

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 Branos Rd., Aztec, NM 87410

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

WELL API NO. 30-045-28116
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. 394
9. Pool name or Wildcat Basin Fruitland Coal
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5550' 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 N : 705 Feet From The South Line and 1555 Feet From The West Line Section 30 Township 29N Range 12W NMPM San Juan County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5550' 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"/>	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 SUPERVISOR DISTRICT # 3 DATE MAY 13 1991

CONDITIONS OF APPROVAL, IF ANY:

TABULATION OF DEVIATION SURVEYS

BHP PETROLEUM (AMERICAS) INC.
GALLEGOS CANYON UNIT NO. 394
API NO.30-045-28116

<u>DEPTH</u>	<u>DEVIATION</u>
605'	1/2°
978'	0°
1197'	0°

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. 394 located 705' FSL and 1555' FWL of Section 30 T29N-R12W of San Juan County, New Mexico.

Signed Beverly Comer
Beverly Comer

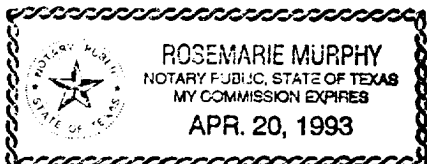
THE STATE OF TEXAS)
) SS.
COUNTY OF HARRIS)

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. 394
SEC. 30, T29N-R12W (SE/SW)
BASIN FRUITLAND COAL FIELD
SAN JUAN COUNTY, NEW MEXICO

WELL COMPLETION HISTORY

11/02/90- MIRU Spud well at 9 pm on 11/1/90. Drill 8-3/4" hole to 136' KB. POOH. RU & ran 3 jts 7" 23# J-55 8R LT&C csg. Landed at 131' KB. RU Western and cmt'd w/100 sxs Class "B" w/2% CaCl & 1/4# sx Cello-Seal. Obtained full returns with 5 bbl cmt circulated to surface. Plug down at 3:45 am on 11/02/90. WOC. Bit No. 1 8-3/4" HTC Ser No. 05C3 in @ 10', out @ 136'. Jets 1/32 3-12. WOB, all, RPM 100, psi 1000, SPM 60. MW 8.0, DCs 14-4 3/4. Drill 4-3/4 hrs, trip 1/4 hr, lub rig 1/4 hr, run csg & cmt 1-1/2 hrs, WOC 3-1/4 hrs. DMC: \$250 DC: \$11,680.

11/03/90- Depth 980' (844') PO: Trip for bit. WOC, NU BOPE & test csg and blind rams to 2,000 psi, pipe rams to 1,500 psi and annular to 500 psi. TIH drill out cmt and drill 6-1/4" hole from 136' to 980' w/one survey. TOOH for bit. Bit No. 1 6-1/4 Varel Serial No. 55726 V517 in @ 136', out @ 980'. Jets 1/32 2-14. Bit No. 3 HTC 6-1/4" RR in @ 980'. Jets 1/32 3/14. WOB, all, RPM 80, psi 1300, SPM 60. MW 8.4, DCs 14-4 3/4. Drill 12-3/4 hrs, trip 2-1/2 hr, lub rig 1/2 hr, dev survey 3/4 hr, WOC 2 hrs, NU BOP/Test 5 hrs. Dev 1/2" @ 605'. DMC: \$250 CMC: \$500 DC: \$9,268 TAC: \$20,948

11/04/90- TD: 1579' (599') Drill 6-1/4" hole from 980' to 1579' w/two surveys. Circ and cond for logs. Short trip 5 stands and circulate bottoms up. POOH for logs. RU Schlumberger, loggers TD 1579'. Ran DIL/GRT/FDC/CNL/SFL/Coal log. RD loggers and TIH, condition hole for csg. POOH and LD DP & DC. Bit No. 3 6-1/4" HTC RR in @ 980', out @ 1579'. WOB all, RPM 65, psi 1300, SPM 68. MW 8.9, Vis 58, PV/YP 18/10, gels 3/14, WL 7.8, pH 10.5, FC/32 2, solids 4, % sand 1/2. Drill 11-1/4 hrs, cond & circ 1-3/4 hrs, trip 4 hrs, lub rig 1/2 hr, survey 1/4 hr, WL logs 4-1/2 hrs, lay dn DP 1-3/4 hrs. Dev 0°. DMC: \$730 CMC: \$1230 DC: \$17,212 TAC: \$38,160

