

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.
30-045-28064
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
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.)	
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	7. Lease Name or Unit Agreement Name Gallegos Canyon Unit
2. Name of Operator BHP Petroleum (Americas), Inc.	8. Well No. 503
3. Address of Operator 5847 San Felipe, Suite 3600, Houston, TX 77057	9. Pool name or Wildcat W. Kutz Pictured Cliffs
4. Well Location Unit Letter 0 : 1265 Feet From The South Line and 1850 Feet From The East Line Section 18 Township 29N Range 12W NMPM San Juan County	10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5524' 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 are attached.

RECEIVED
JUN 4 1991
OIL CON. DIV.
DIST. 3

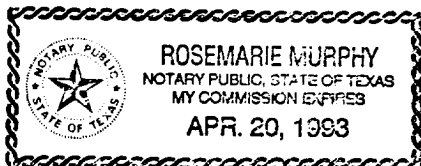
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Beverly Comer TITLE Production Technician DATE 5/30/91
TYPE OR PRINT NAME Beverly Comer TELEPHONE NO. 780-5000

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE JUN 04 1991
CONDITIONS OF APPROVAL, IF ANY:

**BHP PETROLEUM (AMERICAS) INC.
GALLEGOS CANYON UNIT NO. 503
API NO. 30-045-28064**



BHP PETROLEUM (AMERICAS), INC.
GALLEGOS CANYON UNIT NO. 503
SEC. 18, T29N-R12W (SW/SE)
WEST KUTZ PICTURED CLIFFS
SAN JUAN COUNTY, NEW MEXICO

WELL COMPLETION HISTORY

01/18/91- MIRU. Spud well at 6:30 pm on 1/17/91. Drill 8-3/4" hole to 148' KB. RU ran 3 jts 7" 20# K-55 R-3 8R ST&C csg and landed at 144' KB. RU Western and cemented with 125 sxs Class "B" with 3% CaCl and 1/4# sx Cello seal. Obtained full returns with 10 bbl cement circulated to surface. Plug dn at 12:45 am on 1/18/91. WOC 5 hrs. NU BOPE. Bit No. 1 8-3/4" HTC J1 Ser No 91295 in at 10' out at 40;. Bit No 2 8-3/4" STC F2 Ser No J4717 in at 40; out at 148'. Jets 1/32 3/12 WOB all RPM 100 psi 800 SPM 60 MW 9.1 Vis 65. Drill 3-1/2 hrs, cond & circ 1/2 hr, run csg & cmt 1-3/4 hrs, WOC 5 hrs, NUBOP 1-1/4 hrs, lay dn DP 1/2 hr. DMC: \$400 DC: \$12,300

01/19/91- Depth 1540' (1391') NU BOPE test csg and blind rams to 2500 psi, pipe rams to 1500 psi and annular to 500 psi. Drill out cement and drill 6-1/4" hole to 1540' with one survey 1/2° @ 733'. Bit No 3 6-1/4" Varel V517 Ser No 55703 in at 148' Jets 1/32 3/14 DCs 14-4 3/4". WOB all RPM 100 psi 1000 SPM 60 MW 9.1 Vis 60 PV/YP 18/12 Gels 9/20 WL 9 pH 9 FC/32 2 Solids 3 % Sand 1. Drill 16-1/2 hrs, lub rig 3/4 hr rep rig 3/4 hr survey 1/4 hr NU BOP/Test 4-3/4 hrs drl cmt 1 hr. DMC: \$600 CMC: \$1,000 DC: \$15,200 TAC: \$27,500

