

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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MAIL ROOM
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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☐

PLUG BACK ☒

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

BHP Petroleum (Americas) Inc.

3. ADDRESS OF OPERATOR

5847 San Felipe, Suite 3600, Houston, TX 77057

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface 1020' FSL & 790; FWL (SW SW)

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approx 7 miles south of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

790'

16. NO. OF ACRES IN LEASE

2560.96

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

155'

19. PROPOSED DEPTH

1910'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6001' GR

22. APPROX. DATE WORK WILL START*

Upon Approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 7/8"	7"	17#	90' ±	Cement to Surface
6 1/4"	4 1/2"	9.5 #	1,910' ±	Sufficient to protect OJO Alamo Formation

API No. 30-045-25144.

BHP Petroleum (Americas) Inc. is proposing to complete the Basal Fruitland Coal in the subject well. In conjunction with this work, the following operations will be performed:

1. Squeeze existing Pictured Cliffs perfs with 50 sx Class 'B' cement;
2. Perforate Basal Fruitland Coal from 1766' - 80' with 4 JSPF;
3. Breakdown perfs with 2% KCl water; and if necessary,
4. Frac down casing with either a nitrogen foam or cross-linked gel system containing 60,000 to 80,000 lbs of sand.

BOP equipment will consist of a 2000# annular preventer. No additional surface disturbance will be required to accomplish this operation as proposed.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Chuck Williams

TITLE Administrator, Field Service

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Held c-104 for Plat

Q

*See Instructions On Reverse Side

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.

