

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0136  
Expires: November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NM-012671	
1b. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Phillips Petroleum Company		7. Unit or CA Agreement Name and No. San Juan 29-6 Unit	
3a. Address 5525 Highway 64, NBU 3004, Farmington, NM 87401		8. Lease Name and Well No. SJ 29-6 Unit #82M	
3b. Phone No. (include area code) 505-599-3454		9. API Well No. 30-037-26462	
4. Location of Well (Report location clearly and in accordance with any State requirements) At surface Unit 0, 10' FSL & 1440' FEL At proposed prod. zone Same as above		10. Field and Pool, or Exploratory Blanco MV & Basin DK	
14. Distance in miles and direction from nearest town or post office* 23 miles east of Blanco NM post office		11. Sec., T., R., M., or Blk. and Survey or Area 0 Section 25, T29N, R6W	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 10'		12. County or Parish Rio Arriba, NM	
16. No. of Acres in lease 713.88		13. State NM	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.		17. Spacing Unit dedicated to this well 233.88 E/2	
19. Proposed Depth 7897'		20. BLM/BIA Bond No. on file ES0048	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6495 (unprepared GL)		22. Approximate date work will start* 3rd Qtr	
		23. Estimated duration 1 month	

This action is subject to technical and procedural review pursuant to 43 CFR 3105.3 and appeal pursuant to 43 CFR 3105.4.

24. Attachments

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

- The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be submitted:
1. Well plat certified by a registered surveyor.
  2. A Drilling Plan
  3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
  4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
  5. Operator certification.
  6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature <i>Patsy Clugston</i>	Name (Printed/Typed) Patsy Clugston	Date 5/22/00
Title Sr. Regulatory/Proration Clerk		
Approved by (Signature) <i>/s/ Jim Lovato</i>	Name (Printed/Typed)	Date 6/12/00
Title Office		

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, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

\*(Instructions on Reverse)

HOLD C104 FOR NSL on Basin Dakota  
HOLD C104 FOR NSP on Basin Dakota  
Blanco M.V. OK: NW 1/4-282  
6-26-58

**OIL CONSERVATION DIVISION**  
**PO Box 2088**  
**Santa Fe, NM 87504-2088**

**Submit to Appropriate District Office**  
**State Lease - 4 Copies**  
**Fee Lease - 3 Copies**

200 MAY 31 AM 8:56

☐ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039-26462		<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 UNIT		<sup>6</sup> Well Number 82M
<sup>7</sup> OGRID No. 017654	<sup>8</sup> Operator Name PHILLIPS PETROLEUM COMPANY		<sup>9</sup> Elevation 6495'

## 10 Surface Location

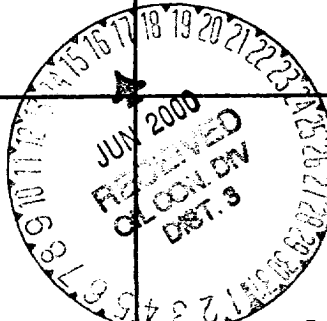
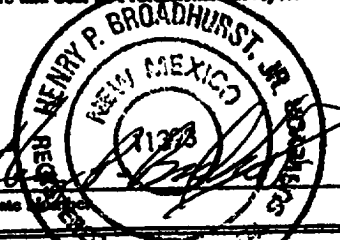
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
0	25	29N	6W		10'	SOUTH	1440'	EAST	RIO ARriba

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

[illegible]

11 Dedicated Acres	12 Joint or Infill	13 Consolidation Code	14 Order No.
233.88 E/2	I	U	

**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	2640.00' S89°58'W	1320.00' 608.52'	17
			I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
			<u>Monica D. Rodahl</u> Signature
			Monica D. Rodahl Printed Name
			Regulatory Assistant Title
Section 25			March 31, 2000 Date
N00°03'E	NM-012671		18
713.88 acres			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.
			02/08/2000 Date of Survey
			Signature and Seal of Professional Surveyor:
1440' 610.5'			
2640.00' S89°56'W			Certificate Number

