

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFEB 2000  
RECEIVED  
BUREAU OF LAND  
MANAGEMENT  
APPROVAL

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-03188	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Phillips Petroleum Company		7. UNIT AGREEMENT NAME San Juan 29-5 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 29-5 Unit #52M	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface Unit I, 1430' FSL & 1080' FEL At proposed prod. zone Same as above		9. API WELL NO. 30-039-26310	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 26 miles from 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)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 29, T29N, R5W	
16. NO. OF ACRES IN LEASE 1280 acres		12. COUNTY OR PARISH Rio Arriba,	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320 E/2 DK & MV		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 8060'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6653' unprepared Ground level		22. APPROX. DATE WORK WILL START* Feb 1, 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' *	159 sx (1.41 yield = 222 cf) Type III
8-3/4"	7"	20#, J/K-55	3930'	L-363 sx (2.9 yield = 1052cf) Type III
6-1/4"	4-1/2"	11.6#, N-80	8060'	T-100 sx (1.41 yield = 141cf) Type III
				245 sx (2.13 yield = 521 cf) CI H **

\* 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 it's completion. See attached drilling prognosis for more details.

See attached for details on BOP equipment, and Cathodic Protection. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

We would like to use the APD/ROW process for that portion of pipeline on BLM land. Details are on the Surface Use Plan. WFS will be filing for a separate ROW on the State Portion of this pipeline.

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. Patsy Clugston Sr. Regulatory/Proration Clerk DATE 1/14/00  
SIGNED \_\_\_\_\_ TITLE \_\_\_\_\_  
(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:

chsc /s/ Jim Lovato TITLE \_\_\_\_\_ DATE FEB 17 2000  
APPROVED BY \_\_\_\_\_

\*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

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. APN Number <b>30-039-26310</b>		2. Pool Code <b>71599</b>		3. Pool Name <b>Basin Dakota</b>	
4. Property Code <b>009256</b>		5. Property Name <b>SAN JUAN 29-5 UNIT</b>			6. Well Number <b>52M</b>
7. OGRID No. <b>017654</b>		8. Operator Name <b>PHILLIPS PETROLEUM COMPANY</b>			9. Elevation <b>6653'</b>

10. Surface Location

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>I</b>	<b>29</b>	<b>29N</b>	<b>5W</b>		<b>1430'</b>	<b>SOUTH</b>	<b>1080'</b>	<b>EAST</b>	<b>RIO ARriba</b>

11. Bottom Hole Location If Different From Surface

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>I</b>									

12. Dedicated Acres	13. Joint or Infill	14. Consolidation Code	15. Order No.
<b>320 E/2</b>	<b>I</b>	<b>U</b>	

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°51'E	5287.92'	SF-078282	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  <i>Patsy Clugston</i> Signature Patsy Clugston Printed Name Sr. Regulatory Clerk Title 1-6-00 Date
	5280.00'			
N00°01'E		NM-03188 1280. Acres	1080'	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. 11/11/99 Date of Survey Signature and Seal of Professional Surveyor: HENRY P. BROADHURST, JR. NEW MEXICO 11393 Certificate Number
	S89°53'E	5293.20'	1430'	

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WELL LOCATION AND ACREAGE DEDICATION PLAT

1. All Number 30-039-26310		2. Pool Code 72319		3. Pool Name Blanco Mesaverde	
4. Property Code 009256		5. Property Name SAN JUAN 29-5 UNIT			6. Well Number 52M
7. OGRID No. 017654		8. Operator Name PHILLIPS PETROLEUM COMPANY			9. Elevation 6653'

10 Surface Location

U.I. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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	Section 29		
	NM-03188 1280. Acres		
N00°01'E			
		1080'	
		1430'	
	S89°53'E	5293.20'	

