

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

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.

**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 77057-3005

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

1725' FNL & 1330' FEL (SW NE)  
Sec. 21, T29N-R12W

5. Lease Designation and Serial No.

NM 06237

6. If Indian, Allottee or Tribe Name

019 FARMINGTON, N.M.

7. If Unit or CA, Agreement Designation

Gallegos Canyon Unit

8. Well Name and No.

Gallegos Canyon Unit 389

9. API Well No.

30-045-28154

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan, New Mexico

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 surveys at the subject well are attached.

RECEIVED  
APR 16 1991  
OIL CON. DIV.  
DIST. 3

RECEIVED  
BLM  
91 MAR 25 PM 2:55  
019 FARMINGTON, N.M.

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

Signed

*Beverly Comer*

Title Production Technician

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

ACCEPTED FOR RECORD  
31/90

FARMINGTON RESERVOIR AREA

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 Instruction on Reverse Side  
NMOC

BHP PETROLEUM (AMERICAS), INC.  
GALLEGOS CANYON UNIT NO. 389  
SECTION 21, T29N-R12W (SW/NE)  
BASIN FRUITLAND COAL FIELD  
SAN JUAN COUNTY, NEW MEXICO

WELL COMPLETION HISTORY

PROJ TD: 1745'

11/06/90- Spud well at 6:15 pm on 11/5/90. Drill 8-3/4" hole to 88'. Drill on boulders down to 50'. Repair rig.

11/07/90- Drill 8-3/4" hole to 140'. LD DC, RU and ran 3 jts 7" 23# K-55 LT&C csg and landed @ 131' KB. RU Western and cmt w/150 sxs Class "B" w/2% CaCl and 1/4# sx cello seal. Obtained full returns w/6 bbls cmt circ to surface. Plug down at 10:30 am on 11/6/90. WOC. NU BOPE. Test BOP and csg to 2000 psi, pipe rams to 1500 psi and annular to 500 psi. Drill out cmt and drill 6-1/4" hole to 602'.

11/08/90- Depth 1740' (1138') Drill 6-1/4" hole to 1740' with 2 surveys. Circulate and condition for logs. Short trip. Dev survey, 1/2° @ 638' & 1146'.

11/09/90- Depth 1752' Finish short trip. Circ & cond for logs. POOH, RU HLS and log well. Logger TD 1752'. Ran DIGL/SDL/GR/DSN/Coal logs. TIH, circ & POH. LD DP & DC. RU & ran 42 jts 4-1/2" 10.5# J-55 8R ST&C csg & landed @ 1737' KB. RU Western & cmt w/230 sxs 50/50 Poz + 2% gel, 10% salt & 1/4# sx cello seal. Tail w/50 sxs Class "B" w/1.2% CF-18. Obtained full to partial returns. Bump plug and release press. Float held. Plug dn @ 11:45 pm on 11/8/90. ND BOP. Jet pits. Release rig at 3:45 am on 11/9/90. Dev survey 1/2° @ 1740' and 1146'.

11/16/90 - 11/30/90- Depth 1752' WOCT.

12/01/90- TD: 1740' PBD: 1691' MIRU. NU BOPE. PU 2-3/8" tbg, 3-7/8" bit and 4-1/2" csg scraper and TIH. Tag PBD at 1691' KB. Circ hole clean w/2% KCL + additives. Pressure test csg and BOP to 25,600 psi. Swab dn to 400' and POH. RU and ran GR/CCL correlation log. GIH w/3-1/8" 90 deg phased premium charged csg gun and perf the Fruitland Coal from 1568-1603' with 4 JSPF. All shots fired, no pressure to surface. SDFN.

12/02/90- TD: 1740' PBD: 1691'. Perfs 1568-1603'. SICP 100 psi. RU BJ and frac stimulate the Fruitland Coal dn 4-1/2" csg w/330 bbls 30# linear gel, 70 Q N/2 foam, & 300# 40/70 Brady sand and 72,000# 20/40 brady sand at 30 BPM. AVG Press 1400 psi, Max press 1550 psi. AVG rate 30 BPM, Max sand conc 4 ppg. TBLR 330. ISIP 1100 psi, 5 min. 1060 psi, 10 min. 1050 psi, 15 min. 1050 psi. 4 hr SICP 975 psi. Open on 3/8" pos. choke at 3:00 p.m.

12/03/90- TD: 1740' PBD: 1691' Perfs 1568-1603'. 16 hr FCP 208 psi, rec 150 BL w/an est gas rate of 600 MCFD TBLR 150 BLTR 180

12/04/90- TD: 1740' PBD: 1691' Perfs 1568-1603'. 24 hr FCP 148 psi, rec 55 bbls load fluid w/an est gas rate of 500 MCFD.

12/05/90- TD: 1740' PBD: 1691' Perfs 1568-1603'. MIRU TIH w/tbg & expandable check, tag sand at 1585'. clean out w/n/2 to PBD. Land tbg w/ 51 jts 2-3/8" 4.7# 8R J-55 EUE 1643' KB with S.N. @ 1610' KB ND. BOPE & NU well head. Pump off & check left well flowing on 3/8" pos choke. TBLR 205 BLTR 125

12/06/90- TD: 1740 PBD: 1691' Perfs 1568-1603' Flowing well through test unit w/a 2" meter run. FTP 180 psi, csg 280 psi. Recovered 58 bbl load w/a gas rate of 887 MCFD. TBLR 263 BLTR 67  
12/07/90- TD: 1740 PBD: 1691' Perfs 1568-1603' Flowing well through test unit w/a 2" meter run. FTP 179 psi, csg 280 psi. Recovered 55 bbl load w/a gas rate of 843 MCFD. TBLR 318 BLTR 12  
12/08/90- TD: 1740 PBD: 1691' Perfs 1568-1603' Flowing well through test unit w/a 2" meter run. FTP 179 psi, csg 280 psi. Recovered 55 bbl load w/a gas rate of 843 MCFD. TBLR 318 BLTR 12  
12/09/90- TD: 1740 PBD: 1691' Perfs 1568-1603' Flowing well through test unit w/a 2" meter run. FTP 180 psi, csg 280 psi. Recovered 20 bbl load w/a gas rate of 827 MCFD. 7 hrs flowing. Pull water & gas samples. SI, waiting on pipeline. TBLR 338 BLTR +08.  
FINAL REPORT.