NSP order: NWU-282  
6-26-68

☐ AMENDED REPORT

**OIL CONSERVATION DIVISION**  
PO Box 2088  
Santa Fe, NM 87504-2088

## WELL LOCATION AND ACREAGE DEDICATION PLAT

' API Number 30-039-26462	' Pool Code 71599	' Pool Name Basin Dakota
' Property Code 009257	' Property Name SAN JUAN 29-6 UNIT	' Well Number 82M
' OGRID No. 017654	' Operator Name PHILLIPS PETROLEUM COMPANY	' Elevation 6495'

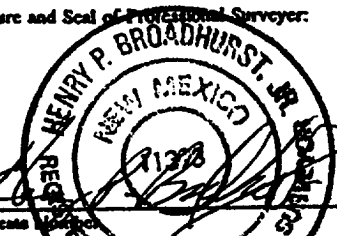
### **<sup>10</sup> Surface Location**

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
0	25	29N	6W		10'	SOUTH	1440'	EAST	RIO ARriba

**" Bottom Hole Location If Different From Surface**[illegible]

" Dedicated Acres	" Joint or Infill	" Consolidation Code	" Order No.
233.88 E/2	I	U	

**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	2640.00'	S89°58'W	1320.00'	608.52'	<p><b>17 OPERATOR CERTIFICATION</b></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 style="text-align: center;"><u>Monice D. Rodahl</u></p> <p>Signature _____</p> <p><u>Monica D. Rodahl</u></p> <p>Printed Name _____</p> <p><u>Regulatory Assistant</u></p> <p>Title _____</p> <p><u>March 31, 2000</u></p> <p>Date _____</p>
5280.00'				2	<p><b>18 SURVEYOR CERTIFICATION</b></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 style="text-align: right;"><u>02/08/2000</u></p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor: _____</p> <div style="text-align: center;">  </div> <p>Certificate _____</p>
				3	
N00°03'E			Section 25	4	
			713.88 acres	1440'	
				610.5'	

NSP & NSL.

