

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-03471
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Phillips Petroleum Company		7. UNIT AGREEMENT NAME San Juan 29-6 Unit
3. ADDRESS AND TELEPHONE NO. 5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454		8. FARM OR LEASE NAME, WELL NO. SJ 29-6 Unit #85M
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface Unit 0. 365' FSL & 2065' FEL At proposed prod. zone Same as above		9. API WELL NO. 30-039-26343
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20 miles west of Blanco Post Office		10. FIELD AND POOL, OR WILDCAT Basin Dakota and Blanco Mesaverde
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 365'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 27, T29N, R6W
16. NO. OF ACRES IN LEASE 1960 acres		12. COUNTY OR PARISH Rio Arriba,
17. NO. OF ACRES ASSIGNED TO THIS WELL E/ 320 DK & MV E/2		13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 7703'
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* 1st Qtr 2000
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 6321' unprepared ground level		23. This action is subject to technical and procedural review pursuant to 43 CFR 3105.3 and appeal pursuant to 43 CFR 3105.4. 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' *	158.5 sx Type III (1.41 yield=223 cf)
8-3/4"	7"	20#, J/K-55	3643'	331.4 sx Type III (2.9 yield=961 cf)
6-1/4"	4-1/2"	11.6#, I-80	7703'	100 sx Type III (1.41 yield=141 cf) 246 sx C1 H (2.13 yield = 524 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 open hole 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. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

The pipeline information is included in this APD, but WFS will be obtaining ROW approval from the Surface Owner.

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 Sr. Regulatory/Proration Clerk DATE 1/31/00

(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 Charlie Beecham TITLE _____ DATE MAR 31 2000

*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.

NMOC

District I
 (N) 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

20 52 - 1 11 12 54 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

* API Number 30-039-26343		* Pool Code 72319	* Pool Name Blanco Mesaverde
* Property Code 009257	* Property Name SAN JUAN 29-6 UNIT		* Well Number 85M
* OGRID No. 017654	* Operator Name PHILLIPS PETROLEUM COMPANY		* Elevation 6321'

10 Surface Location

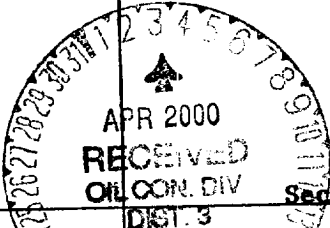
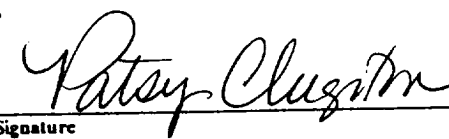
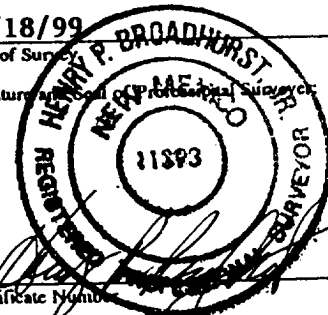
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	27	29N	6W		365'	SOUTH	2065'	EAST	RIO ARriba

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
0									
12 Dedicated Acres 320 E/2		13 Joint or Infill I		14 Consolidation Code 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	S89°58'E	5272.08'	SF-080377	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 Sr. Regulatory Clerk Date January 20, 2000
	5280.00'			
	Section 27	NM-03471 1960 acres	Fee	
	N00°02'E			
				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. Date of Survey 11/18/99 Signature <i>Henry P. Broadhurst</i> Certificate Number 11393
	S89°59'E	5278.68'	2065'	

NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION		17 OPERATOR CERTIFICATION	
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		365'	2065'

PHILLIPS PETROLEUM COMPANY

SAN JUAN 29-6 UNIT No. 85M

365' FSL, 2065' FEL

SE/4 SEC. 27, T-29-N, R-06-W, N.M.P.M.,

RIO ARRIBA COUNTY, NEW MEXICO

GROUND LEVEL ELEVATION: 6321'

