

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM

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.

Lease Designation and Serial No.
SF 080614

Indian, Allottee or Tribe Name

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, Tx 77057-3005

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

Sec 13, T29N-R13W

820' FNL & 915' FEL (NE/NE)

7. If Unit or CA, Agreement Designation

Gallegos Canyon Unit

8. Well Name and No.

Gallegos Canyon Unit 386

9. API Well No.

30-045-28308

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan, NM

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 Well 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 performed at the subject well are attached.

RECEIVED
APR 24 1991
OIL CON. DIV.
DIST. 3

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

Signed

Beverly Comer

Title

Production Technician

Date

2/12/91

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

ACCEPTED FOR RECORD

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

FARMINGTON RESOURCE AREA

BHP PETROLEUM (AMERICAS), INC.
GALLEGOS CANYON UNIT NO. 386
SEC. 13, T29N-R13W (NE/NE)
BASIN FRUITLAND COAL FIELD
SAN JUAN, NEW MEXICO

WELL COMPLETION HISTORY

PROJ T.D. 1550'.

10/4/90- MIRU. Spud well @ 11:45 a.m. on 10/3/90. Drld 8-3/4" hole to 135' KB and circ clean. RU and ran 3 jts 7" 23# K-55 8R ST&C csg. Set at 133' KB. RU and cmt w/100 sxs Class "B" + 3% CaCl₂ + 1/4# sxs Cello seal. Had full returns w/9 bbls cmt circ to surf. PD @ 6:30 p.m. on 10/3/90. WOC 5 hrs. NU BOPE & test csg & blind rams to 2,000 psi. PU DP to test pipe rams.

10/5/90- Drlg @ 1326'. Test pipe rams to 1,000 psi and annular to 500 psi. TIH. Drld out cmt and drill 6-1/4" hole to 1326' w/survey 3/4" @ 600' and 1000'.

10/6/90- Drld 6-1/4" hole to 1579' TD. Circ & cond. Short trip to 1,000'. Circ clean. POH for logs. RU and logged well. TIH. Circ & cond for csg. POOH. LD DP & DC's. RU & ran 38 jts 4-1/2" 10.5# J-55 8R ST&C csg and landed @ 1576' KB. Cmt w/120 sxs 50/50 poz, 2% gel, 10% salt & 1/4# sx Cello seal. Tail w/75 sxs Class "B" & 1.2% CF-18 @ 15.6 ppg. Had full returns. Bumped plug w/1500# and float held. PD @ 1:30 a.m. 10/6/90. Rel rig @ 5:30 a.m. 10/6/90.

10/07/90- TD 1579'. PBTD 1560'. WOCT.

11/07/90- MIRU. NU BOP. PU bit & csg scraper on 2-3/8" tbg and tally in hole. Found PBTD at 1560'. Circ hole clean w/2% KCL and additives. Press test csg to 2500 psi. Held OK. SDFN.

11/08/90- Swab well dn to 800'. TOOH w/tbg. RU perforator. Ran GR/CCL log to correlate. Perforate the Basin Fruitland Coal from 1373' to 1397' w/3-1/8" hollow steel carrier gun w/premium charges, 120 deg phasing and 2 JSPF. Slight blow after perforating. TIH and set packer at 1342' w/tail jt at 1405'. Swab dn and test. No fluid with 20 MCF/D. 16 hour SITP 270 psi.

11/09/90- RU Western to breakdown. Load tbg and pumped 14 bbl 2% KCL water w/additives at 1900 psi with a rate of 8.9 BPM. SD. ISIP 300 psi. 5 min 0 psi. RU to swab. Swab back load. Well making small amount of gas with no water. Rel packer and swab down. POOH with tbg and packer. SDFN. 16 hour SICP 200 psi.

