

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. 30-045-28234
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Gallegos Canyon Unit
8. Well No. 395
9. Pool name or Wildcat Basin Fruitland Coal
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5303' GR

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> 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 B : 860 Feet From The North Line and 1595 Feet From The East Line Section 30 Township 29N Range 12W NMPM San Juan County

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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: Completion History <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.

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  
TYPE OR PRINT NAME Beverly Comer TELEPHONE NO. (713) 780-5000

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT #3 DATE MAY 13 1991  
CONDITIONS OF APPROVAL, IF ANY:

TABULATION OF DEVIATION SURVEYS

BHP PETROLEUM (AMERICAS) INC.  
GALLEGOS CANYON UNIT NO. 395  
API NO. 30-045-28234

DEPTH  
637'

DEVIATION  
1/2°

AFFIDAVIT

This is to certify that to the best of my knowledge the above tabulation details the deviation tests taken in the BHP PETROLEUM (AMERICAS) INC. 'S Gallegos Canyon Unit No. 395 located 860' FNL and 1595' FEL of Section 30 T29N-R12W in San Juan County, New Mexico.

Signed

Beverly Comer  
Beverly Comer

THE STATE OF TEXAS)

) SS.

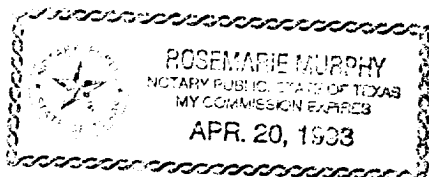
COUNTY OF HARRIS )

BEFORE ME, the undersigned authority, on this day personally appeared Beverly Comer known to me to be Production Technician for BHP Petroleum (Americas) Inc. and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for said County and State this 10th day of April 1991.

Rosemarie Murphy  
Notary Public

My Commission Expires 4/20/93



BHP PETROLEUM (AMERICAS), INC.  
GALLEGOS CANYON UNIT NO. 395  
SEC. 30, T29N-R12W (NW/NE)  
BASIN FRUITLAND COAL FIELD  
SAN JUAN COUNTY, NEW MEXICO

WELL COMPLETION HISTORY

10/26/90- MIRU and spud well at 7:30 pm on 10/25/90. Drill 8-3/4" hole to 140' KB, boulders to 70'. RU and ran 3 jts 7" 20# J-55 8R ST&C csg. Work csg through boulders and pump in last 7' with Western. Bit No. 1 8-3/4" Smith FTD RR Jets 1/32 3-12 in @ 10', out @ 140'. WOB all, RPM 80, psi 800, SPM 60. MW 8.6, Vis 32. DCs 14-4 3/4. Drilling 8-3/4 hrs, trip 1/2 hr, repair rig 1-1/4 hr, run csg 1 hr. DMC: \$300 DC: \$9750

10/27/90- Depth 694' (554') RU Western and cement w/100 sxs Class "B" w/2% CaCl and 1/4# sx Cello-Seal. Obtained full returns with 4 bbls cement circulated to surface. Did not run centralizers due to boulders. WOC 5 hrs and NU BOPE. Test csg and blind rams to 2,000 psi, pipe rams to 1,500 psi and annular to 500 psi. Drill out cement and drill 6-1/4" hole from 140' to 694' with one survey. Dev 1/2° @ 637'. Bit No. 2 6-1/4" Varel V517 Ser #55726 Jets 1/32 2-14 in @ 140'. WOB all, RPM 80, psi 900, SPM 60. MW 8.6, Vis 30. PV/YP 6/3, WL 28, pH 10, FC/32 Film, Solids 3.5, trace sand. DCs 14-4 3/4. Drilling 10-1/2 hrs, lub rig 1/4 hr, run csg & cmt 1-1/2 hr, survey 1/4 hr, WOC 5 hrs, NUBOP/Test 5 hrs, drl cmt 1-1/2 hrs. DMC: \$600 CMC: \$900 DC: \$9200 TAC: \$18,950.