11/05/90- TD: 1579'. Finish LD DP & DC. RU and ran 38 jts 4-1/2" 10.5# J-55 8R ST&C csg and landed at 1554' KB. Circ csg w/rig pump while waiting on cementers. RU Western and cemented with 190 sxs lead 50/50 poz w/2% gel, 10% salt & 1/4# sx cello seal and 20 sxs tail Class "B" w/1.2% CF18 low fluid loss. Obtained full returns with 13 bbl cement circulated to surface. Bump plug. Release pressure and float held. Plug down at 4:15 PM 11/4/90. NU BOPE and jet pits. Release rig at 9:00 PM on 11/4/90. WOB all, RPM 65, psi 1300, SPM 68. Cond & circ 5-1/4 hrs, run csg & cmt 3 hrs, lay dn DP 1 hr, ND BOP & jet 4-3/4 hrs. CMC: \$1230 DC: \$17,218 TAC: \$55,378. WOCT.

11/06/90- TD: 1579' WOCT.

12/28/90- TD: 1579' WOCT.

12/29/90- TD: 1579' WOCT.

12/30/90- TD: 1579' WOCT.

01/30/91- TD: 1579' PBSD 1525' RU & ran gr/ccl log. GIH & perforate the Basin Fruitland Coal from 1399' to 1416' w/3 1/8" csg. Gun, 90

deg. phased, premium charged @ 4 jsp. all shots fired, no pressure to surface. MI & set frac tanks. Fill & heat same.

DC: \$2,400 TACC: \$2,400 TAC: \$57,778

01/31/91- TD: 1579' PBDT 1525' MIRU NU BOPE PU 3 7/8" bit, 4 1/2" csg. scraper on 2 3/8" tbg. & TIH Tag PBDT @ 1525' KB. Circulate hole clean w/2% KCL & additives. Pressure test csg. & BOPE to 2500 psi. TOH w/tbg DC: \$5,200 TACC: \$7,600 TAC: \$62,978

02/1/91- TD: 1579' PBDT 1525' Basin Fruitland Coal 0 Pressure on well. RU western & fracture stimulate the Basin Fruitland Coal down 4 1/2" csg. with 29,000 gal. 25# borate gel, 3,000# 40/70 sand & 46,000# 20/40 sand @ 15 BPM. Max. pressure 1680 psi, min. 1000 psi, avg. 1500 psi. avg. rate 15.5 BPM. Max sand conc. 5 ppg. ISIP 1035 psi, bled back to induce closure. 15 min. 720 psi. Load to recover 694 bbl 4 hour SICP 150 psi. Open well to tank on a 3/8" pos choke. Well died in 30 min. DC: \$19,100 TACC: \$26,700 TAC: \$82,078

02/2/91- TD: 1579' PBDT 1525' Basin Fruitland Coal MIRU TIH w/tbg & tag sand @ 1525'. Clean out to PBDT w/2% KCL water pull back & land tbg. w/44 jts. 2 3/8" 4.7# 8R J-55 EUE @ 1430' KB w/S.N. @ 1397' KB. ND BOPE NU well head. RU to swab, swab back 60 bbl load w/no gas to surface. DC: \$7,700 TACC: \$34,400 TAC: \$89,778

02/3/91- TD: 1579' PBDT 1525' Basin Fruitland Coal Swab well 4 hrs & recovered 30 bbl water w/no gas to surface. Prepare to put on pump. DC: \$900 TACC: \$35,300 TAC: \$90,678

02/4/91- TD: 1579' PBDT 1525' Basin Fruitland Coal Prepare to put on pump. DC: \$0 TACC: 35,300 TAC: 90,678

