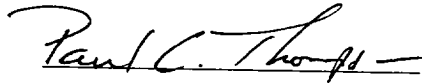
Date: April 16, 2002

Field: Twin Mounds Pictured Cliffs
Surface: BLM
Minerals: BLM NM 25857

Elev: GL 5652'
2-7/8" @ 1367'
PBTD 1327'

Procedure:

1. 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. Spot Plug #1 (17 sx - 20 cu.ft.) from PBTD at 1327' to 100' above the Fruitland top at 738' via the 1-1/4" tubing.
4. TOH to 500' and WOC for 3 hrs. TIH and tag cement. TOH and lay down the 1-1/4" tubing.
5. Perforate 2 holes at 500'.
6. Remove 2-7/8" tubing head.
7. Connect cement truck directly to 2-7/8" tubing establish circulation out of the bradenhead. Pump approximately 120 sx (142 cu.ft.) of Cl "H" cement with 1/4#/sk celloflake or until cement is circulated to surface via the bradenhead. Pump cement until tubing stands full.
8. Cut off wellhead and install dryhole marker. Reclaim location as per BLM specifications.



Paul C. Thompson, P.E.

HOOVER #1

860' FHL & 870' FEL
SECTION 21, T30N, R14W

ELEV: 5652' GL
12" KB

12 1/4" HOLE

8 5/8", 24" @ 225'

CMT W/ 182 ft³ - CIRC SURFACE

CJO ALAMO - SURFACE
FRUITLAND - 838'
PICTURED CLIFFS - 1222'

CEMENT TOP AT 825' (70% EFF)

Tube #1 1327 - 788'
15 SX (18 ft³)

1 1/4" TBG @ 1231' KB

7 7/8" HOLE

846 - 862 16'

1223 - 1236 13'

1254 - 1259 5'

78TD - 1327

2 7/8", 6.5" @ 1367'

CMT W/ 227 ft³

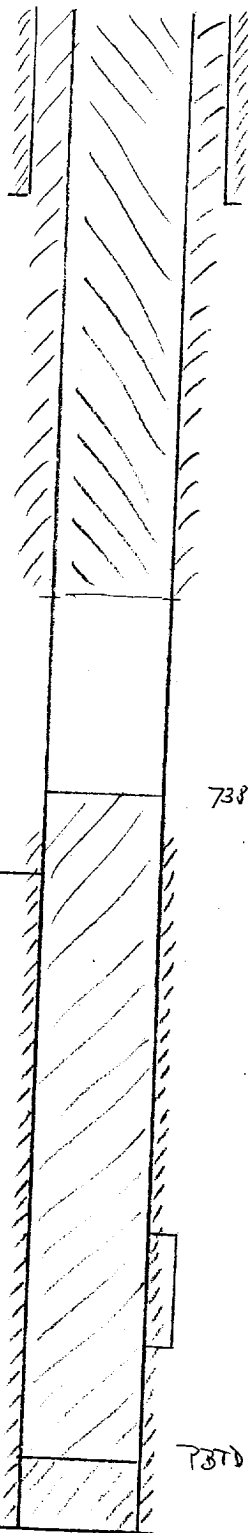
22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



HOOPER #1

PERF A STATUS

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



Perf #2 120 SX (142 ft³)

PERFS AT 500

738'

FRUITLAND
838'

Perf #1 1327'-788''
17 SX (20 ft³)

787D 1327