

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO. 30-045-07999
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Gallegos Canyon Unit
8. Well No. 1
9. Pool name or Wildcat Basin Fruitland Coal

1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐	
b. Type of Completion: NEW WELL ☐ WORK OVER ☒ DEEPEN ☐ PLUG BACK ☐ DEF. RESVR ☐ OTHER ☐	
2. Name of Operator BHP Petroleum (America) Inc.	
3. Address of Operator 5847 San Felipe, Suite 3600, Houston, TX 77057	
4. Well Location Unit Letter <u>K</u> : <u>1650</u> Feet From The <u>South</u> Line and <u>1650</u> Feet From The <u>West</u> Line Section <u>19</u> Township <u>29N</u> Range <u>12W</u> NMPM <u>San Juan</u> County	

10. Date Spudded 8/23/51	11. Date T.D. Reached 9/15/51	12. Date Compl. (Ready to Prod.) 4/5/92	13. Elevations (DF & RKB, RT, GR, etc.) 5334' KB 5332 GR 5324	14. Elev. Casinghead 5326
15. Total Depth 1317'	16. Plug Back T.D. 1205'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Surf. to 1206'	18. Intervals Drilled By Rotary Tools Cable Tools 1206' to T.D.
19. Producing interval(s), of this completion - Top, Bottom, Name 1168'-1193' Fruitland Coal				20. Was Directional Survey Made
21. Type Electric and Other Logs Run				22. Was Well Cored

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	33#	98'	13"	Cmt'd w/50 sx neat	
5-1/2"	14#	1210#	7-7/8"	Cmt'd w/100 sx neat	
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
25. TUBING RECORD					
SIZE	DEPTH SET	PACKER SET			
2-3/8"	1197 KB	No packer			
26. Perforation record (interval, size, and number) 1168'-1193' w/4" csg. gun w/premium charges, 90 deg. phased @ 4 JSPF.			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 1168'-1193' AMOUNT AND KIND MATERIAL USED 32,100 gal YF/30 fluid 35# ge +93,000# 20/40 sand		

28. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in) Shut-in	
Date of Test 4/4/92	Hours Tested 24	Choke Size 3/8	Prod'n For Test Period	Oil - Bbl.	Gas - MCF 350	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press. 110#	Casing Pressure 145#	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF 350	Water - Bbl.	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented						Test Witnessed By Fred Lowery	
30. List Attachments							

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.
Signature Carl Kolbe Printed Name Carl Kolbe Title Regulatory Affairs Coordinator Date 4/23/92

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland ^{1193'} _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 1168' to 1193'

No. 2, from to

No. 3, from to

No. 4, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology

Submit 3 Copies
to Appropriate
District Office

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Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.

30-045-07999

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name

Gallegos Canyon Unit

8. Well No.

1

9. Pool name or Wildcat

Basin Fruitland Coal

1. Type of Well:

OIL
WELL ☐

GAS
WELL ☒

OTHER

2. Name of Operator

BHP Petroleum (Americas) Inc.

3. Address of Operator

5847 San Felipe, Suite 3600, Houston, TX 77057

4. Well Location

Unit Letter K : 1650 Feet From The South Line and 1650 Feet From The West Line

Section 19 Township 29N Range 12N NMPM San Juan County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11.

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Recompletion ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

See Attached - Well Completion History

RECEIVED

APR 27 1992

OIL CON. DIV.
DIST. 3

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

SIGNATURE

Carl Kolbe

TITLE

Regulatory Affairs Coordinator

DATE

4/23/92

TYPE OR PRINT NAME

Carl Kolbe

TELEPHONE NO.

(713) 780-53

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

GCU #1 (BHP) AFE #9209207 Sec 19 T29N R12W Gallegos Canyon San Juan, NM (BHP WI 46.60% NRI 40.78%)

03/24/92- MIRU JC Well Service. Kill well w/2% KCL water. ND homemade well head and NU 5-1/2" Larken well head. TOH w/57 jts 1" line pipe. ND well head, NU BOPE. PU 5-1/2" bit and csg scaper on 2-7/8" tbg and tally in hole to 1235'. POOH w/bit and scraper. PU 5-1/2" pkr and TIH. Set pkr at 1203' and test csg to 500 psi, held OK. SDFN. Day 1 DC: \$3,300 TACC: \$3,300

03/25/92- POH w/tbg and pkr. RU HLS and ran CBL/CCL/GR/Neutron logs from 1232' to 400'. GIH on wireline and set a CIBP at 1205'. POH and test bridge plug to 300 psi. GIH and perf the Fruitland Coal from 1168' to 1193' w/ a 4" csg gun loaded w/ premium charges, 90 deg phased at 4 JSPF in two runs. All shots fired. No pressure to surface. SDFN. Day 21 DC: \$6,200 TACC: \$9,500

