

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
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. 227

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

2035' FNL and 1695' FEL

At proposed prod. zone

Same

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

8.1 miles southeast of Farmington, New Mexico

15. DISTANCE FROM PROPOSED*

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

605'

16. NO. OF ACRES IN LEASE

635.84

17. NO. OF ACRES ASSIGNED
TO THIS WELL

E/320.0

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, OF THIS LEASE, FT.

1367'

19. PROPOSED DEPTH

1700'

20. ROTARY OR CABLE TOOLS

Rotary

21. REMARKS (Show whether DF, EC, GR, etc.)

5646' GR This action is subject to technical and

22. APPROX. DATE WORK WILL START*

As soon as approved

23. PROCEDURAL REVIEW PURSUANT TO 43 CFR 3105.2 AND CEMENTING PROGRAM
and appeal pursuant to 43 CFR 3105.4

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.

1000' 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

John L. Lewis

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 Leases - 4 copies
Fee Leases - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-182
Revised 1-1-89

OIL CONSERVATION DIVISION

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

RECEIVED
BLM

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. 416
Unit Lease G	Section 19	Township 28 N	Range 11 W	County San Juan	NMPM
Actual Footage Location of Well: 2035 feet from the North line and 1695 feet from the East line					
Ground level Elev. 5646	Producing Formation Fruitland Coal		Foot 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.					