10/28/90- Depth 1336' (642') Drill 6-1/4" hole from 694' to 1336' with one survey. Circ and cond for logs. Short trip to 900'. POOH to 420' & mix heavy pill, finish out of hole. RU HLS and log. Loggers TD 1336'. Ran Dig1/GR/SDL/DSN & coal logs. RD HLS, TIH circ and cond. POOH, DP & DC. RU and ran 32 jts 4-1/2" 10.5# J-55 8R ST&C csg and landed @ 1322' KB. RU Western and cmt w/140 sxs lead 50/50 Poz, 2% gel, 10% salt, 1/4# sx cello seal and tail in w/70 sxs Class "B" low fluid loss. Obtained full returns until last 4 bbls of disp and then had partial returns. Bump plug & fload held. ND BOPE. WOB all, RPM 70, psi 1000, SPM 60, MW 10.5, Vis 48, PV/YP 13/15 gels 3/17, WL 8, pH 8.0, FC/32 2, Solids 3.5, % sand 1/2. Drill 9-1/4 hrs, cond & circ 1-1/2 hrs, trip 4 hrs, lub rig 1/2 hr, repair rig 3/4 hr, dev survey 1/4 hr, WL logs 2-3/4 hrs, run csg & cmt 3-1/4 hrs, lay dn DP 1-3/4 hrs. Dev 1/2° @ 637' & 1197'. DMC: \$600 CMC: \$1,500 DC: \$31,100 TAC: \$50,050

10/29/90- Depth 1336' FINISH ND AND JET PIT. RELEASE RIG AT 11:00 AM 10-28-90. Dev 1/2° @ 637'. Bit No. 2 6-1/4" Varel V517 Ser #55726 Jets 1/32 2-14 in @ 140' out @ 1336'. WOB all, RPM 80, psi 1000, SPM 60. MW 10.5, Vis 48. PV/YP 13/15, WL 8, pH 8.0, FC/32 2, Solids 3.5, trace sand. DCs 14-4 3/4. Drilling 28.5 hrs, lub rig 1/4 hr, run csg & cmt 5-1/4 hr, survey 1/2 hr, WOC 5 hrs, NUBOP/Test 5 hrs, drl cmt 1-1/2 hrs. DMC: \$.00 CMC: \$1500 DC: \$700 TAC: \$50,750.

10/30/90-12/27/90 - WOCT

12/28/90- - WOCT.

12/29/90- - WOCT.

12/30/90- - WOCT.

01/10/91- TD: 1336' PBTD 1273' Perfs 1150-1176' MIRU NU BOPE PU 3-7/8" bit and 4-1/2" csg scraper on 2-3/8" tbg and tally in hole. Found PBTD at 1273' KB. Pressure test csg and BOPE to 2500 psi. Circ hole clean with 2% KCL and additives. POOH with tbg. RU Electric Line and ran a GR/CCL log. Perforate the Fruitland Coal from 1150' to 1176' with a 3-1/8" 90° phased, premium charged csg gun at 4 JSPF. All shots fired, no pressure to surface. SDFN. DC: \$5,800 TACC: \$5,800 TAC: \$56,550

01/11/91- TD: 1336' PBTD 1273' Perfs 1150-1176' Fill and heat frac water. DC: \$1,200 TACC: \$7,000 TAC: \$57,750

01/12/91- TD: 1336' PBTD: 1273' Perfs 1150-1176' 0 pressure on well. RU BJ and fracture stimulate the Fruitland Coal dn 4-1/2" csg with 11,214 gal 30# linear gel, 60 quality foam, 2,214# 40/70 Brady sand and 79,518# 20/40 Brady sand at 14 BPM. Max pressure 1338 psi, avg 1200 psi, avg rate 14 BPM. Max sand conc 8 ppg. ISIP 1269 psi. Bled back to induce closure. 15 min 1171 psi 4 hour SICP 400 psi. Open well to frac tank on a 3/8" pos choke. Well died in 2 hrs. 267 bbl load to recover. TBLR 40 BLTR 227 Days 3 DC: \$28,000 TACC: \$35,000 TAC: \$85,750

01/13/91- TD: 1336' PBTD 1273' Perfs 1150-1176' 0 Pressure on well. MIRU PU tbg with expendable check and TIH. Tag sand at 750'. RU BJ N/2 and clean out to PBTD. ND BOPE Nu Well head. Pump off check. TBLR 40 BLTR 227 Days 4 DC: \$3,600 TACC: \$38,600 TAC: \$89,350

