

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.

SF078109

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Gallegos Canyon Unit

8. Well Name and No.

#32
Gallegos Canyon Unit

9. API Well No.

30-045-07558

10. Field and Pool, or Exploratory Area

Basin Fruitland

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.

Address and Telephone No.

5847 San Felipe, #3600, Houston, TX 77057

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

SE/SW Section 7, T28N-R12W

990' FSL & 1650' 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

- ☐ 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

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

Signed

Title Reg. Affairs Representative Date 9/14/92

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

ACCEPTED FOR RECORD

SEP 18 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 statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

NMOCD

AMMUNITION RESOURCE AREA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING
OFFICE FOR NUMBER
OF COPIES REQUIRED

(See other In-
structions on
reverse side)

BLM Roswell District
Modified Form No.
MD60-3160-3

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		3a. Area Code & Phone No. 713/780-5000	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☒ DIFF. RESER. ☒ Other _____			
2. NAME OF OPERATOR BHP Petroleum (Americas) Inc.			
3. ADDRESS OF OPERATOR 5847 San Felipe #3600, Houston, TX 77057			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FSL & 1650' FWL At top prod. interval reported below At total depth			
9a. API Well No. 30-045-07558		14. PERMIT NO. _____ DATE ISSUED _____	
15. DATE STUDDED 5/25/53	16. DATE T.D. REACHED 8/7/53	17. DATE COMPL. (Ready to prod.) 9/7/92	18. ELEVATIONS (OF RKB, RT, GB, ETC.)* GR 5577'/KB 5583'
20. TOTAL DEPTH, MD & TVD 1417'	21. PLUG. BACK T.D., MD & TVD 1407'	22. IF MULTIPLE COMPL., HOW MANY* →	23. INTERVALS DRILLED BY 82-1382
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1342'-1362' Fruitland Coal			25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CN/CCL			27. WAS WELL CORED No
29. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
10-3/4"	32.7#	89'	13-1/4"
7"	20.0#	1381'	8-3/4"
CEMENTING RECORD			
cmt'd w/90 sx Neat			
cmt'd w/134 sx Neat			
AMOUNT PULLED			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8	1364'KB	No packer	
31. PERFORATION RECORD (Interval, size and number)			
1342'-1362' w/a 4" csg gun @ 4JSPP 90 degree phasing w/a 20 gram charge & .50 hole			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
1342'-1362'		540 bbl 30# Crosslink gel & 30,716# 20/40 Brady sand	
33. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
		Flowing	
WELL STATUS (Producing or shut-in)		Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD
9/7/92	24	1/2 POS	→
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.
66	94	→	400
14. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY	
		Fred Lowery	
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Carl Keller</u>		TITLE Reg. Affairs Representative	
		DATE 9/14/92	

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Fruitland Coal	1362'	1342'	Coal			
Pictured Cliffs	1407'	1381'	Sandstone			

38. GEOLOGIC MARKERS

'BHP G.C.U. #32- Basin Fruitland Coal San Juan, NM Sec 7-T28N-R12W
BHP WI 46.607 NRI 40.781 AFE: #9209228 \$75,000

08/08/92- Well testing 15 psi on a 1/4" choke, vol 22 MCF/D. MI RU JC Well Serv. ND Home Made head and NU 7" 2,000 psi well head and BOPE. PU and tally in hole 2-7/8" work string to 1380' KB. Ran swab, no fluid in well. POOH w/tbg. RU Perforators and set a Baker 7" EZ-Drill CIBP at 1377' KB. Press test CIBP to 300 psi, held OK. GIH and perf the Fruitland Coal from 1342' to 1362' using a 4" csg gun at 4 JSPF, 90 ° phasing w/ a 20 gram charge shooting a .50 dia hole. No press to surf, POOH all shots fired. RD perforators. GIH and set a 7" Guiberson Uni-Packer 6 at 1246'KB. TEst pkr to 300 psi, held OK. SDFN. Day 1 DC: \$4,400 CC: \$4,400

08/09/92- MI set fill and filter 3 frac tanks. Swab well dn for frac. Day 2 DC: \$6,250 CC: \$10,650

