Submit to Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-101

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|-----------------------|---------------------------|
| ce Lease - 5 copies | OIL CONSERVATION DIVISION |
| DISTRICT I | P.O. Roy 2088 |

Revised 1-1-89

| DISTRICT P.O. Box 2088 Santa Fe, New Mexico 87504-2088 S. Indicate Type of Lease STATE FEE S. Indicate Type of Lease State Oil & Gas Lease No. APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK SINCLE SONE | Lee Derse - 2 cohes | OILC | CONSERVATIO | N DIVISION | API NO. (ass | igned by OCD | on New Well | ls) |
|--|---|-----------------|---------------------|----------------|---|---------------------|---------------|--|
| DISTRICTII FEE STATE F | DISTRICT! P.O. Box 2088 | | | | 30-639-24735 | | | |
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK DRILL RE-ENTER DEEPEN PLUG BACK North Officer Deepen Sunce Sunce Deepen D | DISTRICT II P.O. Drawer DD. Artesia, N | | anta Fe, New Mexico | | 5. Indicate T | ype of Lease STA | ATE 🗌 | FEE 🔀 |
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK | היכדפורד !!! | | | | 6. State Oil | & Gas Lease N | ło. | |
| Type of Work: | 1000 Rio Brazos Rd., Aziec, | , NM 8/410 | | D DI LIC BACK | 111111111111111111111111111111111111111 | | | |
| DRILL \(\text{Name of Operator} \) Name of Operator Phillips Petroleum Company Address of Operator 300 W. Arrington, Suite 200, Farmington, N.M. 87401 Well Location Unit Letter \(M \): 796 Feet From The South Line and 914 Feet From The West Line Section 7 Township 29N Range 6W NMPM Rio Arriba County 10. Proposed Depth 11. Formation Rotary 13. Elevations (Show whether DF, RT, GR, etc.) 14. Kind & Status Plug Bond 15. Drilling Contractor 16. Approx. Date Work will start 17. Depth 18. Depth 18. Drilling Contractor 16. Approx. Date Work will start 18. Approx. Date Work will start 18. Depth 18. Drilling Contractor 18. Approx. Date Work will start 18. Drilling Contractor 18. Approx. Date Work will start 18. Drilling Contractor 18. Approx. Date Work will start 18. Drilling Contractor 18. Approx. Date Work will start 18. Drilling Contractor 18. Approx. Date Work will start 18. Drilling Contractor 18. Approx. Date Work will start 18. Drilling Contractor 18. Approx. Date Work will start 18. Drilling Contractor 18. Approx. Date Work will start 18. Drilling Contractor 18. Approx. Date Work will start 18. Drilling Contractor 18. Approx. Date Work will start 18. Drilling Contractor 18. Approx. Date Work will start 18. Approx. Date Work will start 18. Drilling Contractor 18. Drilling Contractor 18. Drilling Contractor 18. Approx. Date Work will start 18. Drilling Contractor 18. Approx. Date Work will start 18. Drilling Contractor 18. Drilling Contractor | | ON FOR PERMIT T | O DRILL, DEEPEN, U | H PLUG BACK | 7////// | me or linit Ac | reemeni Name | · |
| b. Type of Well: ORD SAN WELL OTHER SINGLE ZONE SINGLE ZONE SINGLE ZONE SAN JUAN 29-6 Unit 8. Well No. 203 9. Pool name of Wildcat Basin Fruitland Coal Gas 4. Well Location Unit Letter M : 796 Feet From The South Line and 914 Feet From The West Line Section 7 Township 29N Range 6W NMPM Rio Arriba County Section 7 Township 29N Range 6W NMPM Rio Arriba County 10. Proposed Depth 11. Formation Rotary 13. Elevations (Show whether DF, RT, GR, etc.) 6384' (GL Unprepared) 14. Kind & Status Plug. Bond Blanket 15. Drilling Contractor Advise Later Upon Approval 17. PROPOSED CASING AND CEMENT PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 12-1/4" 9-5/8" 36#, K-55 250' 200 Sxs Circ to Surface 8-3/4" 7" 23#, K-55 3065' 600 Sxs Circ to Surface | * * | ₹ RE-ENTER | DEEPEN | PLUG BACK | 7. LEASE INA | ine or our rig | ,001,000 | |
| ONE WELL WELL OTHER 20NE Z ZONE Z ZONE Z San Juan 29-6 Unit 8. Well No. 203 9. Pool name or Wildcat Basin Fruitland Coal Gas- 4. Well Location Unit Letter M : 796 Feet From The South Line and 914 Feet From The West Line Section 7 Township 29N Range 6W NMPM Rio Arriba County 10. Proposed Depth 3259' 11. Formation Rotary 13. Elevations (Show whether DF, RT, GR, etc.) 6384' (GL Unprepared) 14. Kind & Status Plug. Bond Blanket 15. Drilling Costractor Advise Later Upon Approval 17. PROPOSED CASING AND CEMENT PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 12-1/4" 9-5/8" 36#, K-55 250' 200 Sxs Circ to Surface 8-3/4" 7" 23#, K-55 3065' 600 Sxs Circ to Surface 10. Surf | b. Type of Well: | | — | MULTIPLE | _ | | | |
