

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 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) 1785' FNL & 1835' FEL (SW/NE) Section 12-T27N-R11W	8. Well Name and No. E. H. Pipkin 30
	9. API Well No. 30-045-28546
	10. Field and Pool, or Exploratory Area 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 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 well @ 6:30 p.m. on 5/24/91. Drld 8-3/4" hole to 138' KB. Circ and POOH. Ran 3 jts 7", 20#, 8R, J-55, ST&C csg and landed @ 133' KB. Cmt'd w/ 125 sxs (147.5 cu ft) Class "B" w/ 3% CaCl and 1/4#/sx Cello Seal. Had full returns. PD @ 11:45 p.m. on 5/24/91. WOC. NU BOPE. Press test csg and blind rams to 1500 psi. Drld 6-1/4" hole to 1860' KB. Circ and cond for logs. Ran DIFL/SDL/DSN/ and Coal logs. Ran 43 jts 4-1/2", J-55, 8R, R-3, ST&C csg. Landed @ 1858' KB. Cmt'd w/ 360 sxs (453.6 cu ft) 50/50 POZ w/ 10% salt, 2% gel. Tail w/ 35 sx (41.3 cu ft) Class "B" w/ 1.2% CF-18. Had full returns. Bump plug and float held. PD @ 4:30 p.m. on 5/27/91. Released rig @ 8:30 p.m. on 5/27/91. WOCT.

The completion operations history on the subject well is attached.

RECEIVED
SEP 12 1991

OIL CON. DIV.

RECEIVED
AUG 2 1991
FARMINGTON RESOURCE AREA

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

Signed Beverly Connor

Title Production Technician

Date 8/14/91

(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

41000

COMPLETION HISTORY

BHP PETROLEUM (AMERICAS), INC.

E. H. PIPKIN NO. 30

SECTION 12-T27N-R11W

SAN JUAN COUNTY, NEW MEXICO

05/25/91- MIRU. Spud well @ 6:30 p.m. on 5/24/91. Drill 8-3/4" hole to 138' KB w/ one survey. Circ and POOH. PU and ran 3 jts 7", 20#, 8R, J-55, ST&C csg and landed @ 133' KB. RU and cmt w/ 125 sx Class "B" w/ 3% CaCl and 1/4#/sk Cello seal. Obtained full returns. PD @ 11:45 p.m. on 5/24/91.

05/26/91- WOC. NU BOPE. Press test csg and blind rams to 1500 psi, pipe rams to 1000 psi and annular to 500 psi. Drill out cmt and drill 6-1/4" hole to 819' with one survey. TOH for bit.

05/27/91- Drill 6-1/4" hole to 1816' with two surveys and one bit trip. Circ and cond for logs. Short trip 10 stands and POOH. RU & ran DIFL/SDL/DSN/and Coal logs.

05/28/91- TD 1860'. PBTD 1830'. Finish logging well. RD. TIH & drill 44' to 1860'. Circ and cond for csg. LD DP. RU & ran 43 jts 4-1/2" 10.5#, J-55, 8R, R-3 ST&C csg. Landed @ 1858' KB. RU and cmt w/ 360 sx 50/50 POZ w/ 10% salt, 2% gel, and tail w/ 35 sx Class "B" w/ 1.2% CF-18. Obtained full returns w/ 10 bbls cmt circ to surface. Bump plug w/ 1500#, float held. PD @ 4:30 p.m. on 5/27/91. Jet pits, and released rig at 8:30 p.m. on 5/27/91. WOCT.

07/10/91- TD 1860'. PBTD 1830'. Perforations 1672'-1687'. MIRU. NU BOPE. Talley in hole with 2-3/8" tbg. Found PBTD @ 1830'. Circ hole clean with 2% KCL water and test csg. Test BOPE to 3000 psi. Held OK. RU electric line and ran GR/CCL. GIH. Perf the Basin Fruitland Coal from 1672' to 1687' with 3-1/8" Premium charged, 90° phased csg gun. Loaded 4 JSPF. POH. All shots fired, no pressure to surface. Fill frac tank with filtered water. Chemicals added.

07/11/91- Well shut in. Waiting on frac crew.

