

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

1560 Broadway, Suite 1900, Denver, CO 80202

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

At surface

NWNE, 902' FNL, 1642' FEL

At proposed prod. zone

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

Approximately 3 miles east of Farmington, NM

15. DISTANCE FROM PROPOSED*

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

902'

16. NO. OF ACRES IN LEASE

2,561.19

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

140'

19. PROPOSED DEPTH

1,787'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 316/18

20. ROTARY OR CABLE TOOLS

Rotary

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

5601' GR

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
PROPOSED CASING AND CEMENTING PROGRAM
GENERAL REQUIREMENTS.

22. APPROX. DATE WORK WILL START*

As soon as approved

23. PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
8-3/4"	7"	20#	120'	35 sx
6-1/4"	4 1/2"	9.5#	1787'	160 sx

See attached Sundry

RECEIVED
FEB 07 1990
OIL CON. DIV.
DIST. 3

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 Field Services Administrator DATE 10/30/89

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED
AS AMENDED

APPROVED BY

TITLE

FEB 02 1990

CONDITIONS OF APPROVAL, IF ANY:

OK
E

NMOCD

*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 5-2-88

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87508

RECEIVED

FEB 07 1990

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

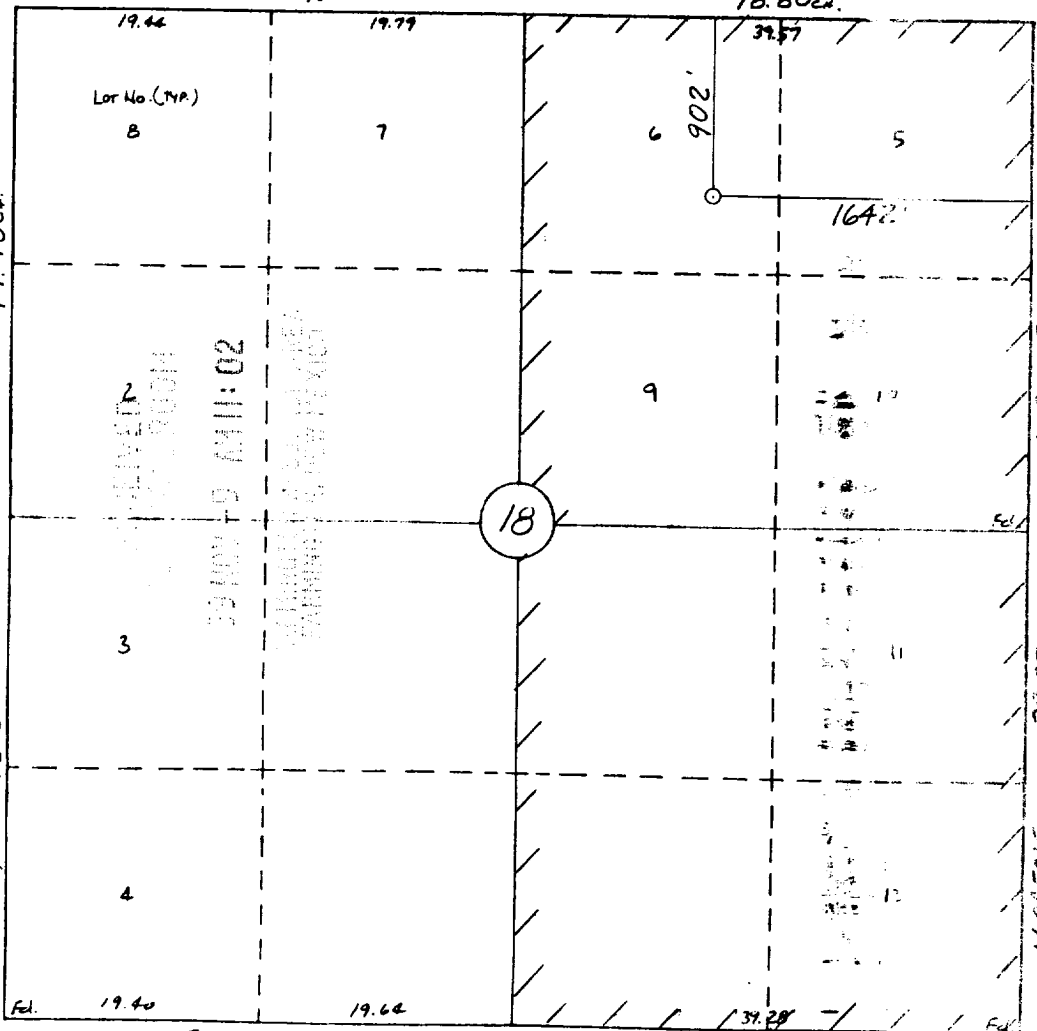
OIL CON. DIV.
DIST. 3

Operator BHP PETROLEUM (AMERICAS) INC.		Lease GALLEGO CANYON UNIT		Well No. 383
Unit Letter B	Section 18	Township 29 N	Range 12 W	County San Juan
Actual Footage Location of Well: 902 feet from the North line and 1642 feet from the East line				
Ground level Elev. 5601	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal	Dedicated Acreage: 366.18 Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to existing and future interests).</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interests consolidated (by communitization, unitization, force-pooling, etc.)?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation</p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)</p> <p>No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.</p>				

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

S 88°12'W

78.80 ch.