01/14/91- TD: 1336' PBTD: 1273' Perfs 1150'-1176' 16 Hours flowing on a 3/8" pos choke. FTP 60 psi, csg 150 psi. Recovered 20 bbl load with an est gas rate of 75 MCF/D. Tbg landed with 37 jts 2-3/8" 4.7# J-55 8R EUE at 1210' KB with SN at 1178' KB. TBLR 60 BLTR 207 Days 5 DC: \$5,000 TACC: \$43,600 TAC: \$94,350

01/15/91- TD: 1336' PBTD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 3/8" pos choke. FTP 10 psi, csg 160 psi. Recovered 20 bbl load with an est gas rate of 20 MCF/D. TBLR 80 BLTR 187 Days 6 DC: \$0 TACC: \$43,600 TAC: \$94,350

01/16/91- TD: 1336' PBTD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 3/8" pos choke. FTP 15 psi, csg 162 psi. Recovered 05 bbl load with an est gas rate of 30 MCF/D. TBLR 85 BLTR 182 Days 7 DC: \$0 TACC: \$43,600 TAC: \$94,350

01/17/91- TD: 1336' PBTD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 3/8" pos choke. FTP 20 psi, csg 139 psi. Recovered 07 bbl load with an est gas rate of 40 MCF/D. TBLR 92 BLTR 189 Days 8 DC: \$0 TACC: \$43,600 TAC: \$94,350

01/18/91- TD: 1336' PBTD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 3/8" pos choke. FTP 30 psi, csg 138 psi. Recovered 07 bbl load with an est gas rate of 75 MCF/D. TBLR 99 BLTR 182 Days 9 DC: \$0 TACC: \$43,600 TAC: \$94,350

01/19/91- TD: 1336' PBTD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 3/8" pos choke. FTP 30 psi, csg 142 psi. Recovered 10 bbl load with an est gas rate of 75 MCF/D. TBLR 109 BLTR 172 Days 10 DC: \$0 TACC: \$43,600 TAC: \$94,350

01/20/91- TD: 1336' PBTD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 3/8" pos choke. FTP 32 psi, csg 150 psi. Recovered 02 bbl load with an est gas rate of 75 MCF/D. TBLR 111 BLTR 170 Days 11 DC: \$0 TACC: \$43,600 TAC: \$94,350

01/21/91- TD: 1336' PBD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 3/8" pos choke. FTP 40 psi, csg 145 psi. Recovered 03 bbl load with an est gas rate of 100 MCF/D. TBLR 114 BLTR 167 Days 12 DC: \$0 TACC: \$43,600 TAC: \$94,350

01/22/91- TD: 1336' PBD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 3/8" pos choke. FTP 45 psi, csg 145 psi. Recovered 06 bbl load with an est gas rate of 115 MCF/D. TBLR 120 BLTR 161 Days 13 DC: \$0 TACC: \$43,600 TAC: \$94,350

01/23/91- TD: 1336' PBD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 3/8" pos choke. FTP 58 psi, csg 143 psi. Recovered 05 bbl load with an est gas rate of 150 MCF/D. TBLR 125 BLTR 156 Days 14 DC: \$0 TACC: \$43,600 TAC: \$94,350

01/24/91- TD: 1336' PBD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 3/8" pos choke. FTP 62 psi, csg 132 psi. Recovered 05 bbl load with an est gas rate of 175 MCF/D. TBLR 130 BLTR 151 Days 15 DC: \$0 TACC: \$43,600 TAC: \$94,350

01/25/91- TD: 1336' PBD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 3/8" pos choke. FTP 63 psi, csg 133 psi. Recovered 01 bbl load with an est gas rate of 175 MCF/D. TBLR 131 BLTR 150 Days 16 DC: \$0 TACC: \$43,600 TAC: \$94,350

01/26/91- TD: 1336' PBD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 3/8" pos choke. FTP 68 psi, csg 138 psi. Recovered 06 bbl load with an est gas rate of 200 MCF/D. TBLR 137 BLTR 144 Days 15 DC: \$0 TACC: \$43,600 TAC: \$94,350

01/27/91- TD: 1336' PBD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 3/8" pos choke. FTP 68 psi, csg 138 psi. Recovered 05 bbl load with an est gas rate of 200 MCF/D. TBLR 142 BLTR 139 Days 16 DC: \$0 TACC: \$43,600 TAC: \$94,350

01/28/91- TD: 1336' PBD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 3/8" pos choke. FTP 71 psi, csg 132 psi. Recovered 02 bbl load with an est gas rate of 210 MCF/D. TBLR 144 BLTR 137 Days 17 DC: \$0 TACC: \$43,600 TAC: \$94,350

01/29/91- TD: 1336' PBD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 3/8" pos choke. FTP 72 psi, csg 140 psi. Recovered 07 bbl load with an est gas rate of 220 MCF/D. TBLR 151 BLTR 130 Days 18 DC: \$0 TACC: \$43,600 TAC: \$94,350

01/30/91- TD: 1336' PBD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 3/8" pos choke. FTP 77 psi, csg 138 psi. Recovered 05 bbl load with an est gas rate of 250 MCF/D. TBLR 156 BLTR 125 Days 19 DC: \$0 TACC: \$43,600 TAC: \$94,350

01/31/91- TD: 1336' PBD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 3/8" pos choke. FTP 78 psi, csg 139 psi. Recovered 02 bbl load with an est gas rate of 250 MCF/D. TBLR 158 BLTR 123 Days 20 DC: \$0 TACC: \$43,600 TAC: \$94,350

02/1/91- TD: 1336' PBD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 3/8" pos choke. FTP 71 psi, csg 100 psi. Recovered 07 bbl load with an est gas rate of 300 MCF/D. TBLR 165 BLTR 116 Days 21 DC: \$0 TACC: \$43,600 TAC: \$94,350

02/2/91- TD: 1336' PBD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 1/2" pos choke. FTP 71 psi, csg 98 psi. Recovered 07 bbl load with an est gas rate of 300 MCF/D. TBLR 172 BLTR 109 Days 22 DC: \$0 TACC: \$43,600 TAC: \$94,350

02/3/91- TD: 1336' PBD: 1273' Perfs 1150'-1176' 24 Hours flowing on a 1/2" pos choke. FTP 72 psi, csg 98 psi. Recovered 12 bbl load

with an est gas rate of 300 MCF/D. TBLR 184 BLTR 97 Days 23

DC: \$0 TACC: \$43,600 TAC: \$94,350

02/4/91- TD: 1336' PBDT: 1273' Perfs 1150'-1176' 24 Hours flowing on a 1/2" pos choke. FTP 72 psi, csg 98 psi. Recovered 15 bbl load with an est gas rate of 300 MCF/D. TBLR 199 BLTR 82 Days 24

DC: \$0 TACC: \$43,600 TAC: \$94,350

02/5/91- TD: 1336' PBDT: 1273' Perfs 1150'-1176' 24 Hours flowing on a 1/2" pos choke. FTP 75 psi, csg 113 psi. Recovered 175 bbl load with an est gas rate of 3500 MCF/D. TBLR 216 BLTR 65 Days 25

DC: \$0 TACC: \$43,600 TAC: \$94,350

02/06/91- TD: 1336' PBDT: 1273' Perfs 1150'-1176' 24 hours flowing on a 1/2" pos choke. FTP 79 psi, csg 102 psi. Recovered 10 bbl load with an est gas rate of 400 MCF/D. TBLR 226 BLTR 55 Days 26

DC: \$0 TACC: \$43,600 TAC: \$94,350

02/08/91- TD: 1336' PBDT: 1273' Perfs 1150'-1176' 24 hours flowing on a 1/2" pos choke. FTP 81 psi, csg 102 psi. Recovered 04 bbl load with an est gas rate of 400 MCF/D. TBLR 235 BLTR 46 Days 28

DC: \$0 TACC: \$43,600 TAC: \$94,350

02/09/91- TD: 1336' PBDT: 1273' Perfs 1150'-1176' 24 hours flowing on a 1/2" pos choke. FTP 83 psi, csg 102 psi. Recovered 03 bbl load with an est gas rate of 450 MCF/D. TBLR 238 BLTR 43 Days 29

DC: \$0 TACC: \$43,600 TAC: \$94,350

02/10/91- TD: 1336' PBDT: 1273' Perfs 1150'-1176' 24 hours flowing on a 1/2" pos choke. FTP 83 psi, csg 102 psi. Recovered 02 bbl load with an est gas rate of 450 MCF/D. TBLR 240 BLTR 41 Days 30

