

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form 1004-0136
(Other Instructions on
Reverse Side)

Form 1004-0136
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.

3. ADDRESS OF OPERATOR

P.O. Box 977 Farmington, New Mexico

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

At surface

1843' FSL and 1439' FEL

At proposed prod. zone

Same

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

4 miles west of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

524'

18. DISTANCE FROM PROPOSED LOCATION

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLYING FOR, ON THIS LEASE, FT.

5720'

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

5569' GR

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	1750'	230 sx (286 cu ft) Circ to surface

Propose to spud in San Jose Formation. Will drill a 8 3/4" hole to a TD of 140'. Run and cement surface casing with cement returns to surface. WOC 12 hours. Test to 2000 psi/30 minutes. Drill a 6 1/4" hole to a TD of 1750' using fresh water mud. No 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 Pictured Cliff sands and stimulate using a fresh water based gel of foam system. Surface ownership is BLM. Access road ROW application is attached for approval.

RECEIVED

NOV 18 1991

OIL CON. D

DIST

DATE 10/24/91

SIGNED

R.C. Fildes

TITLE Agent

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

OPERATOR

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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. 520
Unit Letter J	Section 22	Township 29 N	Range 12 W	County San Juan	
Actual Footage Location of Well: 1843 feet from the South line and 1439 feet from the East line					
Ground level Elev. 5569	Producing Formation Pictured Cliffs		Pool W. Kutz Pictured Cliffs	Dedicated Acreage: 160 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 allowance 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, allocating such interest, has been approved by the Division.					

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900 10230 10560 10890 11220 11550 11880 12210 12540 12870 13200 13530 13860 14190 14520 14850 15180 15510 15840 16170 16500 16830 17160 17490 17820 18150 18480 18810 19140 19470 19800 20130 20460 20790 21120 21450 21780 22110 22440 22770 23100 23430 23760 24090 24420 24750 25080 25410 25740 26070 26400 26730 27060 27390 27720 28050 28380 28710 29040 29370 29700 30030 30360 30690 31020 31350 31680 32010 32340 32670 33000 33330 33660 33990 34320 34650 34980 35310 35640 35970 36300 36630 36960 37290 37620 37950 38280 38610 38940 39270 39600 39930 40260 40590 40920 41250 41580 41910 42240 42570 42900 43230 43560 43890 44220 44550 44880 45210 45540 45870 46200 46530 46860 47190 47520 47850 48180 48510 48840 49170 49500 49830 50160 50490 50820 51150 51480 51810 52140 52470 52800 53130 53460 53790 54120 54450 54780 55110 55440 55770 56100 56430 56760 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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other Instructions on
reverse)

Form approved
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

2. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐
SINGLE ZONE ☐ MULTIPLE ZONE ☐

3. NAME OF OPERATOR
BHP Petroleum (Americas), Inc.

4. ADDRESS OF OPERATOR
P.O. Box 977 Farmington, New Mexico

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At surface
1843' FSL and 1439' FEL
At proposed prod. zone
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4 miles west of Bloomfield, New Mexico

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(Also to nearest drig. unit line, if any)
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8. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
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5569' GR

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NOV 18 1991

OIL CON. DIV.