11/10/90- RU Western to fracture stimulate the Fruitland Coal with 54,000 gal 70 qual foam and 54000# sand at 15 BPM. Pumped 20,000 gal pad at 1520 psi and the 5,000# 40/70 sand 1 ppg at 2,000 psi. Start the 1 ppg 20/40 sand and with 1,600# in the job, screened out at 3,200 psi. Total in formation 6,600# sand. Load to recover 192 bbl. Inj R/A material SC46 in fluid throughout job and SB124 in the 1# 20/40 sand. Min treating pressure 1500 psi, avg 2000 psi, max 3200 psi. Avg rate was 15 BPM. ISIP 2930 psi 15 min. 2570 psi. RD Western and blew well back on a 3/8" choke. Well died in one hour. TIH w/tbg and tag sand at 1450'. Clean out to PBTD with N/2. Flow well on 3/8" choke POS. Choke for one hour. Well died. SWI.

11/11/90- 16 hour SITP 300 psi. Open well on a 1/4" choke. 5

hours flowing FTP 20 psi estimated rate 25 MCF/D. Gas will burn. No fluid recovered. SWI.

11/12/90- 24 hour SITP 330 psi. Open well on a 3/4" choke, blew down in 15 min. No fluid with small amount of gas - 10 to 20 MCF/D. SWI. TBLR 44 BLTR 162.

11/13/90- 24 hour SITP 330 psi. Open well on a 3/4" choke, blew dn in 15 min. No fluid with small amount of gas - 10 to 20 MCF/D. Tag bottom with tbg and TOH. RU perforators and perforate from 1373' to 1397' with 3 1/8" hollow steel carrier gun w/premium charges, 120 deg phasing and 2 JSPF. TIH with tbg and swab down. TOH with tbg. SWI. TBLR 44 BLTR 162.

11/14/90- 16 hour SICP 300 psi. RU Western to re-frac w/41,500 gal MMIB-25 Borate X-linked gel. Pumped 5,000 gal 25# gelled wtr prepad, 5,000 gal MMIB-25 Pad, 2,000 gal MMIB-25 w/1 ppg 40/70, 2,000 gal MMIB-25 spacer, 5,000 gal MMIB-25 w/1 ppg 40/70, 5,000 gal MMIB-25 w/1 ppg 20/40, 10,000 gal MMIB-25 w/2 ppg 20/40, 5,000 gal MMIB-25 w/3 ppg 20/40, 2,500 gal MMIB-25 w/4 ppg 20/40 and flushed w/ 25# gelled water. Min treating pressure 950 psi, max 1390 psi, avg 530 psi, 10 min 490 psi, 15 min 450 psi. 8 hour SICP 0 psi.

11/15/90- 20 hour SICP 0 psi. TIH with tbg and tag sand at 1375' KB. Circ dn to PBDT with 2% KCL and addit. Pull up and land tbg at 1417' KB. ND BOP and NU well head. RU to swab. Swab back 40 BL and well started to kick, 150 psi on csg. SDFN. TBLR 84 BLTR 1146.

11/16/90- TIH with pump and rods. RD and move out. Setting pumping unit. TBLR 84 BLTR 1146.

11/17/90- 24 hrs pumping and measuring gas on csg w/a 2" orifice well tester. 117 MCF/D TBLR 134 BLTR 1096.

11/18/90- 113 MCF/D TBLR 182 BLTR 1048.

11/19/90- 121 MCF/D TBLR 222 BLTR 1008.

11/20/90- 117 MCF/D. TBLR 267 BLTR 963.

11/21/90- 130 MCF/D. TBLR 312 BLTR 918.

11/22/90- 128 MCF/D. TBLR 359 BLTR 871.

11/23/90- 118 MCF/D. TBLR 389 BLTR 901.

11/24/90- 113 MCF/D. TBLR 414 BLTR 876.

11/25/90- 106 MCF/D. TBLR 439 BLTR 851.

11/26/90- 143 MCF/D. TBLR 471 BLTR 819.

