

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

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.  
30-045-28066

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.  
391

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 #3600, Houston, TX 77057

4. Well Location  
Unit Letter A : 975 Feet From The North Line and 870 Feet From The East Line  
Section 23 Township 29N Range 13W 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: Completion ☒

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**  
NOV 16 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 Holbe TITLE Reg. Affairs Rep. DATE 11/11/92

TYPE OR PRINT NAME TELEPHONE NO. 713/780-5000

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE NOV 16 1992

CONDITIONS OF APPROVAL, IF ANY:

**\*\*\*\*FIRST REPORT\*\*\*\***

**BHP - G.C.U. #391 -** (D) (BHP) AFE No. 9101209

NE/NE Sec 23 T29N R13W Basin Fruitland Coal Field San Juan, New Mexico Proj TD: 1350' BHP WI 62.50 NRI 48.75% **SPUD DATE 12/12/90**  
**12/14/90-** MIRU spud well at 12:15 pm on 12/12/90. Drill 8-3/4" hole to 36' KB. Drilling in boulders. Shut dn for rig repair. Bit No. 1 8-3/4" HTC J22 Ser No 54566 in at 10', out @ 32'. Bit No 2 in @ 32' 8-3/4" J22 Ser No 48466 HTC. WOB all RPM 100 psi 500 MW 8.0, Vis 45. Drill 8-3/4 hrs, lub rig 1/2 hr, rep rig 9-1/2 hrs. DMC: \$500 DC: \$7,590 TAC: \$7,590

**12/14/90-** Drill and ream on boulders to 60' KB. Bit plugging up. Work on pump. Bit No. 2 in @ 32' 8-3/4" HTC J22 Ser No. 48466, out at 40'. Bit No. 3 STC 584F 8-3/4" Ser No 4782 in at 40'. ets 1/32 3/12. WOB all RPM 100 psi 500 SPM 60. MW 8.4, Vis 85 Drill 8 hrs, ream 8 hrs, cond & circ 1/4 hr, trip 1-1/2 hrs, lub rig 1/2 hr, rep rig 5-3/4 hrs. DMC: \$100 CMC: \$600 DC: \$5,500 TAC: \$13,090

**12/15/90-** PD 15'. Drill and ream on boulders, no new made. POOH LD 6" DC and 8-3/4" Bit. PU 6-1/4" Bit w/ no jets and one 4-3/4" DC and TIH to 60'. RU Western and pumped 100 sxs Class "B" w/3% CaCl and 1/2#/sx Cello Seal, lost returns with 1/2 of cement pumped. WOC 4 hrs, TIH, tag cmt at 50' KB. Drill 5' of cement. RU and pumped 235 sxs Class "B" w/3% CaCl and 1/2# sx Cello Seal with full returns to surface. WOC. Bit No 2 in @ 32' 8-3/4" J22 Ser No 48466 HTC, out @ 40'. Bit No. 3 STC 584F 8-3/4" Jets 1/32 3/12 in @ 40', out @ 60'. WOB all RPM 100 psi 500 MW 8.4, Vis 80. Ream 7 hrs, lub rig 1/2 hr, rep rig 3, run csg & cmt 3-1/2 hrs, WOC 8-1/4 hrs, drl cmt 1/2 hr, lay dn DP 1-1/4 hrs. DMC: \$150 CMC: \$750 DC: \$9,575 TAC: \$22,665

**12/16/90-** Depth 191; (171') WOC. TIH w/8-3/4" bit and tag cmt at 15" KB. Drill cmt to 70' KB and new hole to 191; KB. Circ hole. POH LD 6" DC. RU and run 4 jts 7" 20# K 55 8R R-3 csg and landed at 187' KB. RU Western and cmt with 125 sxs Class "B" with 2-1/2% CaCl and 1/2# per sx cello seal. Obtained full returns with 5 bbl cmt circ to surf. Plug dn at 8:15 pm on 12/15/90. WOC 8 hrs. NU BOPE. Bit No. 4 8-3/4" HTC J1 AX152 jets 1/32 3/12 in @ 10', out @ 191'. WOB all, AT 100 RPM, psi 800 SPM 60 MW 8.5 Vis 65. 14-4 3/4" DCs. Drill 6 hrs, cond & circ 1/4 hr, lub rig 1/4 hr, run csg & cmt 2 1/4 hrs, WOC 11 hrs, NU BOP 2-3/4 hrs, drl cmt 1 hr, lay dn DP 1/2 hr. DMC: \$550 CMC: \$1,300 DC: 11,519 TAC: \$34,184

