

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE of WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				5. LEASE DESIGNATION SF078370	
b. TYPE of WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				6. INDIAN, ALLOTTEE, TRIBE NAME	
2. NAME of OPERATOR BHP Petroleum (Americas), Inc. 2217 APE 30-045-29069				7. UNIT AGREEMENT NAME GALLEGOS CANYON UNIT	
3. ADDRESS of OPERATOR P.O. Box 977 Farmington, NM 87499				8. FARM OR LEASE NAME GALLEGOS CANYON UNIT 2038	
4. LOCATION of WELL 953' FNL & 1823' FEL				9. WELL NO. 537	
14. DISTANCE IN MILES and DIRECTION from NEAREST TOWN 1 miles east of Farmington, NM				10. FIELD and POOL or WILDCAT Pictured Cliffs 79680	
15. DISTANCE from PROPOSED LOCATION to NEAREST PROPERTY or LEASE LINE, Ft. 700'				11. SEC., T., R., M., or BLK Sec. 18, T29N, R12W, NMPM	
16. NO. of ACRES in LEASE 160 (e)		17. NO. of ACRES ASSIGNED to WELL 157.74		12. COUNTY or PARISH San Juan	
18. DISTANCE from PROPOSED LOCATION to NEAREST WELL, DRILLING COMPLETED, or APPLIED FOR, ON THIS LEASE, Ft. +/-125'		19. PROPOSED DEPTH 1719'		13. STATE NM	
21. ELEVATIONS (Show DF, RT, GR, etc.) 5598' GR				22. APPROX. DATE WORK WILL START As soon as approved	
23. PROPOSED CASING and CEMENTING PROGRAM				SUGGESTED QUANTITIES OF CEMENT ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"	
SIZE of HOLE	SIZE of CASING	WEIGHT per FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
8 3/4"	7"	20#K-55	130'	35 sx (41 cu ft) circ to surface	
6 1/4"	4 1/2"	10.5#K-55	1719'	215 sx (267 cu ft) circ to surface	

BHP Petroleum (Americas), Inc. proposes to spud in the Nacimiento Formation. Will drill an 8-3/4" hole to a TD of 130'. Run and cement surface casing with cement returns to surface. WOC 12 hours. Test casing to 2000 psi for 30 minutes. Drill a 6-1/4" hole to TD of 1719' using 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 hrs. Move out drilling rig and move in completion unit. Pressure test to 2500 psi for 30 minutes prior to perforating. Run cased hole correlation logs. Perforate Pictured Cliffs and stimulate using a fresh water based gel or foam system.

**RECEIVED**  
JAN 26 1994  
OIL CON. DIV  
DIST. 3

Surface ownership is Fee.

24. SIGNED: Jim Lowery TITLE: Operations Superintendent DATE: 11/29/93

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JAN 20 1994

CONDITIONS of APPROVAL, IF ANY:

*[Signature]*

NMAOCD

**APPROVED AS AMENDED**  
**DISTRICT MANAGER**

RECEIVED

APR 1961

VIO. MULL. 100  
3. 100/

APR 1961

100/

APR 1961

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

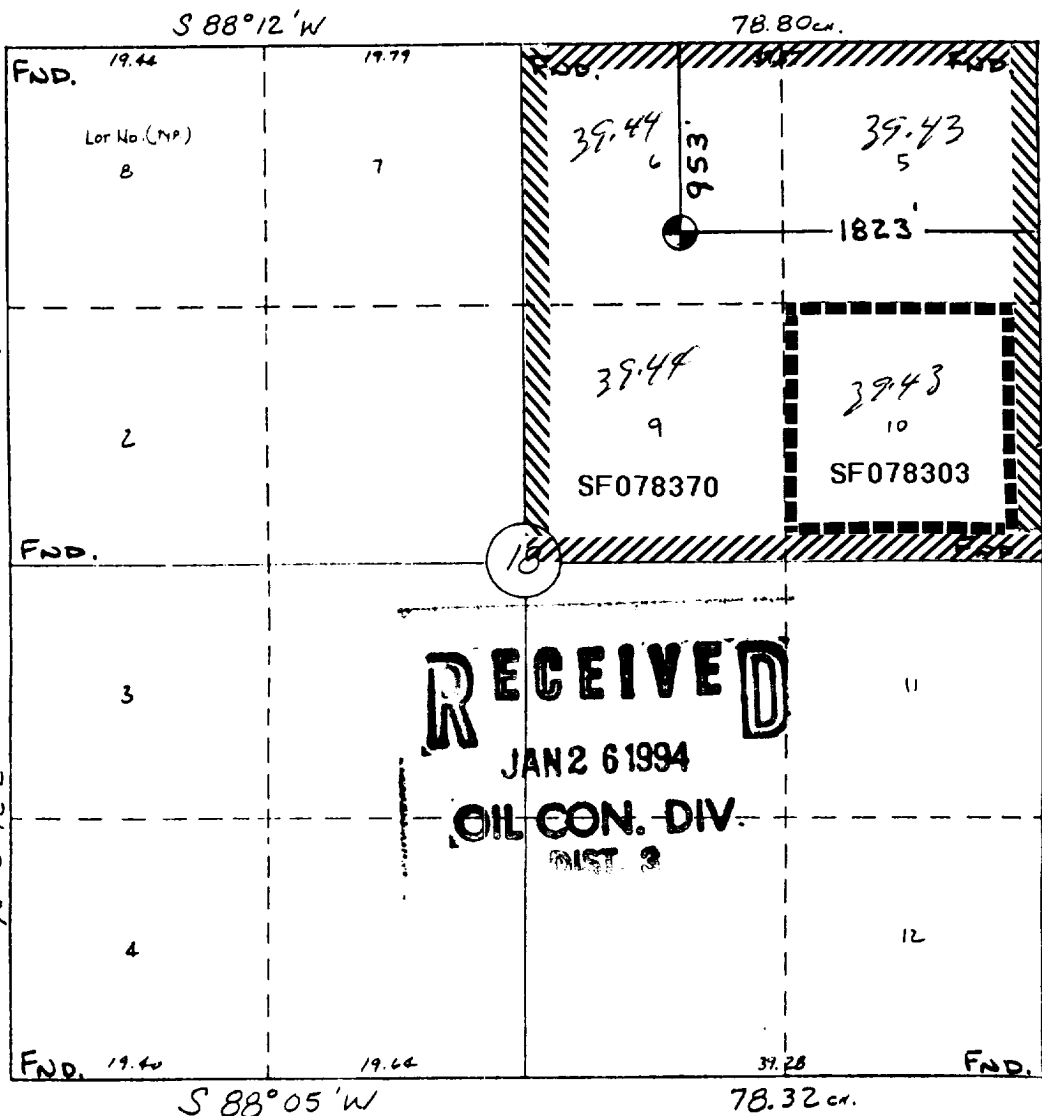
WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator BHP PETROLEUM (AMERICAS) INC.		Lease GALLEGOS CANYON UNIT		Well No. 537
Unit Letter B	Section 18	Township 29 N	Range 12 W	County San Juan
Actual Footage Location of Well: 953 feet from the North line and 1823 feet from the East line				
Ground level Elev. 5508	Producing Formation PICTURED CLIFF	Pool WEST KUTZ PICTURED CLIFF	Dedicated Acreage: 157.74 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