08/10/92- Waiting on frac crew. Day 3 DC: \$350 CC: \$11,000

08/11/92- Waiting on frac crew. Day 4 DC: \$350 CC: \$11,350

08/12/92- RI BK amd frac stimulate the Fruitland Coal w/540 bbl 30# crosslink gel and 30,716# 20/40 Brady sand. Job screened out on the 4 ppg stage. Max press 3000 psi avg 2000 psi. Avg rate 24 BPM max sand conc 4 ppg 511 bbl load to recover. ISIP 718 psi. 2 hr SITP 0 psi. Rel pkr and POOH w/2-7/8" tbg. Pu 2-3/8" tbg and tally in hole. Tag sand at 1280'. Circ out sand w/2% KCL wtr to PBTD at 1377'. Tag up on CIBP. Pull up and land 2-/38" 4.7# 8R J-55 EUE tbg at 1364' KB. ND BOPE and NU well head. Day 5 DC: BLTR 511 DC: \$24,350 CC: \$35,700

08/13/92- RU swab unit. Swab back 35 bbl load water. No gas to surface. Day 6 DC: TBLR 35 BLTR 476 DC: \$1,300 CC: \$37,000

08/14/92- Swab back 10 bbl load, pulling in sand. No fluid entry. RD swab unit. Day 7 DC: TBLR 45 BLTR 466 DC: \$700 CC: \$37,700

08/15/92- Waiting on N/2 truck to clean out sand. Day 8 DC: TBLR 45 BLTR 466 DC: \$000 CC: \$37,700

08/16/92- RU JC Well Serv. ND well head and NU stripper head, sand at EOT. RU BJ and N/2. Clean out to PBTD. Pull back and land tbg same well flowing on at 30 psi on a 3/8" choke. TBLR 45 BLTR 466 Day 9 DC: \$2,100 CC: \$39,800

08/17/92- 20 hrs flowing on a 3/8" pos choke FTP 48 psi csg press 101 psi. Rec 55 bbl ld wtr w/ an est gas rate of 130 MCF/D TBLR 100 BLTR 411 Day 10 DC: \$0 CC: \$39,800

08/18/92- 24 hrs flowing on a 3/8" pos choke FTP 41 psi csg press 101 psi. Rec 23 bbl ld wtr w/ an est gas rate of 100 MCF/D TBLR 123 BLTR 388 Day 11 DC: \$0 CC: \$39,800

08/19/92- 24 hrs flowing on a 3/8" pos choke FTP 46 psi csg press 102 psi. Rec 18 bbl ld wtr w/ an est gas rate of 110 MCF/D TBLR 141 BLTR 370 Day 12 DC: \$0 CC: \$39,800

08/20/92- 24 hrs flowing on a 3/8" pos choke FTP 52 psi csg press 104 psi. Rec 13 bbl ld wtr w/ an est gas rate of 150 MCF/D TBLR 154 BLTR 357 Day 13 DC: \$0 CC: \$39,800

08/21/92- 24 hrs flowing on a 3/8" pos choke FTP 58 psi csg press 105 psi. Rec 13 bbl ld wtr w/ an est gas rate of 160 MCF/D TBLR 167 BLTR 344 Day 14 DC: \$0 CC: \$39,800

08/22/92- 24 hrs flowing on a 3/8" pos choke FTP 62 psi csg press 107 psi. Rec 10 bbl ld wtr w/ an est gas rate of 190 MCF/D TBLR 177 BLTR 334 Day 15 DC: \$0 CC: \$39,800

