

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

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

3. ADDRESS AND TELEPHONE NO.

5525 Highway 64, NBU 3004, Farmington, NM 87401

505-599-3454

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

At surface

Unit I, 2280' FSL & 980' FEL

At proposed prod. zone

Same as above

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

14 miles from Navajo Dam, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

980'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

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

6600' ~ unprepared groundlevel

16. NO. OF ACRES IN LEASE

2554.36 acres

17. NO. OF ACRES ASSIGNED

TO THIS WELL

331.4MV-E/2, 326.4DK-S/2

19. PROPOSED DEPTH

8247'

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

2nd Qtr 2000

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 | 320' * | 158.5sx Type III(1.41 yield=223 cf) |
| 8-3/4" | 7" | 20#, J/K-55 | 3862' | L-355.3sx Type III(2.9 yield=1030cf) |
| | | | | T-100 sx Type III(1.41 yield=141 cf) |
| 6-1/4" | 4-1/2" | 11.6#, I-80 | 8247' | 252.4 sx C1 H (2.13 yield=538 cf) ** |

* The surface casing will be set at a minimum of 320', but could be set deeper if required to maintain hole stability.

** The cement for the 4-1/2" casing is designed to cover the openhole section to 100' above the Cliffhouse Sandstone. Circulation/squeeze cementing will be conducted to isolate the Lewis Shale interval prior to its completion (see attached Drilling Prognosis for more details on this and mud program).

See attached for details on the BOP equipment and Cathodic Protection.

The pipeline for this well qualifies for APD/ROW process. See attached WFS plat and details in the Surface Use Plan.

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

Sr. Regulatory/Proration Clerk

DATE

2/17/00

(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

TITLE

DATE

*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.

District I
P.O. Box 1980, Hobbs, NM 88241-1980
District II
111 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

Form C-10
Revised October 18, 1997
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
200 570 00 51 10 14 ☐ AMENDED REPORT

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | |
|-----------------------------------|--|---------------------------|----------------------------------|
| APN Number 30-045-30157 | | Pool Code 71599 | Pool Name Basin Dakota |
| Property Code 009260 | Property Name SAN JUAN 32-7 UNIT | | Well Number 44M |
| OGRID No. 017654 | Operator Name PHILLIPS PETROLEUM COMPANY | | Elevation 6600' |

10 Surface Location

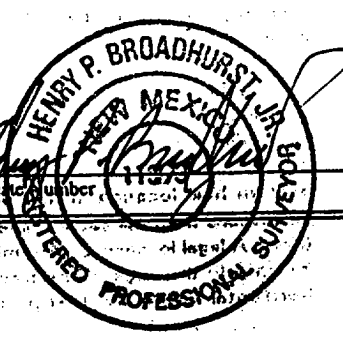
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| I | 22 | 32N | 7W | | 2280' | SOUTH | 980' | EAST | SAN JUAN |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| I | | | | | | | | | |

| | | | |
|---|-----------------------------|--------------------------------|-----------|
| Dedicated Acres 326 ⁴⁰ S/2 | Joint or Infill I | Consolidation Code U | Order No. |
|---|-----------------------------|--------------------------------|-----------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| | | | | |
|----------|----------------------------------|----------|----------|--|
| 16 | N81°57'W | 5395.50' | | 17. OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <u>Patsy Clugston</u> Printed Name <u>Patsy Clugston</u> Title <u>Sr. Regulatory Clerk</u> Date <u>February 17, 2000</u> |
| 4 | 3 | 2 | 40.44 | |
| 5 | 6 | 8 | 40.42 | |
| 6011.28' | Section 22 | | | 5161.20' |
| N00°45'E | SF-078459 2554.36 acres 10 | | | 980' |
| | | | 40.59 | |
| | | | 2280' | |
| | | | 12 | |
| S89°58'W | 2639.34' | S87°50'W | 2675.64' | 18. SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey <u>12/08/99</u> Signature and Seal of Professional Surveyor: Certificate Number <u>11273</u>  |

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OIL CONSERVATION DIVISION
 2040 South Pacheco
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Form C-10
 Revised October 18, 1995
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|-------------------------------|--|--|--|----------------------------------|-----------------------|
| 1. API Number 30-065-30157 | | 2. Pool Code 72319 | | 3. Pool Name Blanco Mesaverde | |
| 4. Property Code 009260 | | 5. Property Name SAN JUAN 32-7 UNIT | | | 6. Well Number 44M |
| 7. OGRID No. 017654 | | 8. Operator Name PHILLIPS PETROLEUM COMPANY | | | 9. Elevation 6600' |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| I | 22 | 32N | 7W | | 2280' | SOUTH | 980' | EAST | SAN JUAN |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| I | | | | | | | | | |

| 12. Dedicated Acres | 13. Joint or Infill | 14. Consolidation Code | 15. Order No. |
|---------------------|---------------------|------------------------|---------------|
| 331.28 E/2 | I | U | |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----------|----------|---|---|---|---|---|---|---|---|---|----|----|----|----------|----------|-------|----------|----------|----------|----------|----------|----------|----------------------------------|------------|---|--|
| 16 | N81°57'W | 5395.50' | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | S87°50'W | 2675.64' | 2280' | N01°09'E | 5161.28' | 6011.28' | N00°45'E | S89°58'W | 2639.34' | SF-078459 2554.36 acres 10 | Section 22 | 17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Patsy Clugston Printed Name Sr. Regulatory Clerk Title February 17, 2000 Date | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 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. 12/08/99 Date of Survey Signature and Seal of Professional Surveyer: HENRY P. BROADHURST, JR. NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR Certificate Number 11593 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

