

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. SF 078109
2. Name of Operator BHP PETROLEUM (AMERICAS) INC.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. BOX 977 FARMINGTON, NEW MEXICO (505) 327-1639	7. If Unit or CA, Agreement Designation GALLEGOS CANYON UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1120' FSL AND 1780' FWL = N SE/SW SEC.09, T28N, R12W	8. Well Name and No. NO. 309
	9. API Well No. 30-045-24729
	10. Field and Pool, or Exploratory Area BASIN FRUITLAND COAL
	11. County or Parish, State SAN JUAN, NEW MEXICO

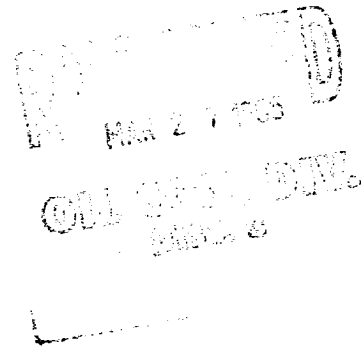
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHED WELL RE-COMPLETION HISTORY.



14. I hereby certify that the foregoing is true and correct
FRED LOWERY **MANAGER FIELD OPS.** **03-21-95**
Signed _____ Title _____ Date _____
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any: _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

FARMINGTON DISTRICT OFFICE
Sum

GALLEGOS CANYON UNIT
WELL #309

8/5/93-MIRU J. C. Well Service. Kill well w/lease water. ND head and NU stripper head. POOH with tbg. PU 3 7/8" bit w/ a 4 1/2" csg scraper on 2 3/8" tbg and TIH to 1257'. POOH and LD tools. PU Guiberson 4 1/2" pkr and TIH to 915'. Set pkr and test csg to 500 psi, ok. RU Cementers Inc. and squeeze Fruitland Sand perfs pumping 100 sks Class "B" w/2% CaCl pumping rate was 3 BPM at 300 psi. Displace cement out of tbg and start to stage. Pumped 2 stages in 25 min. Final stage pressure was 300 psi at 1/2 BPM. Left cmt at 1000'. SWI w/300 psi on squeeze. WOC.

8/6/93-Rel pkr and POOH. PU 3 7/8" bit and TIH. Tag cmt at 1000'. RU power swivel and drill good cement to 1074'. Test squeeze. Did not hold. POOH w/bit, PU pkr and TIH. Set pkr at 915' and test csg to 500 psi. RU Cementers Inc. and squeeze Fruitland sand perfs pumping 50 sks Class "B" w/2% CaCl. Pumping rate was 1 BPM at 1100 psi. Displace cement out of tbg and start to stage. Pumped 2 stages in 40 min. Final stage pressure was 400 psi at 1/2 BPM. left cement at 995'. SWI w/400 psi on squeeze.

8/9/93-Rel pkr and POOH. PU 3 7/8" bit and TIH. Tag cmt at 995'. RU power swivel and drill good cmt to 1045'. Test squeeze to 1000 psi w/Quadco and chart test for well file. Csg held ok. TIH to 1257' and could not drill cmt opn CIBP. Expendable check on top of cement, this was pumped off when the Fruitland sand was completed. POOH w/bit. PU flat bottom mill w/junk basket and TIH. Mill on fish until pump pressure increased. POOH. Did not have fish in basket. SDFN.

8/10/93-TIH w/flat bottom mill and junk basket. Mill on fish until pump pressure increased. POOH. Did not have fish. PU 3 1/2" magnet on sand line and GIH. POH w/magnet, did nto have fish. TIH w/flat bottom mill and mill up fish. POOH and LD mill. PU 3 7/8" bit and TIH. Drill 25' cement from 1257' to 1282'. SDFN.

8/11/93-Drill 10' cmt from 1282' to 1292' and trip for bit. PU new 3 7/8" bit and TIH. Drill cmt to top of CIBP at 1327'. Drilled top of CIBP and the hole equalized, lost returns. Drill on plug for one hour. No footage trip for bit. TIH w/flat bottom mill and could not mill up CIBP. Well will not circulate. POOH. SDFN.

8/12/93-PU shoe to burn over CIBP, mill up slips on plug and push plug down to 1380'. POOH and LD shoe. PU 3 7/8" bit w/ a 4 1/2" csg scraper on 2 3/8" tbg and TIH to 1380'. POOH laying down tbg and tools. SWI. Rig down and move out.

