

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.  
SF 080647

6. If Indian, Allottee or Tribe Name

**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**

7. If Unit or CA, Agreement Designation

Gallegos Canyon Unit

8. Well Name and No.

GCU #533

9. API Well No.

10. Field and Pool, or Exploratory Area

West Kutz Pictured Cliff

11. County or Parish, State

San Juan, N.M.

Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

Name of Operator

BHP Petroleum (Americas) Inc.

Address and Telephone No.

5847 San Felipe, #3600, Houston, Texas 77057 713/780-5000

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

1760' FSL and 1170' FWL  
Section 22, T29N, R12W NMPM

**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, Spud 4  
CS9.

☐ 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.)

See attached - Well Completion History

**RECEIVED**  
DEC 26 1992  
OIL CON. DIV.  
DIST. 3

RECEIVED  
BLM  
92 DEC 14 PM 3:54  
OIL CONSERVATION, N.M.

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

Signed

*[Signature]*

Title

Regulatory Affairs Rep.

Date

11/30/92

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

**ACCEPTED FOR RECORD**

Date

DEC 29 1992

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 statement or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side  
NMOC

FARMINGTON RESOURCE AREA

BY

*[Signature]*

**GCU No. 533 Pictured Cliffs San Juan, New Mexico BHP WI 100% AFE:**  
**#9301114 \$138,000**

**10/07/92-** MIRU Aztec Rig #184 with closed mud system. Spud well at 11:00 am on 10/06/92. Drl on boulders to 90'. Finish drlg 8 3/4" hole to 406' KB. Circ and cond. POH w/DP. RU and ran 9 jts of 7" 20# J-55 R-3 8R csg and landed at 402' KB. RU Western and cmtd w/250 sxs of Class "B" w/3% CaCl and 1/4#/sx Cello Seal. Obtained full returns w/15 bbl good cmt circ to surf. Plug dn at 5:00 am on 10/7/92. WOC. Bit No. 1 8 3/4" HTC ATG11 Ser #BE770 in at 15' out @ 406'. WOB all RPM 100 SPM 104 DC: \$21,950 CC: \$21,950

**10/08/92-** WOC. NU BOPE and test blind rams to 2000 psi, pipe rams to 2000 psi andydrill to 500 psi, all ok. TIH and drill 108' of cement in 7" csg. Drill 6 1/4" hole to 1300' w/two surveys. Bit No. 2 6 1/4" Varel V517 Ser #55938 in at 406'. WOB 15 RPM 75 SPM 104 psi 1000. DC: \$13,150 CC: \$35,100

**10/09/92-** Drl 6 1/4" hole to 1700' w/one survey. Cond & circ. Short trip 10 stands. POH to log, RU Schlumberger & Ran DIL/FDC/CNL/GR fm 1699' to 403'. TIH & cond. POH laying dn DP. PU & run 40 jts 4-1/2" 10.5# K-55 8R R-3 ST&C csg & landed @ 1695' KB. RU Western & cmtd w/200 sxs 50/50 Poz. w/2% gel, 10% salt, 1/4#sk Cello Seal and tailed w/20 sx Class "B" low fluid loss. Obtained full returns w/6 bbl good cmt circ to surf. Plug dn @ 1:45 am on 10/09/92 and held. ND and jet pits. Rel rig at 5:45 am on 10/9/92. Bit #2 6 1/4" Varel V517 Ser 55938 in @ 406' out at 1700'. MW 9.5 Vis 58 Pv/YP 11/6 Gels 2/5 WL 15 pH 9 FC/32 2 Solids 4% % sand 1/4 DC: \$30,200 CC: \$65,300 Day from spud 2

**11/12/92-** MIRU JC Well Serv. ND Well head and NU BOPE. PU bit and csg scraper on 2 3/8" tbq and tally in hole. Found PBSD at 1610' KB. Circ hole clean w/2% KCL water and additives. MI, set and fill frac tank. SDFN. Day 1 DC: \$4,100 TACC: \$4,100 CC: \$69,400

