

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

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BLM

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

5. LEASE DESIGNATION AND SERIAL NO.  
SF-078278

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
9257

8. FARM OR LEASE NAME, WELL NO.  
San Juan 29-6 Unit

9. API WELL NO.  
30-039-26183

10. FIELD AND POOL, OR WILDCAT  
Blanco Mesaverde and Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 14, T29N, R6W

12. COUNTY OR PARISH  
Rio Arriba.

13. STATE  
NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
22.5 miles east of Blanco, NM

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
925'

16. NO. OF ACRES IN LEASE  
2540.77 acres

17. NO. OF ACRES ASSIGNED TO THIS WELL  
320 N/2-DK; 320 W/2 MV

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

19. PROPOSED DEPTH  
8305'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6775' unprepared ground level

APPROX. DATE WORK WILL START\*  
2nd or 3rd Qtr 1999

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JUN 18 1999

OIL CON. DIV.  
DIST. 3

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 H (222 cf)
8-3/4"	7"	20#, J/K-55	4025'	L-362 sx C1 H (1043cf)
6-1/4"	4-1/2"	11.6#, N-80	8305'	T-100 sx C1 H (120 cf) 348 sx 35/65 POZ C1 H (738 cf) **

\*\* The 4-1/2" casing cement is designed to cover openhole section (with 60% excess). See cement and mud details on drilling prognosis.

See attached for BOP equipment and Cathodic Protection.

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

The APD & pipeline qualify for APD/ROW process, see attached WFS pipeline survey for details.

NOTE: A NOS for 29-6 #2 B dated 4/8/99 listed this well (same location) as only a Mesaverde well. Plans were changed to include the Dakota interval and because this is also a Dakota infill well the name changed to # 84M. The Dakota unorthodox location approval has been applied for, as well as the commingling application. No commingling will occur until all approvals have been obtained.

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 Patsy Clugston TITLE Regulatory Assistant DATE 5/20/99

(This space for Federal or State Office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE JUN 16 1999

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 Team Lead, Petroleum Management DATE JUN 16 1999

\*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.

HOLD C104 FOR DATA NSL R 4250 OF

District I  
 PO Box 1900, Hobbs, NM 88241-1900  
 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

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99 MAY 20 PM 3:4

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 30-039-26183		2 Pool Code 71599	3 Pool Name Basin Dakota
4 Property Code 009257	5 Property Name SAN JUAN 29-6		6 Well Number 84M
7 OGRID No. 017654	8 Operator Name PHILLIPS PETROLEUM COMPANY		9 Elevation 6775'

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
D	14	29N	6W		1305'	NORTH	925'	WEST	RIO ARRIBA

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
D									

12 Dedicated Acres 320 N/2  
 13 Joint or Infill I  
 14 Consolidation Code U  
 15 Order No. Unorthodox location & DHC applications have been submitted

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 S 89-47 E 5278.68' 1305' 925' 5280.00'	Section 14 SF-078278 2540.77 acres	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature <i>Patsy Clugston</i> Printed Name Patsy Clugston Title Regulatory Assistant Date May 17, 1999
N 00-03 E	S 89-53 E 5281.32'	

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 JUN 18 1999

OIL CON. DIV.  
 DIST. 3

District I  
 PO 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

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039-26183		<sup>2</sup> Pool Code 72319	<sup>3</sup> Pool Name Blanco Mesaverde
<sup>4</sup> Property Code 009257	<sup>5</sup> Property Name SAN JUAN 29-6		<sup>6</sup> Well Number 84M
<sup>7</sup> OGRID No. 017654	<sup>8</sup> Operator Name PHILLIPS PETROLEUM COMPANY		<sup>9</sup> Elevation 6775'

<sup>10</sup> Surface Location

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	<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p> <p><i>Patsy Clugston</i>        Signature        Patsy Clugston        Printed Name        Regulatory Assistant        Title        May 17, 1999        Date</p>
	<p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>03/24/99        Date of Survey        Signature and Seal of Professional Surveyer:          Certificate Number</p>

**PHILLIPS PETROLEUM COMPANY**  
**SAN JUAN 29-6 UNIT NO.84M**  
**1305' FNL, 925' FWL**  
**NW/4 SEC. 14, T-29-N, R-06-W, N.M.P.M.,**  
**RIO ARRIBA COUNTY, NEW MEXICO**  
**GROUND LEVEL ELEVATION: 6775'**

R. 6 W. | 160 000 F

