

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

**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)

(NW/NE) 1075' FNL & 1655' FEL  
Section 28-T29N-R12W

5. Lease Designation and Serial No.

NM 03526

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 510

9. API Well No.

30-045-28311

10. Field and Pool, or Exploratory Area

W. Kutz Pictured Cliffs

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 survey information performed at the subject well are attached.

**RECEIVED**  
JUN 24 1991  
OIL CON. DIV.  
DIST. 3

**ACCEPTED FOR RECORD**  
JUN 24 1991  
FARMINGTON RESOURCE AREA  
W. Kutz

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

Signed

*Beverly Comer*

Title Production Technician

Date 5/30/91

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

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

**KIMCOCD**

BHP PETROLEUM (AMERICAS), INC.  
GALLEGOS CANYON UNIT NO. 510  
SEC. 28-T29N-R12W (NW/NE)  
WEST KUTZ PICTURED CLIFFS  
SAN JUAN COUNTY, NEW MEXICO

WELL COMPLETION HISTORY

01/23/91- Depth 145'. MIRU Spud well at 10:30 pm on 1/22/91. Drill 8-3/4" hole to 145' KB. RU and ran 3 jts 7" 20# K-55 8R R-3 csg and landed at 136' KB. RU Western and cemented with 120 sxs Class "B" with 3% CaCl and 1/4# sx Cello Seal. Obtained full returns with 6 bbl cement circulated to surface. Plug dn at 6:00 am on 1/23/91. WOC. Bit No 1 8-3/4" HTC J11 Ser No 086W1 in at 10' out @ 145'. WOB all @ 100 RPM psi 800 SPM 60 MW 8.7 Vis 65 DCs 14-4-3/4. Jets 1/32 3/12. Drill 4-1/2 hrs, cond & circ 1/4 hr lub rig 1/4 hr run csg & cmt 1-3/4 hrs WOC 1 hr lay dn DP 3/4 hr. DMC: \$500 DC: \$11,800

01/24/91- Depth 450' (305') WOC. NUBOPE pressure test casing and blind rams to 1500 psi, pipe rams to 1000 psi and annular to 500 psi. Drill out cement and drill 6-1/4" hole to 450'. Bit No 2 6-1/4" Varel V517 Ser No 55706 in at 145'. Jets 1/32 3/14. WOB all @ 800 RPM psi 600 SPM 60 MW 8.7 Vis 65 DCs 14-4-3/4. Drill 9 hrs, lub rig, WOC 4 hr, NU BOP/Test 9-1/2 hrs, drill cmt 1-1/4 hrs. DMC: \$500 CMC: \$1,000 DC: \$5,250 TAC: \$17,050

01/25/91- Depth 1456' (1006') Drill 6-1/4" hole to 1456' with two surveys. Circ and cond hole for logs and short trip. POH, RU HLS, GIH log TD 1458'. Ran DSN/SDL/DIGL/GR/Coal log. RD loggers. TIH with DP. Circ and cond hole. POH, LD DP & DC. Bit No 2 6-1/4 Varel V517 Ser No 55706 in at 145' out at 1456' Jets 1/32 3/14 WOB all @ 80 RPM psi 600 SPM 60 MW 9.0 Vis 75 PV/YP 18/16 Gels 9/22 WL 8 pH 9 FC 2 Solids 4 % sand 1/2. DCs 14-4-3/4. Drill 12-1/2 hrs cond & circ 3/4 hrs trip 4-1/4 hr lub rig 3/4 hr dev survey 3/4° @ 1456' WL logs 3-1/4 hrs lay dn DP 2 hrs. DMC: \$700 CMC: \$1,700 DC: \$19,550 TAC: \$36,600