**12/17/90 -** Depth 800' (609') NU BOPE. RU Quadco and test csg and blind rams to 2000 psi, ok. Test pipe rams to 1000 psi, ok. Test annular to 500 psi, ok. All test pressures recorded on a chart and testing done by an independent contractor. TIH and change out swivel. Drill out cmt and drill 6-1/4" hole to 800'. Bit No. 5 6-1/4" Varel V517 Ser No 56647 Jets 1/32 3/16 in @ 191'. WOB all, RPM 80 psi 750 SPM 60 DCs 14-4-3/4" MW 8.4 Vis 28 PV/YP 5/2 Gels 2/7 WL 8.8 pH 10.5 FC/32 2 Solids 3.5 tr sand. Drill 13 hrs, trip 1-1/2 hrs, lub rig 1/4 hr, rep rig 3 hrs, NUBOP/test 5-1/4 hrs, drl cmt 1 hr. DMC: \$300 CMC: \$1,600 DC: \$7,386 TAC: \$41,570

**12/18/90-** Depth 1335' (535') Drill 6-1/4" hole to 1335', circ and cond mud for logs. Short trip to DC. POOH, RU HLS and GIH. Bit No. 5 6-1/4" Varel V517 Ser No 56647 Jets 1/32 3/16 in at 191', out

at 1335'. WOB all, RPM 80, psi 750, MW 9.5 Vis 62 PV/YP 18/12 Gels 8/30 WL 8.0 pH 9.5 FC/32 2 solids 6 % snd 1. Drill 12-1/2 hrs, cond & circ 2-1/2 hrs, trip 4-3/4 hrs, lub rig 1/4 hr, rep rig 3-1/2 hrs, WL logs 1/2 hr. DMC: \$700 CMC: \$2,300 DC: \$8,439 TAC: 12/19/90- Depth 1370' Loggers TD 1370' Ran DIGL/SDL/DSN/GR & coal logs. TIH circ. & cond. ran survey @ 1340' & 700' laying dn dp RU ran 34 jts. 4 1/2" 10.5# J-55 8R ST&C csg & landed @ 1365' KB. RU western & cement w/270 sks lead 50/50 poz. 2% gel, 10 % salt & 1/4# sk cello seal and tail w/30 sk class "B" w/1.2% CF18 low fkuid loss. Obtained full returns w/15 bbl cement circ. to surface. Release press. & float held. Plug dn @ 9:15pm on 12/18/90. ND BOPE jet pits. Release rig @ 1:15am on 12/19/90. WOCT. \$50,009

09/22/92- Well in city limits, alerted all city agencies. Lay dn plastic and MIRU JC Well Serv. ND well head and NU BOPE. PU bit and scraper on 2 3/8" tbq and tally in hole. Found PBTD at 1282' KB. Circ hole clean w/2% KCL. POOH w/bit and scraper. RU Quadco and press test csg and BOPE to 2200 psi, held ok. MI set fill and filter frac tanks. SDFN. Day 1 DC: \$5,750 TACC: \$5,750 TAC: \$94,165

09/23/92- RU Perforators and ran a GR/CCL log for correlation. Perf the fruitland Coal from 1152' to 1182' w/ a 3 1/8" csg gun loaded 4 JSPF, 90 ° phasing shooting a .38 hole w/ a 12 gram charge. All shots fired, no pressure to surface. RD Electric Line. Waiting on frac crew. SDFN. Day 2 DC: \$4,900 TACC: \$10,650 TAC: \$84,278 \* Corrected