DIST. 3

SIGNED R.C. Fildes TITLE Agent DATE 10/24/91

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

NOV 12 1991

AREA MANAGER

OPERATOR

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

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

4 copies
3 copies

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

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

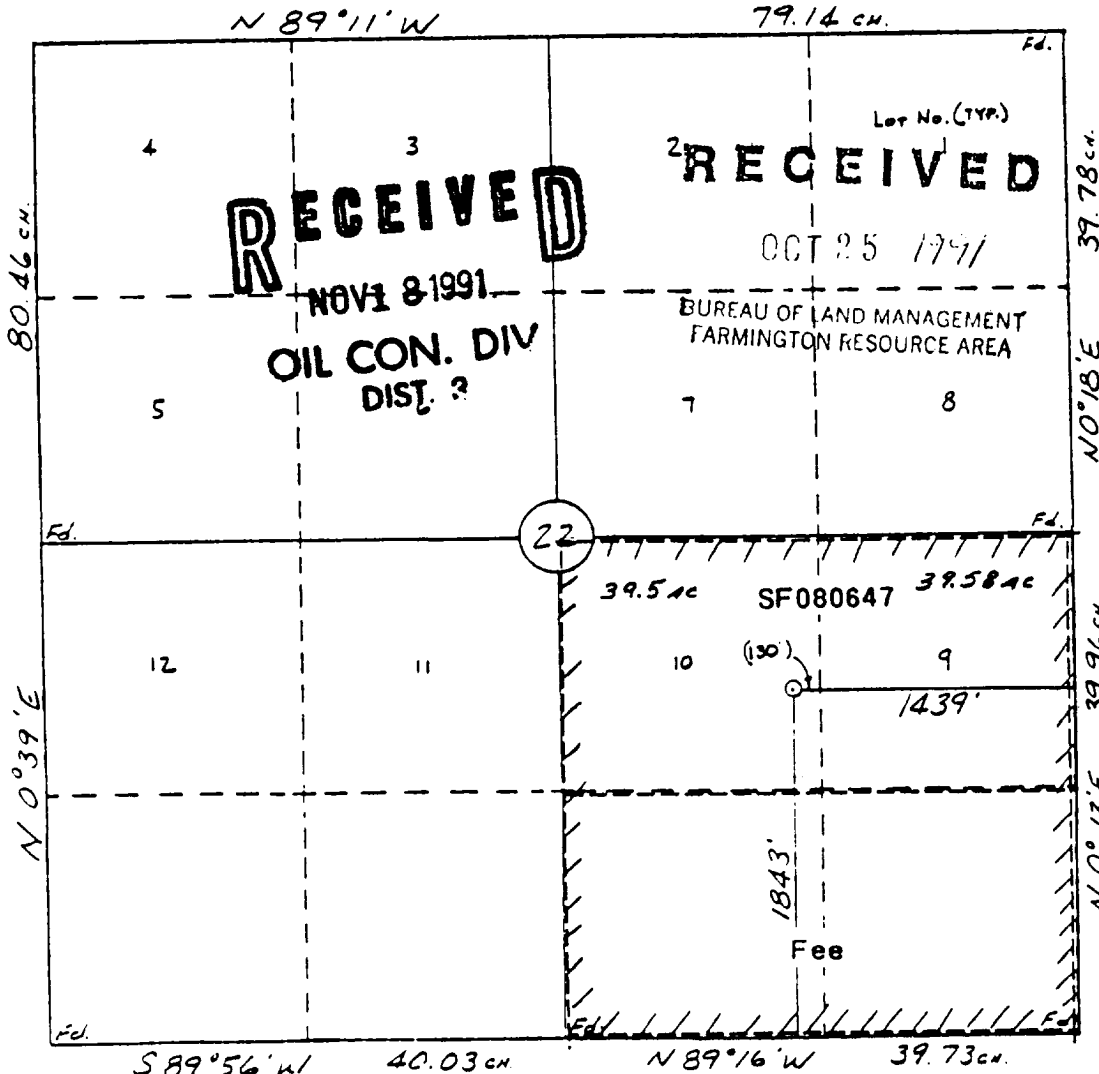
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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Ground level Elev. 5569	Producing Formation Pictured Cliffs	Pool W. Kutz Pictured Cliffs	Dedicated Acreage: 160 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 <u>unitization</u> 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, encompassing such interest, has been approved by the Division.				