07/12/91- MIRU to frac stimulate the Fruitland Coal down 4-1/2" csg. Pump pad and started the 2 ppg stage, with 1000# 12/20 sand in the formation. Job screened out at 3000 psi. Bled down and TIH w/ pkr and tbg. Set pkr @ 1606' KB w/ tail pipe @ 1672' KB. RU and pump 250 gal 15% HCL. Did not see break. Gel and fill frac tank. Frac stimulate the Fruitland Coal down 4-1/2" csg w/ 30# X-link 700 foam. Pump foam pad w/ 7,140# 40/70, 1 ppg sand. Foam pad 2,440# 20/40 1 ppg sand, 4,050# 20/40 2 ppg sand, 15,600# 20/40 3 ppg sand, 11,600# 20/40 4 ppg sand, 2,700# 12/20 4 ppg sand, and 33,156# 12/20 sand. Ramped from 5 ppg to 7 ppg. Max press 2500 psi, min 1049 psi, avg 1700 psi. Avg rate 16 BPM. Max sand conc. 7 ppg. ISIP 1010 psi, 5 min 860 psi, 10 min 950 psi, 15 min 951 psi. 5 hour SICP 925 psi. Open well to frac tank on a 3/8" pos choke.

07/13/91- 11 hours, well dead. Rec 60 BL. PU expendable check and TIH. Tag sand @ 1650' KB. RU and clean out w/ N2 to PBTD. Pull up and land tbg w/ 52 jts 2-3/8", 4.7#, 8R, J-55, EUE @ 1716.54' KB. SN @ 1673.62' KB. ND BOP. NU well head and pump off check. Unload well w/ N2. Put on test through 3/8" pos choke.

1
7.1
2.4
4
15.6
11.6
2.7
33.1

07/15/91- Well logged off. FTP 0, FCP 40 psi. Recovered 0 BL.
07/16/91- Unload well to frac tank. FTP 10 psi. FCP 40 psi.
07/17/91- 24 hrs flow testing well through 3/8" pos choke. Rec 0 BW w/ a gas rate of 15 MCF/D. FTP 5 psi, FCP 18 psi.
07/18/91- 24 hrs flow testing well. Rec 0 BW w/ a gas rate of 23 MCF/D. FTP 7 psi, FCP 27 psi.
07/19/91- 24 hrs flow testing well. Rec 2 BW w/ a gas rate of 23 MCF/D. FTP 7 psi, FCP 28 psi.
07/20/91- 24 hrs flow testing well. Rec 1 BW w/ a gas rate of 23 MCF/D. FTP 7 psi, FCP 22 psi.
07/22/91- 24 hrs flow testing well. Rec 0 BW w/ a gas rate of 34 MCF/D. FTP 10 psi, FCP 28 psi.
07/23/91- 24 hrs flow testing well. Rec 0 BW w/ a gas rate of 34 MCF/D. FTP 10 psi, FCP 28 psi.
07/24/91- 24 hrs flow testing well. Rec 0 BW w/ a gas rate of 34 MCF/D. FTP 10 psi, FCP 28 psi.
07/25/91- 24 hrs flow testing well. Rec 1 BW w/ a gas rate of 95 MCF/D. FTP 28 psi, FCP 52 psi.
07/26/91- 24 hrs flow testing well. Rec 4 BW w/ a gas rate of 228 MCF/D. FTP 67 psi, FCP 95 psi.
07/27/19- 24 hrs flow testing well. Rec 1 BW w/ a gas rate of 220 MCF/D. FTP 65 psi, FCP 90 psi.
07/28/91- 24 hrs flow testing well. Rec 1 BW w/ a gas rate of 220 MCF/D. FTP 65 psi, FCP 90 psi.
07/29/91- 24 hrs flow testing well. Rec 1 BW w/ a gas rate of 210 MCF/D. FTP 62 psi, FCP 82 psi.
07/30/91- 24 hrs flow testing well. Rec 1 BW w/ a gas rate of 210 MCF/D. FTP 62 psi, FCP 82 psi.
07/31/91- 24 hrs flow testing well. Rec 0 BW w/ a gas rate of 210 MCF/D. FTP 62 psi, FCP 82 psi.
08/01/91- 24 hrs flow testing well. Rec 0 BW w/ a gas rate of 210 MCF/D. FTP 62 psi, FCP 92 psi.
08/02/91- 24 hrs flow testing well through a 3/8" pos choke. Rec 0 BW w/ a gas rate of 210 MCF/D. FTP 62 psi, FCP 92 psi. Took gas analysis samples. Shut well in. Waiting on pipeline connection.