

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

WELL API NO.
30-045-28118

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
E5462-4

7. Lease Name or Unit Agreement Name

Gallegos Canyon Unit

8. Well No.
397

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, TX 77057

4. Well Location
Unit Letter K : 1555 Feet From The South Line and 1965 Feet From The West Line

Section 36 Township 29N Range 13W NMPM San Juan County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
5473' GR

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 History ☒

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.

The daily history of the completion operations and deviation survey information performed at the subject well is attached.

RECEIVED
MAY 13 1991
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 Beverly Comer TITLE Production Technician DATE 4-22-91
(713) 780-5000
TYPE OR PRINT NAME Beverly Comer TELEPHONE NO.

(This space for State Use)

APPROVED BY Gene Busch DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAY 13 1991
CONDITIONS OF APPROVAL, IF ANY:

BHP PETROLEUM (AMERICAS) INC.
GALLEGOS CANYON UNIT NO. 397
API NO. 30-045-28118

ROSEMARIE MURPHY
NOTARY PUBLIC STATE OF TEXAS
MY COMMISSION EXPIRES
APR. 20, 1993

BHP PETROLEUM (AMERICAS), INC.
GALLEGOS CANYON UNIT NO. 397
SEC. 36, T29N-R13W (NE/SW)
BASIN FRUITLAND COAL
SAN JUAN COUNTY, NEW MEXICO

WELL COMPLETION HISTORY

10/30/90- Drlg 138'. MIRU SPUD WELL AT 6:30 pm 10/29/90, drill 8 3/4" hole to 138' KB. Circ. & cond. POOH. RU Ran 3 jts. 7" 23# J-55 8R St&C csg and landed at 133' KB. RU Western and cement with 100 sks Class "B" w/2% CaCl, 1/4# sx Cello-Seal, obtained full returns with 8 bbl cement circulated to surface. Plug down at 12:25 am on 10/30/90. WOC & NUBOPE. Bit No. 1 8-3/4" Smith FTD RR in @ 10', out @ 138'. Jets 1/32 3-12. RPM 80, psi 800, SPM 60. MW 8.0, Vis 40. DCs 14-4 3/4. Drilling 2 1/2 hrs, Trip 1 hr, cond. & circ. 1/2 hr, run csg & cmt 2 hrs, WOC 5 hrs. NU BOP/Test 1 1/2 hr. DMC: \$400 CMC: \$400 DC: \$11,600 TAC: \$11,600.

10/31/90- Drlg @ 1165' (1027') Finish NU BOPE, test csg & blind rams to 2,000 psi, pipe rams to 1,500 psi & annualr to 500 psi. Drill out cement and drill 6 1/4" hole from 138' to 1165' with one survey. Dev 1/2° @ 512'. WOB all, RPM 80, psi 1200, SPM 60. Bit No. 2 6-1/4" Varel V517 Ser # 55936, Jets 1/32 2/14 in @ 138'. MW 8.4, Vis 27, PV/YP 0/1, Gels 0/0, WL 10.4, pH 7.5, FC/32 1, Solids 3 1/2, trace sand. DC's 14-4 3/4. Drilling 18-1/4 hrs, lub. rig 1/2 hr, dev survey 1/4 hr, NU BOP/Test 4 hrs, drill cement 1 hr. DMC: \$117 CMC: \$517 DC: \$10,650 TAC: \$22,250.

11/01/90- T.D. 1448' (283') Drill 6 1/4" hole from 1165' to 1448' with one survey. Short trip to 900' circ & cond. POOH RU HLS GIH, hit bridge at 1296'. POH w/tools, GIH clean out circ. & cond. Short trip to 1200'. POH GIH w/logs. Loggers TD 1448' KB. Ran DIL/GR/SDL/DSN/Coal logs. RD HLS, TIH POH LD DP, DC. RU ran 35 jts 4 1/2" 10.5# 8R J-55 ST&C csg & landed @ 1432' KB. RU Western & cement w/195 sxs lead 50/ 50 POZ w/2% gel, 10% salt, 1/4 #sk Cello Seal & tail in w/30 sxs Class "B" w/1.2% CF18 low fluid loss. Obtained full returns w/11 bbl cement circ to surface. Bump plug & float held. Release rig @ 7:00 am 11/1/90. Dev 1/2° @ 1228'. WOB all, RPM 80, psi 1200, SPM 60. Bit No. 2 6-1/4" Varel V517 Ser # 55936, Jets 1/32 2/14 in @ 138' out @ 1448'. MW 9.2, Vis 60, PV/YP 15/11, Gels 3/11, WL 6.8, pH 9.5, FC/32 2, solids 5, trace sand 1/2. DCs 14-4 3/4. Drilling 2-3/4 hrs, cond & circ 1-1/4 hrs, trip 5-1/4 hrs, lub. rig 1/4 hr, Rig repair 1-1/4 hr, dev survey 1/4 hr, W. L. Logs 3 hrs, run csg & cmt 3 hrs, lay dn DP 3-1/2 hrs, N.D. BOP & Jet 3-1/2 hrs. DMC: \$700 CMC: \$1217 DC: \$29,755 TAC: \$52,005.