03/26/92-TIH w/ Guiberson pkr on 2-7/8" tbg, set pkr at 1063' and test to 300 psi, held OK. Set fill and filter 2 frac tanks w/ 2% KCL wtr and additives. MI and spot frac equipment. Heat frac tanks to 80 deg. SDFN. Day 3 DC: \$3,800 TACC: \$13,300

03/27/92- - RU Dowell and frac stimulate the Fruitland Coal dn 2-7/8" tbg w/32,100 gal YF 130 fluid 35# gel and 93,000# 20/40 sand. Max press 2300 psi, avg 2000 psi. Avg rate 30 BPM, max sand conc 6 ppg. ISIP 847 psi, 15 min, 567 psi. RD Dowell and left well shut in overnight. Load to recover 764 bbl. BLTR 764 Day 4 DC: \$24,800 TACC: \$38,100

03/28/92- - 19 hr SICP 0 psi. Rel pkr and TOH. LD work string. PU and tally in hole 38 jts 2-3/8" 4.7# J-55 8R EUE tbg and tag sand @ 1193'. Circ clean to PBTD w/60 bbl 2% KCL wtr. Pull back and land tbg at 1197' KB. ND BOPE and NU well head. RU to swab. Swab back 60 bbl in 4 hrs w/the csg press increasing to 150 psi. Tbg would not flow. SDFN. TBLR 60 BLTR 764 Day 5 DC: \$4,500 TACC: \$42,600

03/29/92- - 15 hr SICP 200# psi, SITP 0#. Swab well 3 hrs and kicked off flowing. 16 hrs flowing on a 3/8" pos choke w/ a FTP of 30 psi to 40 psi. Rec 60 bbl load. Shut well in at 3:00 AM DUE TO A FULL WATER TANK. TBLR 60 BLTR 704 Day 6 DC: \$1,600 TACC:\$44,200

03/30/92- - 04 hr SICP 210 psi, SITP 125 psi. Open well to tank on a 3/8" pos choke. Rec 68 bbl load wtr in 23 hrs w/ a FTP of 70 psi. Est gas rate 150 MCF/D. TBLR 128 BLTR 636 Day 7 DC: \$1,000 TACC:\$45,200

03/31/92- - 24 hrs flowing on a 3/8" pos choke. FTP 80 psi csg press 145 psi. Rec 50 bbl load wtr w/ an est gas rate of 225 MCF/D. TBLR 178 BLTR 586 Day 8 DC: \$500 TACC:\$45,700

04/01/92- - 24 hrs flowing on a 3/8" pos choke. FTP 95 psi csg press 145 psi. Rec 50 bbl load wtr w/ an est gas rate of 275 MCF/D. TBLR 228 BLTR 536 Day 9 DC: \$500 TACC:\$46,200

04/02/92- - 24 hrs flowing on a 3/8" pos choke. FTP 100 psi csg press 145 psi. Rec 35 bbl load wtr w/ an est gas rate of 300 MCF/D. TBLR 263 BLTR 501 Day 10 DC: \$500 TACC:\$46,700

GCU #1 (BHP) AFE #9209207 Sec 19 T29N R12W Gallegos Canyon San Juan, NM (BHP WI 46.60% NRI 40.78%)

04/03/92- - 24 hrs flowing on a 3/8" pos choke. FTP 110 psi csg press 145 psi. Rec 22 bbl load wtr w/ an est gas rate of 350 MCF/D. TBLR 285 BLTR 479 Day 11 DC: \$500 TACC:\$47,200

04/04/92- - 24 hrs flowing on a 3/8" pos choke. FTP 110 psi csg
press 145 psi. Rec 25 bbl load wtr w/ an est gas rate of 350 MCF/D.
TBLR 310 BLTR 454 Day 12 DC: \$500 TACC: \$47,700

04/05/92- - 08 hrs flowing on a 3/8" pos choke. FTP 110 psi csg
press 145 psi. Rec 08 bbl load wtr w/ an est gas rate of 350 MCF/D.
Shut well in. TBLR 318 BLTR 446 Day 13 DC: \$500 TACC: \$48,200

04/06/92- 16 hrs SIT 200 psi, SICP 200 psi. TBLR 318 BLTR 446 Day
14 DC: \$0 TACC: \$48,200

04/07/92- 40 hrs SITP 205 psi, SICP 205 psi. TBLR 318 BLTR 446 Day
15 DC: \$0 TACC: \$48,200