

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**

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 078019
2. Name of Operator BHP Petroleum (Americas), Inc.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 5847 San Felipe, Suite 3600, Houston, TX 77057 (713) 780-5000	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 995' FSL & 1635' FWL (SE/SW) Section 35-T28N-R11W	8. Well Name and No. E. H. Pipkin 29
	9. API Well No. 30-045-28547
	10. Field and Pool, or Exploratory Area Basin Fruitland Coal
	11. County or Parish, State San Juan, New Mexico

**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 checked="" type="checkbox"/> Other <u>Completion History</u>
	<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.)\*

MIRU. Spud 8-3/4" hole @ 2:45 a.m. on 5/23/91. Drld to 138' KB. Ran 3 jts 7", 20#, 8R, J-55 csg and landed @ 134' KB. Cmt'd w/ 125 sxs (147.5 cu ft) Class "B" w/ 3% CaCl 2 and 1/4#/sk Cello Seal. Drld 6-1/4" hole to 2005'. TOOH. Ran DIFL/SDL/DSN/ & Coal logs. Ran 46 jts 4-1/2", 10.5#, 8R, J-55, R-3, ST&C csg and landed at 1996' KB. Pumped 405 sx (510.3 cu ft) 50/50 POZ w/ 10% salt, and 2% gel. Tail w/ 35 sx (40.95 cu ft) Class "B" w/ 1.2% CF-18. Rel rig at 5:30 a.m. on 5/26/91.

The daily history of the completion operations is attached.

**RECEIVED**  
SEP 12 1991  
OIL CON. DIV.  
DIST. 3

**ACCEPTED FOR RECORD**  
SEP 12 1991  
FARMINGTON RESOURCE AREA  
BY                     

14. I hereby certify that the foregoing is true and correct

Signed Beverly Carter

Title Production Technician

Date 8/23/91

(This space for Federal or State office use)

Approved by  
Conditions of approval, if any:

Title

Date

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

**BHP PETROLEUM (AMERICAS), INC.**  
**E. H. PIPKIN NO. 29**  
**SECTION 35-T28N-R11W**  
**Basin Fruitland Coal**  
**SAN JUAN COUNTY, NEW MEXICO**

**COMPLETION HISTORY**

**05/23/91-** Depth: 138'. MIRU. Spud well at 2:45 a.m. on 5/23/91. Drill 8-3/4" hole to 138' KB. LD DC. RU and ran 3 jts; 7", 20#, 8R, J-55, ST&C csg and land at 134' KB.

**05/24/91-** Depth: 365'. Cmt'd w/ 125 sx Class "B" w/ 3% CaCl and 1/4#/sk Cello Seal. Obtained full returns w/ 7 bbls circ to surface. PD @ 8:45 a.m. on 5/23/91. WOC 12 hrs. NU BOPE. Test csg and blind rams to 1500 psi, pipe rams to 1000 psi and hydrill to 500 psi. Held OK. Drill out cmt and drill 6-1/4" hole to 365'. Lost pump pressure and POOH.

**05/25/91-** Depth: 1500'. TIH & drill 6-1/4" hole to 1500' w/ two surveys. Survey 1/4° @ 742' and 1/4° @ 1367'.

**05/26/91-** TD: 2005'. Drill 6-1/4" hole to 2005' w/ one survey. Mix mud & circ. Short trip & POOH. RU and ran DIFL/SDL/DSN & coal log. RD. TIH & Cond. POOH. LD DP. RU & ran 46 jts; 4-1/2", 10.5#, 8R, J-55, R-3, ST&C csg and land @ 1996' KB. RU western & pump 405 sks 50/50 POZ w/ 10% salt and 2% gel. Tail w/ 35 sks class "B" w/ 1.2% CF-18. Obtained partial returns. Bump plug w/ 1500 psi, float held. PD @ 12:45 a.m. on 5/26/91 (shut dn to drop plug & lost circ) Jet pits & release rig @ 5:30 a.m. on 5/26/91. Survey 1/2° @ 2005'.

**05/27/91-** TD: 2005'. RU electric line. GIH w/temp log to determine cmt top. LD temp tool & PU GR/CCL & CBL tool. Log well & found cmt top @ 252'. WOCT.

**05/28/91-06/17/91-** WOCT.

**06/18/91-** TD: 2005'. PBTD: 1970'. Perfs: 1783'-1796'. MIRU. NU BOPE. PU bit, scraper & 2-3/8" tbg & tally in hole. Found PBTD @ 1970' KB. Circ hole clean w/ 2% KCL water. Test csg & BOPE to 2500 psi. OK. TOH w/ tbg. RU elect line & perforate the Basin Fruitland Coal from 1783' to 1796' w/ a 3-1/8" premium charged csg gun loaded w/ 4 JSPF & 90° phasing. RD electric line all shots fired. MI & set frac tank, fill & filter 2% KCL water w/ biocide.