11/02/90- TD 1448'. TAC: \$52,005. WOCT.

12/28/90- T.D. 1448' WOCT. CMC: \$1217 TAC: \$52,005.

12/29/90- T.D. 1448' WOCT. CMC: \$1217 TAC: \$52,005.

12/30/90- T.D. 1448' WOCT. CMC: \$1217 TAC: \$52,005.

02/06/91- TD: 1448' PBDT: 1395' Perfs 1268-1284' MIRU PU bit and csg scraper on 2-3/8" tbg and tally in hole. Found PBDT at 1395' KB. Circ hole clean with 2% KCL water and additives. Pressure test csg and BOPE to 2500 psi, OK. POOH w/tbg. RU Electric Line and ran GR/CCL log. Perf the Basin Fruitland Coal from 1268' to 1284' with a 3-1/8" 90° phased premium charged csg gun at 4 JSPF.

All shots fired, no pressure to surface. RD loggers. Heat frac tanks. WO frac crew. DC: \$6,000 TACC: \$6,000 TAC: \$58,005

02/08/91- TD: 1448' PBTD: 1395' Perfs 1268-1284' 0 Pressure on well. RU Western to refracture stimulate the Basin Fruitland Coal dn 4-1/2" csg with 31,250 gal 25# Borate X/Link gel, 1500# 40/70 Arizona sand, 46,000# 20/40 Arizona sand at 15 BPM. Max treating pressure 2100 psi, min 1400 psi, avg 1680 psi. Avg rate 15 BPM, max sand conc 5 ppg. ISIP 1100 psi, bled back to induce closure. 15 min 820 psi, Load to recover 744 bbls. 4 hour SICP 0 psi. DC: \$17,000 TACC: \$23,700 TAC: \$75,705

02/09/91- TD: 1448' PBTD: 1395' Perfs 1268-1284' TIH w/tubing, tag sand at 1057'. Circ clean w/2% KCL and additives to PBTD, pull up and land tbg with 42 jts 2-3/8" 4.7# 8R J-55 EUE at 1319' with SN at 1305' KB. ND BOPE NU well head, RU and swab back 40 bbl load water. No gas to surface. TBLR 40 BLTR 1019 Days 4 DC: \$7,800 TACC: \$31,500 TAC: \$83,505

02/10/91- TD: 1448' PBTD: 1395' Perfs 1268-1284' RU ran pump and rods. Space out. Prepare to set pumping unit. TBLR 40 BLTR 1019 Days 5 DC: \$4,100 TACC: \$35,600 TAC: \$87,605

02/11/91- TD: 1448' PBTD: 1395' Perfs 1268-1284' Prepare to set pumping unit. TBLR 40 BLTR 1019 Days 6 DC: \$0 TACC: \$35,600 TAC: \$87,605

02/12/91- TD: 1448' PBTD: 1395' Perfs 1268-1284' Prepare to set pumping unit. TBLR 40 BLTR 1019 Days 6 DC: \$0 TACC: \$35,600 TAC: \$87,605

02/13/91- TD: 1448' PBTD: 1395' Perfs 1268-1284; Well on pump. TBLR 40 BLTR 1019 Days 8 DC: \$0 TACC: \$35,600 TAC: \$87,605

02/14/91- TD: 1448' PBTD: 1395' Perfs 1268-1284' 24 hours pumping. Rec 63 bbl water w/FCP 20 psi on 1 1/4" choke. Estimated gas rate 25 MCF/D. TBLR 103 BLTR 916 Days 9 DC: \$0 TACC: \$35,600 TAC: \$87,605

02/15/91- TD: 1448' PBTD: 1395' Perfs 1268-1284' 24 hours pumping. Rec 40 bbl water w/FCP 28 psi on a 1/4" choke. Estimated gas rate 30 MCF/D. TBLR 143 BLTR 876 Days 10 DC: \$0 TACC: \$35,600 TAC: \$87,605

02/16/91- TD: 1448' PBTD: 1395' Perfs 1268-1284' 24 hours pumping. Rec 23 bbl water w/FCP 35 psi on a 1/4" choke. Estimated gas rate 35 MCF/D. TBLR 166 BLTR 853 Days 11 DC: \$0 TACC: \$35,600 TAC: \$87,605

