

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

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

WELL API NO.
30-045-28734

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.
410

9. Pool name or Wildcat
Basin Fruitland Coal

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.)

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, Texas 77057

4. Well Location
Unit Letter K : 2185 Feet From The South Line and 1825 Feet From The West Line
Section 35 Township 29N Range 12W NMPM San Juan County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
5360' GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: Completion <input checked="" type="checkbox"/>	

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
FEB 17 1993
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 Rep. DATE 2/16/93

TYPE OR PRINT NAME

Carl Kolbe

TELEPHONE NO.

(713) 780-5301

(This space for State Use)

APPROVED BY Original Signed by FRANK I. CHAVEZ

TITLE

SUPERVISOR DISTRICT # 3

DATE

FEB 17 1993

CONDITIONS OF APPROVAL, IF ANY:

GCU No. 410 Basin Fruitland Coal San Juan, New Mexico BHP WI 50%

AFE: #9301102 \$138,000

10/16/92- MIRU Aztec Well Serv Rig NO. 184. Spud well @ 2:15 PM on 10/15/92. Drl 8 3/4" hole to 146' KB w/one survey. POH RU and ran 3 jts 7" 20# J-55 R-3 8R R-3 csg and landed at 143' KB. RU Western and cmted w/225 sxs Class "B" w/3% CaCl and 1/4# per sk cello seal. Obtained full returns w/8 bbl good cmt circ to surf. Plug dn at 9:00 pm on 10/15/92. WOC NU BOPE. Bit #1 8 3/4" HTC ATJ11 Ser No BE770 in @ 15' out @ 146'. WOB all RPM 90 psi 300 SPM 104 DC: \$15,350 CC: \$15,350

10/17/92- Press test blind and pipe rams to 2000 psi, (ok). Test Hydrill to 500 psi (ok). Drl 70' of cmt in 7" and 6 1/4" hole to 1512' with 3 surveys. Gas show at 460' w/ a wtr flow. Mud up at 1250'. TD well at 12:45 am circ and cond hole, short trip 10 stands. POH and spot 10.5# pill at 550'. RU Schlumberger and ran DIL/FDC/CNL/GR tools from 1412' to 145'. RD loggers and TIH w/DP. Bit #2 6 1/4" Varel V517 Ser No 55707 in @ 146' out @ 1512'. WOB 20 RPM 75 psi 1000 SPM 104 MW 8.6 Vis 58 PV/YP 16/12 Gels 8/25 WL 9.4 pH 10.0 FC/32 2 Solids % 4 % Sand 1/2 DC: \$19,900 CC: \$35,250

10/18/92- Finish TIH circ & cond hole. POH LD drl pipe. RU & ran 36 jts 4 1/2" 10.5# K-55 8R R-3 ST&C csg and landed at 1508'KB. RU Western cmted w/210 sxs 50-50 Poz plus 2% gel, 10% salt, 1/4# per sk cello seal then tailed with 25 sxs Class "B" low fluid loss. Obtained full returns w/10 bbl good cmt circ to surf. Plug dn at 1:30 am on 10/17/92 and float held. ND BoPE and jet pits. Rel rig at 3:30 pm on 10/17/92. MW 8.4 Vis 57 PV/YP 15/12 Gels 8/24 WL 9.6 pH 10.0 FC/32 2 Solids % 4 % Sand 1/2 DC: \$23,250 CC: \$58,500

12/03/92- MIRU JC Well Serv. ND well head and NU BOPE. PU bit and csg scraper on 2 3/8" tbg and tally in hole. Found PBTD at 1426'. Circ hole cl w/2% KCl wtr and additives. Press test csg and BOPE to 2500 psi, OK. MI set, fill and filter frac tank. SDFN. Day 1 DC: \$4,600 TACC: \$4,600 CC: \$63,100

12/04/92- POOH w/tbg. RU Elect Line and ran a GR/CCL log from 1427' to 1070'. POH and LD tools. Perf the Fruitland Coal from 1314' to 1326' w/ a 3 1/8" csg gun loaded 4 JSPF 90° phasing shooting a .38 hole. All shots fired. No pressure to surf. Heat frac tank. WO frac crew. Day 2 DC: \$3,700 TACC: \$8,300 CC: \$66,800

12/05/92- No press on well. RU Western and frac stimulate the Fruitland Coal dn 4 1/2" csg w/195 clean bbl of 30# linear gel, 70 to 60 quality N/2 foam and 46,400# 20/40 Brady sand at 15 BPM. Max press 1410 psi avg 1200 psi avg rate 15 BPM max sand conc 5 ppg ISIP 960 psi. Bleed back for closure. RD Western Well shut in 5 hrs for gel break. 5 hr SICP 660 psi. Open well to tank of 3/8" pos choke. Press decreased to 45# in 4 hrs and then increased to 142 psi in 11 hrs. Rec 103 bbl load wtr in 15 hrs w/ an estimated gas rate of 300 MCF/D. TBLR 103 BLTR 92 Day 3 DC: \$15,400 TACC: 23,700 CC: \$82,200

12/06/92- 24 hrs flowing on a 3/8" pos choke rec 106 bbl wtr w/ an est gas rate of 450 MCF/D. FCP 195 psi. TBLR 209 BLTR +14 Day 4 DC: \$100 TACC: \$23,800 CC: \$82,300