0 350 600 850 1100 1350 1600 1850 2100 2350 2600 2850 3100 3350 3600 3850 4100 4350 4600 4850 5100 5350 5600 5850 6100 6350 6600 6850 7100 7350 7600 7850 8100 8350 8600 8850 9100 9350 9600 9850 10100 10350 10600 10850 11100 11350 11600 11850 12100 12350 12600 12850 13100 13350 13600 13850 14100 14350 14600 14850 15100 15350 15600 15850 16100 16350 16600 16850 17100 17350 17600 17850 18100 18350 18600 18850 19100 19350 19600 19850 20100 20350 20600 20850 21100 21350 21600 21850 22100 22350 22600 22850 23100 23350 23600 23850 24100 24350 24600 24850 25100 25350 25600 25850 26100 26350 26600 26850 27100 27350 27600 27850 28100 28350 28600 28850 29100 29350 29600 29850 30100 30350 30600 30850 31100 31350 31600 31850 32100 32350 32600 32850 33100 33350 33600 33850 34100 34350 34600 34850 35100 35350 35600 35850 36100 36350 36600 36850 37100 37350 37600 37850 38100 38350 38600 38850 39100 39350 39600 39850 40100 40350 40600 40850 41100 41350 41600 41850 42100 42350 42600 42850 43100 43350 43600 43850 44100 44350 44600 44850 45100 45350 45600 45850 46100 46350 46600 46850 47100 47350 47600 47850 48100 48350 48600 48850 49100 49350 49600 49850 50100 50350 50600 50850 51100 51350 51600 51850 52100 52350 52600 52850 53100 53350 53600 53850 54100 54350 54600 54850 55100 55350 55600 55850 56100 56350 56600 56850 57100 57350 57600 57850 58100 58350 58600 58850 59100 59350 59600 59850 60100 60350 60600 60850 61100 61350 61600 61850 62100 62350 62600 62850 63100 63350 63600 63850 64100 64350 64600 64850 65100 65350 65600 65850 66100 66350 66600 66850 67100 67350 67600 67850 68100 68350 68600 68850 69100 69350 69600 69850 70100 70350 70600 70850 71100 71350 71600 71850 72100 72350 72600 72850 73100 73350 73600 73850 74100 74350 74600 74850 75100 75350 75600 75850 76100 76350 76600 76850 77100 77350 77600 77850 78100 78350 78600 78850 79100 79350 79600 79850 80100 80350 80600 80850 81100 81350 81600 81850 82100 82350 82600 82850 83100 83350 83600 83850 84100 84350 84600 84850 85100 85350 85600 85850 86100 86350 86600 86850 87100 87350 87600 87850 88100 88350 88600 88850 89100 89350 89600 89850 90100 90350 90600 90850 91100 91350 91600 91850 92100 92350 92600 92850 93100 93350 93600 93850 94100 94350 94600 94850 95100 95350 95600 95850 96100 96350 96600 96850 97100 97350 97600 97850 98100 98350 98600 98850 99100 99350 99600 99850 100100 100350 100600 100850 101100 101350 101600 101850 102100 102350 102600 102850 103100 103350 103600 103850 104100 104350 104600 104850 105100 105350 105600 105850 106100 106350 106600 106850 107100 107350 107600 107850 108100 108350 108600 108850 109100 109350 109600 109850 110100 110350 110600 110850 111100 111350 111600 111850 112100 112350 112600 112850 113100 113350 113600 113850 114100 114350 114600 114850 115100 115350 115600 115850 116100 116350 116600 116850 117100 117350 117600 117850 118100 118350 118600 118850 119100 119350 119600 119850 120100 120350 120600 120850 121100 121350 121600 121850 122100 122350 122600 122850 123100 123350 123600 123850 124100 124350 124600 124850 125100 125350 125600 125850 126100 126350 126600 126850 127100 127350 127600 127850 128100 128350 128600 128850 129100 129350 129600 129850 130100 130350 130600 130850 131100 131350 131600 131850 132100 132350 132600 132850 133100 133350 133600 133850 134100 134350 134600 134850 135100 135350 135600 135850 136100 136350 136600 136850 137100 137350 137600 137850 138100 138350 138600 138850 139100 139350 139600 139850 140100 140350 140600 140850 141100 141350 141600 141850 142100 142350 142600 142850 143100 143350 143600 143850 144100 144350 144600 144850 145100 145350 145600 145850 146100 146350 146600 146850 147100 147350 147600 147850 148100 148350 148600 148850 149100 149350 149600 149850 150100 150350 150600 150850 151100 151350 151600 151850 152100 152350 152600 152850 153100 153350 153600 153850 154100 154350 154600 154850 155100 155350 155600 155850 156100 156350 156600 156850 157100 157350 157600 157850 158100 158350 158600 158850 159100 159350 159600 159850 160100 160350 160600 160850 161100 161350 161600 161850 162100 162350 162600 162850 163100 163350 163600 163850 164100 164350 164600 164850 165100 165350 165600 165850 166100 166350 166600 166850 167100 167350 167600 167850 168100 168350 168600 168850 169100 169350 169600 169850 170100 170350 170600 170850 171100 171350 171600 171850 172100 172350 172600 172850 173100 173350 173600 173850 174100 174350 174600 174850 175100 175350 175600 175850 176100 176350 176600 176850 177100 177350 177600 177850 178100 178350 178600 178850 179100 179350 179600 179850 180100 180350 180600 180850 181100 181350 181600 181850 182100 182350 182600 182850 183100 183350 183600 183850 184100 184350 184600 184850 185100 185350 185600 185850 186100 186350 186600 186850 187100 187350 187600 187850 188100 188350 188600 188850 189100 189350 189600 189850 190100 190350 190600 190850 191100 191350 191600 191850 192100 192350 192600 192850 193100 193350 193600 193850 194100 194350 194600 194850 195100 195350 195600 195850 196100 196350 196600 196850 197100 197350 197600 197850 198100 198350 198600 198850 199100 199350 199600 199850 200100 200350 200600 200850 201100 201350 201600 201850 202100 202350 202600 202850 203100 203350 203600 203850 204100 204350 204600 204850 205100 205350 205600 205850 206100 206350 206600 206850 207100 207350 207600 207850 208100 208350 208600 208850 209100 209350 209600 209850 210100 210350 210600 210850 211100 211350 211600 211850 212100 212350 212600 212850 213100 213350 213600 213850 214100 214350 214600 214850 215100 215350 215600 215850 216100 216350 216600 216850 217100 217350 217600 217850 218100 218350 218600 218850 219100 219350 219600 219850 220100 220350 