

Submit 5 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

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.
30-045-28068

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

1. Type of Well:
OIL WELL GAS WELL OTHER

2. Name of Operator
BHP Petroleum (Americas), Inc.

8. Well No.
513

3. Address of Operator
5847 San Felipe, Suite 3600, Houston, Texas 77057

9. Pool name or Wildcat
W. Kutz Pictured Cliffs

4. Well Location
Unit Letter H : 1560 Feet From The North Line and 795 Feet From The East Line
Section 34 Township 29N Range 12W NMPM San Juan County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
5345' 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"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: <u>Completion History</u> <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 subject well has been completed. A daily summary of completion operations and deviation surveys are attached.

RECEIVED
APR 08 1991
OIL CON. DIV.
DIST. 3

RECEIVED
MAR 27 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 March 19, 1991
Beverly Comer (713) 780-5000
TYPE OR PRINT NAME TELEPHONE NO.

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE APR 08 1991

CONDITIONS OF APPROVAL, IF ANY:

BHP PETROLEUM (AMERICAS), INC.
GALLEGOS CANYON UNIT NO. 513
SECTION 34, T29N-R12W (SE/NE)
PICTURED CLIFFS FIELD
SAN JUAN COUNTY, NEW MEXICO

WELL COMPLETION HISTORY

PROJ TD: 1475'.

10/9/90 - Spud well at 7:00 am 10/8/90. Drill 8 3/4" hole to 140' KB. Boulders from 36' to 85'. RU and ran 3 jts 7" 23# J-55 csg and landed at 134' KB. Cmt w/150 sxs Class "B" w/2% CaCl & 1/4#/sx cello seal. Had full returns. Cmt circ to surface. PD @ 3:45 pm on 10/8/90. WOC 5 hrs. No centralizers due to boulders. NUBOPE and test csg and blind rams to 2000 psi, pipe rams to 1,000 psi and annular to 500 psi. Drill out cmt and drill 6-1/4" hole to 170'.

10/10/90 - Drill 6-1/4" hole from 170' to 825'. Dev survey, 1/2° @ 482'.

10/11/90 - Drill 6-1/4" hole from 825' to 1,455'. Well kicking - weight up mud system.

10/12/90 - TD: 1,455'. PO: WOCT. Circ and mix mud. Short trip for logs. POOH. RU Schlumberger and log well. Loggers TD 1453'. Ran FDC/CNL/GR/DIL/HRL and coal logs. RD loggers and TIH. POOH. LD DP. Circ & mix pill @ 500'. RU, ran 35 jts 4-1/2" 10.5# J-55 ST&C 8R csg and landed at 1446' KB. RU Western and cmt w/130 sxs 50/50 Poz w/2% gel, 10% salt, 1/4# sx cello seal and tailed in w/40 sxs Class "B", 1.2% CF-18.(5 centralizers). Obtained full returns w/8 bbls cmt circ to surface. Bump plug w/1250 psi, released and held. PD @ 8:30 10/11/90. Rel rig @ 12:30 am 10/12/90.

10/13/90 - 12/04/90- TD: 1,455'. WOCT.

12/05/90 - TD: 1,455' PBSD: 1417' MIRU NU BOPE 3 7/8" bit, 4 1/2" csg scraper on 2 3/8" tbg & TIH. Tag PBSD @ 1417'. Circ hole clean w/ 2% kcl & additives. Press test csg & BOP to 2500 psi POH. RU & ran gr/ccl correlation log. POH. GIH to perf the Pictured Cliffs from 1310' to 1320' w/ 3 1/8" 90 deg phased, premium charged csg gun @ 4 jsfp. All shots fired, no pressure to surface. SDFN.

12/06/90- TD 1455' PBSD: 1417' W/O Frac Crew.

12/07/90- TD 1455' PBSD: 1417' 0 pressure on well. RU western & fracture stimulate the Pictured Cliffs down 4 1/2" csg w/33,000 gal 20# linear gel, 70 quality n/2 foam & 59,000# 20/40 brady sand @ 15 bpm. max. pressure 2060 psi min 1010 psi avg 1070 psi rate 15 bpm & max sand conc. 5 ppg. Load to recover 332 bbl. ISIP 960 psi. Bled back for fracture closure. 15 min 840 psi 4 hr sicp 650 psi open well to frac tank on a 3/8" pos choke. TBLR 0 BLTR 332.

12/08/90- TD 1455' PBSD: 1417' 17 hrs flowing on a 3/8" pos choke. Recovered 200 bbl load w/an est gas rate of 700 MCF/D. TBLR 200 BLTR 132.

12/09/90- TD 1455' PBSD: 1417' 24 hrs flowing on a 3/8" pos choke. Recovered 28 bbl load w/an est gas rate of 600 MCF/D. MIRU. TIH w/expandable check on 2 3/8" tbg. Tag sand @ 1316'. RU & clean out to PBSD w/ N/2. Pull up & land tbg w/41 jts 2 3/8" 4.7# J-55 8R EUE @ 1329' w/S.N. @ 1296' KB. ND BOP. NU well head. Pump off expendable check & left well flowing to frac tank on a 3/8" pos choke ftp 215 psi. TBLR 228 BLTR 104.

12/10/90- TD 1455' PBTD: 1417' 15 hrs flowing on a 3/8" pos choke. ftp 210 psi, Recovered 40 bbl load w/an est gas rate of 600 MCF/D. TBLR 268 BLTR 64.

12/11/90- TD 1455' PBTD: 1417' 15 hrs flowing on a 3/8" pos choke. FTP 190 psi, Recovered 113 bbl load w/an est gas rate of 550 MCF/D. TBLR 381 BLTR 177.

12/12/90- TD 1455' PBTD: 1417' 24 hrs flowing thru test unit with a 2" meter run. FTP 232 psi, csg 300 psi. Recovered 83 bbl load w/a gas rate of 516 MCF/D. TBLR 464 BLTR 94.

12/13/90- TD 1455' PBTD: 1417' 24 hrs flowing thru test unit with a 2" metr run. FTP 164 psi, csg 218 psi. Recovered 110 bbl load w/a gas rate of 318 MCF/D. TBLR 574 BLTR +16.

12/14/90- TD 1455' PBTD: 1417' 24 hrs flowing thru test unit with a 2" meter run. FTP 161 psi, csg 212 psi. Recovered 110 bbl load w/a gas rate of 317 MCF/D. TBLR 684 BLTR +126.

12/15/90- TD 1455' PBTD: 1417' 24 hrs flowing thru test unit with a 2" meter run. FTP 140 psi, csg 245 psi. Recovered 77 bbl load w/a gas rate of 312 MCF/D. Pull water and gas samples. SI WO pipeline connection. TBLR 761 BLTR +203. FINAL REPORT.