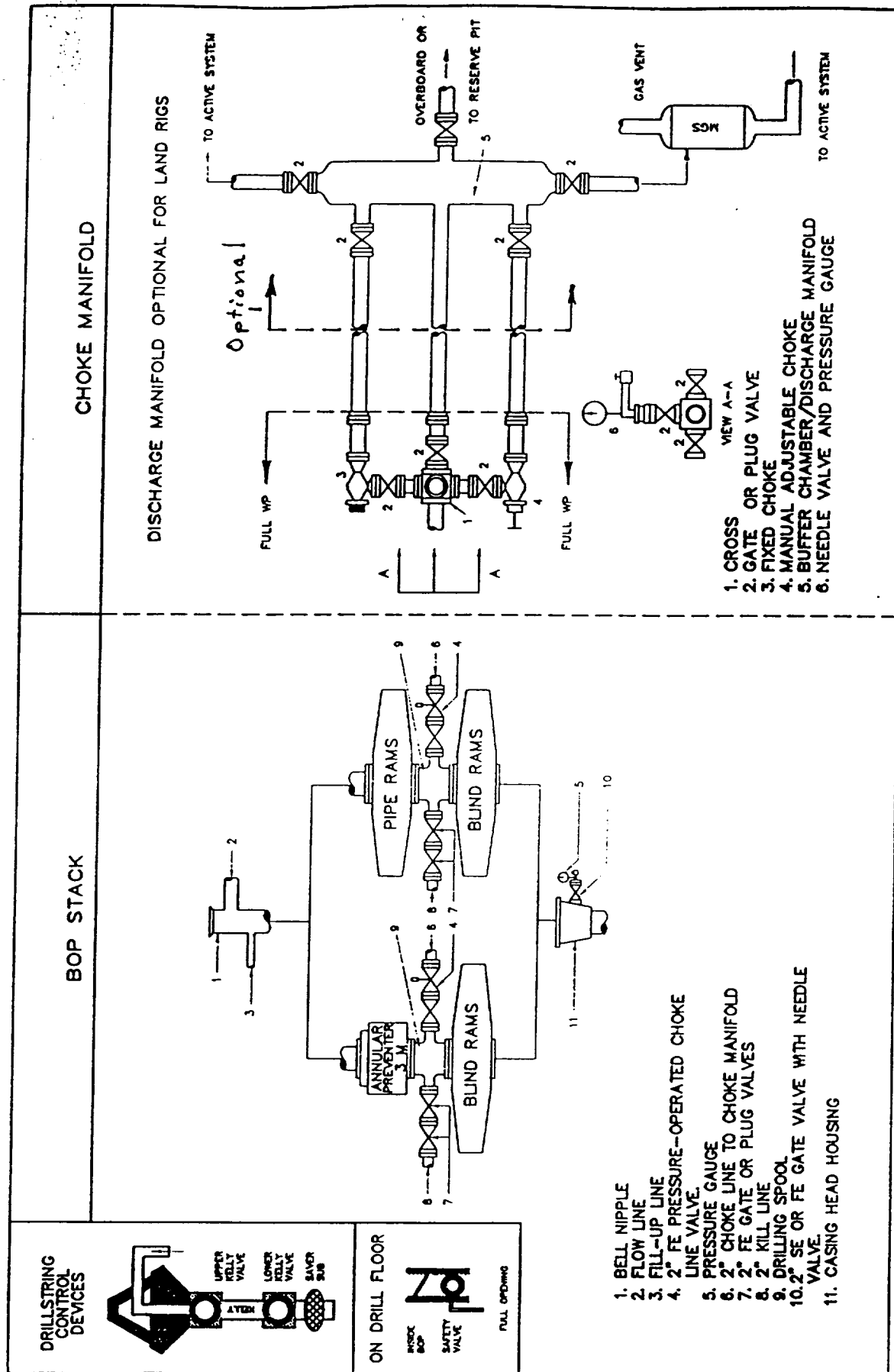


Fig. 2.4. Class 2 BOP and Choke Manifold.

BOP AND RELATED EQUIPMENT CHECK LIST

3M SYSTEM:

2 hydr. rams (pipe & blind) or hydr. ram and annular with blind ram on bottom

Kill Line (2-inch minimum)

1 kill line valve (2-inch minimum)

1 choke line valve

2 chokes (refer to diagram in attachment 1) on choke manifold

Upper kelly cock valve in open position with handle available

Safety valve (in open position) and subs to fit all drill strings in use (with handle available)

Pressure gauged on choke manifold

2 inch minimum choke line

Fill-up line above the uppermost preventer

The BOPs will be pressure tested according to Onshore Order #2 III, A 1 and 30% safety factor.

2280' FSL, 980' FEL
SE/4 SEC. 22, T-32-N, R-07-W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO
GROUND LEVEL ELEVATION: 6600'

2280' FSL, 980' FEL

SE/4 SEC. 22, T-32-N, R-07-W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

GROUND LEVEL ELEVATION: 6600'

