

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.
SF-047019(B)

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 517

9. API Well No.

30-045-28156

10. Field and Pool, or Exploratory Area

W. Kutz Pictured Cliffs

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, Texas 77057

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

SE/NE Section 18, T28N-R11W
1465' FNL & 795' FEL

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

MAY 17 1991

OIL CON. DIV.
DIST. 3

ACCEPTED FOR RECORD

MAY 10 1991

FARMINGTON RESOURCE AREA

BY [Signature]

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

Signed Beverly Comer

Title Production Technician

Date 4/19/91

(This space for Federal or State office use)

Approved by

Title

Date

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 Instruction on Reverse Side

NMOCD

BHP PETROLEUM (AMERICAS), INC.
GALLEGOS CANYON UNIT NO. 517
SEC. 18, T28N-R11W (SE/NE)
WEST KUTZ PICTURED CLIFFS
SAN JUAN COUNTY, NEW MEXICO

WELL COMPLETION HISTORY

12/01/90- MIRU, spud well at 2:00 pm on 11/30/90. Drill 8-3/4" hole to 148' KB. LD DC, RU and ran 3 jts 7" K-55 8R R-3 csg and landed at 143' KB. RU Western and cement w/125 sxs Class "B" w/2% CaCl and 1/4# sx Cello Seal. Obtained full returns w/5 bbl cement circ to surface. Plug dn at 7:15 pm on 11/30/90. WOC 5 hrs and NU BOPE. Press testing BOPE. Bit No. 1 8-3/4" Varel RR in at 10', out at 148'. Jets 1/32 2/12. WOB all, RPM 100 psi 1000, SPM 60, W 8.2, Vis 40. Drill 3-1/4 hrs, lub rig 1/4 hr, run csg & cmt 2-1/4 hrs, WOC 5 hrs, NUBOP/test 5-1/2 hrs, lay dn DP 3/4 hrs. DMC: \$600 DC: \$10,980

12/02/90- No report.

12/03/90- TD 1520' (507') Drill 6-1/4" hole to 1520' with one survey. Rig pump out, shut dn for rig repair. Bit No. 2 Varel V517 Ser No. 56255 in @ 148'. WOB all, RPM 70 psi 1000 SPM 60 MW 8.8 VIs 30 PV/YP 5/2 WL 14 pH 10 FC/32 1/32 Solids 3 % sand 2 Drill 14-3/4 hrs, lub rig 3/4 hr, rep rig 8-1/4 hrs, survey 1/4 hr. Dev Survey 1/2 ° @ 638', 3/4 ° @ 1232'. DMC: \$300 CMC: \$1200 DC: \$6,420 TAC: \$27,300

12/04/90- TD 1692' (172') Rig repair. Drill 6-1/4" hole to 1692' Circ and condition hole. Short trip to DC. POH RU HLS loggers TD 1693'. Ran DIL/SP/GR/SDL/DSN:Coal log. TIH w/DP, circ and condition hole, POH LD DP & DC. RU to run 4-1/2" csg. Bit No. 2 Varel V517 Ser No. 56255 in @ 148', out @ 1692'. WOB all, RPM 70 psi 1000 SPM 60 MW 9.1 Vis 65 PV/YP 16/11 WL 8 pH 90 FC/32 21/32 Solids 53 % sand 1/4. Drill 4-1/4 hrs, lub rig 1/2 hr, rep rig 7-1/4 hrs, cond & circ 1 hr, trip 4 hrs, WL logs 3-1/2 hrs, lay dn DP 3-1/2 hrs. DMC: \$400 CMC: \$1600 DC: \$11,484 TAC: \$38,784

12/05/90- TD 1692' (172') Ran 42 jts 4 1/2" 10.5# J-55 8R st&c csg & landed @ 1685' KB. RU western & cement w/570 sks 50/50 poz, 2% gel, 10% salt, 1/4# sk cello seal & tail w/25 sks class "B" w/1.2% CF18 low fluid loss. Obtained full returns w/25 bbl cement to surface. Bumped plug & float held. Plug down @ 11:45 a.m. on 12/04/90. ND BOPE & jet pits. released rig @ 3:45 p.m. on 12/4/90. WOCT. Bit No.1 VAREL Ser no. RR in @ 10' out @ 148'. Bit No.2 VAREL V517 Ser no. 56255 in @ 148', out @ 1692'. WOB all, RPM 70 psi 1000 SPM 60 lub rig 1/4 hr, run csg & cmt 4 1/2 hrs, N.D BOP & Jet 4 hrs, DMC: \$0 CMC: \$1600 DC: \$21,762 TAC: \$60,546 WOCT.