01/20/91- TD: 1585' (45') Drill 6-1/4" hole to 1560'. Circ and condition for logs. Short trip. POH RU HLS and GIH with logging tools. Tools would not go to bottom. POH TIH Drill pipe. Drill out bridge at 1480' and ream to bottom. TOH GIH w/logging tools. Logging up tools stuck at 1380'. Work tools free. POH TIH w/DP. Drill hole from 1560' to 1585' with one survey 3/4° @ 1585'. Circ and cond for logs. POH RU HLS and GIH. Log TD 1584'. Logging up hole. Bit No 3 6-1/4" Varel V517 Ser No 55703 in at 148' out at 1585' Jets 1/32 3/14 WOB all RPM 100 psi 1000 SPM 60 MW 9.2 Vis 68 PV/YP 22/18 Gels 12/30 WL 8.8 pH 9 FC/32 2 Solids 5 % Sand .5. Drill 1-1/4 hrs, cond & circ 5-3/4 hrs, trip 7-1/4 hrs, lub rig 1/2 hr, survey 1/4 hr, WL logs 9 hrs. DMC: \$750 CMC: \$1,750 DC: \$6,950 TAC: \$34,450

01/21/91- TD: 1585' (0') Ran DSN/SDL/DIGL/GR/COAL logs. RD HLS. TIH w/DP. Circ and cond. POH LD DP. RU and ran 39 jts 4-1/2" 10.5# J-55 8R ST&C csg and landed at 1581' KB. RU Western and pumped leak 235 sxs 50/50 poz w/2% gel, 10% salt, 1/4# sx Cello seal and tail w/20 sxs Class "B" w/1.2% CF-18 low fluid loss. Obtained full returns w/6 bbl cement to surface with 05 bbl displ. Left returns were lost. Surface csg was static. Bumped plug, float held. Plug dn at 2:30 pm on 1/20/91. ND BOPE jet pits. Released rig at 6:30 pm on 1/20/91. MW 8.4 Vis 55 PV/YP 22/18 Gels 12/25 WL 7.6 pH 9.6 FC/32 2 Solids 5 % Sand 1. Trip 1 hr, lub rig 1/4 hr, WL logs 1-1/4 hr, lay dn DP 1-3/4 hrs, ND BOP & jet 4 hrs. DMC: \$0 CMC: \$1,750 DC: \$25,900 TAC: \$60,350

02/23/91- TD: 1585' PBTD 1553' Perfs 1445-1466'. MIRU PU bit and csg scraper on 2-3/8" tbgr. and tally in hole Found PBTD at 1553' KB. Circ hole clean w/2% KCL water and additives. Pressure test

csg and BOPE to 2500 psi. RU Electric Line and ran GR/CCL logs. Perf the Pictured Cliffs from 1445' to 1466' with a 3-1/8" premium charged 90° phased csg gun at 4 JSPF. No pressure to surface. RD Electric Line, all shots fired. Day 1 SDFN. DC: \$5,400 TACC: \$5,400 TAC \$65,750

02/24/91- TD: 1585' PBDT 1553' Perfs 1445-1466' 0 Pressure on well. RU BJ and fracture stimulate the Picture Cliff dn 4-1/2" csg w/10,080 gal 35# gel, 70 quality foam and 66,200# 12/20 Brady sand at 30 BPM. Max treating pressure 2250 psi, avg 1000 psi, avg rate 30 BPM. Max sand concentration 5 ppg. ISIP 876 psi, bleed back to induce closure. 15 min 769 psi. 4 hr SICP 420 psi. Open well to frac tank on a 3/8" pos choke. BLTR 240 Days 2 DC: \$25,200 TACC: \$30,600 TAC: \$90,950

02/25/91- TD: 1585' PBDT 1553' Perfs 1445-1466' 24 hrs flowing on a 3/8" pos choke FCP 168 psi. Recovered 282 bbl water w/estimated gas rate of 120 MCF/D. BLTR 240 Days 3 DC: \$00 TACC: \$30,600 TAC: \$90,950

02/26/91- TD: 1585' PBDT 1553' Perfs 1445-1466' 24 hrs flowing on a 3/8" pos choke FCP 170 psi. Recovered 122 bbl water w/estimated gas rate of 150 MCF/D. TBLR 404 BLTR +164 Days 4 DC: \$400 TACC: \$31,000 TAC: \$91,350