01/26/91- TD 1456' RU & ran 35 jets 4 1/2" 10.5# J-55 8R ST & C csg & landed at 1451' KB. RU western & cemented w/225 sks 50/50 poz. w/2% gel, 10% salt, 1/4#/sk cello seal & tail w/25 sks class "B" w/1.2% CF-18 low fluid returns w/15 bbl cement circulated to surface. Bump plug, float held. ND BOPE & jet pits. Released rig @ 3:00PM. on 1/25/91. WOCT CMC: \$16,600 TAC: \$53,200

03/01/91- TD 1456' MIRU PU bit & csg scraper & tally in hole. Found PBTD @ 1405' KB. Circ. hole clean w/2% KCL & additives. Pressure test csg & BOPE to 2500 psi. RU Elect Line & ran GR/CCL logs. Perf the Pictured Cliffs from 1317' to 1350' with 3-1/8" premium charged 90° phased csg gun at 4 JSPF. No pressure to surface. RD Electric Line, all shots fired. Day 1 DC: \$5,400 TACC: \$5,400 TAC: \$58,600

03/02/91- TD 1456' PBTD 1405' Perfs 1317-1350'. 0 pressure on well. RU BJ and fracture stimulate the Picture Cliffs dn 4-1/2" csg with 12,100 gal clean fluid, 35# linear gel, 70 quality foam and 90,740 # 12/20 Brady sand at 30 BPM. Max treating pressure 2370 psi, avg 1100 psi, avg rate 30 BPM. Max sand conc. 5 ppg. ISIP 1047 psi, bled back to induce closure. 15 min 900 psi, load to

recover 288 bbl, 4 hr SICP 785 psi. Open well to frac tank on a 3/8" pos choke. BLTR 288 Day 2 DC: \$27,400 TACC: \$32,800 TAC: \$86,000

23/03/91- TD 1456' PBDT 1405' Perfs 1317-1350'. 19 hours flowing through a 3/8" pos choke. FCP 200 psi, recovered 267 bbl water with an est gas rate of 350 MCF/D. TBLR 267 BLTR 21 Days 3 DC: \$6400 TACC: \$33,400 TAC: \$86,600

03/04/91- TD 1456' PBDT 1405' Perfs 1317-1350'. 24 hours flowing through a 3/8" pos choke. FCP 180 psi, recovered 173 bbl water with an est gas rate of 315 MCF/D. TBLR 440 BLTR +152 Days 4 DC: \$300 TACC: \$33,700 TAC: \$86,900

03/05/91- TD 1456' PBDT 1405' Perfs 1317-1350'. 19 hours flowing through a 3/8" pos choke. FCP 150 psi, recovered 145 bbl water with an est gas rate of 256 MCF/D. MIRU. Kill well w/2% KCL and additives. PU tbg and TIH. Tag sand at 1335'. Clean out w/N2 to PBDT. Pull up and land tbg with 42 jts 2-3/8" 4.7# 8RD J-55 EUE at 1357' KB w/SN at 1325' KB. ND BOPE. NU well head. Unload well w/N2. Shut well in. Waiting on test unit. TBLR 585 BLTR +297 Days 5 DC: \$8,200 TACC: \$41,900 TAC: \$95,100

03/06/91- TD 1456' PBDT 1405' Perfs 1317-1350'. 20 hours SICP 284 PSI. Waiting on test unit. TBLR 585 BLTR +297 Days 6 DC: \$000 TACC: \$41,900 TAC: \$95,100

03/07/91- TD 1456' PBDT 1405' Perfs 1317-1350'. 44 hours SICP 284 PSI. Waiting on test unit. TBLR 585 BLTR +297 Days 7 DC: \$000 TACC: \$41,900 TAC: \$95,100

03/08/91- TD 1456' PBDT 1405' Perfs 1317-1350'. 68 hours SICP 275 PSI. Waiting on test unit. TBLR 585 BLTR +297 Days 8 DC: \$000 TACC: \$41,900 TAC: \$95,100

03/09/91- TD 1456' PBDT 1405' Perfs 1317-1350'. MI and set test unit. Open up to unit and well died. WO swab unit. TBLR 585 BLTR +297 Days 9 DC: \$1,000 TACC: \$42,900 TAC: \$96,100