| 203 Phillips Petroleum Company 203 Pool name or Wildcat Basin Fruitland Coal Gas | GAS | отнеж | ZONE | Z ZONE | San Jua | n 29-6 T | Jnit | |
| Phillips Petroleum Company 3. Address of Operator 300 W. Arrington, Suite 200, Farmington, N.M. 87401 4. Well Location Unit Letter M: 796 Feet From The South Unit Letter Vinit Letter Vi | 2 Name of Operator | | | | 8. Well No. | | | |
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| 300 W. Arrington, Suite 200, Farmington, N.M. 87401 Basin Fruitland Coal Gas 4. Well Location Unit Letter M: 796 Feet From The South Line and 914 Feet From The West Line Section 7 Township 29N Range 6W NMPM Rio Arriba County 10. Proposed Depth 3259' Fruitland Rotary 11. Formation Fruitland Rotary 12. Rotary or C.T. Rotary 13. Elevations (Show whether DF, RT, GR, etc.) 6384' (GL Unprepared) Blanket Status Plug. Bond Blanket Advise Later Upon Approval 17. PROPOSED CASING AND CEMENT PROGRAM WIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 12-1/4" 9-5/8" 36#, K-55 250' 200 Sxs Circ to Surface 8-3/4" 7" 23#, K-55 3065' 600 Sxs Circ to Surface 9-3/4" 7" 23#, K-55 3065' 600 Sxs Circ to Surface | | 1 | | | i i | | | |
| 12. Rotary or C.T. 13. Elevations (Show whether DF, RT, GR, etc.) 14. Kind & Status Plug. Bond 15. Drilling Contractor 16. Approx. Date Work will start 17. 18. Elevations (Show whether DF, RT, GR, etc.) 14. Kind & Status Plug. Bond 15. Drilling Contractor 16. Approx. Date Work will start 16. Approx. Date Work will start 17. 18. Elevations (Show whether DF, RT, GR, etc.) 18. Kind & Status Plug. Bond 19. Drilling Contractor 19 | 300 W. Arring | gton, Suite 200 | , Farmington, N. | M. 87401 | Basin F | <u>ruitlanc</u> | l Coal 6 | as . |
| 10. Proposed Depth 11. Formation 12. Rotary or C.T. 3259' Fruitland Rotary | 4. Well Location | | | | 14 Fea | From The | West | Line |
| 13. Elevations (Show whether DF, RT, GR, etc.) 14. Kind & Status Plug. Bond 6384' (GL Unprepared) 15. Drilling Contractor Advise Later 16. Approx. Date Work will start Upon. Approval 17. PROPOSED CASING AND CEMENT PROGRAM SIZE OF HOLE 17. SIZE OF CASING 18. WEIGHT PER FOOT 18. SIZE OF CASING 19. SIZE OF CASING 19. SIZE OF CASING 19. SIZE OF CASING 10. Proposed Depth SACKS OF CEMENT 11. Sermation 12. Rotary or C.T. Rotary 14. Kind & Status Plug. Bond Blanket SIZE OF HOLE 12. SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 12-1/4" 9-5/8" 36#, K-55 250' 200 Sxs Circ to Surface 8-3/4" 7" 23#, K-55 3065' 600 Sxs Circ to Surface | Section 7 | Towns | hip 29N Rar | n ge 6W | NMPM Ri | o Arriba | a //////// | County |
| 13. Elevations (Show whether DF, RT, GR, etc.) 14. Kind & Status Plug. Bond 15. Drilling Contractor 16. Approx. Date Work will start Upon Approval 17. PROPOSED CASING AND CEMENT PROGRAM W 3.20 | | | | | | | 12 Rotary or | ////////////////////////////////////// |
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| 17. PROPOSED CASING AND CEMENT PROGRAM | 13. Elevations (Show whether | | | | | | | |
| SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 12-1/4" 9-5/8" 36#, K-55 250' 200 Sxs Circ to Surface 8-3/4" 7" 23#, K-55 3065' 600 Sxs Circ to Surface | | | | ID CENENT DOO | CRAM | 4//3 | 220 | |
| SIZE OF HOLE SIZE OF CASING WEIGHT FEATON SETTING SETTING OF SETTING SETTING 12-1/4" 9-5/8" 36#, K-55 250' 200 Sxs Circ to Surface 8-3/4" 7" 23#, K-55 3065' 600 Sxs Circ to Surface | | | | | SACKS OF | | | TOP |
| 12-1/4" 9-5/8 50%, K-55 3065' 600 Sxs Circ to Surface | | | | | | | | |
| 8-3/4" / 25", 1000" 10051 100501 | | | | | | | | |
| 6-1/8" $5-1/2$ " 13.3# 01 23# 12503 - 3252 | 8-3/4" | | | | 1 000 0. | | * | |
| | 6-1/8" | 5-1/2" | 113.3# UL 23# | 14300 - 3403 | | | | |

*If the coal is cleated a 5-1/2", 23#, P-110 liner will be run in the open hole without being cemented.