02/05/91- TD: 1579' PBDT 1525' Basin Fruitland Coal MIRU ran pump and rods. Prepare to set pump jack. DC: \$3,400 TACC: \$38,700 TAC: \$94,078

02/06/91- TD: 1579' PBDT 1525' Basin Fruitland Coal Set pumping unit. DC: \$1,000 TACC: \$39,700 TAC: \$95,078

02/08/91- TD: 1579' PBDT 1525' Basin Fruitland Coal 24 hours pumping. Recovered 78 bbl water with 08 psi on casing. Engine running on propane. DC: \$500 TACC: \$40,200 TAC: \$95,578

02/09/91- TD: 1579' PBDT 1525' Basin Fruitland Coal Perfs 1399-1416'- 24 hours pumping. Recovered 80 bbl water with 30 psi through a 1/4" choke. Est gas 20 MCF/D. TBLR 308 BLTR 386 Days 11 DC: \$000 TACC: \$40,200 TAC: \$95,578

02/10/91- TD: 1579' PBDT 1525' Basin Fruitland Coal Perfs 1399-1416'. 24 hours pumping. Recovered 48 bbl water with a FCP of 41 psi through a 1/4" choke. Est gas 25 MCF/D. Engine running on propane. TBLR 356 BLTR 338 Days 12 DC: \$0 TACC: \$40,200 TAC: \$95,578

02/11/91- TD: 1579' PBDT 1525' Basin Fruitland Coal Perfs 1399-1416' 24 Hours pumping. Recovered 18 bbl water with a FCP of 95 psi through a 1/4" choke. Est gas 100 MCF/D, engine running on propane. TBLR 374 BLTR 320 Days 13 DC: \$0 TACC: \$40,200 TAC: \$95,578

02/12/91- TD: 1579' PBDT 1525' Basin Fruitland Coal Perfs 1399-1416' 24 Hours pumping. Recovered 15 bbl water with a FCP of 115 psi through a 1/4" choke. Est gas 115 MCF/D, engine running on propane. TBLR 389 BLTR 305 Days 14 DC: \$500 TACC: \$40,700 TAC: \$96,078

02/13/91- TD: 1579' PBDT 1525' Basin Fruitland Coal Perfs 1399-

1416' 24 Hours pumping. Recovered 42 bbl water with a FCP of 110 psi through a 1/4" choke. Est gas 107 MCF/D, engine running on propane. TBLR 431 BLTR 263 Days 15 DC: \$00 TACC: \$40,700 TAC: \$96,078

02/14/91- TD: 1579' PBDT 1525' Basin Fruitland Coal Perfs 1399-1416' 24 Hours pumping. Recovered 08 bbl water with a FCP of 22 psi through a 3/8" choke. Est gas 75 MCF/D, engine running on propane. TBLR 439 BLTR 255 Days 16 DC: \$00 TACC: \$40,700 TAC: \$96,078

02/15/91 - TD 1579' PBDT 1525' Basin Fruitland Coal Perfs 1399' - 1416'. 24 Hrs pumping. Rec 32 Bbl water w/a FCP of 27 psi thru a 3/8" choke. Est gas 80 MCF/D, engine running on propane. TBLR 471 BLTR 223 Days 17 DC: \$0 TACC: 40,700 TAC: \$96,078

02/16/91 - TD 1579' PBDT 1525' Basin Fruitland Coal Perfs 1399' - 1416'. 24 Hrs pumping. Rec 22 Bbl water w/a FCP of 30 psi thru a 3/8" choke. Est gas 95 MCF/D, engine running on propane. TBLR 493 BLTR 201 Days 18 DC: \$0 TACC: 40,700 TAC: \$96,078

02/17/91 - TD 1579' PBDT 1525' Basin Fruitland Coal Perfs 1399' - 1416'. 24 Hrs pumping. Rec 20 Bbl water w/a FCP of 30 psi thru a 3/8" choke. Est gas 95 MCF/D, engine running on propane. TBLR 513 BLTR 181 Days 19 DC: \$0 TACC: 40,700 TAC: \$96,078

