

UNITED STATES  
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 reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

8F 078926

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Gallegos Canyon Unit

8. Well Name and No.

Gallegos Canyon Unit 396

9. API Well No.

30-045-28310

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan, New Mexico

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

BHP Petroleum (Americas), Inc.

3. Address and Telephone No.

5847 San Felipe, Suite 3600, Houston, TX 77057

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

(SW/SW) 720' FSL & 1155' FWL M  
Section 35, T29N-R13W

**12. CHECK APPROPRIATE BOX(s) 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 Completion History  
☐ 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.)\*

The daily history of the completion operations and deviation survey information performed at the subject well is attached.

RECEIVED  
BLM

JUN 10 1991

U.S. DEPARTMENT OF THE INTERIOR

RECEIVED

JUN 5 1991

OIL CON. DIV.  
DIST. 3

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

Signed Burley Comer

Title Production Technician

Date 4-22-91

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

ACCEPTED FOR RECORD

JUN 04 1991

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 statement or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

FARMINGTON RESOURCE AREA  
BY 10/11

BHP PETROLEUM (AMERICAS), INC.  
GALLEGOS CANYON UNIT NO. 396  
SECTION 35, T29N-R13W (SW/SW)  
BASIN FRUITLAND COAL FIELD  
SAN JUAN COUNTY, NEW MEXICO

WELL COMPLETION HISTORY

12/28/90- Depth: 142'. MIRU. Spud well @ 9:30 pm on 12/27/90. Drlg 8-3/4" hole to 142' KB. Circ hole clean & TOH. LD DC. RU & ran 3 jts 7", 20#, K-55, 8R, R-3 ST&C csg and landed @ 136' KB. RU & cmt w/ 125 sx class "B" w/ 3% CaCl and 1/4# sx Cello seal. Obtained full returns w/ 10 bbls cmt circ to surface. PD @ 3:30 am on 12/28/90. WOC.

12/29/90- Depth: 600'. WOC. NU BOPE. Test csg & blind rams to 2000 psi, pipe rams to 1500 psi & annular to 500 psi. Drl out cmt & drl 6-1/4" hole to 600' w/ 1 survey (1/2° @ 545'). Rig repair.

12/30/90- Depth: 1665'. Finish rig repair & drill 6-1/4" hole to 1655'.

12/31/90- TD: 1760'. Drlg 6-1/4" hole to 1760' w/ 1 survey. Circ and cond for logs. WL TD 1760'. TIH to circ. POH, LD DP and DC. Ran 43 jts 4-1/2" 10.5#, J-55, 8-R, R-3, ST&C csg and landed @ 1753' KB. RU & cmt w/ 260 sxs 50/50 POZ, 2% gel, 10% salt and 1/4# sx Cello seal. Tail w/ 30 sxs Class "B" and CF-18. Obtained full returns w/ 15 bbls cmt circ to surface. Bump plug, float held. PD @ 3:00 am 12/31/90. ND BOP and jet pits. Rel rig @ 7:00 am on 12/31/90. WOCT. Survey 1/4° @ 1760'.

03/12/91- TD: 1760' PBTD: 1693'. MIRU. PU bit and csg scraper on 2-3/8" tbg and talley in hole. Found PBTD @ 1693' KB. Circ hole clean w/ 2% KCL and additives. Press test csg and BOPE to 2500 psi. POOH w/ tbg. SDFN.

03/13/91- RU electric line and ran GR/CCL logs. Perf the Basin Fruitland Coal from 1587' to 1606' KB with 3-1/8" premium charged 90° phased csg gun at 4 jspf. No press to surface. RD electric line. All shots fired. SDFN.

03/14/91- Perfs 1587-1606'. Waiting on fracture stimulation crew.

03/15/91- MIRU to fracture stimulate the Fruitland Coal down 4-1/2" csg. Job screened out during the 3 ppg stage due to a malfunction in the slurry rate meter. After repairs were made an unsuccessful attempt was made to establish a pad breakdown. Perf's covered with sand. 150 BL to recover.

03/16/91- Zero pressure on well. TIH w/ tbg. Tag sand @ 1436' KB. Circ hole clean to PBTD w/ 2% KCL & additives. POH w/ tbg. W/O frac crew.

03/17/91- W/O frac crew.