02/17/91- TD: 1448' PBTD: 1395' Perfs 1268-1284' 24 hours pumping. Rec 17 bbl water w/FCP 39 psi on a 1/4" choke. Estimated gas rate 55 MCF/D. TBLR 183 BLTR 836 Days 12 DC: \$0 TACC: \$35,600 TAC: \$87,605

02/18/91- TD: 1448' PBTD: 1395' Perfs 1268-1284' 24 hours pumping. Rec 08 bbl water w/FCP 40 psi on a 1/4" choke. Estimated gas rate 57 MCF/D. Engine running on well head gas. TBLR 191 BLTR 828 Days 13 DC: \$0 TACC: \$35,600 TAC: \$87,605

02/19/91- TD: 1448' PBTD: 1395' Perfs 1268-1284' 24 hours pumping. Rec 18 bbl water w/FCP 33 psi on a 1/4" choke. Estimated gas rate 45 MCF/D. Engine running on well head gas. TBLR 209 BLTR 810 Days 14 DC: \$0 TACC: \$35,600 TAC: \$87,605

02/20/91- TD: 1448' PBTD: 1395' Perfs 1268-1284' 24 hours pumping. Rec 15 bbl water w/FCP 47 psi on a 1/4" choke. Estimated gas rate 65 MCF/D. Engine running on well head gas. TBLR 224 BLTR 795 Days

15 DC: \$0 TACC: \$35,600 TAC: \$87,605

02/21/91- TD: 1448' PBDT: 1395' Perfs 1268-1284' 24 hours pumping.
Rec 10 bbl water w/FCP 52 psi on a 1/4" choke. Estimated gas rate
70 MCF/D. Engine running on well head gas. TBLR 234 BLTR 785 Days
16 DC: \$0 TACC: \$35,600 TAC: \$87,605

02/22/91- TD: 1448' PBDT: 1395' Perfs 1268-1284' 24 hours pumping.
Rec 15 bbl water w/FCP 55 psi on a 1/4" choke. Estimated gas rate
73 MCF/D. Engine running on well head gas. TBLR 249 BLTR 770 Days
17 DC: \$600 TACC: \$36,200 TAC: \$88,205

02/23/91- TD: 1448' PBDT: 1395' Perfs 1268-1284' 00 hours pumping.
Rec 00 bbl water w/FCP 43 psi on a 1/4" choke. Estimated gas rate
00 MCF/D. Engine running on well head gas. Pumping unit down. TBLR
249 BLTR 770 Days 18 DC: \$000 TACC: \$36,200 TAC: \$88,205

02/24/91- TD: 1448' PBDT: 1395' Perfs 1268-1284' Well not pumping.
TBLR 249 BLTR 770 Days 19 DC: \$00 TACC: \$ 36,200 TAC: \$ 88,205

02/25/91- TD: 1448' PBDT: 1395' Perfs 1268-1284' Well not pumping.
TBLR 249 BLTR 770 Days 20 DC: \$00 TACC: \$ 36,200 TAC: \$ 88,205

02/26/91- TD: 1448' PBDT: 1395' Perfs 1268-1284' Well not pumping.
TBLR 249 BLTR 770 Days 21 DC: \$00 TACC: \$ 36,200 TAC: \$ 88,205

02/27/91- TD: 1448' PBDT: 1395' Perfs 1268-1284' 24 hrs pumping.
Recovered 12 bbls water w/FCP 105 psi. Estimated gas rate 100
MCF/D. TBLR 261 BLTR 758 Days 22 DC: \$00 TACC: \$ 36,200 TAC: \$
88,205

02/28/91- TD: 1448' PBDT: 1395' Perfs 1268-1284' 24 hrs pumping.
Recovered 15 bbls water w/FCP 100 psi. Estimated gas rate 100
MCF/D. TBLR 276 BLTR 743 Days 23 DC: \$00 TACC: \$ 36,200 TAC: \$
88,205

03/01/91- TD: 1448' PBDT: 1395' Perfs 1268-1284' 24 hrs pumping.
Recovered 07 bbls water w/FCP 130 psi. Estimated gas rate 150
MCF/D. Shot fluid level & found 385' fluid over the pump.
TBLR 283 BLTR 736 Days 24 DC: \$00 TACC: \$ 36,200 TAC: \$ 88,205

03/02/91- TD: 1448' PBDT: 1395' Perfs 1268-1284' 24 hrs pumping.
Recovered 07 bbls water w/FCP 80 psi. Estimated gas rate 100
MCF/D. TBLR 290 BLTR 729 Days 25 DC: \$00 TACC: \$ 36,200 TAC: \$
88,205