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



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

Position

Company

Date

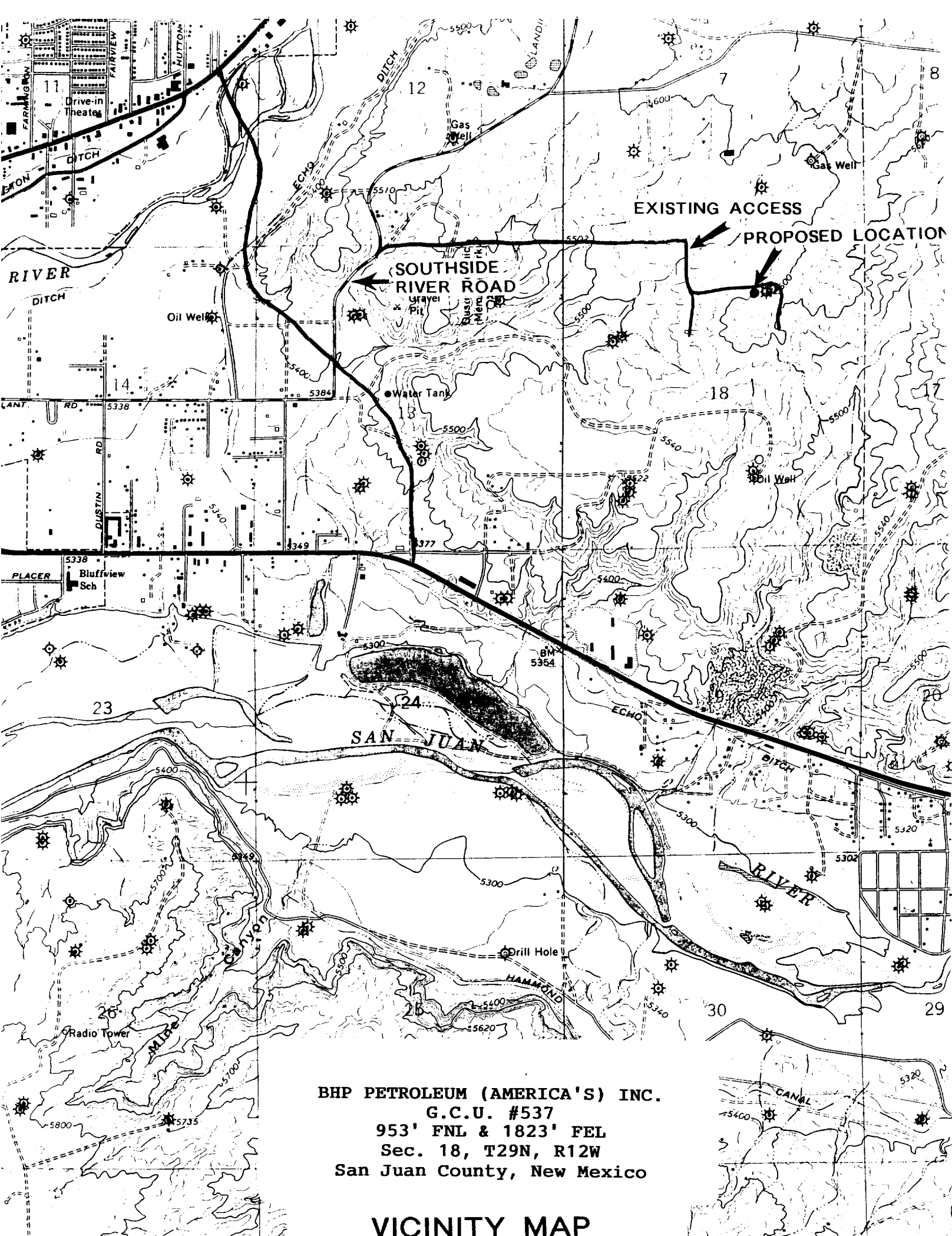
SURVEYOR CERTIFICATION

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.

Date Surveyed

Signature & Seal of Professional Surveyor

Certificate No.



Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

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

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

WELL API NO. 30-045-29069

5. Indicate Type of Lease  
STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

GALLEGOS CANYON UNIT

8. Well No. GCU #537

9. Pool name or Wildcat  
W RUTZ PICTURED CLIFFS

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"  
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:  
OIL WELL ☐ GAS WELL ☒ OTHER

2. Name of Operator  
BHP PETROLEUM (AMERICAS) INC.

3. Address of Operator  
P.O. BOX 977 FARMINGTON, NEW MEXICO

4. Well Location  
Unit Letter B : 953 Feet From The NORTH Line and 1823 Feet From The EAST Line  
Section 18 Township 29N Range 12W NMPM SAN JUAN County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
5598' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☒ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: \* ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

ON LEASE NO. SF 078370 THE DRILLING OPERATIONS COMMENCED ON 2-24-94.

RECEIVED

FEB 28 1994

OIL CON. DIV.  
DIST. 3

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

SIGNATURE FRED Lowery TITLE OPERATIONS SUPT. DATE 02-27-94

TYPE OR PRINT NAME FRED LOWERY (505) 327-1639 TELEPHONE NO.

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY ERNIE BUSCH

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE FEB 28 1994

CONDITIONS OF APPROVAL, IF ANY: