

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☒

2. NAME OF OPERATOR

Phillips Petroleum Company 77654

3. ADDRESS AND TELEPHONE NO.

5525 Highway 64, N3U 3004, Farmington, NM 87401

505-599-3454

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

At surface

Unit P, 1090' FSL & 790' FEL

At proposed prod. zone

Same as above

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

@ 22 miles from Navajo Dam, NM

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any) 790'

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT. 2200' (28X-Sec23)

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

6819' unprepared ground level

OIL CON. DIV.  
DIST. 3

16. NO. OF ACRES IN LEASE

1886.39 Acres

17. NO. OF ACRES ASSIGNED

TO THIS WELL 320 E/2

19. PROPOSED DEPTH

@ 8500'

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START\*

2 Qtr 1997

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT               |
|--------------|-----------------------|-----------------|---------------|----------------------------------|
| 12-1/4"      | 9-5/8"                | 36# J/K-55      | @ 350'        | 185 sx C1 B (1.18 cu /sx)        |
| 8-3/4"       | 7"                    | 20# J/K-55      | 4250'         | L-315sx 65/35 C1B POZ-2.25 cf/sx |
| 6-1/4"       | 4-1/2"                | 11.6# N-80      | @ 8500'       | T-150sx C1 B-1.2 cf/sx           |

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

BOP Equipment- see attached.

\*\* Casing for the surface and intermediate casing will be circulated to the surface. The 4-1/2" casing cement is designed to cover the open hole section (with 30% excess) and at least 100' inside the 7" casing (with 10% excess).

Cement details are attached, see the cement program in the Drilling Prognosis.

See WFS pipeline survey for pipeline ROW footages.

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

*Patricia Clugston*

TITLE

Regulatory Assistant

DATE

6-12-97

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

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

*/s/ Duane W. Spencer*

TITLE

\*See Instructions On Reverse Side

DATE

JUL - 3 1997

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.

District I  
170 Box 1980, Hobbs, NM 88241-1980  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies  
☐ AMENDED REPORT

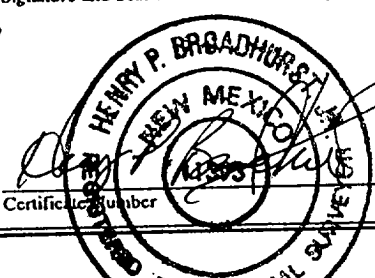
WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |  |  |  |                                    |                             |
|-------------------------------------|--|--|--|------------------------------------|-----------------------------|
| 1 API Number<br><u>30-039-25707</u> |  | 2 Pool Code<br><u>71599</u>                          |  | 3 Pool Name<br><u>Basin Dakota</u> |                             |
| 4 Property Code<br><u>009258</u>    |  | 5 Property Name<br><u>San Juan 30-5 Unit</u>         |  |                                    | 6 Well Number<br><u>29A</u> |
| 7 OGRID No.<br><u>017654</u>        |  | 8 Operator Name<br><u>Phillips Petroleum Company</u> |  |                                    | 9 Elevation<br><u>6819'</u> |

| 10 Surface Location |           |            |           |         |               |                  |               |                |                   |
|---------------------|-----------|------------|-----------|---------|---------------|------------------|---------------|----------------|-------------------|
| UL or lot no.       | Section   | Township   | Range     | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County            |
| <u>P</u>            | <u>14</u> | <u>30N</u> | <u>5W</u> |         | <u>1090'</u>  | <u>South</u>     | <u>790'</u>   | <u>East</u>    | <u>Rio Arriba</u> |

| 11 Bottom Hole Location If Different From Surface |         |                                |       |                                   |               |                  |               |                |        |
|---|---------|--------------------------------|-------|-----------------------------------|---------------|------------------|---------------|----------------|--------|
| UL or lot no.                                     | Section | Township                       | Range | Lot Idn                           | Feet from the | North/South line | Feet from the | East/West line | County |
|   |         |                                |       |                                   |               |                  |               |                |        |
| 12 Dedicated Acres<br><u>320 E/2</u>              |         | 13 Joint or Infill<br><u>Y</u> |       | 14 Consolidation Code<br><u>U</u> |               | 15 Order No.     |               |                |        |