02/18/91 - TD 1579' PBDT 1525' Basin Fruitland Coal Perfs 1399' - 1416'. 24 Hrs pumping. Rec 15 Bbl water w/a FCP of 30 psi thru a 3/8" choke. Est gas 95 MCF/D, engine running on propane. TBLR 528 BLTR 166 Days 20 DC: \$0 TACC: 40,700 TAC: \$96,078

02/19/91 - TD 1579' PBDT 1525' Basin Fruitland Coal Perfs 1399' - 1416'. 24 Hrs pumping. Rec 15 Bbl water w/a FCP of 30 psi thru a 3/8" choke. Est gas 95 MCF/D, engine running on propane. TBLR 528 BLTR 166 Days 21 DC: \$0 TACC: 40,700 TAC: \$96,078

02/20/91 - TD 1579' PBDT 1525' Basin Fruitland Coal Perfs 1399' - 1416'. 24 Hrs pumping. Rec 22 Bbl water w/a FCP of 38 psi thru a 3/8" choke. Est gas 125 MCF/D, engine running on propane. TBLR 570 BLTR 124 Days 22 DC: \$0 TACC: 40,700 TAC: \$96,078

02/21/91 - TD 1579' PBDT 1525' Basin Fruitland Coal Perfs 1399' - 1416'. 24 Hrs pumping. Rec 15 Bbl water w/a FCP of 39 psi thru a 3/8" choke. Est gas 128 MCF/D, engine running on propane. TBLR 585 BLTR 109 Days 23 DC: \$0 TACC: 40,700 TAC: \$96,078

02/22/91 - TD 1579' PBDT 1525' Basin Fruitland Coal Perfs 1399' - 1416'. 24 Hrs pumping. Rec 15 Bbl water w/a FCP of 40 psi thru a 3/8" choke. Est gas 130 MCF/D, engine running on propane. TBLR 600 BLTR 94 Days 24 DC: \$0 TACC: 40,700 TAC: \$96,078

02/23/91 - TD 1579' PBDT 1525' Basin Fruitland Coal Perfs 1399' - 1416'. 24 Hrs pumping. Rec 15 Bbl water w/a FCP of 41 psi thru a 3/8" choke. Est gas 130 MCF/D, engine running on csg head gas. TBLR 615 BLTR 79 Days 25 DC: \$0 TACC: 40,700 TAC: \$96,078

02/24/91 - TD 1579' PBDT 1525' Basin Fruitland Coal Perfs 1399' - 1416'. 24 Hrs pumping. Rec 15 Bbl water w/a FCP of 41 psi thru a 3/8" choke. Est gas 130 MCF/D, engine running on csg head gas. TBLR 630 BLTR 64 Days 26 DC: \$0 TACC: 40,700 TAC: \$96,078

02/25/91 - TD 1579' PBDT 1525' Basin Fruitland Coal Perfs 1399' - 1416'. 24 Hrs pumping. Rec 13 Bbl water w/a FCP of 41 psi thru a 3/8" choke. Est gas 130 MCF/D, engine running on csg head gas. TBLR 643 BLTR 51 Days 27 DC: \$0 TACC: 40,700 TAC: \$96,078

02/26/91 - TD 1579' PBDT 1525' Basin Fruitland Coal Perfs 1399' - 1416'. 24 Hrs pumping. Rec 10 Bbl water w/a FCP of 41 psi thru