**11/13/92-** Press test csg and BOPE to 2500 psi, ok. Swab well dn to 1000' and POH w/tbg. RU Elec Line and ran a GR/CCL log from 1610 to 1300'. POH. GIH and perf the Pictured Cliff from 1537 to 1564' w/ a 3 1/8" csg gun loaded 4 JSPF w/90° phasing shooting a .38 hole. Made 3 runs to perf and had gas to surf on the 2nd run. Heat frac tank to 90° SDFN WO frac crew. Day 2 DC: \$4,100 TACC: \$8,200 TAC: \$73,500

**11/14/92-** SICP 190 PSI. RU DOWELL AND FRACTURE STIMULATE THE PICTURED CLIFF DOWN 4 1/2" CSG. WITH A 20# LINEAR GEL, 70 QUALITY N/2 FOAM SYSTEM AND 90,140# OF 12/20 BRADY SAND @ 30 BPM. MAX. PRESSURE 1900 PSI, AVG. 1200 PSI. AVG. RATE 30 BPM. MAX. SAND CONC. 6 PPG. ISIP 1104 PSI. INDUCE FRACTURE CLOSURE. LOAD TO RECOVER IS 255 BBL. LEFT WELL SHUT IN 4 HOURS FOR GEL BREAK. 4 HOUR SICP 100 PSI. OPEN WELL TO TANK ON A 3/8" POS. CHOKE. AFTER 10 HOURS FLOWING THE WELL WAS SHUT IN. IN THIS TIME 4 CHOKE INSERTS WERE REPLACED ALONG WITH TWO SETS OF FLOW BACK LINES. RAN OUT OF MATERIAL LATE NIGHT. WELL IS FLOWING BACK A LARGE AMOUNTS OF SAND. WELL WAS FLOWING @ 300 PSI ON A 3/8" CHOKE. ESTIMATED GAS VOLUME IS 1020 MCF/D. RECOVERED 42 BBL LOAD. DC: \$27,700 TACC: \$35,900 CC: \$101,200

**11/15/92-** SICP 420 PSI. RU AND KILL WELL WITH 30 BBL 10% KCL WATER. TIH WITH TBG. PLUS EXPENDABLE CHECK ON BOTTOM. TAG SAND AT 1561'

KB. RU AND CLEAN OUT TO PBTD WITH N/2. PULL BACK AND LAND TBG. WITH 49 JTS 2 3/8" 4.7# 8R J-55 EUE AT 1577' KB. KILL WELL WITH 30 BBL 10% KCL WATER. ND BOPE AND NU WELL HEAD. PMP OFF CHECK AND UNLOAD WELL WITH N/2. LEFT WELL FLOWING ON A 3/8" POS. CHOKE. FTP 300 PSI, CSG. 400 PSI. ESTIMATED VOLUME IS 1020 MCF/D. RIG DOWN AND MOVE OFF. FLOW TESTING WELL. DC: \$10,000 TACC: \$5,900 CC: \$111,200

11/16/92- 16 HRS. FLOWING ON A 3/8" CHOKE. FTP 300 PSI, CSG. 375 PSI. RECOVERED 78 BBL LOAD WATER WITH AN ESTIMATED GAS RATE OF 1020 MCF/D. REPLACED ONE POS. CHOKE INSERT. VERY LITTLE SAND, WELL IS CLEANING UP.

11/17/92- 24 hrs flowing on a 3/8" choke. FTP 300 psi csg 355 psi. REC 10 bbl load water w/ an estimated gas rate of 1020 MCF/D. TBLR 205 BLTR 110 Day 5 DC: \$400 TACC: \$46,700 CC: \$112,000

11/18/92- 24 hrs flowing on a 3/8" choke. FTP 300 psi csg 350 psi. REC 08 bbl load water w/ an estimated gas rate of 1020 MCF/D. TBLR 213 BLTR 102 Day 7 DC: \$400 TACC: \$47,100 CC: \$112,400

11/19/92- 24 hrs flowing on a 3/8" choke. FTP 290 psi csg 340 psi. REC 02 bbl load water w/ an estimated gas rate of 986 MCF/D. Shut well in at 1:00 pm. TBLR 215 BLTR 100 Day 8 DC: \$100 TACC: \$47,200 CC: \$112,500

11/20/92- 18 hr SITP 387 psi SICP 387 psi. TBLR 215 BLTR 100 Day 9 DC: \$6,000 TACC: \$53,200 CC: \$118,500