*If the coal is not cleated a 5-1/2", 15.5#, K-55 liner will be run, cemented with 100 sxs cement and the well fractured.

> APPROVAL EXPIRES 10 30 -90 UNLESS DRILLING IS COMMENCED. SPUD NOTICE MUST BE SUBMITTED WITHIN 10 DAYS

APR 3 0 1990

Use mud additives as required for control. BOP Equipment: See attached schematic (Fig. 7-9 or 7-10) OIL CON. DIV DIST. 3

| hereby certify that the information above is true and complete to the best | of my knowledge and belief. | |
|--|-----------------------------|---------------------------------|
| San dander | Supv. Regulatory Affairs | _ DATE April 30, 199 |
| IIGNATURE (| | (505) TELEPHONE NO. 599-3431 |

(This space for State Use)

TITLE PUTY OIL & GAS INSPECTOR, DIST. #3

CONDITIONS OF AFFROVAL, IF ANY:

APPROVAL EXPIRES_ UNLESS DRILLING IS COMMENCED. SPUD NOTICE MUST BE SUBMITTED WITHIN 10 DAYS.

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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

WELL LOCATION AND ACREAGE DEDICATION PLAT

| DISTRICT III | WELL LOCATION A | ND ACREAGE DEDICA e from the outer boundaries of | the section | |
|-----------------------------------|--|---|-----------------------------------|---|
| 1000 Rio Brazos Rd., Aziec, NA | All Distances must be | | | Well No. 203 |
| Operator DHII I I F | S PETROLEUM | SAN JUAN | 29-6 UNIT | 1 |
| Unit Letter Section _ | 7 Township N. | Range R.6 W. | NMPM RIO A | RRIBA COUNTY |
| M / Actual Footage Location of We | .11. | 914 | feet from the WES | T line |
| 796 feet from | the line and | | feet from the | Dedicated Acreage: |
| Fround level Elev. | Producing Formation | Pool Basin Fruitla | nd Coal — | 320 Acres |
| 6384 | Fruitland ge dedicated to the subject well by colored p | encil or hachure marks on the pla | it pelow. | |
| 1. Outline the acreas | ge dedicated to the subject well by colored p | and the second in the second | that as to working interest and | i royalty). |
| 2. If more than one | lease is dedicated to the well, outline each as | od identity the ownership thereof | turn annualidated by cor | nmunitization. |
| 3. If more than one | lease of different ownership is dedicated to t | he well, have the interest of all o | where been consolicated by so. | (1) |
| TOTAL TOTAL | nonling, etc.: | سللل ممنيماني م | L12CG | |
| Yes If answer is "no" lis | - descriptions which has | ve actually been compositioned. | Jse reverse side of | |
| this form if neccess | ary. | been consolidated (by communi | ization, unitization, forced-pool | ing, or otherwise) |
| No allowable will b | e assigned to the well until all interests have ard unit, eliminating such interest, has been a | approved by the Division. | | man GERTHICATION |
| , | 1-1-1- | | | TOR CERTIFICATION by certify that the information |
| SF-08662 | SF-080379 | | contained he | rein in true and complete to the |
| Tract 13 | Tract lla | | best of my knu | rwledge and belief. |
| 40 Acres | 160 Acres | | Signature | |
| | ! 1 | | 1 | Dander |
| 1 | } | 1 | Printed Name | |
| | 4 | | | Sanders |
| 4 | t7 | | Position | Regulatory Affairs |
| / Fee | i k | | Supv. Company | Regulatory Arrairs |
| Tract 22a | | DEFEIVE | | ps Petroleum Co. |
| 80 Acres | ! / I | M | Daie | |
| * | ! | APR 3 10 1990 | | 30, 1990 |
| | A SEC 17 | | SURV | EYOR CERTIFICATION |
| 17 | 1 SEC. 7 | -OIL CON: DI | \ | te du de mall location show |
| | | DIST. 2 | on this pla | rtify that the well location show I was plotted from field notes o |
| NM-03471 | 1 | ļ | l actual sur | ieus made by me or water m |
| Tract 15a | 1 | 1 | supervison, | and that the same is true ar the best of my knowledge as |
| 8 40 Acres | | } 1 | belief. | |
| 5280, | i ł | 1 1 | Date Surve | yed MARD DAG |
| L CO | 1 4 } | | AP | MARO DAGO |
| | | | Signature Professio | Sealor WE A/CO & |
| | ! <i>*</i> | Ì | | WARD DAGGETT |
| 914' | | ļ | '`` '[| |
| | ¦ | | RO | Grand Doorten |
| J. ₹ | 1. | ļ | | No. PESSIONA |
| NORTH 796' | i ł | | Certificate | |
| 5270.76' | S 89-57 E | | | RegPspered Professional |
| | | 2000 1500 1000 | 500 0 | Land Surveyor |
| 0 330 660 990 | 1320 1650 1980 2310 2640 | 2000 1500 1000 | | |

OR CON. PIN