0 130 260 390 520 650 780 910 1040 1170 1300 1430 1560 1690 1820 1950 2080 2210 2340 2470 2600 2730 2860 2990 3120 3250 3380 3510 3640 3770 3900 4030 4160 4290 4420 4550 4680 4810 4940 5070 5200 5330 5460 5590 5720 5850 5980 6110 6240 6370 6500 6630 6760 6890 7020 7150 7280 7410 7540 7670 7800 7930 8060 8190 8320 8450 8580 8710 8840 8970 9100 9230 9360 9490 9620 9750 9880 10010 10140 10270 10400 10530 10660 10790 10920 11050 11180 11310 11440 11570 11700 11830 11960 12090 12220 12350 12480 12610 12740 12870 13000 13130 13260 13390 13520 13650 13780 13910 14040 14170 14300 14430 14560 14690 14820 14950 15080 15210 15340 15470 15600 15730 15860 15990 16120 16250 16380 16510 16640 16770 16900 17030 17160 17290 17420 17550 17680 17810 17940 18070 18200 18330 18460 18590 18720 18850 18980 19110 19240 19370 19500 19630 19760 19890 20020 20150 20280 20410 20540 20670 20800 20930 21060 21190 21320 21450 21580 21710 21840 21970 22100 22230 22360 22490 22620 22750 22880 23010 23140 23270 23400 23530 23660 23790 23920 24050 24180 24310 24440 24570 24700 24830 24960 25090 25220 25350 25480 25610 25740 25870 26000 26130 26260 26390 26520 26650 26780 26910 27040 27170 27300 27430 27560 27690 27820 27950 28080 28210 28340 28470 28600 28730 28860 28990 29120 29250 29380 29510 29640 29770 29900 30030 30160 30290 30420 30550 30680 30810 30940 31070 31200 31330 31460 31590 31720 31850 31980 32110 32240 32370 32500 32630 32760 32890 33020 33150 33280 33410 33540 33670 33800 33930 34060 34190 34320 34450 34580 34710 34840 34970 35100 35230 35360 35490 35620 35750 35880 36010 36140 36270 36400 36530 36660 36790 36920 37050 37180 37310 37440 37570 37700 37830 37960 38090 38220 38350 38480 38610 38740 38870 39000 39130 39260 39390 39520 39650 39780 39910 40040 40170 40300 40430 40560 40690 40820 40950 41080 41210 41340 41470 41600 41730 41860 41990 42120 42250 42380 42510 42640 42770 42900 43030 43160 43290 43420 43550 43680 43810 43940 44070 44200 44330 44460 44590 44720 44850 44980 45110 45240 45370 45500 45630 45760 45890 46020 46150 46280 46410 46540 46670 46800 46930 47060 47190 47320 47450 47580 47710 47840 47970 48100 48230 48360 48490 48620 48750 48880 49010 49140 49270 49400 49530 49660 49790 49920 50050 50180 50310 50440 50570 50700 50830 50960 51090 51220 51350 51480 51610 51740 51870 52000 52130 52260 52390 52520 52650 52780 52910 53040 53170 53300 53430 53560 53690 53820 53950 54080 54210 54340 54470 54600 54730 54860 54990 55120 55250 55380 55510 55640 55770 55900 56030 56160 56290 56420 56550 56680 56810 56940 57070 57200 57330 57460 57590 57720 57850 57980 58110 58240 58370 58500 58630 58760 58890 59020 59150 59280 59410 59540 59670 59800 59930 60060 60190 60320 60450 60580 60710 60840 60970 61100 61230 61360 61490 61620 61750 61880 62010 62140 62270 62400 62530 62660 62790 62920 63050 63180 63310 63440 63570 63700 63830 63960 64090 64220 64350 64480 64610 64740 64870 65000 65130 65260 65390 65520 65650 65780 65910 66040 66170 66300 66430 66560 66690 66820 66950 67080 67210 67340 67470 67600 67730 67860 67990 68120 68250 68380 68510 68640 68770 68900 69030 69160 69290 69420 69550 69680 69810 69940 70070 70200 70330 70460 70590 70720 70850 70980 71110 71240 71370 71500 71630 71760 71890 72020 72150 72280 72410 72540 72670 72800 72930 73060 73190 73320 73450 73580 73710 73840 73970 74100 74230 74360 74490 74620 74750 74880 75010 75140 75270 75400 75530 75660 75790 75920 76050 76180 76310 76440 76570 76700 76830 76960 77090 77220 77350 77480 77610 77740 77870 78000 78130 78260 78390 78520 78650 78780 78910 79040 79170 79300 79430 79560 79690 79820 79950 80080 80210 80340 80470 80600 80730 80860 80990 81120 81250 81380 81510 81640 81770 81900 82030 82160 82290 82420 82550 82680 82810 82940 83070 83200 83330 83460 83590 83720 83850 83980 84110 84240 84370 84500 84630 84760 84890 85020 85150 85280 85410 85540 85670 85800 85930 86060 86190 86320 86450 86580 86710 86840 86970 87100 87230 87360 87490 87620 87750 87880 88010 88140 88270 88400 88530 88660 88790 88920 89050 89180 89310 89440 89570 89700 89830 89960 90090 90220 90350 90480 90610 90740 90870 91000 91130 91260 91390 91520 91650 91780 91910 92040 92170 92300 92430 92560 92690 92820 92950 93080 93210 93340 93470 93600 93730 93860 93990 94120 94250 94380 94510 94640 94770 94900 95030 95160 95290 95420 95550 95680 95810 95940 96070 96200 96330 96460 96590 96720 96850 96980 97110 97240 97370 97500 97630 97760 97890 98020 98150 98280 98410 98540 98670 98800 98930 99060 99190 99320 99450 99580 99710 99840 100000



OPERATOR CERTIFICATION

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

Signature Carl Kolbe
Printed Name Carl Kolbe
Position Regulatory Affairs Coordinator
Company BHP Petroleum (Americas),
Date 09/16/91

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 9-3-91
Surveyor William B. Mahnke II
Signature & Seal of Professional Surveyor

WILLIAM B. MAHNKE II
NEW MEXICO
#8466
REGISTERED PROFESSIONAL LAND SURVEYOR
Certificate No. 8466

COPY