08/23/92- 24 hrs flowing on a 3/8" pos choke FTP 64 psi csg press

108 psi. Rec 10 bbl ld wtr w/ an est gas rate of 190 MCF/D TBLR 187
BLTR 324 Day 16 DC: \$0 CC: \$39,800
08/24/92- 24 hrs flowing on a 3/8" pos choke FTP 76 psi csg press
117 psi. Rec 12 bbl ld wtr w/ an est gas rate of 210 MCF/D TBLR 199
BLTR 312 Day 17 DC:\$ 700 CC: \$40,500
08/25/92- 24 hrs flowing on a 1/2" pos choke FTP 62 psi csg press
95 psi. Rec 20 bbl ld wtr w/ an est gas rate of 350 MCF/D TBLR 219
BLTR 292 Day 18 DC:\$ 700 CC: \$40,500
08/26/92- 24 hrs flowing on a 1/2" pos choke FTP 55 psi csg press
90 psi. Rec 15 bbl ld wtr w/ an est gas rate of 325 MCF/D TBLR 234
BLTR 277 Day 19 DC:\$ 000 CC: \$40,500
08/27/92- 24 hrs flowing on a 1/2" pos choke FTP 55 psi csg press
91 psi. Rec 15 bbl ld wtr w/ an est gas rate of 325 MCF/D TBLR 249
BLTR 262 Day 20 DC:\$ 000 CC: \$40,500
08/28/92- 24 hrs flowing on a 1/2" pos choke FTP 57 psi csg press
90 psi. Rec 10 bbl ld wtr w/ an est gas rate of 340 MCF/D TBLR 259
BLTR 252 Day 21 DC:\$ 500 CC: \$41,000
08/29/92- 24 hrs flowing on a 1/2" pos choke FTP 60 psi csg press
92 psi. Rec 20 bbl ld wtr w/ an est gas rate of 350 MCF/D TBLR 279
BLTR 232 Day 22 DC:\$ 000 CC: \$41,000
08/30/92- 24 hrs flowing on a 1/2" pos choke FTP 61 psi csg press
91 psi. Rec 07 bbl ld wtr w/ an est gas rate of 350 MCF/D TBLR 286
BLTR 225 Day 23 DC:\$ 000 CC: \$41,000
08/31/92- 24 hrs flowing on a 1/2" pos choke FTP 61 psi csg press
85 psi. Rec 08 bbl ld wtr w/ an est gas rate of 350 MCF/D TBLR 294
BLTR 217 Day 24 DC:\$ 000 CC: \$41,000
09/01/92- 24 hrs flowing on a 1/2" pos choke FTP 62 psi csg press
88 psi. Rec 21 bbl ld wtr w/ an est gas rate of 350 MCF/D TBLR 315
BLTR 196 Day 25 DC:\$ 000 CC: \$41,000
09/02/92- 24 hrs flowing on a 1/2" pos choke FTP 64 psi csg press
93 psi. Rec 13 bbl ld wtr w/ an est gas rate of 380 MCF/D TBLR 328
BLTR 183 Day 26 DC:\$ 000 CC: \$41,000
09/03/92- 24 hrs flowing on a 1/2" pos choke FTP 66 psi csg press
94 psi. Rec 10 bbl ld wtr w/ an est gas rate of 400 MCF/D TBLR 338
BLTR 173 Day 27 DC:\$ 000 CC: \$41,000
09/04/92- 24 hrs flowing on a 1/2" pos choke FTP 66 psi csg press
94 psi. Rec 08 bbl ld wtr w/ an est gas rate of 400 MCF/D TBLR 346
BLTR 165 Day 28 DC:\$ 000 CC: \$41,000
09/05/92- 24 hrs flowing on a 1/2" pos choke FTP 66 psi csg press
94 psi. Rec 08 bbl ld wtr w/ an est gas rate of 400 MCF/D TBLR 354
BLTR 157 Day 29 DC:\$ 000 CC: \$41,000
09/06/92- 24 hrs flowing on a 1/2" pos choke FTP 66 psi csg press
94 psi. Rec 13 bbl ld wtr w/ an est gas rate of 400 MCF/D TBLR 367
BLTR 144 Day 30 DC:\$ 500 CC: \$41,500
09/07/92- 24 hrs flowing on a 1/2" pos choke FTP 66 psi csg press
94 psi. Rec 07 bbl ld wtr w/ an est gas rate of 400 MCF/D TBLR 374
BLTR 137 Day 31 DC:\$ 9,500 CC: \$51,000
SHUT WELL IN. FINAL REPORT.

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION
310 Old Santa Fe Trail, Room 206
Santa Fe, New Mexico 87503

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT
All Distances must be from the outer boundaries of the section

Operator BHP Petroleum (Americas) Inc.			Lease Gallegos Canyon Unit		Well No. 32
Unit Letter N	Section 7	Township 28N	Range 12W	County San Juan	
Actual Footage Location of Well: 990 feet from the South line and 1650 feet from the West line					
Ground level Elev. 5583' DF	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal	Dedicated Acreage: 266.68 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☐ Yes ☐ No

If answer is "yes" type of consolidation

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Printed Name

Carl Kolbe

Position

Regulatory Affairs Coord.
Company

BHP Petroleum (Americas) Inc.

Date

1/3/92

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Signature & Seal of
Professional Surveyor

ORIGINAL ON FILE

Certificate No.