GALLEGOS CANYON UNIT
WELL #309

3/17/94-MIRU JC Well Service. ND well head and NU BOPE. RU Electric Line and ran a GR/CCL log from 1403' to 1100'. Correlate to Birdwell GR log of 3/11/81 and set a 4 1/2" Owen CIBP at 1352' KB. Test csg & CIBP to 500 psi, OK. GIH and perf the Fruitland Coal from 1294' to 98' and 1324' to 34' with a 3 1/8" HSCG loaded 4 JSPF, 90- deg phasing shooting a .39" hole. POH all shots fired no gas to surface. RD Elect. Line. TIH w/ a 4 1/2" Guiberson packer on a 2 3/8" tbg. Set pkr at 1130' KB. ; Test pkr to 500 psi, OK. RU swab tools and swab tbg down. Move in, set, fill, filter and heat two frac tanks w/2% KCL water + additives. SDFN. 3/18/94-SITP 40 psi. RU Dowell to fracture stimulate the Fruitland Coal down 2 3/8" tbg w/22,680 gal 25# crosslink gel (YF 125 fluid) pumping 51,000# 20/40 Brady sand at 15 BPM. Max pressure 1200 psi, avg 1050 psi. Avg rate 15 BPM. Max sand conc. 6 ppg ISIP 485 psi, 15 min. 370 psi 540 bbl load fluid to recover. Left well shut in for 3 hrs, gel break. 3 hr SITP 0 psi, release pkr and TOH. LD pkr and TIH w/2 3/8" tbg. Tag sand at 1292'. Circ hole clean w/30 bbl 2% KCL water. Pull back and land tbg w/ 39 jts 2 3/8" 4.7# 8R J-55 EUE at 1318' KB. ND BOPE and NU well head. RU swab. Swab back 29 bbl load water. SDFN. 3/19/94-0 pressure on well. Ran swab and tag fluid at 500'. Swab well 9 hrs and recovered 100 bbl load. Fluid level constant at 900'. Swabbing back frac sand at start and cleaned up after 3 hrs swabbing. Csg pressure increased to 25 psi. No gas to surface. Final FL 900'. SDFN. 3/20/94-SICP 20 psi, tbg 0 psi. Ran swab and tag fluid at 800'. Swab well 8 hrs and recovered 87 bbl load water. Casing pressure increased to 45 psi w/ a slight gas blow after swab. Final fluid level 1000'. SDFN. 3/21/94-SICP 15 psi tbg 0 psi. 3/22/94- No pressure on well. Ran swab and tag fluid at 700'. Made 60 swab runs in 9 hours and recovered 60 bbl load fluid. Check for fill in csg, no fill. Csg pressure started to increase on the last 4 runs. Final fluid level 900'. SDFN. 3/23/94-No pressure on well. Ran swab and tag fluid at 900'. Made 83 swab runs in 10 hrs and recovered 79 bbl load fluid. Csg pressure increased to 110 psi w/ a gas blow after swab. Final FL at 1100'. 3/24/94- SITP 0 psi SICP 115 psi. Ran swab and tag fluid at 900'. Swab well 10 hrs and recovered 67 bbl load water. Csg pressure increased to 145 psi w/ a slight gas blow after swab. Final fluid level at 1000'. 3/25/94- SITP 0 psi SICP 145 psi. Ran swab and tag fluid at 1000'. Swab well 8 hrs and recovered 62 bbl load water. Csg press steady at 145 psi w/ a slight gas blow after swab. Final FL at 1100'. Soap well and left open to tank on 3/8" choke. 3/26/94- SITP 0 psi SICP ;150 psi. Ran swab and tag fluid at 900'. Swab well 8 hrs and recovered 70 bbl load water. Csg press steady at 145 psi w/ a stronger gas blow after swab. Final FL at 1100'. Soap well and shut in. 3/27/94-SITP 0 psi SICP 150 spi. Ran swab and tag fluid at 900'.

Swab well 8 hrs and recovered 55 bbl load wtr. Csg pressure steady at 130 psi w/ a stronger gas blow after swab. Final fluid level at 1000'. Soap well and shut in.

3/28/94- Well shut in.

3/29/94-SICP 155 psi 0 psi on tbq. Ran swab and tag fluid at 900'. Swab well 7 hrs and recovered 53 bbl wtr. Tbg trying to flow after each run. RD swab unit and left well open to tank on a 3/8" choke.

3/30/94-No flow overnight. Prepare to put on pump.

3/31/94- MIRU Big "A". SITP 0 psi SICP 150 psi. Blew dn csg and tag fill in csg at 1350'. Unable to circulate well to clean out. Reland tbq EOT at 1343' KB. PU 1 1/4" insert pump and 52 new 3/4" rods. Seat pump and space out. Press test and clamp off. RD and move out. Prepare to set pumping unit.

4/1/94- Set pumping unit and start hook-up.

4/2/94- 14 hrs pumping, recovered 22 bbl water w/ 10 psi in csg. Flowing thru a 3/8" choke. Estimated gas volume 30 MCF/D.

4/3/94- 24 hrs pumping, recovered 10 bbl wtr w/ 05 psi on csg. Flowing thru a 3/8" choke. Estimated gas volume 0 MCF/D.

4/4/94-24 hrs pumping, recovered 10 bbl water w/05 psi on csg. Flowing thru 3/8" choke. Est gas vol 0 MCF/D.

4/5/94- 24 hrs pumping, recovered 75 bbl water w/ 05 psi on csg. Flowing thru a 3/8" choke. Est gas volume 0 MCF/D.

4/10-13/94- Pumping w/ est gas volume 0 MCF/D.

4/14/94- Change to 1/4" choke. 24 hrs daily pumping flowing thru 1/4" choke w/ est gas rate of 0 MCF/D 00 psi on csg.

4/18/94- Drop from report.