12/07/92- 24 hrs flowing on a 3/8" choke. Rec 43 bbl wtr w/ an est gas rate of 550 MCF/D FCP 210 psi. TBLR 252 BLTR +57 Day 5 DC: \$100 TACC: \$23,900 CC: \$82,400

12/08/92- 24 hrs flowing on a 3/8" pos choke. Rec 33 bbl wtr w/ an

estimated gas rate of 550 MCF/D. FCP 210 psi. Kill well w/2% KCL wtr. TIH w/tbg and tag fill at 1326'. Cl out to PBDT w/ N/2. PU and land tbg w/46 jts of 2 3/8" 4.7# 8R J-55 EUE at 1377' KB. Kill well w/2% KCL wtr. ND BOPE and NU well head. Unload well w/N/2 and left flowing on a 3/8" choke. Used a total of 90 bbl 2% KCL wtr. TBLR 305 BLTR 70 Day 6 DC: \$8,400 TACC: \$32,300 CC: \$90,800

12/09/92- 24 hrs flowing on a 3/8" pos choke. Rec 128 bbl wtr w/ an estimated gas rate of 550 MCF/D. FTP 180 psi Csg 252 psi. TBLR 433 BLTR +58 Day 7 DC: \$600 TACC: \$32,900 CC: \$91,400

12/10/92- 24 hrs flowing on a 3/8" pos choke. Rec 62 bbl wtr w/ an estimated gas rate of 550 MCF/D. FTP 170 psi Csg 242 psi. Change out choke insert. TBLR 495 BLTR +120 Day 8 DC: \$000 TACC: \$32,900 CC: \$91,400

12/11/92- 24 hrs flowing on a 3/8" pos choke. Rec 52 bbl wtr w/ an estimated gas rate of 500 MCF/D. FTP 165 psi Csg 225 psi. Change out choke insert. TBLR 547 BLTR +172 Day 9 DC: \$000 TACC: \$32,900 CC: \$91,400

12/12/92- 15 hrs flowing thru a 2-phase test separator w/ a 2" meter run. FTP 135 psi csg 196 psi. Rec 48 bbl wtr w/ a gas rate of 485 MCF/d. TBLR 595 BLTR +220 Day 10 DC: \$2,000 TACC: \$34,900 CC: \$93,400

12/13/92- 15 hrs flowing thru a 2-phase test separator w/ a 2" meter run. FTP 138 psi csg 190 psi. Recovered 50 bbl water w/ a gas rate of 450 MCF/D. TBLR 645 BLTR +270 Day 11 DC: \$100 TACC: \$35,000 CC: \$93,500

12/14/92- 24 hrs flowing thru a 2-phase test separator w/ a 2" meter run. FTP 130 psi csg 190 psi. Rec 60 bbl wtr w/ a gas rate of 425 MCF/D. TBLR 705 BLTR +330 Day 12 DC: \$100 TACC: \$35,100 CC: \$93,600

12/15/92- 24 hrs flowing thru a 2-phase test separator w/ a 2" meter run. FTP 134 psi csg 185 psi. Rec 58 bbl wtr w/ a gas rate of 440 MCF/D. Pull water and gas samples, shut well in. TBLR 763 BLTR +388 Day 13 DC: \$12,400 TACC: \$47,500 CC: \$106,000

12/16/92- 24 hrs SITP 300 psi SICP 340 psi. TBLR 763 BLTR +388 Day 14 DC: \$000 TACC: \$47,500 CC: \$106,000

12/17/92- 24 hrs SITP 325 psi SICP 365 psi. TBLR 763 BLTR +388 Day 15 DC: \$000 TACC: \$47,500 CC: \$106,000

12/18/92- 72 hrs SITP 330 psi SICP 385 psi. TBLR 763 BLTR +388 Day 16 DC: \$000 TACC: \$47,500 CC: \$106,000

12/19/92- 96 hrs SITP 345 psi SICP 385 psi. TBLR 763 BLTR +388 Day 17 DC: \$000 TACC: \$47,500 CC: \$106,000

12/20/92- 120 hrs SITP 345 psi SICP 385 psi. TBLR 763 BLTR +388 Day 18 DC: \$000 TACC: \$47,500 CC: \$106,000

******FINAL REPORT******

MIRU and spud well on 15 Oct 92. Drill 8-3/4" hole to 146' KB. RU and ran 3 jts 7" 20# J-55 R-3 8R csg and landed @ 143' KB. RU Western and cemented with 225 sks cement. Obtained full returns with 8 bbls good cement to surface. Plug down on 15 Oct 92. PU 6-1/4" bit and TIH. Drill 6-1/4" hole to 1,512'. Gas show @ 460'. RandIL/FDC/CNL/GR & Coal logs. C&C. RU and ran 36 jts 4-1/2" 10.5# K-55 R3 ST&C csg. Landed at 1,508' KB. Cement with 210 sks. Tail with 25 sks. Obtained full returns. PD on 17 Oct 92. Release rig on 17 Oct 92. RU 3 Dec 92. NU BOPE. Clean out. Perf'd Fruitland Coal from 1,314'-1,326' 4 jsp, 90 degree phasing. Frac down csg

with 195 bbls 70 quality foam and 46,400# 20/40 Brady sand. Flow well back after frac. Test on 15 Dec 92 was through a two phase separator flowing 440 Mcf/d, 58 bwp/d. FTP = 134 psi, Csg = 185 psi. Shut well in. Waiting on pipeline. TAC: \$106,000