

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-045-28756

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. 2217

3. ADDRESS OF OPERATOR

P.O. Box 977 Farmington, New Mexico

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

At surface
2335' FNL and 1145' FEL

At proposed prod. zone

Same

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

7.7 miles southeast of Farmington, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drg. unit line, if any)

175'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WEL. DRILLING, COMPLETED,

OR APPLIED FOR, OF THIS LEASE, FT.

857'

21. REMARKS (Show whether DP, EE, GR, etc.)

5570' GR

This action is subject to technical and

procedural review pursuant to 43 CFR 3165.4

and appeal pursuant to 43 CFR 3165.4.

22.

PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO CONDITIONS ATTACHED

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7"	20# K-55	140'	50 sx (59 cu ft) Circ to surface
6 1/4"	4 1/2"	10.5# K-55	1700'	230 sx (286 cu ft) Circ to surface

Propose to spud in the San Jose formation. Will drill a 8 3/4" hole to a TD of 140'. Surface casing will be run and cemented with returns to surface. WOC 12 hours. Test to 2000 psi/30 minutes. Drill an 6 1/4 hole to a TD of 1700' using a fresh water mud. No abnormal pressures or poisonous gases are anticipated. Adequate weight material will be on location to control flows from the Farmington sands. Run logs at TD. Run and cement production casing with cement returns to surface. WOC 12 hours. Move out drilling rig and move in completion unit. Pressure test to 2500 psi/30 minutes prior to perforating. Run cased hole correlation logs. Perforate Fruitland Coal and stimulate using a fresh water based gel or foam system.

12' of new, on lease, access road BLM ROW is applied for with this APD. All existing access road BLM ROW has been applied for via Form 299

Surface ownership is BLM.

24.

SIGNED

David Lowry

TITLE Operations Superintendent

DATE 07/24/92

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED
AS AMENDED

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL IF ANY:

AUG 07 1992

NMOCD

See Instructions On Reverse Side

ARFA MANAGER

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED
BLM

92 JUL 27 PM 3:39

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

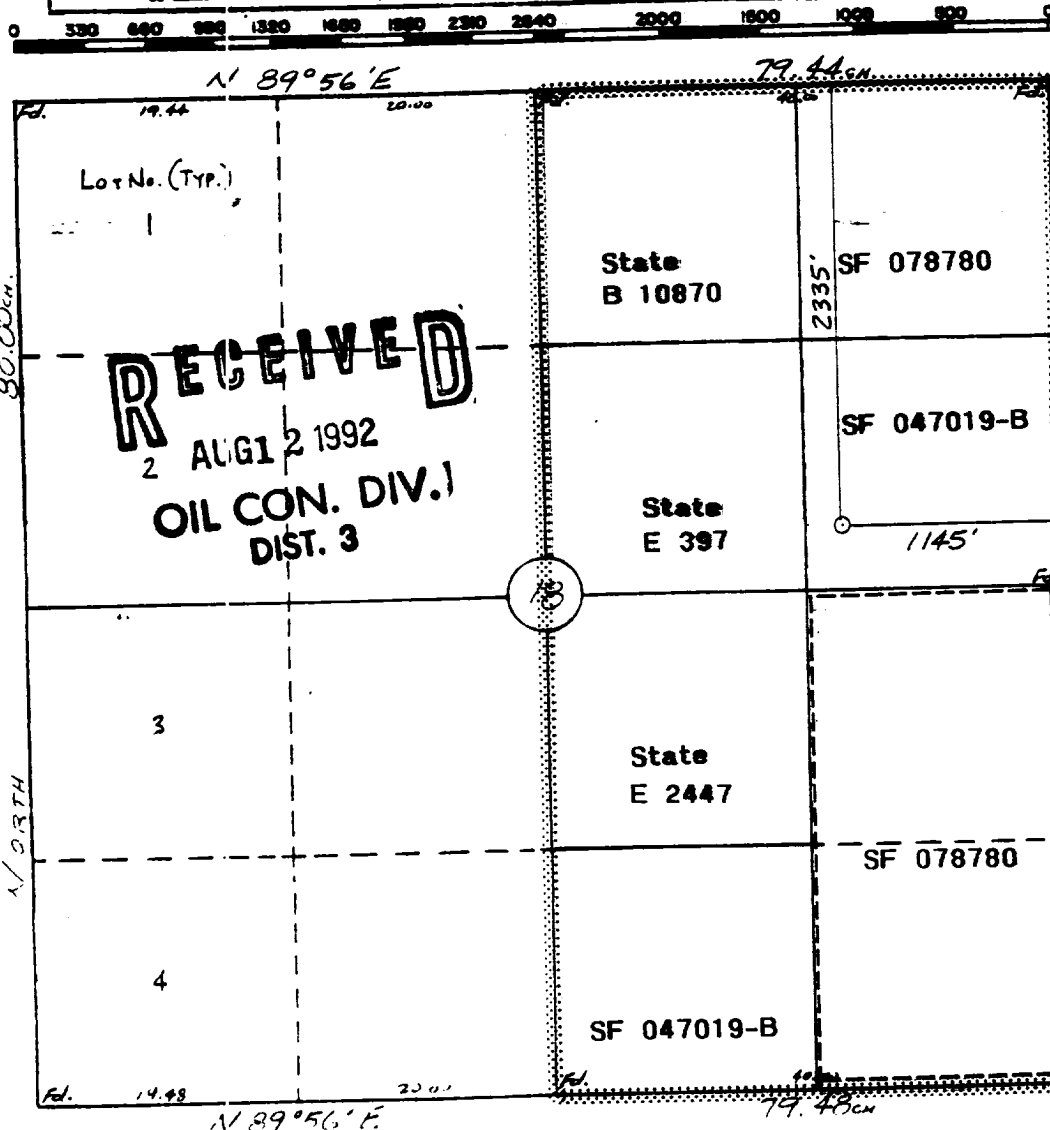
DISTRICT II
P.O. Drawer DD, Arma, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator BHP PETROLEUM (AMERICAS) INC.		Lease GALLEGOS CANYON UNIT		Well No. 415
Unit Letter H	Section 18	Township 28 N	Range 11 W	County San Juan
Actual Footage Location of Well: 2335 feet from the North line and 1145 feet from the East line				
Ground level Elev. 5570	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal	Dedicated Acreage: 320 Acres	
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? ☒ Yes ☐ No If answer is "yes" type of consolidation Unitization If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.				



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
Fred Lowery
Printed Name
Fred Lowery
Position
Operations Superintendent
Company
BHP Petroleum (Americas), Inc.
Date
07/24/92

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

6-12-92

Date Surveyed
William E. Blake II
Signature
WILLIAM E. BLAKE II
Professional Seal
NEW MEXICO
#8466
Certificate No. **8466**

Desert Hills
Ch

VICINITY MAP

RIVER

26

BHP Petroleum (Americas), Inc.
G.C.U. #415
2335' FNL and 1145' FEL
Sec. 18, T28N, R11W
San Juan Co., N.M.

30

Gas Well

35

Gas Well

36

Gas Well

31

DITCH

Gas Well

KUTZ

SIPHON

MAIN

SJ CR 5500

KUTZ

5416

R 12 W
R 11 W

R 11 W

12

Existing access

Proposed location

18

BM 5497

Gas Well

13

T
2
8
N

Gas Well

Horn

5845

5608

19

20

Canyon

PIPELINE

Oil Well

Oil Well

5800