02/27/91- TD: 1585' PBDT 1553' Perfs 1445-1466' Well flowed 21 hrs recovered 128 bbl water. Shut well in. MIRU kill well w/2% KCL and additives. TIH w/tbg and tag sand at 1450'. Circ clean to PBDT w/N2. Pull up and land tbg w/46 jts 2-3/8" 4.7# 8R J-55 EUE at 1496'KB. W/SN at 1463' KB. ND BOPE. NU well head. Unload w/N/2. Left well on test on a 3/8" pos choke. TBLR 532 BLTR +292 Days 5 DC: \$7,600 TACC: \$38,600 TAC: \$98,950

02/28/91- TD: 1585' PBDT 1553' Perfs 1445-1466' 20 hours flowing on a 3/8" choke. FTP 145 psi, FCP 219 psi. Recovered 63 bbl water with a gas rate of 225 MCF/D. TBLR 595 BLTR +355 Days 6 DC: \$00 TACC: \$38,600 TAC: \$98,950

03/01/91- TD: 1585' PBDT 1553' Perfs 1445-1466' 20 hours flowing on a 3/8" choke. FTP 138 psi, FCP 222 psi. Recovered 77 bbl water with a gas rate of 200 MCF/D. TBLR 672 BLTR +432 Days 7 DC: \$00 TACC: \$38,600 TAC: \$98,950

03/02/91- TD: 1585' PBDT 1553' Perfs 1445-1466' 22 hours flowing through test separator with a 2" meter run. FTP 142 psi, FCP 225 psi. REc 58 bbl water w/a gas rate of 200 MCF/D. TBLR 730 BLTR +490 Days 8 DC: \$1,000 TACC: \$39,600 TAC: \$99,950

03/03/91- TD: 1585' PBDT 1553' Perfs 1445-1466' 24 hours flowing through test separator with a 2" meter run. FTP 140 psi, FCP 225 psi. Recovered 65 bbl water with a gas rate of 252 MCF/D. TBLR 795 BLTR +455 Days 9 DC: \$00 TACC: \$39,600 TAC: \$99,950

03/04/91- TD: 1585' PBDT 1553' Perfs 1445-1466' 24 hrs flowing through test separator with a 2" meter run. FTP 140 psi, FCP 230 psi, recovered 57 bbl water w/a gas rate of 274 MCF/D. TBLR 852 BLTR +612 Days 10 DC: \$200 TACC: \$39,800 TAC: \$100,150

03/05/91- TD: 1585' PBDT 1553' Perfs 1445-1466' 24 hrs flowing through test separator with a 2" meter run. FTP 140 psi, FCP 230 psi, recovered 62 bbl water w/a gas rate of 291 MCF/D. TBLR 914 BLTR +674 Days 11 DC: \$500 TACC: \$40,300 TAC: \$100,650

03/06/91- TD: 1585' PBDT 1553' Perfs 1445-1466' 24 hrs flowing through test separator with a 2" meter run. FTP 140 psi, FCP 230

psi, recovered 50 bbl water w/a gas rate of 300 MCF/D. TBLR 964
BLTR +724 Days 12 DC: \$400 TACC: \$40,700 TAC: \$101,050

03/07/91- TD: 1585' PBTD 1553' Perfs 1445-1466' Well SI 20 hrs.
SITP 260 psi, SICP 260 psi. TBLR 964 BLTR +724 Days 13 DC: \$0
TACC: \$40,700 TAC: \$101,050

03/08/91- TD: 1585' PBTD 1553' Perfs 1445-1466' Well SI 44 hrs.
SITP 260 psi, SICP 260 psi. TBLR 964 BLTR +724 Days 14 DC: \$0
TACC: \$40,700 TAC: \$101,050

03/09/91- TD: 1585' PBTD 1553' Perfs 1445-1466' 68 hr SITP 267 psi,
SICP 267 psi. TBLR 964 BLTR +724 Days 15 DC: \$0 TACC: \$40,700 TAC:
\$101,050

03/10/91- TD: 1585' PBTD 1553' Perfs 1445-1466' 92 hour SITP 267
psi, SICP 267 psi. WOPL TBLR 964 BLTR +724 Days 16 DC: \$0 TACC:
\$40,700 TAC: \$101,050 DROP FROM REPORT.