

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
SF 079907

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 511

9. API Well No.

30-045-28365

10. Field and Pool, or Exploratory Area

W. Kutz Pictured Cliffs

11. County or Parish, State

San Juan, New Mexico

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, Texas 77057

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

NW/NW Section 26, T29N-R12W
745' FNL & 1080' FWL

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

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

Signed Beverly Comer

Title Production Technician

Date 4/18/91

(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

NMOCD

BHP PETROLEUM (AMERICAS), INC.
GALLEGOS CANYON UNIT NO. 511
SEC. 26-T29N-R12W (NW/NW)
WEST KUTZ PICTURED CLIFFS
SAN JUAN COUNTY, NEW MEXICO

WELL COMPLETION HISTORY

11/27/90- Depth 145'. MIRU spud well at 3:30 pm on 11/26/90. Drill 8-3/4" hole to 145' KB. LD DC, RU and ran 3 jts 7" 20# K-55 8R R-3 csg and landed at 143' KB. RU Western and cement w/125 sx Class "B" w/2% CaCl and 1/4# sx Cello Seal. Obtained full returns with 7 bbl cement circulated to surface. Plug down at 10:30 pm on 11/26/90. WOC and NU BOPE. Bit No. 1 8-3/4" Smith J22 RR in at 10' out at 145'. ets 1/32 2/12, DCs 14-4 3/4:. WOB all, RPM 110, psi 1000 SPM 60, MW 8.2, Vis 40. Drlg 4 hrs, cond & circ 1/4 hr, trip 1 hr, run csg & cmt 1-3/4 hrs, WOC 5 hrs, NU BOP 3-1/2 hrs. DMC: \$400 DC: \$10,763

11/28/90- Depth 827' (682') NU BOPE and pressure test casing and blind rams to 2000 psi, pipe rams to 1500 psi, annular to 500 psi. Drill out cement and drill 6-1/4" hole to 827' with one survey. Bit No. 2 6-1/4" Varel V517 Ser No 56053 in at 145'. Jets 1/32 2/14, 1/12, DCs 14-4 3/4:. WOB all, RPM 80, psi 1000 SPM 60, MW 8.4, Vis 28, pH 10, WL 14.6, Sand 2%. Drlg 14-3/4 hrs, rep rig 2 hrs, dev survey 1/4 hr, NU BOP/Test 6-1/2 hrs, drill cmt 1/2 hrs. DMC: \$400 CMC: \$800 DC: \$2,982 TAC: \$13,745

11/29/90- Depth 1606' (779') Drilling from 827' to 1606'. TD hole at 8:00 pm. Circulate and condition mud. Short trip up to collars. Ran back to btm, circulated, wait on loggers. TOH, RU loggers and log. TIH and circ and condition hole. Prepare to lay dn pipe. Bit No. 2 Varel V517 Ser No. 56053 in at 145', out at 1606'. Jets 1/32 2/14, 1/13, DCs 14-4 3/4:. WOB all, RPM 80, psi 1000 SPM 60, MW 8.7, Vis 60, pH 9.5, WL 8.0, Sand 1%, PV/YP 18-12, Gels 5116, FC/32 2, Solids 5%. Drlg 12-1/4 hrs, cond & circ 3-3/4 hrs, trip 3 hrs, lub rig 3/4 hrs, log 4 hrs. DMC: \$760 CMC: \$1,560 DC: \$29,319 TAC: \$43,064

11/30/90- TD: 1606' Lay dn drl pipe and collars, RU csg tongs, run 39 jts 4-1/2" 10.5# J-55 8R short thread collars casing. Set at 1595.90' KB. Cmt w/20 bbls scavenger slurry 22 sxs, 323 sxs 50/50 Poz with 2% gel, 10% salt plus 1/4# sx Cello-Seal. Tail in w/50 sxs Class "B" w/12% CF 18. Plug dn at 12:15 pm 11/29/90. Circ back 25 bbls cmt. Flood held OK. Clean pits. Rel rig @ 4:15 pm 11/29/90. Run csg & cmt 3-1/4 hrs, LD drill pipe & collars 2 hrs. DC: \$9,140 TAC: \$52,204

12/28/90-si. TD: 1606' WOCT. TAC: \$52,204

12/29/90-si. TD: 1606' WOCT. TAC: \$52,204

12/30/90-si. TD: 1606' WOCT. TAC: \$52,204

02/22/91- TD: 1606' PBTD: 1571' Perfs 1468-1490' MIRU. PU bit and casing scraper on 2-/38" tbg and tally in hole. Tagged PBTD 1565' KB. Circ hole w/2% KCL and additives. Pressure test BOPE and csg to 2500 psi. POOH w/tbg. RU Electric Line and ran GR/CCL logs. Perf the Picture Cliffs from 1468-1490' with 3-1/8" premium charged 90° casing gun at 4 JSPF. No pressure to surface. RD Electric

