

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(Other instructions on
reverse side)

Budget Bureau No. 1004-1136
Expires August 31, 1985

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
2470' FSL and 845' FWL
At proposed prod. hole
Same

5. LEASE DESIGNATION AND SERIAL NO.
SFO78905

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Gallegos Canyon Unit

8. FARM OR LEASE NAME
2038

9. WELL NO.
418

10. FIELD AND POOL, OR WILDCAT
Basin Fruitland Coal

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 13, T28N, R12W, NMPM

12. COUNTY OR PARISH
San Juan

13. STATE
NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
6.3 miles southeast of Farmington, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)
505'

16. NO. OF ACRES IN LEASE
1207.18

17. NO. OF ACRES ASSIGNED TO THIS WELL
W/320.0

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
814'

19. PROPOSED DEPTH
1525'

20. ROTARY OR CABLE TOOLS
Rotary

21. REMARKS (Show whether DF, RT, GR, etc.)
5607' GR

22. APPROX. DATE WORK WILL START
As soon as approved

RECEIVED
AUG 12 1992
OIL CON. DIV.
DIST. 3

23. PROPOSED CASING AND CEMENTING PROGRAM

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	1525'	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 1525' 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.

800' 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 Bob Lawing TITLE Operations Superintendent DATE 07/24/92

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

AUG 07 1992

NM000

*See Instructions On Reverse Side

AREA 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

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

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

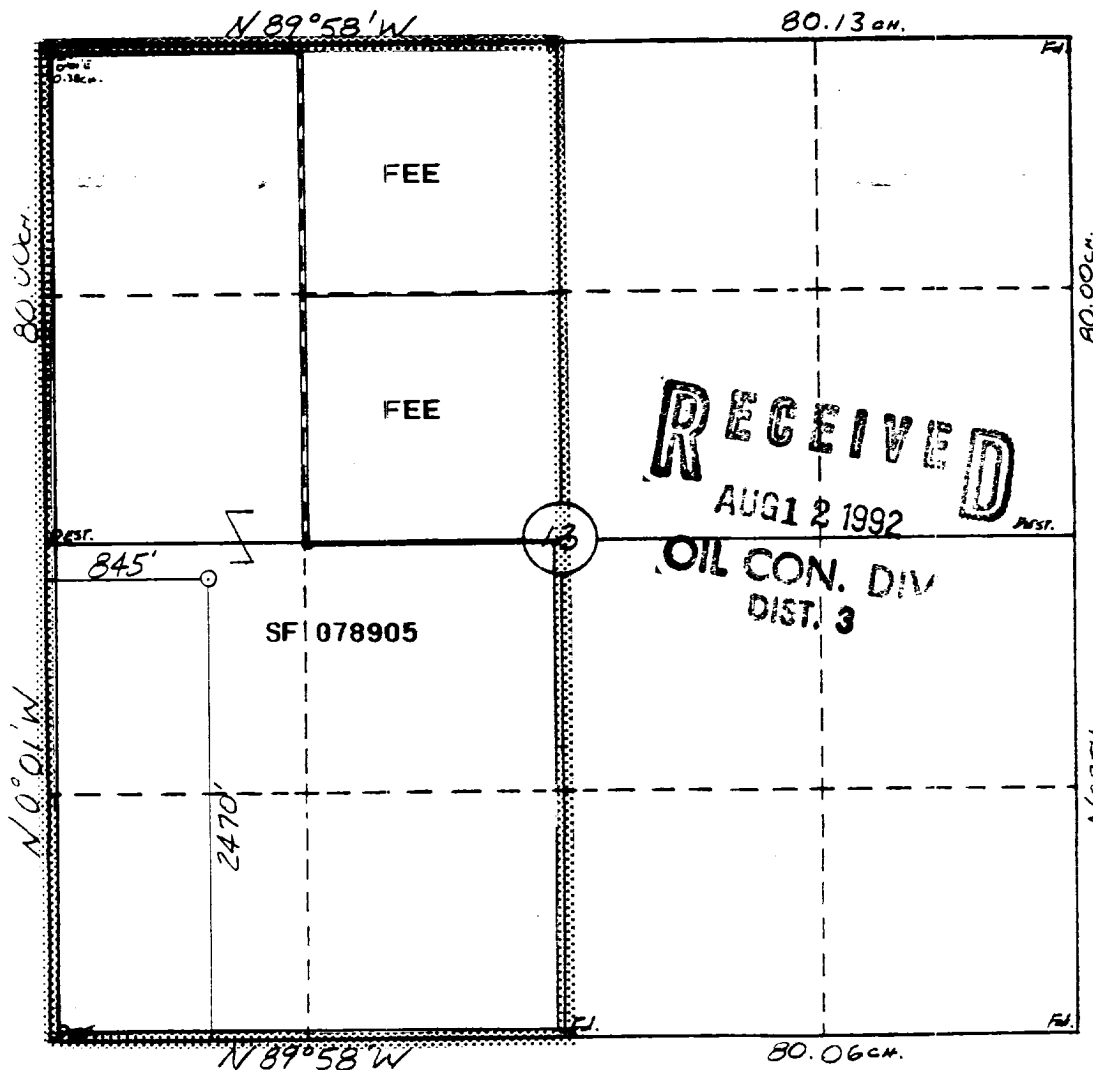
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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. 418
Unit Letter L	Section 13	Township 28 N	Range 12 W	County San Juan
Actual Footage Location of Well: 2470 feet from the South line and 845 feet from the West line				
Ground Level Elev. 5607	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 trust 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.				

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290



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.

5-28-92

Date Surveyed

William E. Mahnke II

Signature, in Seal of Professional Surveyor

William E. Mahnke II
#8466

Certificate No. 8466

PROFESSIONAL

VICINITY MAP

BHP Petroleum (Americas), Inc.
G.C.U. #418
2470' FSL and 845' FWL
Sec. 13, T28N, R12W
San Juan Co., N.M.