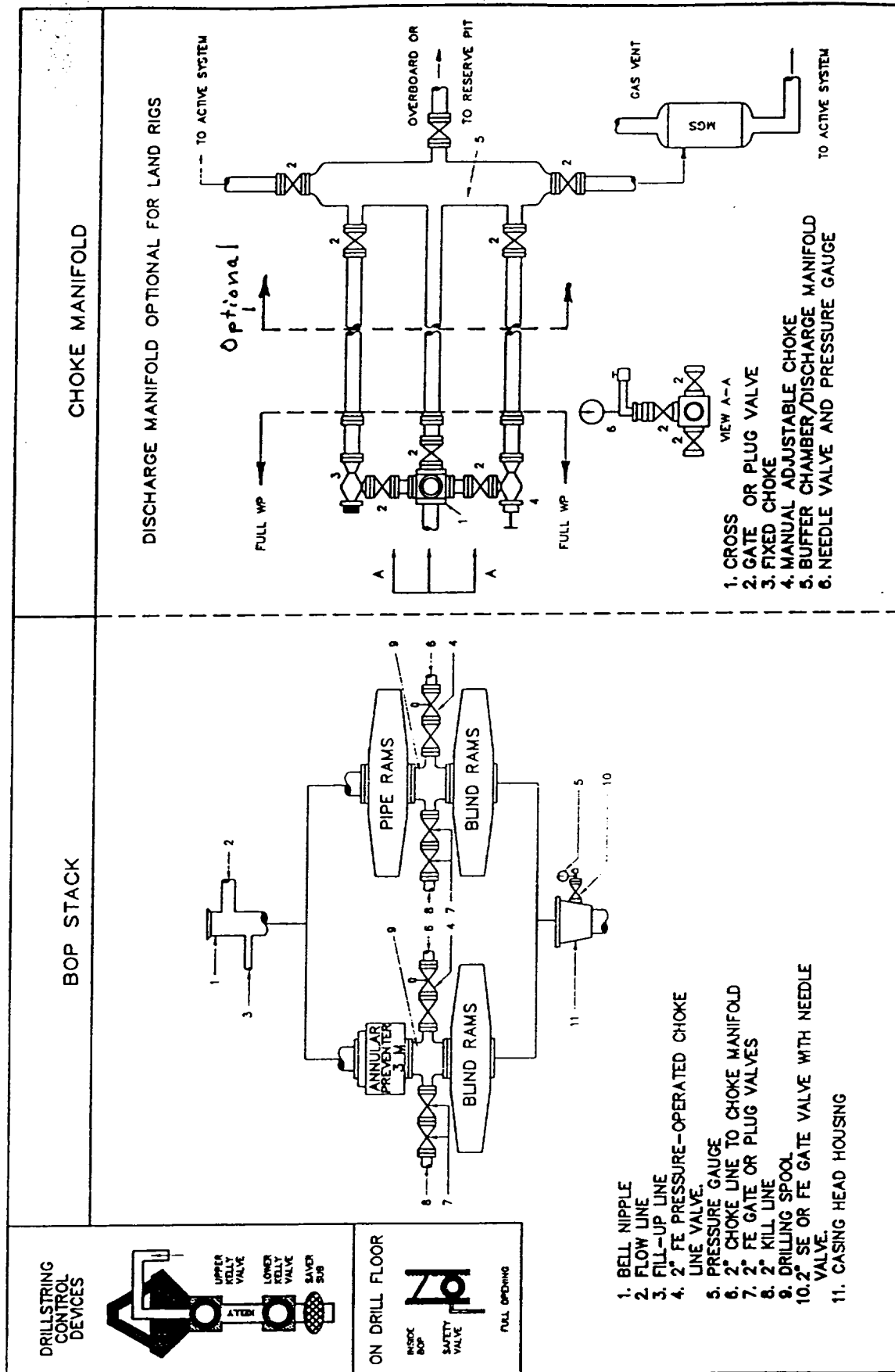


Fig. 2.4. Class 2 BOP and Choke Manifold.