Line. All shots fired. SDFN. Day 1 DC: \$6,500 TACC: \$6,500 TAC: \$58,704

02/23/91- TD: 1606' PBDT: 1571' Perfs 1468-1490' 0 Pressure on well. RU BJ and fracture stimulate the Pictured Cliffs dn 4-1/2" csg with 10,164 gal 35# gel, 70 quality foam and 63,900# 12/20 Brady sand at 25 BPM. Max treating press 2100 psi, avg 1150 psi. avg rate 25 BPM. Max sand conc 5 ppg. ISIP 1087 psi/bled back to induce closure. 15 min 969 psi, load to recover 242 bbl. 4 hr SICP 620 psi. Open well to frac tank on a 3/8" pos choke. BLTR 242 Days 2 DC: \$24,100 TACC: \$30,600 TAC: \$82,804

02/24/91- TD: 1606' PBDT: 1571' Perfs 1468-1490' Well flowed 6 hrs, rec 30 bbl. Shut well in. MIRU kill well w/270 KCL and additives. TIH w/tbg and tag sand at 1500'. Circ clean to PBDT w/2% KCL and additives. Pull up and land tbg w/47 jts 2-3/8" 4.7# 8R J-55 EUE at 1529' KB w/SN at 1496' KB. ND BOPE. NU well head. Unload w/N2 and well died in 1 hr. MIRU swab unit. Swab back 65 bbls and well kicked off flowing. Flow well 6 hrs. and shut in. Recovered 80 bbls. Flowing. TBLR 145 BLTR 97 Days 3 DC: \$7,800 TACC: \$38,400 TAC: \$90,604

02/24/91- TD: 1606' PBDT: 1571' Perfs 1468-1490' Well shut in. 38 hrs SITP 405 psi, SICP 485 psi. TBLR 145 BLTR 97 Days 4 DC: \$00 TACC: \$38,400 TAC: \$90,604

02/26/91- TD: 1606' PBDT: 1571' Perfs 1468-1490' Well shut in. 62 hrs SITP 485 psi, SICP 485 psi. TBLR 145 BLTR 97 Days 5 DC: \$200 TACC: \$38,600 TAC: \$90,804

02/27/91- TD: 1606' PBDT: 1571' Perfs 1468-1490' 18 hrs flowing rhrough test separator w/2" meter run. FTP 285 psi, FCP 378 psi, recovered 108 bbl water. Estimated gas rate of 832 MCF/D. TBLR 253 BLTR +11 Days 6 DC: \$1,000 TACC: \$39,600 TAC: \$91,804

02/28/91- TD: 1606' PBDT: 1571' Perfs 1468-1490' 24 hrs flowing through test separator w/2" meter run on a 18/64" choke. FTP 295 psi, FCP 365 psi, recovered 42 bbl water. Estimated gas rate of 771 MCF/D. TBLR 295 BLTR +53 Days 7 DC: \$600 TACC: \$40,200 TAC: \$92,404

03/01/91- TD: 1606' PBDT: 1571' Perfs 1468-1490' 24 hrs flowing through test separator w/2" meter run on a 18/64" choke. FTP 289 psi, FCP 350 psi, recovered 33 bbl water. Estimated gas rate of 703 MCF/D. TBLR 328 BLTR +86 Days 8 DC: \$600 TACC: \$40,800 TAC: \$93,004

03/02/91- TD: 1606' PBDT: 1571' Perfs 1468-1490' 24 hrs SITP 420 psi. SICP 442 psi. TBLR 328 BLTR +86 Days 9 DC: \$000 TACC: \$40,800 TAC: \$93,004

03/03/91- TD: 1606' PBDT: 1571' Perfs 1468-1490' 48 hrs SITP 425 psi. SICP 450 psi. TBLR 328 BLTR +86 Days 10 DC: \$000 TACC: \$40,800 TAC: \$93,004

03/04/91- TD: 1606' PBDT: 1571' Perfs 1468-1490' 72 hrs SITP 445 psi. SICP 455 psi. TBLR 328 BLTR +86 Days 11 DC: \$000 TACC: \$40,800 TAC: \$93,004

03/05/91- TD: 1606' PBDT: 1571' Perfs 1468-1490' 96 hrs SITP 450 psi. SICP 460 psi. TBLR 328 BLTR +86 Days 12 DC: \$000 TACC: \$40,800 TAC: \$93,004

03/06/91- TD: 1606' PBDT: 1571' Perfs 1468-1490' 120 hrs SITP 450 psi. SICP 461 psi. TBLR 328 BLTR +86 Days 13 DC: \$000 TACC: \$40,800 TAC: \$93,004

03/07/91- TD: 1606' PBD: 1571' Perfs 1468-1490' 120 hrs SITP 450
psi. SICP 461 psi. DROP FROM REPORT TBLR 328 BLTR +86 Days 13 DC:
\$000 TACC: \$40,800 TAC: \$93,004