

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		RECEIVED SF047019B MAIL ROOM	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		2. AGREEMENT NAME Gallegos Canyon	
3. NAME OF OPERATOR BHP Petroleum (Americas) Inc. 2217		8. NAME OR LEASE NAME, WELL NO. Gallegos Canyon Unit No. 53	
3. ADDRESS AND TELEPHONE NO. P. O. Box 977, Farmington, New Mexico, 87499, 505 - 327 - 1639		9. AN WELL NO. 30-045-29318	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1190' FSL - 1450' FEL At proposed prod. zone same		10. FIELD AND POOL, OR WILDCAT West Kutz Pictured Cliffs	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 7.2 miles southwest of Bloomfield, New Mexico		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18, T28N, R11W, NMPM	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 130'	16. NO. OF ACRES IN LEASE 106.90	17. NO. OF ACRES ASSIGNED TO THIS WELL 160	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 500'	19. PROPOSED DEPTH 1640'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4. 5536' GR		22. APPROX. DATE WORK WILL START* As soon as approved	
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
8.750 "	7.000 " - K55	20	130'
6.250 "	4.500 " - K55	10.5	1640'
			QUANTITY OF CEMENT
			59 cu.ft.
			273.2 cu. ft.

BHP Petroleum (Americas) Inc. proposes to spud in the Nacimiento Formation. Will drill an 8 3/4 " hole to 130 feet. Run and cement surface casing with cement returns to surface. WOC 12 hours. Test casing and ROPE to 600 psig for 15 minutes. Drill a 6 1/4 " hole to 1640 feet using fresh water mud. No abnormal pressures or poisonous gases are anticipated. Adequate weight material will be on location to control any unforeseen 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 production casing to 2500 psig for 15 minutes prior to perforating. Run cased hole correlation logs. Perforate Pictured Cliffs and stimulate using a fresh water based gel or foam system.

Surface ownership is Federal (BLM).

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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

TITLE Operations Superintendent

DATE

11/3/95

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED
AS AMENDED

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

NMOC
TITLE

*See Instructions On Reverse Side

DEC 06 1995
DISTRICT MANAGER

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

RECEIVED
MAIL ROOM
55 NOV -6 PM 2:20

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29318	Pool Code 79680	Pool Name West Kutz Pictured Cliffs
Property Code 2038	Property Name GALLEGOS CANYON UNIT	Well Number 531
OGRID No. 2217	Operator Name BHP PETROLEUM (AMERICAS) INC.	Elevation 5536

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
0	18	28 N	11 W		1190	South	1450	East	San Juan

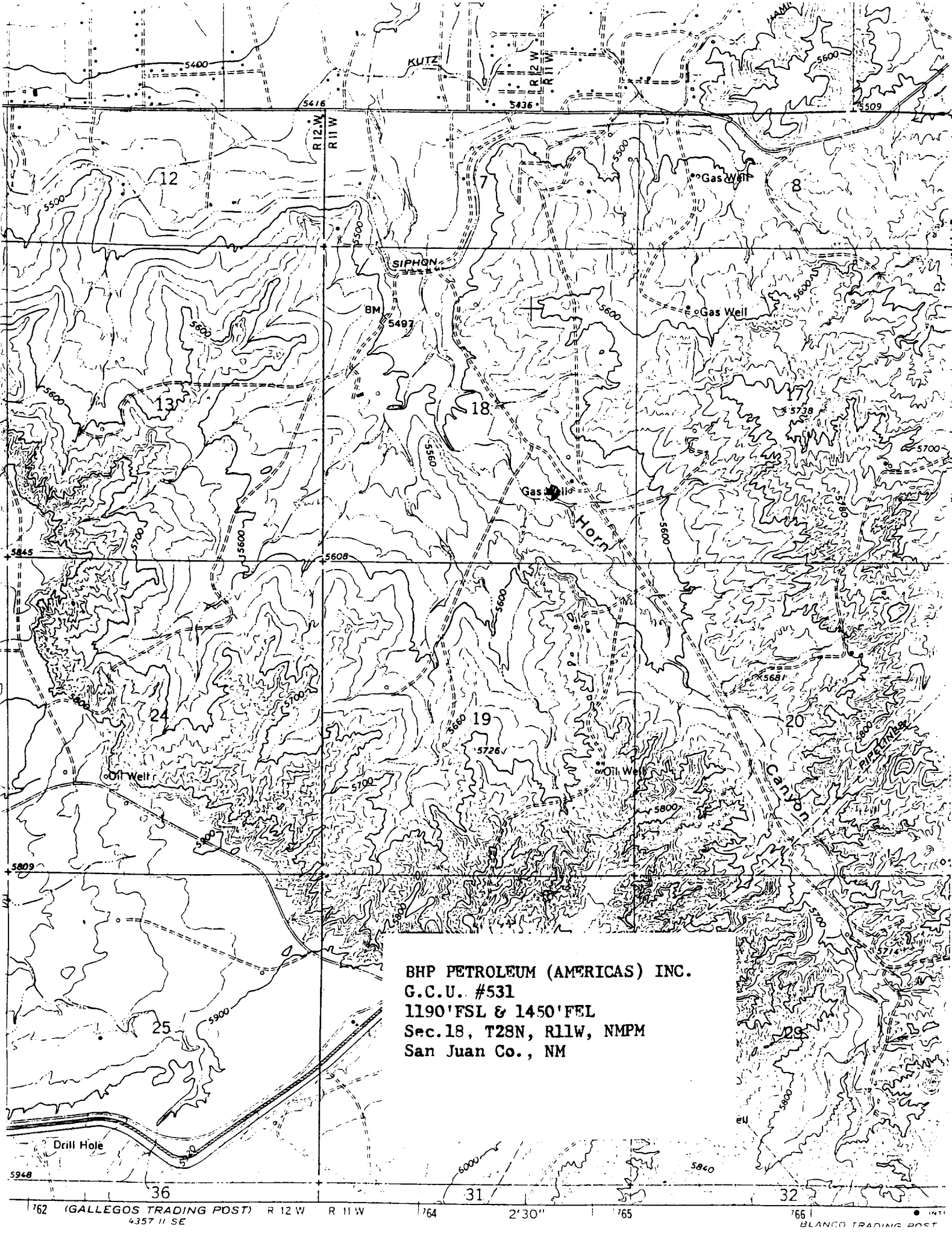
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 160	13 Joint or Infill	14 Consolidation Code U	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

46 N89°56'E Lot No. (TYP) 1 80.00'	BC 79.440N. BC 80.00'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature J. C. Harris Printed Name Operations Superintendent Title 11/3/95 Date
2 Sec. BC	18 E2447 SF047019B 1450' 1190'	18 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 belief. Date of Survey Signature and Seal of Professional Surveyor #8466 William W. Mahnke II Certificate Number 8466
4 N89°50'E BC		



BHP PETROLEUM (AMERICAS) INC.
G.C.U. #531
1190'FSL & 1450'FEL
Sec.18, T28N, R11W, NMPM
San Juan Co., NM