

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.

5. Lease Designation and Serial No.

SE 078370

Indian, Allottee or Tribe Name

019 FARMINGTON, N.M.

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, Texas 77057

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

(SW/NE) 1395' FNL & 1805' FEL  
Sec. 17-T29N-R12W

7. If Unit or CA, Agreement Designation

Gallegos Canyon Unit

8. Well Name and No.

Gallegos Canyon Unit 388

9. API Well No.

30-045-28153

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 performed at the subject well are attached.

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APR 24 1991  
OIL CON. DIV.  
DIST. 3

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

Signed Beverly Comer

Title Production Technician

Date 2/12/91

(This space for Federal or State office use)

Approved by \_\_\_\_\_

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

Title \_\_\_\_\_

ACCEPTED FOR RECORD  
APR 15 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, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

NNMOOD

FARMINGTON RESOURCE AREA  
1405

02413010

010 1425 00  
0101

BHP PETROLEUM (AMERICAS), INC.  
GALLEGOS CANYON UNIT NO. 388  
SEC. 17, T29N-R12W (SW/NE)  
BASIN FRUITLAND COAL FIELD  
SAN JUAN COUNTY, NEW MEXICO

WELL COMPLETION HISTORY

PROJ TD: 1760'.

9/15/90- MIRU. Spud well @ 1:00 pm on 9/14/90. Drill 8-3/4" hole to 140', circ and cond. POOH, PU and ran 3 jts 7" J-55 20# R-3 csg and set at 133' KB. RU & cmt w/100 sxs Class "B" w/addit. PD at 7:03 pm on 9/14/90. Had full returns w/4 bbls cmt circ to surface.

9/16/90- Drlg @ 1225'. Made 1085'. NU BOPE and test blind rams & pipe rams to 1800 psi. Test annular to 500 psi. Drl out cmt & drl 6-1/4" hole from 140' to 1225'. Dev 1° @ 600' and 1/4° @ 1108'.

9/17/90- Drld to TD @ 1782'. Made 557'. Drill 6 1/4" hole from 1225' to 1782' with survey at TD. Circ and cond mud. Short trip to surf csg. TIH. Tight spot in coal section. Circ and cond for logs. POOH. RU Atlas Wireline. Loggers TD @ 1779'. Ran DIL/SP/GR/FDC/CNL with high resolution runs of the FDC log over coal section. Dev 3/4° @ 1748.

9/18/90- TD 1782'. Finished logging well. TIH, circ & cond hole. POOH and LD DP & DC. RU and ran 42 jts 4-1/2" 10.5# J-55 8R ST&C csg. Land @ 1776' KB. RU Western and pump 1st stage w/200 sxs 50-50 poz w/additives and 2nd stage w/55 sxs Class "B", low fluid loss. Obtained full returns w/12 bbl cmt circ to surface. PD @ 5:00 pm on 9/17/90. Rel rig at 7:00 pm on 9/17/90.

9/19/90-11/13/90- TD 1782'. PBTD: 1746'. WOCT.

11/14/90- Perfs 1590'-1614'. MIRU. PU 3-7/8" bit and 4-1/2" csg scraper and TIH. Found PBTD at 1725'. Circ hole clean w/2% KCL and addit. Press test csg to 2500 psi. OK. Swab fluid down to 500' and TOH. RU perforators and ran a GR/CCL correlation log. GIH w/ 3-1/8" hollow steel carrier gun w/premium charges, 120 deg phasing and perf the Fruitland Coal from 1590' to 1614' with 4 JSPF. SDFN.

11/15/90- 16 hour SICP 110 psi. RU Western and fracture stimulate the Fruitland Coal down 4-1/2" csg with a nitrified 20# gel, 70 quality foam. Pumped 20,000 gal foam pad, 5,000 gal w/1 ppg 40/70, 10,000 gal w/1 ppg 20/40, 10,000 gal w/2 ppg 20/40, 6,000 gal w/3 ppg 20/40, 3,000 gal w/4 ppg 20/40 and flush. Ran SC46 in fluid throughout, SB124 in the 1# & 2# 20/40 and IR192 in the #3 and 4# 20/40 stages. Treating pressure min 1610 psi, max 2100 psi avg 1900 psi avg rate 15 BPM. Load to recover 475 bbl. SIP 1930 psi, 5 min, 1680 psi, 10 min, 1650 psi, 15 min 1640 psi. 4 hour SICP 1410 psi, open well to frac tank on a 3/8" POS choke. 16 hours flowing, FCP 30 psi. BLTR 435.

11/16/90- TIH and tag sand at 1580'. RU and clean out with N/2 to PBTD @ 1725'. TOH with tbg and SWI. TBLR 48 BLTR 427.

11/17/90- 17 hr SICP 230 psi. Blew dn & RU HLS. Ran tracer check log from 1540' to 1648' KB. Frac in zone. PU and ran 50 jts 2- 3/8" 4.7# J-55 8R EUE tbg and land @ 1635' KB w/ SN at 1602' KB. ND BOP and NU well head. RU & made one swab run, tag fluid at 1200'. Well

kick off flowing on a 3/8" POS choke. FTP 20 psi. TBLR 50 BLTR 425.  
11/18/90- Well died. Prepare to put on pump. TBLR 60 BLTR 415.  
11/19/90- Well kicked off flowing. TBLR 60 BLTR 415.  
11/20/90- 24 hours flowing on a 3/8" POS choke. FTP 20 psi, csg 75 psi. TBLR 132 BLTR 343.  
11/21/90- 24 hours flowing on a 3/8" POS choke. FTP 15 psi, csg 71 psi. TBLR 162 BLTR 313.  
11/22/90- 24 hours flowing on a 3/8" POS choke. FTP 15 psi, csg 71 psi. TBLR 199 BLTR 276. 95,546  
11/23/90- 24 hours flowing on a 3/8" POS choke. FTP 15 psi, csg 79 psi. TBLR 236 BLTR 239. TAC: 95,546  
11/24/90- 24 hours flowing on a 3/8" POS choke. FTP 15 psi, csg 80 psi. TBLR 272 BLTR 203.  
11/25/90- 24 hours flowing on a 3/8" POS choke. FTP 15 psi, csg 80 psi. TBLR 308 BLTR 167.  
11/26/90- 24 hours flowing on a 3/8" POS choke. FTP 15 psi, csg 80 psi. TBLR 338 BLTR 137.  
11/27/90- 24 hours flowing on through test production unit with a 2" meter run. 500 x 250# x 100" x 2". FTP 53 psi, csg 105 psi. TBLR 367 BLTR 118.  
11/28/90- 24 hrs flowing thru test production unit w/ a 2" meter run .500 x 250# x 100" x 2". FTP 52 psi csg 110 psi. Gas rate of 20 MCF/D. TBLR 393 BLTR 82.  
11/29/90- 24 hrs flowing thru test production unit w/ a 2" meter run .500 x 250# x 100" x 2". FTP 51 psi csg 122 psi. Gas rate of 20 MCF/D. TBLR 426 BLTR 49.  
11/30/90- 24 hrs flowing thru test production unit w/ a 2" meter run .500 x 250# x 100" x 2". FTP 53 psi csg 120 psi. Gas rate of 23 MCF/D. TBLR: 451 BLTR 24.  
12/01/90- 24 hrs flowing thru test production unit w/ a 2" meter run .500 x 250# x 100" x 2". FTP 60 psi csg 130 psi. Gas rate of 27 MCF/D. TBLR: 471 BLTR 4.  
12/03/90- 24 hrs flowing thru test production unit w/ a 2" meter run .500 x 250# x 100" x 2". FTP 51 psi csg 130 psi. Gas rate of 28 MCF/D. TBLR 530 BLTR +55.  
12/04/90- 24 hrs flowing thru test production unit w/ a 2" meter run . 500 x 250# x 100" x 2". FTP 51 psi csg 125 psi. Gas rate of 27 MCF/D. TBLR 557 BLTR +82.  
12/05/90- 24 hrs flowing thru test production unit w/ a 2" meter run . 500 x 250# x 100" x 2". FTP 54 psi csg 150 psi. Gas rate of 29 MCF/D. TBLR 581 BLTR +106.  
12/06/90- 24 hrs flowing thru test production unit w/ a 2" meter run . 500 x 250# x 100" x 2". FTP 51 psi csg 155 psi. Gas rate of 28 MCF/D. TBLR 604 BLTR +129.  
12/07/90- 24 hrs flowing thru test production unit w/ a 2" meter run . 500 x 250# x 100" x 2". FTP 33 psi csg 122 psi. Gas rate of 31 MCF/D. TBLR 629 BLTR +154.  
12/08/90- 24 hrs flowing thru test production unit w/ a 2" meter run . 500 x 250# x 100" x 2". FTP 30 psi csg 132 psi. Gas rate of 32 MCF/D. TBLR 649 BLTR +174.  
12/09/90- 24 hrs flowing thru test production unit w/ a 2" meter run . 500 x 250# x 100" x 2". FTP 35 psi csg 130 psi. Gas rate of 37 MCF/D. TBLR 674 BLTR +199.  
12/10/90- 24 hrs flowing thru test production unit w/a 2" meter run

. 500 x 250# x 100" x 2". FTP 32 psi csg 128 psi. Gas rate of 39 MCF/D. TBLR 696 BLTR +221.