220600 220850 221100 221350 221600 221850 222100 222350 222600 222850 223100 223350 223600 223850 224100 224350 224600 224850 225100 225350 225600 225850 226100 226350 226600 226850 227100 227350 227600 227850 228100 228350 228600 228850 229100 229350 229600 229850 230100 230350 230600 230850 231100 231350 231600 231850 232100 232350 232600 232850 233100 233350 233600 233850 234100 234350 234600 234850 235100 235350 235600 235850 236100 236350 236600 236850 237100 237350 237600 237850 238100 238350 238600 238850 239100 239350 239600 239850 240100 240350 240600 240850 241100 241350 241600 241850 242100 242350 242600 242850 243100 243350 243600 243850 244100 244350 244600 244850 245100 245350 245600 245850 246100 246350 246600 246850 247100 247350 247600 247850 248100 248350 248600 248850 249100 249350 249600 249850 250100 250350 250600 250850 251100 251350 251600 251850 252100 252350 252600 252850 253100 253350 253600 253850 254100 254350 254600 254850 255100 255350 255600 255850 256100 256350 256600 256850 257100 257350 257600 257850 258100 258350 258600 258850 259100 259350 259600 259850 260100 260350 260600 260850 261100 261350 261600 261850 262100 262350 262600 262850 263100 263350 263600 263850 264100 264350 264600 264850 265100 265350 265600 265850 266100 266350 266600 266850 267100 267350 267600 267850 268100 268350 268600 268850 269100 269350 269600 269850 270100 270350 270600 270850 271100 271350 271600 271850 272100 272350 272600 272850 273100 273350 273600 273850 274100 274350 274600 274850 275100 275350 275600 275850 276100 276350 276600 276850 277100 277350 277600 277850 278100 278350 278600 278850 279100 279350 279600 279850 280100 280350 280600 280850 281100 281350 281600 281850 282100 282350 282600 282850 283100 283350 283600 283850 284100 284350 284600 284850 285100 285350 285600 285850 286100 286350 286600 286850 287100 287350 287600 287850 288100 288350 288600 288850 289100 289350 289600 289850 290100 290350 290600 290850 291100 291350 291600 291850 292100 292350 292600 292850 293100 293350 293600 293850 294100 294350 294600 294850 295100 295350 295600 295850 296100 296350 296600 296850 297100 297350 297600 297850 298100 298350 298600 298850 299100 299350 299600 299850 300100 300350 300600 300850 301100 301350 301600 301850 302100 302350 302600 302850 303100 303350 303600 303850 304100 304350 304600 304850 305100 305350 305600 305850 306100 306350 306600 306850 307100 307350 307600 307850 308100 308350 308600 308850 309100 309350 309600 309850 310100 310350 310600 310850 311100 311350 311600 311850 312100 312350 312600 312850 313100 313350 313600 313850 314100 314350 314600 314850 315100 315350 315600 315850 316100 316350 316600 316850 317100 317350 317600 317850 318100 318350 318600 318850 319100 319350 319600 319850 320100 320350 320600 320850 321100 321350 321600 321850 322100 322350 322600 322850 323100 323350 323600 323850 324100 324350 324600 324850 325100 325350 325600 325850 326100 326350 326600 326850 327100 327350 327600 327850 328100 328350 328600 328850 329100 329350 329600 329850 330100 330350 330600 330850 331100 331350 331600 331850 332100 332350 332600 332850 333100 333350 333600 333850 334100 334350 334600 334850 335100 335350 335600 335850 336100 336350 336600 336850 337100 337350 337600 337850 338100 338350 338600 338850 339100 339350 339600 339850 340100 340350 340600 340850 341100 341350 341600 341850 342100 342350 342600 342850 343100 343350 343600 343850 344100 344350 344600 344850 345100 345350 345600 345850 346100 346350 346600 346850 347100 347350 347600 347850 348100 348350 348600 348850 349100 349350 349600 349850 350100 350350 350600 350850 351100 351350 351600 351850 352100 352350 352600 352850 353100 353350 353600 353850 354100 354350 354600 354850 355100 355350 355600 355850 356100 356350 356600 356850 357100 357350 357600 357850 358100 358350 358600 358850 359100 359350 359600 359850 360100 360350 360600 360850 361100 361350 361600 361850 362100 362350 362600 362850 363100 363350 363600 363850 364100 364350 364600 364850 365100 365350 365600 365850 366100 366350 366600 366850 367100 367350 367600 367850 368100 368350 368600 368850 369100 369350 369600 369850 370100 370350 370600 370850 371100 371350 371600 371850 372100 372350 372600 372850 373100 373350 373600 373850 374100 374350 374600 374850 375100 375350 375600 375850 376100 376350 376600 376850 377100 377350 377600 377850 378100 378350 378600 378850 379100 379350 379600 379850 380100 380350 380600 380850 381100 381350 381600 381850 382100 382350 382600 382850 383100 383350 383600 383850 384100 384350 384600 384850 385100 385350 385600 385850 386100 386350 386600 386850 387100 387350 387600 387850 388100 388350 388600 388850 389100 389350 389600 389850 390100 390350 390600 390850 391100 391350 391600 391850 392100 392350 392600 392850 393100 393350 393600 393850 394100 394350 394600 394850 395100 395350 395600 395850 396100 396350 396600 396850 397100 397350 397600 397850 398100 398350 398600 398850 399100 399350 399600 399850 400100 400350 400600 400850 401100 401350 401600 401850 402100 402350 402600 402850 403100 403350 403600 403850 404100 404350 404600 404850 405100 405350 405600 405850 406100 406350 406600 406850 407100 407350 407600 407850 408100 408350 408600 408850 409100 409350 409600 409850 410100 410350 410600 410850 411100 411350 411600 411850 412100 412350 412600 412850 413100 413350 413600 413850 414100 414350 414600 414850 415100 415350 415600 415850 416100 416350 416600 416850 417100 417350

BHP Petroleum (Americas), Inc.
G.C.U. #416
2035' FNL and 1695' FEL
Sec. 19, T28N, R11W
San Juan Co., N.M.

BHP Petroleum (Americas), Inc.
G.C.U. #416
2035' FNL and 1695' FEL
Sec. 19, T28N, R11W
San Juan Co., N.M.