DC: \$0 TACC: \$43,600 TAC: \$94,350

02/11/91- TD: 1336' PBDT: 1273; Perfs 1150'-1176' 24 hours flowing on a 1/2" pos choke. FTP 85 psi, csg 102 psi. Recovered 08 bbl load with an est gas rate of 450 MCF/D. TBLR 248 BLTR 33 Days 31

DC: \$0 TACC: \$42,600 TAC \$94,350

02/12/91- TD: 1336' PBDT: 1273; Perfs 1150'-1176' 24 hours flowing on a 1/2" pos choke. FTP 85 psi, csg 119 psi. Recovered 05 bbl load with an est gas rate of 450 MCF/D. TBLR 253 BLTR 28 Days 32

DC: \$0 TACC: \$43,600 TAC \$94,350

02/13/91- TD: 1336' PBDT: 1273; Perfs 1150'-1176' Hook up test unit with meter run. TBLR 253 BLTR 28 Days 33 DC: \$1,500 TACC: \$45,100 TAC \$95,850

02/14/91- TD: 1336' PBDT: 1273; Perfs 1150'-1176' 24 hours flowing through test unit with meter run. FTP 100 psi, FCP 115 psi. Rec 2 bbls water with a gas rate of 660 MCF/D. TBLR 255 BLTR 26 Days 34

DC: \$00 TACC: \$45,100 TAC \$95,850

02/15/91- TD: 1336' PBDT: 1273; Perfs 1150'-1176' 24 hours flowing through test unit with meter run. FTP 78 psi, FCP 98 psi. Rec 2 bbls water with a gas rate of 660 MCF/D. TBLR 257 BLTR 24 Days 35

DC: \$00 TACC: \$45,100 TAC \$95,850

02/16/91- TD: 1336' PBDT: 1273; Perfs 1150'-1176' 24 hours flowing through test unit with meter run. FTP 78 psi, FCP 99 psi. Rec 3 bbls water with a gas rate of 665 MCF/D. TBLR 260 BLTR 21 Days 36

DC: \$00 TACC: \$45,100 TAC \$95,850

02/17/91- TD: 1336' PBDT: 1273; Perfs 1150'-1176' 24 hours flowing through test unit with meter run. FTP 78 psi, FCP 98 psi. Rec 0 bbls water with a gas rate of 687 MCF/D. TBLR 260 BLTR 21 Days 37

DC: \$00 TACC: \$45,100 TAC \$95,850

02/18/91- TD: 1336' PBDT: 1273; Perfs 1150'-1176' 24 hours flowing

through test unit with meter run. FTP 78 psi, FCP 98 psi. Rec 0  
bbls water with a gas rate of 687 MCF/D. TBLR 260 BLTR 21 Days 38  
DC: \$00 TACC: \$45,100 TAC \$95,850

02/19/91- TD: 1336' PBTD: 1273; Perfs 1150'-1176' 24 hours flowing  
through test unit with meter run. FTP 78 psi, FCP 98 psi. Rec 0  
bbls water with a gas rate of 687 MCF/D. TBLR 260 BLTR 21 Days 39  
DC: \$00 TACC: \$45,100 TAC \$95,850

02/20/91- TD: 1336' PBTD: 1273' Perfs 1150-1176' 24 hours flowing  
through test unit with meter run. FTP 78 psi, FCP 98 psi, 4 bbls  
water w/ a gas rate of 700 MCF/D. Pull water and gas samples. Shut  
well in. TBLR 264 BLTR 17 Days 40 DC: \$0 TACC: \$45,100 TAC: \$95,850

02/21/91- TD: 1336' PBTD: 1273; Perfs 1150'-1176' 24 hours SITP 173  
PSI, SICP 189 PSI. TBLR 264 BLTR 17 Days 41 DC: \$500 TACC: \$45,600  
TAC \$96,350

02/22/91- TD: 1336' PBTD: 1273; Perfs 1150'-1176' 24 hours SITP  
195 PSI, SICP 200 PSI. TBLR 264 BLTR 17 Days 42 DC: \$200 TACC:  
\$45,800 TAC \$96,550 DROP FROM REPORT.