OPERATOR CERTIFICATION

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

Signature

Printed Name

Chuck Williams

Position

Field Services Administrator

Company

BHP Petroleum (Americas) Inc.

Date

10/21/89

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.

10-15-89

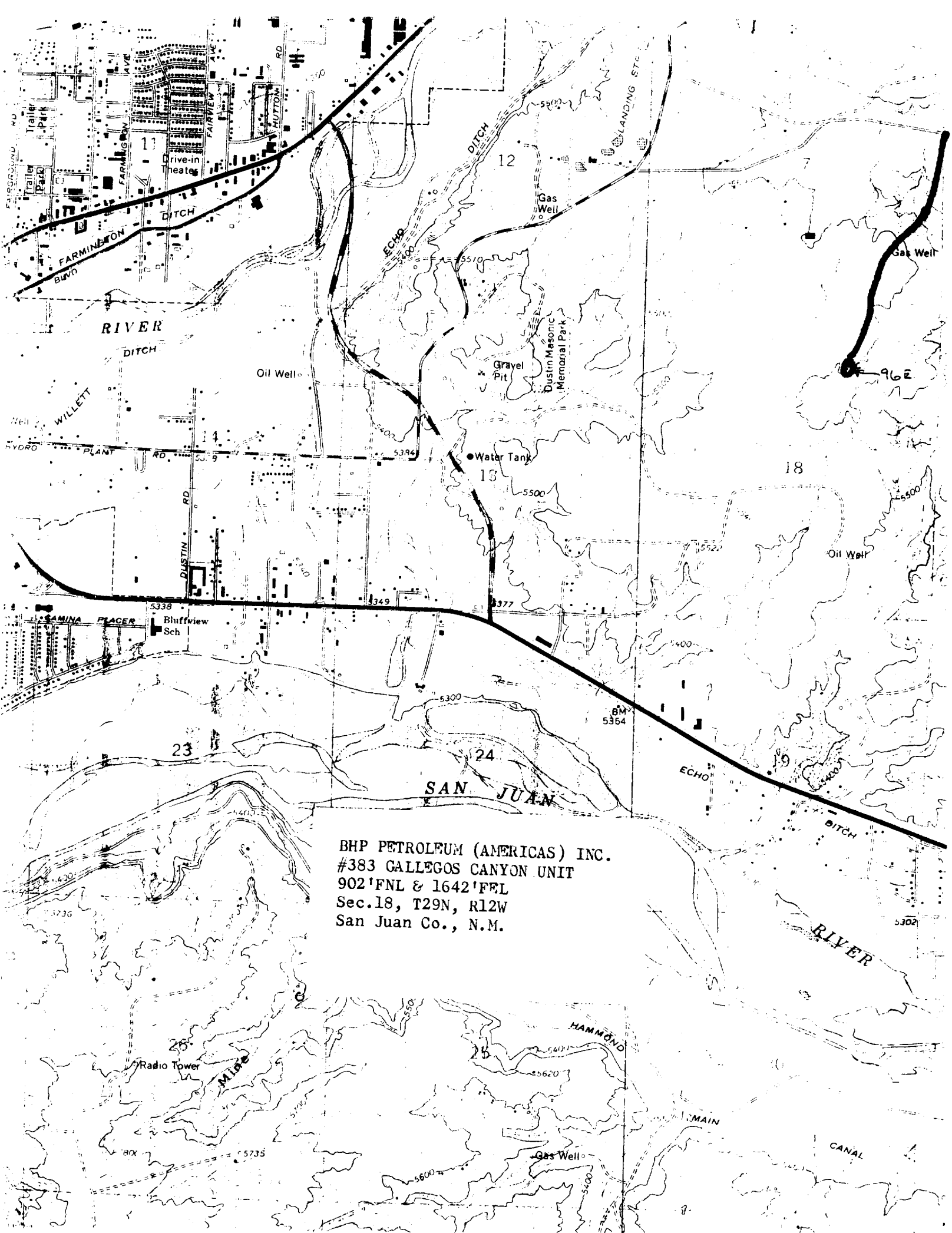
Date Surveyed

William F. Mahoke II

Signature & Seal of Professional Surveyor

Certificate No.

#8466



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-078370	
2. NAME OF OPERATOR BHP Petroleum (Americas) Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 5748 San Felipe, Suite 3600, Houston, TX 77057		7. UNIT AGREEMENT NAME Gallegos Canyon Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW NE		8. FARM OR LEASE NAME	
14. PERMIT NO.		9. WELL NO. 383	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5601' GR		10. FIELD AND POOL, OR WILDCAT Fruitland Coal	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 18 T29N R12W	
		12. COUNTY OR PARISH San Juan	
		13. STATE N.M.	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(Other) Change casing & cement programX

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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.)*

Please accept this as an amendment/supplement to APD dated 10/30/89 for the subject well.

To successfully complete the planned cores in the Fruitland Coal, we request the casing and cementing program be approved as stated below:

Size Hole	Size Casing	Weight Per Foot	Setting Depth	Quantity Cement
12 1/4"	8 5/8"	24#	120'	85 sx (100 cu. ft.)
7 7/8"	4 1/2"	9.5#	1787'	420 sx (530 cu. ft.)

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

SIGNED Paul C. Bertogler

TITLE Sr. Petroleum Engineer

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE NMOCD

DATE 12/12/89

APPROVED
AS AMENDED

DATE FEB 02 1990
Ken Townsend

AREA MANAGER

*See Instructions on Reverse Side