# PHILLIPS PETROLEUM COMPANY

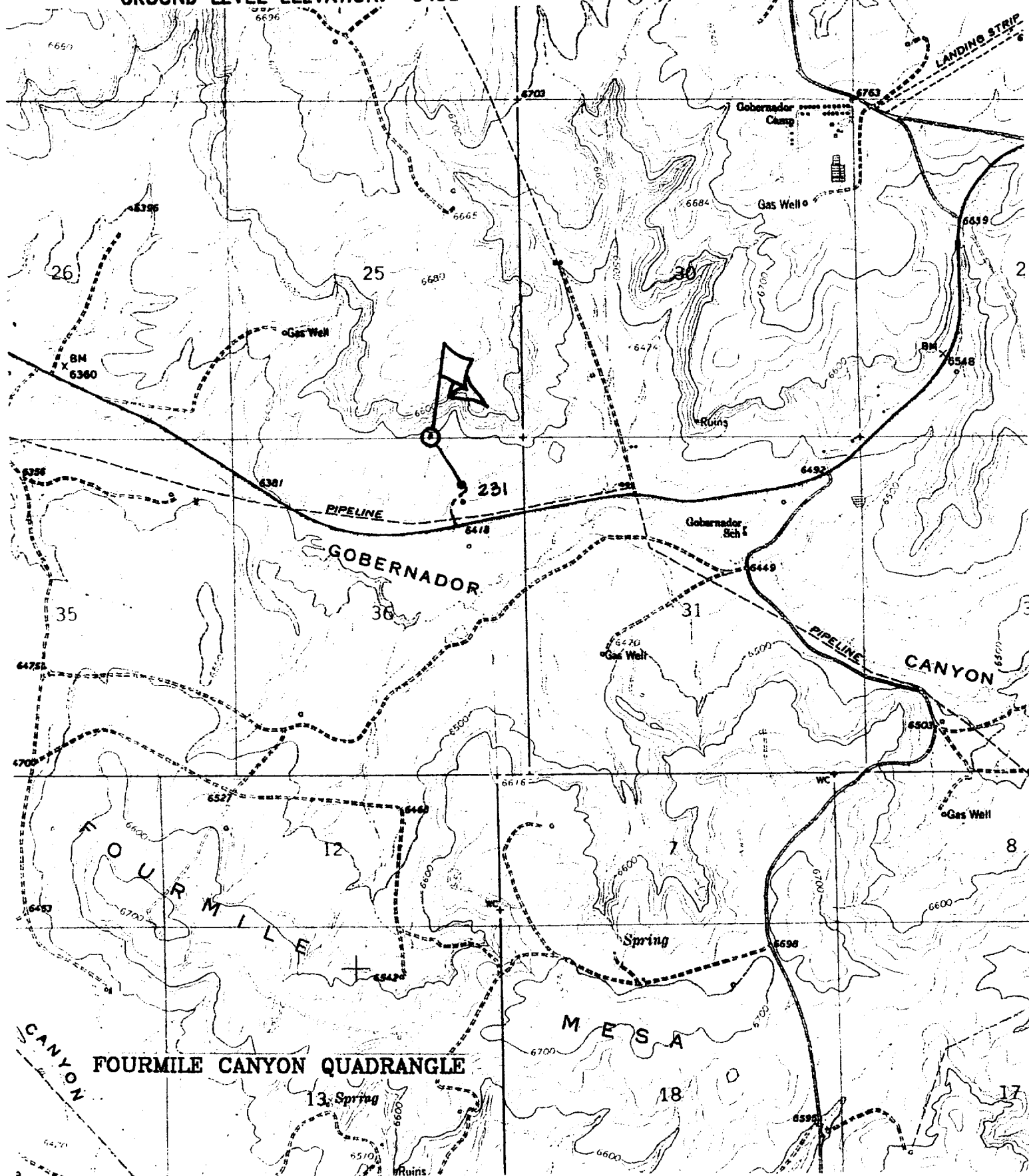
SAN JUAN 29-6 UNIT No. 82M

10' FSL, 1440' FEL

SE/4 SEC. 25, T-29-N, R-06-W, N.M.P.M.,

RIO ARriba COUNTY, NEW MEXICO

GROUND LEVEL ELEVATION: 6495'



**San Juan 29-6 Unit #82M (DK/MV)**

**SURFACE CASING :**

Drill Bit Diameter	12.25 "	
Casing Outside Diameter	9.625 "	8.913
Casing Weight	36 ppf	
Casing Grade	J-55	
Shoe Depth	320 '	
Cement Yield	1.41 cuft/sk	
Excess Cement	110 %	

Hole / Casing Annulus Capacity 0.0558 bbl/f 0.3132 cuft/ft

**Cement Required 158.5 sx**

**SHOE 320 ', 9.625 ", 36 ppf, J-55**

**INTERMEDIATE CASING :**

Drill Bit Diameter	8.75 "	
Casing Outside Diameter	7 "	6.455
Casing Weight	20 ppf	
Casing Grade	J-55	
Shoe Depth	3822 '	
Lead Cement Yield	2.37 cuft/sk	
Lead Cement Excess	110 %	
Tail Cement Length	221.6 '	
Tail Cement Yield	1.4 cuft/sk	
Tail Cement Excess	110 %	

Casing / Casing Annulus Capacity 0.0296 bbl/f 0.1660 cuft/ft

Hole / Casing Annulus Capacity 0.0268 bbl/f 0.1503 cuft/ft

Casing Capacity 0.0405 bbl/f 0.2272 cuft/ft

**Lead Cement Required 459.3 sx**

**Tail Cement Required 50.0 sx**

**SHOE 3822 ', 7 ", 20 ppf, J-55**

**PRODUCTION CASING :**

Drill Bit Diameter	6.25 "	
Casing Outside Diameter	4.5 "	4.000
Casing Weight	11.6 ppf	
Casing Grade	I-80	
Top of Cement	3722 '	100' within intermediate shoe
Shoe Depth	7897 '	
Cement Yield	2.13 cuft/sk	
Cement Excess	60 %	

Casing / Casing Annulus Capacity 0.0208 bbl/f 0.1168 cuft/ft

Hole / Casing Annulus Capacity 0.0183 bbl/f 0.1026 cuft/ft

Casing Capacity 0.0155 bbl/f 0.0872 cuft/ft

**Cement Required 320.4 sx**

**SHOE 7897 ', 4.5 ", 11.6 ppf, I-80**

## **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.*