

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, Texas 77057

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

Section 13, T28N, R13W, 1980' FNL & 990' FEL

5. Lease Designation and Serial No.

SF 078807-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Gallegos Canyon Unit

8. Well Name and No.

GCU #5

9. API Well No.

30-045-07466

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

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

☐ 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
APR 13 1992
OIL CON. DIV
DIST. 3

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

Signed

Carl Kolbe

Title Regulatory Affairs Coordinator

Date March 24, 1992

(This space for Federal or State office use)

ACCEPTED FOR RECORD

Approved by

Conditions of approval, if any:

Title

Date

APR 04 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.

FARMINGTON RESOURCE AREA

*See Instruction on Reverse Side

BY

SW

NMOCD

GCU #5 BHP Sec 13, T28N-R13W Basin Fruitland Coal, San Juan County, New Mexico (BHP WI 46.607020 NRI 40.781143) AFE #209213 \$75,000

12/17/91- MIRU JC Well Serv, bl well dn and kill w/25 bbl lse wtr. POH w/67 jts 1" tbg, PU 4-3/4" bit & csg scraper on 2-3/8" tbg & tally in hole. Tag btm at 1415'. Scrape btm jt and POOH w/bit and scraper. PU 5-1/2" pkr and TIH. Set pkr at 1330' KB and press up csg to 500 psi. Bleed dn to 400 psi in 15 min. SDFN. DC: \$2850 TACC: \$2850 Day 1

12/18/91- Bleed air off csg. and pressured up csg. to 500 psi, held OK. Pressure up 800 psi and bleed off 700# in one min. Release packer and start out looking csg. leak. Did not find csg. leak. POOH with packer. Unloader valve in packer may be bad and csg. OK. Sent packer in for redress. SDFN.

12/19/91- PU 5-1/2" packer and set at 65', csg would pressure up. Reset at 35', csg. would not pressure up. Reset at 10', csg. would not hold. Change out packer and reset just below well head 2' and csg. held. Ran 5 JTS and csg, would not hold. Well started to circulate back up the surface pipe and on the outside of the surface pipe. We have a hold in the 5-1/2" csg. near the surface and a hole in the surface csg. POH with packer and SDFN.

12/20/91- RU elect. line and ran CCL/CDL from 1381' to 800'. Cement bond looks good. Ran GR/GSL log from 1382' to 1000'. POH W/ logging tools. GIH with cast iron bridge plug on wire line and set at 1375' KB. RD loggers ND BOPE NU well head. RD and move out rig. Suspend operations at land owners request due to very muddy roads.

02/08/92- MIRU JC Well Service. PU and tally in hole w/RBP to isolate csg leak. Csg leak at \pm 170'. Had returns on bradenhead and on the outside of surf pipe. Pump 1 BPM at 300 psi. Set RBP at 375' and dump 8' of sand on top. Ready to squeeze. SDFN. DC: \$1200 TACC: \$16,650 Day 5

02/09/92- RU Cementers Inc. on 5-1/2" and w/surf csg. Valve open pumped cmt at 1/4 BPM w/900 psi. Obtained good cmt returns out the surf csg and on the outside of the surf csg. Pumpd 50 sxs of Class "B" cmt. Rate on the last 25 sxs was 1/2 BPM at 500 psi. Displace cmt to 70' and shut well in. WOC. DC: \$2,000 TACC: \$18,650 Day 6

02/10/92- WOC. Day 7 TACC: \$18,650

02/11/92- NU BOPE, PU bit on 2-7/8" workstring and tally in hole to 362'. No cement in 5-1/2". TOH w/bit. PU retrieving head and TIH to 362'. Test csg to 400 psi, held OK. Circ sand off plug and rel. POH w/BP and LD same. TIH w/tbg to 1374' and circ hole w/2% KCL wtr and additives. POOH w/tbg. RU Perforators and perf the Fruitland Coal from 1348' to 1364' using 3 1/8" csg gun loaded 4 JSPF, 90 deg phased with prem charges. POH, all shots fired. RD Perforators. Shut well in. Fill and filter frac tank. Waiting on frac crew. Day 8 DC: \$5,200 TACC: \$23,850

02/12/92- PU 5-1/2" packer on 2-7/8" tbg and TIH. Set pkr at 1105' and test csg, pkr to 200 psi. Held OI. Heat frac water. SDFN. Waiting on frac crew. Day 9 DC: \$1,700 TACC: \$25,550

02/13/92- RU BJ to frac stimulate the Fruitland Coal dn 2-7/8" tbq w/ a 25# linear gel, 70 quality N/2 foam and 12/20 sand at 20 BPM. Pumped 71 bbl gel pad w/ a max press of 1996 psi avg was 1940 psi. Pumped the 1 ppg 12/20 stage at 2238 psi max press. Started on the 3rd stage of 2 ppg. Job screened out when the 2 ppg hit the perfs. Bleed back and attempt to frac, press too high. Rel pkr and TOH. TIH and tag sand at 1334'. Circ clean to PBD. POOH, PU redressed pkr and TIH. Set pkr at 1120'. Test csg, pkr to 200 psi. SDFN. Schedule refrac for the 14th. Day 10 DC: \$1,600 TACC: \$27,150.