12/06/90-12/21/90- TD 1692' DMC: \$0 CMC: \$1600 DC: \$21,762 TAC: \$60,546 WOCT.

12/22/90-12/27/90- TD 1692' DMC: \$0 CMC: \$1600 DC: \$21,762 TAC: \$60,546 WOCT.

12/28/90- TD 1692' DMC: \$0 CMC: \$1600 DC: \$21,762 TAC: \$60,546 WOCT.

12/29/90- TD 1692' DMC: \$0 CMC: \$1600 DC: \$21,762 TAC: \$60,546 WOCT.

12/30/90- TD 1692' DMC: \$0 CMC: \$1600 DC: \$21,762 TAC: \$60,546

WOCT'.

02/24/91- TD 1692' PBTD 1666' MIRU. PU bit and csg scraper on 2-3/8" tbg and tally in hole. Found PBTD at 1590' B. WO power swivel to drill out cement. DC: \$1,800 TACC: \$1,800 TAC: \$62,346

02/25/91- TD: 1692' PBTD 1666' W/O power swivel to drill out cement. DC: \$00 TACC: \$1,800 TAC: \$62,346

02/26/91- TD: 1692' PBTD 1666' Perfs 1548-1594' MIRU power swivel and drill out cmt from 1589' to PBTD at 1663'. RD power swivel and circ w/2% KCL and additives. Press test BOPE and csg to 2500 psi. POOF w/tbg. RU Electric Line and run GR/CCL logs. Perf the Picture Cliffs from 1548' to 1594' with 3-1/8" premium charged 90° casing gun at 4 JSPF. No pressure to surf. RD Electric Line. All shots fired. SDFN. DC: 7,300 TACC: \$9,100 TAC: \$69,646

02/27/91- TD: 1692' PBTD 1666' Perfs 1548-1594' SI csg 130 psi. RU Western. Fracture stimulate the Picture Cliffs down 4-1/2" csg w/54,000 gal 25# gel 70 quality foam and 88,000# 12/20 Brady sand. Max treating press 2110 psi, min 1110 psi, avg 1280 psi. Avg inj rate 25 BPM. Max sand concentration 5 ppg. Load to recover 393 bbl. ISIP 1570. Bleed back to induce closure. 15 min 1580 psi. 3 hr SI 820 psi. Open well to frac tank on a 3/8" pos choke. Well died in 30 min. TBLR 0 BLTR 393 Days 4. DC: 30,600 TACC: \$39,700 TAC: \$100,2646

02/28/91- TD: 1692' PBTD 1666' Perfs 1548-1594' Well dead. MIRU PU tbg and TIH. Tag sand at 1200'. Clean out to PBTD with N/2. Kill well w/2% KCL and additives. Pull up land tubing with 49 jts 2-3/8" 4.7# 8R J-55 EUE at 1603' KB w/SN at 1571' KB. ND BOPE, NU well head. Unload well with N/2 and left flowing on a 3/8" pos choke. TBLR 0 BLTR 353 Days 5. DC: 8,900 TACC: \$48,600 TAC: \$109,146

03/01/91- TD: 1692' PBTD 1666' Perfs 1548-1594' 20 Hours flowing on a 3/8" pos choke. FTP 360 psi, FCP 450 psi. Recovered 91 bbl water with an est gas rate of 600 MCF/D. TBLR 91 BLTR 362 Days 6. DC:\$00 TACC: \$48,600 TAC: \$109,146

03/02/91- TD: 1692' PBTD 1666' Perfs 1548-1594' 24 Hours flowing on a 3/8" pos choke. FTP 355 psi, FCP 440 psi. Recovered 35 bbl water with an est gas rate of 600 MCF/D. TBLR 126 BLTR 327 Days 7. DC:\$00 TACC: \$48,600 TAC: \$109,146

03/03/91- TD: 1692' PBTD 1666' Perfs 1548-1594' 24 Hours flowing on a 3/8" pos choke. FTP 330 psi, FCP 435 psi. Recovered 40 bbl water with an est gas rate of 580 MCF/D. TBLR 166 BLTR 287 Days 8. DC:\$00 TACC: \$48,600 TAC: \$109,146