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

|    |  |                            |    |         |          |      |       |  |  |
|----|--|----------------------------|----|---------|----------|------|-------|--|--|
| 16 | 5266.14'   | SF-080538<br>1886.39 acres | 14 | 5280.0' | 5278.68' | 790' | 1090' | 17 OPERATOR CERTIFICATION<br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief<br><br><u>Richard A Allred</u><br>Signature<br>Richard A. Allred<br>Printed Name<br>Drilling & Prod. Superv.<br>Title<br><u>6-9-97</u><br>Date |  |
|    | 18 SURVEYOR CERTIFICATION<br>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.<br><br><u>05-27-97</u><br>Date of Survey<br>Signature and Seal of Professional Surveyer:<br><br><br>Certificate Number |                            |    |         |          |      |       |  |  |

RECEIVED  
JUL - 7 1997  
OIL CON. DIV.  
DIST. 3

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OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

015012 10356  
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|  |   |   |
|--|---|---|
| <sup>1</sup> API Number<br><b>30-039-25707</b> | <sup>2</sup> Pool Code<br><b>72319</b>                          | <sup>3</sup> Pool Name<br><b>Blanco Mesaverde</b> |
| <sup>4</sup> Property Code<br><b>009258</b>    | <sup>5</sup> Property Name<br><b>San Juan 30-5 Unit</b>         | <sup>6</sup> Well Number<br><b>29A</b>            |
| <sup>7</sup> OGRID No.<br><b>017654</b>        | <sup>8</sup> Operator Name<br><b>Phillips Petroleum Company</b> | <sup>9</sup> Elevation<br><b>6819'</b>            |

<sup>10</sup> Surface Location

|                           |                      |                        |                    |         |                               |                                  |                              |                               |                             |
|---------------------------|----------------------|------------------------|--------------------|---------|-------------------------------|----------------------------------|------------------------------|-------------------------------|-----------------------------|
| UL or lot no.<br><b>P</b> | Section<br><b>14</b> | Township<br><b>30N</b> | Range<br><b>5W</b> | Lot Idn | Feet from the<br><b>1090'</b> | North/South line<br><b>South</b> | Feet from the<br><b>790'</b> | East/West line<br><b>East</b> | County<br><b>Rio Arriba</b> |
|---------------------------|----------------------|------------------------|--------------------|---------|-------------------------------|----------------------------------|------------------------------|-------------------------------|-----------------------------|

<sup>11</sup> Bottom Hole Location If Different From Surface

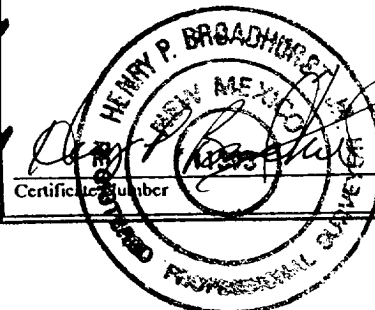
|               |         |          |       |         |               |                  |               |                |        |
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|   |   |  |                         |
|---|---|--|-------------------------|
| <sup>12</sup> Dedicated Acres<br><b>320 E/2</b> | <sup>13</sup> Joint or Infill<br><b>Y</b> | <sup>14</sup> Consolidation Code<br><b>U</b> | <sup>15</sup> Order No. |
|---|---|--|-------------------------|

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|         |               |          |    |                            |   |   |         |  |  |  |  |
|---------|---------------|----------|----|----------------------------|---|---|---------|--|--|--|--|
| 5280.0' | <sup>16</sup> | 5266.14' | 14 | SF-080538<br>1886.39 acres | 2 | 2 | 5280.0' | <sup>17</sup> OPERATOR CERTIFICATION<br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief<br><br>Signature<br><i>Richard A. Allred</i><br>Printed Name<br><b>Richard A. Allred</b><br>Title<br><b>Drilling &amp; Prod. Superv.</b><br>Date<br><b>6-9-97</b> |  |  |  |
|         |               |          |    |                            |   |   |         |  |  |  | <sup>18</sup> SURVEYOR CERTIFICATION<br>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.<br><br>Date of Survey<br><b>05-27-97</b><br>Signature and Seal of Professional Surveyer:<br><br>Certificate Number |
|         |               |          |    |                            |   |   |         |  |  |  |  |


5278.68'



# PHILLIPS PETROLEUM CO.

SAN JUAN 30-5 #29A  
SE/4 SEC. 14, T. 30 N., R. 5 W., N.M.P.M.,  
RIO ARriba COUNTY, NEW MEXICO

Canyon

 - new access

S.J. 30-5#29A

ESPINOSA RANCH QUAD.

Manuel Spring

Manut