12/11/90- 24 hrs flowing thru test production unit w/a 2" meter run . 500 x 250# x 100" x 2". FTP 32 psi csg 122 psi. Gas rate of 40 MCF/D. TBLR 719 BLTR +244.

12/12/90- 24 hrs flowing thru test production unit w/a 2" meter run . 500 x 250# x 100" x 2". FTP 34 psi csg 135 psi. Gas rate of 40 MCF/D. TBLR 741 BLTR +266.

12/13/90- 24 hrs flowing thru test production unit w/a 2" meter run . 500 x 250# x 100" x 2". FTP 32 psi csg 132 psi. Gas rate of 40 MCF/D. TBLR 768 BLTR +293.

12/14/90- 24 hrs flowing thru test production unit w/a 2" meter run . 500 x 250# x 100" x 2". FTP 38 psi csg 120 psi. Gas rate of 40 MCF/D. TBLR 793 BLTR +318.

12/15/90- 24 hrs flowing thru test production unit w/a 2" meter run . 500 x 250# x 100" x 2". FTP 38 psi csg 125 psi. Gas rate of 40 MCF/D. TBLR 810 BLTR +335.

12/16/90- 24 hrs flowing thru test production unit w/a 2" meter run . 500 x 250# x 100" x 2". FTP 38 psi csg 120 psi. Gas rate of 40 MCF/D. TBLR 840 BLTR +365.

12/17/90- 24 hrs flowing thru test production unit w/a 2" meter run . 500 x 250# x 100" x 2". FTP 32 psi csg 119 psi. Gas rate of 40 MCF/D. TBLR 865 BLTR +390.

12/18/90- 24 hrs flowing thru test production unit w/a 2" meter run . 500 x 250# x 100" x 2". FTP 35 psi csg 135 psi. Gas rate of 40 MCF/D. TBLR 882 BLTR +407.

12/19/90- 24 hrs flowing thru test production unit w/a 2" meter run . 500 x 250# x 100" x 2". FTP 43 psi csg 145 psi. Gas rate of 40 MCF/D. TBLR 902 BLTR +427.

12/20/90- 24 hrs flowing thru test production unit w/a 2" meter run . 500 x 250# x 100" x 2". FTP 33 psi csg 115 psi. Gas rate of 40 MCF/D. TBLR 922 BLTR +447.

12/21/90- 24 hrs flowing thru test production unit w/a 2" meter run . 500 x 250# x 100" x 2". FTP 38 psi csg 128 psi. Gas rate of 40 MCF/D. TBLR 947 BLTR +422.

12/22/90- 24 hrs flowing thru test production unit w/a 2" meter run . 500 x 250# x 100" x 2". FTP 34 psi csg 140 psi. Gas rate of 40 MCF/D. TBLR 962 BLTR +437.

12/23/90- 24 hrs flowing thru a 3/8" pos choke. FTP 45 psi csg 140 psi. Gas rate of 40 MCF/D. TBLR 979 BLTR +454.

12/24/90- 24 hrs flowing thru a 3/8" pos choke. FTP 40 psi csg 150 psi. Gas rate of 40 MCF/D. TBLR 1002 BLTR +477.

12/25/90- 24 hrs flowing thru a 3/8" pos choke. FTP 38 psi csg 152 psi. Gas rate of 50 MCF/D. TBLR 1017 BLTR +492.

12/26/90- 24 hrs flowing thru a 3/8" pos choke. FTP 38 psi csg 152 psi. Gas rate of 50 MCF/D. TBLR 1040 BLTR +515.

12/27/90- 24 hrs flowing thru a 3/8" pos choke. FTP 38 psi csg 145 psi. Gas rate of 50 MCF/D. TBLR 1065 BLTR +540.

12/28/90- 24 hrs flowing thru a 3/8" pos choke. FTP 38 psi csg 142 psi. Gas rate of 50 MCF/D. TBLR 1083 BLTR +580.

12/29/90- 24 hrs flowing thru a 3/8" pos choke. FTP 38 psi csg 143 psi. Gas rate of 50 MCF/D. TBLR 1101 BLTR +576.

12/30/90- 24 hrs flowing thru a 3/8" pos choke. FTP 38 psi csg 143 psi. Gas rate of 50 MCF/D. TBLR 1118 BLTR +593.

12/31/90- SWI. WO pipeline connection. TBLR 1118 BLTR +593. TAC:  
\$100,346. FINAL REPORT.