a 3/8" choke. Est gas 130 MCF/D, engine running on csg head gas.
TBLR 653 BLTR 41 Days 28 DC: \$0 TACC: 40,700 TAC: \$96,078
02/27/91 - TD 1579' PBTD 1525' Basin Fruitland Coal Perfs 1399'
- 1416'. 24 Hrs pumping. Rec 7 Bbl water w/a FCP of 42 psi thru
a 3/8" choke. Est gas 135 MCF/D, engine running on csg head gas.
TBLR 660 BLTR 34 Days 29 DC: \$0 TACC: 40,700 TAC: \$96,078
02/28/91 - TD 1579' PBTD 1525' Basin Fruitland Coal Perfs 1399'
- 1416'. 24 Hrs pumping. Rec 10 Bbl water w/a FCP of 42 psi thru
a 3/8" choke. Est gas 135 MCF/D, engine running on csg head gas.
TBLR 670 BLTR 24 Days 30 DC: \$0 TACC: 40,700 TAC: \$96,078
03/01/91 - TD 1579' PBTD 1525' Basin Fruitland Coal Perfs 1399'
- 1416'. 24 Hrs pumping. Rec 10 Bbl water w/a FCP of 45 psi thru
a 3/8" choke. Est gas 140 MCF/D, engine running on csg head gas.
TBLR 685 BLTR 09 Days 31 DC: \$0 TACC: 40,700 TAC: \$96,078
03/02/91 - TD 1579' PBTD 1525' Basin Fruitland Coal Perfs 1399'
- 1416'. 24 Hrs pumping. Rec 14 Bbl water w/a FCP of 43 psi thru
a 3/8" choke. Est gas 140 MCF/D, engine running on csg head gas.
TBLR 699 BLTR +05 Days 32 DC: \$0 TACC: 40,700 TAC: \$96,078
03/03/91 - TD 1579' PBTD 1525' Basin Fruitland Coal Perfs 1399'
- 1416'. 24 Hrs pumping. Rec 00 Bbl water w/a FCP of 00 psi thru
a 3/8" choke. Est gas 000 MCF/D, engine running on csg head gas.
TBLR 699 BLTR +05 Days 33 DC: \$0 TACC: 40,700 TAC: \$96,078
03/04/91 - TD 1579' PBTD 1525' Basin Fruitland Coal Perfs 1399'
- 1416'. 24 Hrs pumping. Rec 13 Bbl water w/a FCP of 44 psi thru
a 3/8" choke. Est gas 140 MCF/D, engine running on csg head gas.
TBLR 712 BLTR +18 Days 34 DC: \$0 TACC: 40,700 TAC: \$96,078
03/05/91 - TD 1579' PBTD 1525' Basin Fruitland Coal Perfs 1399' -
1416'. 24 Hrs pumping. Rec 08 Bbl water w/a FCP of 44 psi thru a
3/8" choke. Est gas 140 MCF/D, engine running on csg head gas.
TBLR 720 BLTR +26 Days 35 DC: \$0 TACC: 40,700 TAC: \$96,078
03/06/91 - TD: 1579' PBTD 1525' Basin Fruitland Coal Perfs 1399-
1416' 24 Hours pumping. Recovered 13 bbl water with a FCP of 50
psi through a 3/8" choke. Est gas 155 MCF/D, engine running on
csg head gas. TBLR 733 BLTR +39 Days 36 DC: \$00 TACC: \$40,700
TAC: \$96,078
03/07/91 - TD: 1579' PBTD 1525' Basin Fruitland Coal Perfs 1399-
1416' 24 Hours pumping. Recovered 08 bbl water with a FCP of 46
psi through a 3/8" choke. Est gas 155 MCF/D, engine running on
csg head gas. TBLR 741 BLTR +47 Days 37 DC: \$00 TACC: \$40,700
TAC: \$96,078
03/08/91 - TD: 1579' PBTD 1525' Basin Fruitland Coal Perfs 1399-
1416' 24 Hours pumping. Recovered 08 bbl water with a FCP of 46
psi through a 3/8" choke. Est gas 155 MCF/D, engine running on
csg head gas. TBLR 749 BLTR +55 Days 38 DC: \$00 TACC: \$40,700
TAC: \$96,078
03/09/91 - TD: 1579' PBTD 1525' Basin Fruitland Coal Perfs 1399-
1416' 24 Hours pumping. Recovered 10 bbl water with a FCP of 48
psi through a 3/8" choke. Est gas 160 MCF/D, engine running on
csg head gas. Shut well in. TBLR 759 BLTR +65 Days 39 DC:
\$1,000 TACC: \$41,700 TAC: \$97,078 DROP FROM REPORT.