03/10/91- TD: 1456' PBDT 1405' Perfs 1317-1350'. WO swab unit. TBLR 585 BLTR +297 Days 10 DC: \$00 TACC: \$42,900 TAC: \$96,100

03/11/91- TD: 1456' PBDT 1405' Perfs 1317-1350'. W/O swab unit. TBLR 585 BLTR +297 Days 11 DC: \$00 TACC: \$42,900 TAC: \$96,100

03/12/91- TD: 1456' PBDT 1405' Perfs 1317-1350'. RU swab unit. Swabbed 12 bbl in one hour. No gas to surface. Final fluid level 600' from surface. Swabbing unit malfunction. SDFN. TBLR 597 BLTR +309 Days 12 DC: \$700 TACC: \$43,600 TAC: \$96,800

03/13/91- TD: 1456' PBDT 1405' Perfs 1317-1350'. Swabbed 32 bbl water and kicked well off flowing through test unit with 2" meter run. TBLR 629 BLTR +341 Days 13 DC: \$800 TACC: \$44,400 TAC: \$97,600

03/14/91- TD: 1456' PBDT 1405' Perfs 1317-1350'. 19 hours flowing through test unit with a 2" meter run. FTP 105 psi, FCP 230 psi. Recovered 162 bbls water w/a estimated gas rate of 148 MCF/D. TBLR 791 BLTR +503 Days 14 DC: \$800 TACC: \$45,200 TAC: \$98,400

03/15/91- TD: 1456' PBDT 1405' Perfs 1317-1350'. 24 hours flowing through test unit with a 2" meter run. FTP 130 psi, FCP 225 psi. Recovered 88 bbls water w/a estimated gas rate of 144 MCF/D. TBLR 879 BLTR +591 Days 15 DC: \$800 TACC: \$46,000 TAC: \$99,200

03/16/91- TD: 1456' PBDT 1405' Perfs 1317-1350'. 24 hours flowing through test unit with a 2" meter run. FTP 130 psi, FCP 215 psi. Recovered 94 bbls water w/a estimated gas rate of 139 MCF/D. TBLR 973 BLTR +685 Days 16 DC: \$800 TACC: \$46,800 TAC: \$100,000

03/17/91- TD: 1456' PBTD 1405' Perfs 1317-1350'. 24 hours flowing through test unit with a 2" meter run. FTP 130 psi, FCP 205 psi. Recovered 41 bbls water w/a estimated gas rate of 134 MCF/D. TBLR 1014 BLTR +726 Days 17 DC: \$300 TACC: \$47,100 TAC: \$100,300

03/18/91- TD: 1456' PBTD 1405' Perfs 1317-1350'. 24 hours SITP 196, SICP 265. TBLR 1014 BLTR +726 Days 18 DC: \$000 TACC: \$47,100 TAC: \$100,300

03/19/91- TD: 1456' PBTD 1405' Perfs 1317-1350'. 48 hours SITP 196, SICP 265. TBLR 1014 BLTR +726 Days 19 DC: \$200 TACC: \$47,300 TAC: \$100,500

03/20/91- TD: 1456' PBTD 1405' Perfs 1317-1350'. 72 hours SITP 198, SICP 265. TBLR 1014 BLTR +726 Days 20 DC: \$200 TACC: \$47,300 TAC: \$100,500

03/21/91- TD: 1456' PBTD 1405' Perfs 1317-1350'. 96 hours SITP 198, SICP 265. TBLR 1014 BLTR +726 Days 21 DC: \$000 TACC: \$47,300 TAC: \$100,500

03/22/91- TD: 1456' PBTD 1405' Perfs 1317-1350'. 120 hours SITP 198, SICP 265. **SI WOPL.** TBLR 1014 BLTR +726 Days 22 DC: \$000 TACC: \$47,300 TAC: \$100,500 DROP FROM REPORT.