09/24/92- RU Dowell and frac stimulate the Fruitland Coal dn 4 1/2" csg w/911 bbl 30# crosslink gel containing 97,481# of 20/40 Brady sand at 25 BPM. Max press 1117 psi avg 975 pis. Max sand conc 6 ppg. ISIP 782 psi, 15 min 608 psi. Load to recover is 805 bbl. Left well shut-in 2 hrs for gel break. Open well to tank on a 3/8" choke. Well flowed back 05 bbls in one hr and died. TBLR 05 BLTR 800 Day 3 DC: \$24,400 TACC: \$35,050 TAC: \$106,678

09/25/92- Well dead. PU tbq and tally in hole. Tag sand @ 1175' KB, circ hole cl to PBTD w/2% KCL wtr. Pull up & land tbq w/38 jts 2 3/8" 4.7# J-55 8R EUE at 1199' KB. ND BOPE NU well head. RU to swab. Swab back 45 bbl load, well trying to kick off w/250 psi on csg. Shut well in, SDFN. TBLR 50 BLTR 755 Day 4 DC: \$7,700 TACC: \$42,750 TAC: \$116,378

09/26/92- Well dead. Tbg 0 psi csg 230 psi. Ran swab and kicked well off flowing. RD unit and move out. Left well flowing on a 1/2" choke. TBLR 60 BLTR 745 Day 5 DC: \$1,050 TACC: \$43,800 TAC: \$117,428

09/27/92- 20 hours flowing through a 1/2" choke. FTP 40 psi csg 135 psi. Recovered 140 bbl load w/ an estimated gas rate of 175 MCF/D. TBLR 200 BLTR 605 Day 6 DC: \$550 TACC: \$44,350 TAC: \$117,978

09/28/92- 24 hours flowing through a 1/2" choke. FTP 40 psi csg 160 psi. Recovered 220 bbl load w/ an estimated gas rate of 175 MCF/D. TBLR 420 BLTR 385 Day 7 DC: \$1,050 TACC: \$45,450 TAC: \$119,028

09/29/92- 24 hours flowing through a 1/2" choke. FTP 55 psi csg 150 psi. Recovered 250 bbl load w/ an estimated gas rate of 175 MCF/D. TBLR 670 BLTR 135 Day 8 DC: \$1,050 TACC: \$46,450 TAC: \$120,078

09/30/92- 24 hours flowing through a 1/2" choke. FTP 70 psi csg 145 psi. Recovered 121 bbl load w/ an estimated gas rate of 250 MCF/D.

TBLR 791 BLTR 14 Day 9 DC: \$1,050 TACC: \$47,500 TAC: \$121,128  
10/01/92- 24 hours flowing through a 1/2" choke. FTP 75 psi csg 145 psi. Recovered 89 bbl load w/ an estimated gas rate of 300 MCF/D.  
TBLR 880 BLTR +75 Day 10 DC: \$1,050 TACC: \$48,550 TAC: \$122,178  
10/02/92- 24 hours flowing through a 1/2" choke. FTP 85 psi csg 135 psi. Recovered 80 bbl load w/ an estimated gas rate of 400 MCF/D.  
TBLR 960 BLTR +155 Day 11 DC: \$1,050 TACC: \$49,600 TAC: \$123,228  
10/03/92- 24 hours flowing through a 1/2" choke. FTP 85 psi csg 135 psi. Recovered 90 bbl load w/ an estimated gas rate of 400 MCF/D.  
TBLR 1050 BLTR +245 Day 12 DC: \$1,050 TACC: \$50,650 TAC: \$124,278  
10/04/92- 24 hours flowing through a 3/8" choke. FTP 120 psi csg 170 psi. Recovered 85 bbl load w/ an estimated gas rate of 400 MCF/D. TBLR 1215 BLTR +410 Day 13 DC: \$550 TACC: \$51,750 TAC: \$125,378  
10/05/92- 24 hours flowing through a 3/8" choke. FTP 120 psi csg 170 psi. Recovered 85 bbl load w/ an estimated gas rate of 400 MCF/D. TBLR 1215 BLTR +410 Day 14 DC: \$550 TACC: \$51,750 TAC: \$125,378  
10/06/92- 24 hours flowing through a 3/8" choke. FTP 125 psi csg 170 psi. Recovered 71 bbl load w/ an estimated gas rate of 400 MCF/D. TBLR 1286 BLTR +481 Day 15 DC: \$21,550 TACC: \$73,300 TAC: \$146,928