**06/19/91-** TD: 2005'. PBTD: 1970'. Perfs: 1783'-1796'. MIRU. Fracture stimulate the Fruitland Coal down 4-1/2" csg with 8,862 gals, 20# gel, 70 quality foam & 64,700# 12/20 Brady Sand @ 25 BPM. Max treating pressure 2500 psi, minimum 1190 psi, avg 1800 psi @ an avg rate of 25 BPM. Max sand conc, 8 ppg. Load to recover 211 bbl. ISIP 940 psi. Bled down to induce fracture closure. Final shut in, 790 psi. 5 hr SICP 400 psi. Open well to frac tank on a 3/8" pos choke. Recovered 40 bbl load in 16 hrs. Well dead @ 7:00 a.m.

**06/20/91-** TD: 2005'. TIH w/expendable check on 2-3/8" tbg. Tag sand @ 1674'. RU western & clean out w/ N/2 to 1970' KB. PU & land tbg w/ 56 jts; 2-3/8", 4.7#, 8R, J-55, EUE @ 1814' KB. ND BOP & NU well head. Pump off check & unload well w/ N/2. Testing well on a 3/8" pos choke.

**06/21/91-** TD: 2005'. 16 hrs flow testing well on a 3/8" pos choke.

Recovered 40 bbl load w/ a gas rate of 136 MCF/D. FTP 40 psi, csg pressure 92 psi.

06/22/91- TD: 2005'. 24 hrs flow testing well on a 3/8" pos choke. Recovered 02 bbl load w/ a gas rate of 200 MCF/D. FTP 60 psi, csg pressure 82 psi.

06/23/91- TD: 2005'. 24 hrs flow testing well on a 3/8" pos choke. Recovered 01 bbl load w/ a gas rate of 245 MCF/D. FTP 72 psi, csg pressure 88 psi.

06/24/91- TD: 2005'. 24 hrs flow testing well on a 3/8" pos choke. Recovered 01 bbl load w/ a gas rate of 270 MCF/D. FTP 80 psi, csg pressure 90 psi.

06/25/91- TD: 2005'. NO REPORT.

06/26/91- TD: 2005'. 24 hrs flow testing well on a 1/2" pos choke. Recovered 00 bbl load w/ a gas rate of 295 MCF/D. FTP 47 psi, csg pressure 73 psi.

06/27/91- TD: 2005'. 24 hrs flow testing well on a 1/2" pos choke. Recovered 00 bbl load w/ a gas rate of 325 MCF/D. FTP 52 psi, csg pressure 65 psi.

06/28/91- TD: 2005'. 24 hrs flow testing well on a 1/2" pos choke. Recovered 00 bbl load w/gas rate of 325 MCF/D. FTP 52 psi, csg pressure 65 psi. TBLR 84 BLTR 127.

06/29/91- TD: 2005'. 24 hrs flow testing well on a 1/2" pos choke. Recovered 00 bbl load w/gas rate of 325 MCF/D. FTP 52 psi, csg pressure 65 psi. TBLR 84 BLTR 127.

06/30/91- TD: 2005'. 24 hrs flow testing well on a 1/2" pos choke. Recovered 00 bbl load w/gas rate of 325 MCF/D. FTP 52 psi, csg pressure 53 psi. TBLR 84 BLTR 127.

07/01/91- TD: 2005'. 24 hrs flow testing well on a 1/2" pos choke. Recovered 00 bbl load w/gas rate of 325 MCF/D. FTP 52 psi, csg pressure 53 psi. TBLR 84 BLTR 127.

07/02/91- TD: 2005'. 24 hrs flow testing well on a 1/2" pos choke. Recovered 00 bbl load w/gas rate of 294 MCF/D. FTP 47 psi, csg pressure 65 psi. TBLR 84 BLTR 127.

07/03/91- 24 flow testing well on 1/2" pos choke. Rec 00 bbl load w/a gas rate of 294 MCF/D. FTP 47 psi, csg press 65 psi. Pull gas sample and shut well in. TBLR 84 BLTR 127.

07/04/91- 24 hr SITP 132 psi, SICP 132 psi. TBLR 84 BLTR 127.

07/05/91- 48 hr SITP 142 psi, SICP 142 psi. TBLR 84 BLTR 127.

07/06/91- 72 hr SITP 148 psi, SICP 148 psi. TBLR 84 BLTR 127.

07/07/91- 96 hr SITP 150 psi, SICP 151 psi. TBLR 84 BLTR 127.

07/08/91- 120 hr SITP 150 psi, SICP 151 psi. TBLR 84 BLTR 127.

07/09/91- 144 hr SITP 151 psi, SICP 160 psi. TBLR 84 BLTR 127.

07/10/91- 168 hr SITP 152 psi, SICP 162 psi. TBLR 84 BLTR 127.

07/11/91- 192 hr SITP 152 psi, SICP 152 psi. TBLR 84 BLTR 127.

07/12/91- 216 hr SITP 152 psi, SICP 152 psi. TBLR 84 BLTR 127.

**DROP FROM REPORT. WAITING ON PIPELINE CONNECTION.**