03/03/91- TD: 1448' PBDT: 1395' Perfs 1268-1284' 12 hrs pumping.
Recovered 03 bbls water w/FCP 75 psi. Estimated gas rate 75 MCF/D.
TBLR 293 BLTR 726 Days 26 DC: \$00 TACC: \$ 36,200 TAC: \$ 88,205

03/04/91- TD: 1448' PBDT: 1395' Perfs 1268-1284' 24 hrs pumping.
Recovered 05 bbls water w/FCP 120 psi. Estimated gas rate 135
MCF/D. TBLR 298 BLTR 721 Days 27 DC: \$00 TACC: \$ 36,200 TAC: \$
88,205

03/05/91- TD: 1448' PBDT: 1395' Perfs 1268-1284' 24 hrs pumping.
Recovered 02 bbls water w/FCP 120 psi. Estimated gas rate 135
MCF/D. TBLR 300 BLTR 719 Days 28 DC: \$00 TACC: \$ 36,200 TAC: \$
88,205

03/06/91- TD: 1448' PBDT: 1395' Perfs 1268-1284' 24 hrs pumping.
Recovered 03 bbls water w/FCP 120 psi. Estimated gas rate 135
MCF/D. TBLR 303 BLTR 716 Days 29 DC: \$00 TACC: \$ 36,200 TAC: \$
88,205

03/07/91- TD: 1448' PBDT: 1395' Perfs 1268-1284' 24 hrs pumping.
Recovered 03 bbls water w/FCP 120 psi. Estimated gas rate 135
MCF/D. TBLR 306 BLTR 716 Days 30 DC: \$00 TACC: \$ 36,200 TAC: \$
88,205

03/08/91- TD: 1448' PBDT: 1395' Perfs 1268-1284' 12 hrs pumping.
Recovered 03 bbls water w/FCP 50 psi. Estimated gas rate 73
MCF/D. TBLR 309 BLTR 716 Days 31 DC: \$00 TACC: \$ 36,200 TAC: \$
88,205

03/09/91- TD: 1448' PBDT: 1395' Perfs 1268-1284' 24 hrs pumping.
Recovered 05 bbls water w/FCP 53 psi through a 3/8" choke.
Estimated gas rate 175 MCF/D. TBLR 314 BLTR 711 Days 32 DC: \$00
TACC: \$ 36,200 TAC: \$ 88,205

03/10/91- TD: 1448' PBDT 1395' Perfs: 1268-1284' 24 hours pumping.
Recovered 05 bbl water w/FCP of 58 psi through a 3/8" choke. Est
gas rate of 190 MCF/D. TBLR 319 BLTR 706 Days 33. DC: \$00 TACC:
\$36,200 TAC: \$88,205

03/11/91- TD: 1448' PBDT 1395' Perfs 1268-1284' 24 hrs pumping.
Recovered 03 bbl water w/a FCP of 50 psi through a 3/8" choke. Est
gas rate 165 MCF/D TBLR 322 BLTR 703 Days 34 DC: \$00 TACC:
\$36,200 TAC: \$88,205

03/12/91- TD: 1448' PBDT 1395' Perfs 1268-1284' 24 hrs pumping.
Recovered 03 bbl water w/a FCP of 50 psi through a 3/8" choke. Est
gas rate 165 MCF/D TBLR 325 BLTR 706 Days 35 DC: \$00 TACC:
\$36,200 TAC: \$88,205

03/13/91- TD: 1448' PBDT 1395' Perfs 1268-1284' 24 hrs pumping.
Recovered 03 bbl water w/a FCP of 55 psi through a 3/8" choke. Est
gas rate 180 MCF/D TBLR 328 BLTR 703 Days 36 DC: \$00 TACC:
\$36,200 TAC: \$88,205

03/14/91- TD: 1448' PBDT 1395' Perfs 1268-1284' 24 hrs pumping.
Recovered 03 bbl water w/a FCP of 60 psi through a 3/8" choke. Est
gas rate 195 MCF/D TBLR 331 BLTR 700 Days 37 DC: \$00 TACC:
\$36,200 TAC: \$88,205

03/15/91- TD: 1448' PBDT 1395' Perfs 1268-1284' 24 hrs pumping.
Recovered 03 bbl water w/a FCP of 60 psi through a 3/8" choke. Est
gas rate 195 MCF/D. Shut well in. WOPL TBLR 334 BLTR 697 Days 38
DC: \$1,000 TACC: \$37,200 TAC: \$89,205 DROP FROM REPORT.