03/04/91- TD: 1692' PBTD 1666' Perfs 1548-1594' 24 Hour SICP 490 psi. Waiting on test unit. TBLR 166 BLTR 287 Days 9. DC:\$00 TACC: \$48,600 TAC: \$109,146

03/05/91- TD: 1692' PBTD 1666' Perfs 1548-1594' 48 Hour SICP 490 psi. Waiting on test unit. TBLR 166 BLTR 287 Days 10. DC:\$00 TACC: \$48,600 TAC: \$109,146

03/06/91- TD: 1692' PBTD 1666' Perfs 1548-1594' 72 Hour SICP 495 psi. Waiting on test unit. TBLR 166 BLTR 287 Days 11. DC:\$00 TACC: \$48,600 TAC: \$109,146

03/07/91- TD: 1692' PBTD 1666' Perfs 1548-1594' 96 Hour SICP 495 psi. Waiting on test unit. TBLR 166 BLTR 287 Days 12. DC:\$00 TACC: \$48,600 TAC: \$109,146

03/08/91- TD: 1692' PBTD 1666' Perfs 1548-1594' 120 Hour SICP 495

psi. Waiting on test unit. TBLR 166 BLTR 287 Days 13. DC:\$00 TACC: \$48,600 TAC: \$109,146

03/09/91- TD: 1692' PBTD 1666' Perfs 1548-1594' 19 hours flowing through test separator w/2" meter run, FTP 340 psi, FCP 435 psi. Recovered 52 bbl water w/ estimated gas rate of 1,200 MCF/D. TBLR 218 BLTR 235 Days 14 DC: \$1,000 TACC: \$49,600 TAC: \$110,146

03/10/91- TD: 1692' PBTD 1666' Perfs 1548-1594' 24 hours flowing through test separator w/2" meter run, FTP 340 psi, FCP 435 psi. Recovered 05 bbl water w/ estimated gas rate of 1,200 MCF/D. TBLR 223 BLTR 230 Days 15 DC: \$000 TACC: \$49,600 TAC: \$110,146

03/11/91- TD: 1692' PBTD 1666' Perfs 1548-1594' 24 hours flowing through test separator w/2" meter run, FTP 320 psi, FCP 425 psi. Recovered 13 bbl water w/ estimated gas rate of 1,200 MCF/D. TBLR 236 BLTR 217 Days 16 DC: \$200 TACC: \$49,800 TAC: \$110,346

03/12/91- TD: 1692' PBTD 1666' Perfs 1548-1594' 24 hours flowing through test separator w/2" meter run, FTP 300 psi, FCP 410 psi. Recovered 42 bbl water w/ estimated gas rate of 1,200 MCF/D. TBLR 278 BLTR 175 Days 17 DC: \$000 TACC: \$49,800 TAC: \$110,346

03/13/91- TD: 1692' PBTD 1666' Perfs 1548-1594' Shut well in. TBLR 278 BLTR 175 Days 18 DC: \$300 TACC: \$50,100 TAC: \$110,646

03/14/91- TD: 1692' PBTD 1666' Perfs 1548-1594' 24 hour SITP 450 psi, SICP 480 psi. TBLR 278 BLTR 175 Days 19 DC: \$000 TACC: \$50,100 TAC: \$110,646

03/15/91- TD: 1692' PBTD 1666' Perfs 1548-1594' 48 hour SITP 478 psi, SICP 490 psi. TBLR 278 BLTR 175 Days 20 DC: \$000 TACC: \$50,100 TAC: \$110,646

03/16/91- TD: 1692' PBTD 1666' Perfs 1548-1594' 72 hour SITP 485 psi, SICP 495 psi. TBLR 278 BLTR 175 Days 21 DC: \$000 TACC: \$50,100 TAC: \$110,646

03/17/91- TD: 1692' PBTD 1666' Perfs 1548-1594' 96 hour SITP 490 psi, SICP 495 psi. TBLR 278 BLTR 175 Days 22 DC: \$000 TACC: \$50,100 TAC: \$110,646

03/18/91- TD: 1692' PBTD 1666' Perfs 1548-1594' 120 hour SITP 490 psi, SICP 495 psi. TBLR 278 BLTR 175 Days 23 DC: \$000 TACC: \$50,100 TAC: \$110,646

03/19/91- TD: 1692' PBTD 1666' Perfs 1548-1594' 144 hour SITP 490 psi, SICP 495 psi. **Drop from report** DC: \$000 TACC: \$50,100 TAC: \$110,646