03/18/91- W/O frac crew.

03/19/91- Zero pressure on well. RU Halliburton to re-frac stimulate the Fruitland Coal down 4-1/2" csg, with 15,314 clean gallons 30# gel, 70 Q foam, and 96M# of 20/40 Brady sand. Max treating pressure 2300 psi, min 1200 psi, avg 1500 psi. Avg inj rate 15 bpm. Max sand concentration 8 ppg. BLTR 365. ISIP 650 psi. Bled back to induce closure. 15 min 444 psi. 5 SIP 530 psi. Open well to tank on a 3/8" pos choke. Well died in 30 min.

03/20/91- Zero pressure on well. MIRU. PU tbg and TIH. Tag sand at 1456'. Circ clean to PBDT w/ 2% KCL & additives. Pull up and land tbg w/ 50 jts 2-3/8", 4.7#, 8R, J-55, EUE @ 1623' KB. SN @ 1591' KB. ND BOP. NU well head. RU to swb. Swb back 30 bbls. No gas to surface. SDFN.

03/21/91- Swabbing and flowing for 8 hrs. Rec 50 bbls. Well would not flow. Ran pump and rods. SI. W/O pumping unit.

03/22/91- Waiting on pumping unit.

03/23/91- Start up pumping unit.

03/24/91- 14 hrs pumping. Rec 40 BW w/ a FCP of 53 psi through a 1/4" pos choke. Est gas rate of 78 MCF/D.

03/25/91- 4 hrs pumping. Rec 7 BW w/ a FCP of 0 psi through a 1/4" pos. choke. Est gate rate of 0 MCF/D.

03/26/91- 24 hrs pumping. Rec 75 BW w/ a FCP of 70 psi through a 1/4" pos choke. Est gas rate of 110 MCF/D.

04/03/91- 24 hrs pumping. Rec 32 BW w/ a FCP of 40 psi through a 3/8" pos choke. Est gas rate of 136 MCF/D.

04/04/91- 24 hrs pumping. Rec 22 BW w/ a FCP of 43 psi through a 3/8" pos choke. Est gas rate of 146 MCF/D.

04/05/91- 24 hrs pumping. Rec 22 BW w/ a FCP of 44 psi through a 3/8" pos choke. Est gas rate of 150 MCF/D.

04/06/91- 24 hrs pumping. Rec 17 BW w/ a FCP of 45 psi through a 3/8" pos choke. Est gas rate of 153 MCF/D.

04/08/91- 24 hrs pumping. Rec 22 BW w/ a FCP of 40 psi through a 3/8" pos choke. Est gas rate of 136 MCF/D.

04/09/91- 24 hrs pumping. Rec 8 BW w/ a FCP of 40 psi through a 3/8" pos choke. Est gas rate of 136 MCF/D.

04/10/91- Pump jack down. Well did not flow any gas.

04/11/91- 18 hrs pumping. Rec 33 BW w/ a FCP of 35 psi through a 3/8" pos choke. Est gas rate of 119 MCF/D.

04/12/91- Pump jack down. No gas to surface.

04/13/91- Waiting on cleanout. No gas to surface.

04/14/91- Waiting on cleanout. No gas to surface.

04/15/91- Waiting on cleanout. No gas to surface.

04/16/91- Waiting on cleanout. No gas to surface.

04/17/91- Cleaned well out. Pump malfunction, did not pump. No gas to surface. TBLR 577. BLTR +62.

04/18/91- 24 hrs pumping. Recovered 90 BW w/ a FCP of 44 psi through a 3/8" pos choke. Estimated gas rate of 150 MCF/D.

04/19/91- Pump jack down. Well did not flow any gas.

04/20/91- Pump jack down. Well did not flow any gas.

04/21/91- Pump jack down. Well did not flow any gas.

04/22/91- Pump jack down. Well did not flow any gas.

04/23/91- 24 hrs pumping. Rec 10 BW w/ a FCP of 39 psi through a 3/8" pos choke. Estimated gas rate of 133 MCF/D.

04/24/91- 24 hrs pumping. Rec 13 BW w/ a FCP of 39 psi through a 3/8" pos choke. Estimated gas rate of 133 MCF/D.

04/25/91- Water and gas samples taken. Shut Well In. FINAL REPORT.