02/14/92- RU BJ to frac stimulate the Fruitland Coal dn 2-7/8" tbq w/ a 35# linear gel, 70 quality N/2 foam and 12/20 sand at 25 BPM. Pumped 128 bbl gel pad w/ a max press of 4095 psi avg was 3350 psi. Pumped the 1/2 ppg 12/20 stage at 2717 psi max press. BJ's blender operator slugged the sand conc at this point up to 4 ppg. They never returned to the pump schedule. Sand conc was dropped back to 2 ppg and within 3 min the job screened out. Pumped at total of 13,962# of sand w/209 bbl fluid. ISIP 5260 psi, max press 5370 psi, avg 3400 psi, 5 min 4737 psi avg rate 22 BPM. BBLs to rec 309 bbl (1st and 2nd days). 4 hr SITP 2300 psi. Open well to frac tank on a 3/8" pos choke. 6 hrs flowing the FTP was 35 psi. BLTR 309 Day 11 DC: \$21,200 TACC: \$48,350.

02/15/92- Well dead, rel pkr and TOH, LD work string. PU and tally inhole 2-3/8" 4.73 J-55 8R EUE tbg and tag sand at 1334'. Could not circ sand out. RU N/2 and clean out to PBTD. Pull up and land tbg with 43 jts at 1365'. ND BOPE, NU well head, unload well w/ N/2. Well will not flow. RD rig and RU swab unit. TBLR 20 BLTR 289 Day 12 DC: \$3,600 TACC: \$51,950

02/16/92- Well dead. Ran Swab fluid level at 500'. Swab back 20 bbl fluid and started to get sand back. ND well head NU BOPE. Circ out 17' of sand to PBTD. ND BOPE NU well head. RU swab. Swab back 20 bbl and started to get sand back. SDFN. TBLR 110 BLTR 299 Day 13 DC: \$1,400 TACC: \$53,350

02/17/92- Sunday, no operation. Day 14 TACC: \$53,350

02/18/92- NU well head, NU BOPE. Circ out 7' sand to PBTD, 35 bbl 2% KCL to break circulation. Circ 20 bbl, ND BOPE, NU well head. RU to swab. Swab back 9 bbl water and started to recover frac sand and coal fines, sand in cups and mandrel. Get ready to put well on pump. TBLR 139 BLTR 325 Day 15 DC: \$1,600 TACC: \$54,950

02/19/92- NU well head, NU BOPE. Circ out 2' sand to PBTD, 35 bbl 2% KCL to break circulation. Circ 25 bbl, ND BOPE, NU well head. PU & GIH w/ 1-1/4" insert pump and 52 3/4" rods. Seat pump and space out. Prepare to set pump jack. TBLR 164 BLTR 335 Day 16 DC: \$15,800 TACC: \$70,750

02/20/92- Prepare to put on pump. TBLR 164 BLTR 335 Day 17. DC: \$0 TACC: \$70,750

02/21/92- Prepare to put on pump.

02/22/92- Set pump jack. Well pumping late afternoon. TBLR 164 BLTR 335 Day 19 DC: \$1300 TACC: \$72,050

02/23/92- 18 hrs pumping, rec 100 bbl load w/ a FCP of 54 psi on a 3/8" pos choke. Est gas rate 175 MCF/D. TBLR 264 BLTR 235 Day 20 DC: \$0 TACC: \$72,050

02/24/92- 24 hrs pumping, rec 23 bbl load w/ a FCP of 64 psi on a 3/8" pos choke. Est gas rate 200 MCF/D. TBLR 287 BLTR 212 Day 21 DC: \$0 TACC: \$72,050

02/25/92- 24 hrs pumping, rec 18 bbl load w/ a FCP of 44 psi on a 1/2" pos choke. Est gas rate 250 MCF/D. TBLR 305 BLTR 194 Day 22 DC: \$0 TACC: \$72,050

02/26/92- 24 hrs pumping, rec 07 bbl load w/ a FCP of 52 psi on a 1/2" pos choke. Est gas rate 300 MCF/D. TBLR 312 BLTR 187 Day 23 DC: \$0 TACC: \$72,050

02/27/92- 24 hrs pumping, rec 10 bbl load w/ a FCP of 55 psi on a 1/2" pos choke. Est gas rate 325 MCF/D. TBLR 322 BLTR 177 Day 24 DC: \$0 TACC: \$72,050

02/28/92- 24 hrs pumping, rec 08 bbl load w/ a FCP of 57 psi on a 1/2" pos choke. Est gas rate 330 MCF/D. TBLR 330 BLTR 169 Day 25 DC: \$0 TACC: \$72,050

02/29/92- 24 hrs pumping, rec 08 bbl load w/ a FCP of 59 psi on a 1/2" pos choke. Est gas rate 350 MCF/D. TBLR 338 BLTR 161 Day 26 DC: \$0 TACC: \$72,050

03/01/92- 24 hrs pumping, rec 05 bbl load w/ a FCP of 61 psi on a 1/2" pos choke. Est gas rate 370 MCF/D. TBLR 343 BLTR 156 Day 27 DC: \$0 TACC: \$72,050

03/02/92- 24 hrs pumping, rec 08 bbl load w/ a FCP of 61 psi on a 1/2" pos choke. Est gas rate 370 MCF/D. TBLR 351 BLTR 148 Day 28 DC: \$0 TACC: \$72,050

03/03/92- 24 hrs pumping, rec 10 bbl load w/ a FCP of 62 psi on a 1/2" pos choke. Est gas rate 370 MCF/D. TBLR 361 BLTR 138 Day 29 DC: \$0 TACC: \$72,050

03/04/92- 12 hrs shut in, csg 204 psi, no tbq pressure. Rods in well. TBLR 361 BLTR 138 Day 30 DC: \$0 TACC: \$72,050

03/05/92- 36 hrs shut in, csg 220 psi, no tbq pressure. Rods in well. TBLR 361 BLTR 138 Day 31 DC: \$0 TACC: \$72,050

03/06/92- 60 hrs shut in, csg 220 psi, no tbq pressure. Rods in well. TBLR 361 BLTR 138 Day 31 DC: \$0 TACC: \$72,050