11/27/90- 134 MCF/D. TBLR 496 BLTR 844.

11/28/90- 155 MCF/D. TBLR 516 BLTR 824.

11/29/90- 140 MCF/D. TBLR 545 BLTR 795.

11/30/90- 140 MCF/D. TBLR 574 BLTR 766.

12/01/90- 155 MCF/D. TBLR 617 BLTR 723.

12/03/90- 150 MCF/D. TBLR 699 BLTR 641.

12/04/90- 155 MCF/D. TBLR 736 BLTR 604.

12/05/90- 155 MCF/D. TBLR 769 BLTR 571.

12/06/90- 168 MCF/D. TBLR 809 BLTR 531.

12/07/90- 168 MCF/D. TBLR 846 BLTR 494.

12/08/90- 168 MCF/D. TBLR 811 BLTR 459.

12/09/90- 170 MCF/D. TBLR 851 BLTR 419.

12/10/90- 178 MCF/D. Csg press 46 psi on a 3/8" plate. TBLR 887 BLTR 455.

12/11/90- 185 MCF/D. Csg press 48 psi. TBLR 927 BLTR 415.

12/12/90- 185 MCF/D. Csg press 48 psi. TBLR 960 BLTR 382.

12/13/90- 191 MCF/D. Csg press 50 psi. TBLR 997 BLTR 345.

12/14/90- 191 MCF/D. Csg press 50 psi. TBLR 1037 BLTR 305.
12/15/90- 193 MCF/D. Csg press 51 psi. TBLR 1072 BLTR 270.
12/16/90- 196 MCF/D. Csg press 52 psi. TBLR 1109 BLTR 233.
12/17/90- 205 MCF/D. Csg press 25 psi. TBLR 1141 BLTR 201.
12/18/90- 205 MCF/D. Csg press 25 psi. TBLR 1183 BLTR 159.
12/19/90- 205 MCF/D. Csg press 25 psi on a 1/2" plate. TBLR 1215
BLTR 127.
12/20/90- 211 MCF/D. TBLR 1253 BLTR 89.
12/21/90- 211 MCF/D. Csg press 26 psi. TBLR 1288 BLTR 54.
12/22/90- 211 MCF/D. Csg press 26 psi. TBLR 1308 BLTR 34.
12/23/90- 211 MCF/D. Csg press 26 psi. TBLR 1338 BLTR 4.
12/24/90- 211 MCF/D. Csg press 26 psi. TBLR 1388 BLTR +46.
12/25/90- 211 MCF/D. Csg press 26 psi. TBLR 1421 BLTR +79.
12/26/90- 211 MCF/D. Csg press 26 psi. TBLR 1459 BLTR +117.
12/27/90- 211 MCF/D. Csg press 26 psi. TBLR 1491 BLTR +149.
12/28/90- 216 MCF/D. Csg press 27 psi. TBLR 1538 BLTR +186.
12/29/90- 216 MCF/D. Csg press 27 psi. TBLR 1590 BLTR +238.
12/30/90- 000 MCF/D. Csg press 27 psi. TBLR 1590 BLTR +238.
12/31/90- 226 MCF/D. Csg press 29 psi. TBLR 1630 BLTR +278.
01/01/91- 243 MCF/D. Csg press 32 psi. TBLR 1667 BLTR +315.
01/02/91- 243 MCF/D. Csg press 32 psi. TBLR 1707 BLTR +355.
01/03/91- Unit down due to weather conditions.
01/04/91- 211 MCF/D. Csg press 26 psi. TBLR 1737 BLTR +385.
01/05/91- 211 MCF/D. Csg press 26 psi. TBLR 1747 BLTR +395.
01/06/91- 237 MCF/D. Csg press 31 psi. TBLR 1752 BLTR +400.
01/07/91- 243 MCF/D. Csg press 32 psi. TBLR 1754 BLTR +402. TAC:
\$109,667