

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MAIL ROOM

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

950' FSL & 890' FEL

At proposed prod. zone

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

Approx. 7 miles south & 1-1/2 miles East Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED*

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

790'

16. NO. OF ACRES IN LEASE

2560.96

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160 (320)

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

2300'

19. PROPOSED DEPTH

6300'

20. ROTARY OR CABLE TOOLS

Rotary

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

GR 5736' KB 5750'

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
12 1/4"	8 5/8"	20#	700' ±	Cemented to Surface
7 7/8"	4 1/2"	10 5#	6300'±	500 sx

API No. 30-045-23782

BHP Petroleum (Americas) Inc. is proposing to plug back the subject well and attempt a completion in the Fruitland Coal. In conjunction with this operation, the following work will be performed:

1. Circulate hole with 9.2#/gal mud;
2. Set 10 sx plugs from 6103' to 5970' (Dakota top @ 6046'), 5200' to 5068' (Gallup top @ 5140'), and 3175' to 3043' (Cliffhouse top @ 3113');
3. Perforate lower Fruitland Coal from 1578' - 1590' with 4 JSPF;
4. Breakdown lower Fruitland Coal with water and frac, if necessary, with either a 70) N2 foam or crosslinked gel system with 75,000 lbs sand;
5. Set a RBP @ 1500'
6. Perforate upper Fruitland Coal from 1404' - 1420' with 4 JSPF;
7. Repeat Step 4 above on upper zone; NOTE: BOP equipment will consist of a 2000# annular preventer.
8. Pull RBP, rerun tubing and test well.

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. No additional surface disturbance will be required to accomplish this

24. operation as proposed.

SIGNED

Chuck Williams

TITLE Administrator, Field Services, January 5, 1990

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

RECEIVED
JAN 30 1990
OIL CON. DIV
DIST 3

APPROVED
JAN 3 6 1990
Frank S. Kella
AREA MANAGER
FARMINGTON RESOURCE AREA

See Instructions On Reverse Side