

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-078771	
1b. TYPE OF WELL OIL WELL <input type="checkbox"/> <input checked="" type="checkbox"/> OTHER SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 17033	
2. NAME OF OPERATOR Williams Production Company		7. UNIT AGREEMENT NAME Rosa Unit	
3. ADDRESS OF OPERATOR c/o Walsh Engineering, 7415 E. Main St. Farmington, NM 87402 (505) 327-4892		8. FARM OR LEASE NAME, WELL NO. 16B	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface 580' FSL and 25' FWL At proposed Prod. Zone		9. API WELL NO. 30-039-26218	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 28 miles NE of Blanco, NM		10. FIELD AND POOL OR WILDCAT Blanco Mesa Verde	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 25'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA M Sec. 14, T31N, R6W	
16. NO. OF ACRES IN LEASE 2560		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL W/ 320		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 1300'		19. PROPOSED DEPTH 6099'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* October 1, 1999	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 6154' GR			

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#	250'	176 cuft. Of class "RMS" with 2% CaCl
8-3/4"	7"	20#	3614'-3424'	844 cuft 65/35 & 242 cuft RMS
6-1/4"	4-1/2"	10.5#	3514'-6099'	170 cuft. 65/35 & 228 cuft lite HS

Williams Production Company proposes to drill a vertical well to develop the Mesa Verde formation at the above described location in accordance with the attached drilling and surface use plans.

This location has been archaeologically surveyed by Moore Anthropological Research. Copies of their report have been submitted directly to your office.

This APD also is serving as an application to obtain BLM road and pipeline right-of-ways. This well will be accessed by an existing road that crosses the SW/SW of Sec. 14, the N/2 NW of Sec. 23, the SE/SW and SW/SE of Sec. 14 where it joins the main Rosa Road. The Rosa Road continues south for 13 miles where it joins the Sims Mesa Highway. The pipeline route is described on Plat #4,

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, 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 Paul C. Thompson TITLE Paul Thompson, Agent DATE 9/2/99

(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 [Signature] TITLE Adm. Team DATE 10/21/99  
\*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.

OK @

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer 00, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Dept

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

Form C-10,  
Revised February 21, 1991

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

5352-0 7:51

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-639-26-218		Pool Code 72319	Pool Name Blanco Mesa Verde
Property Code 17033	Property Name ROSA UNIT		Well Number 168
OGRID No. 120782	Operator Name WILLIAMS PRODUCTION COMPANY		Elevation 6154'

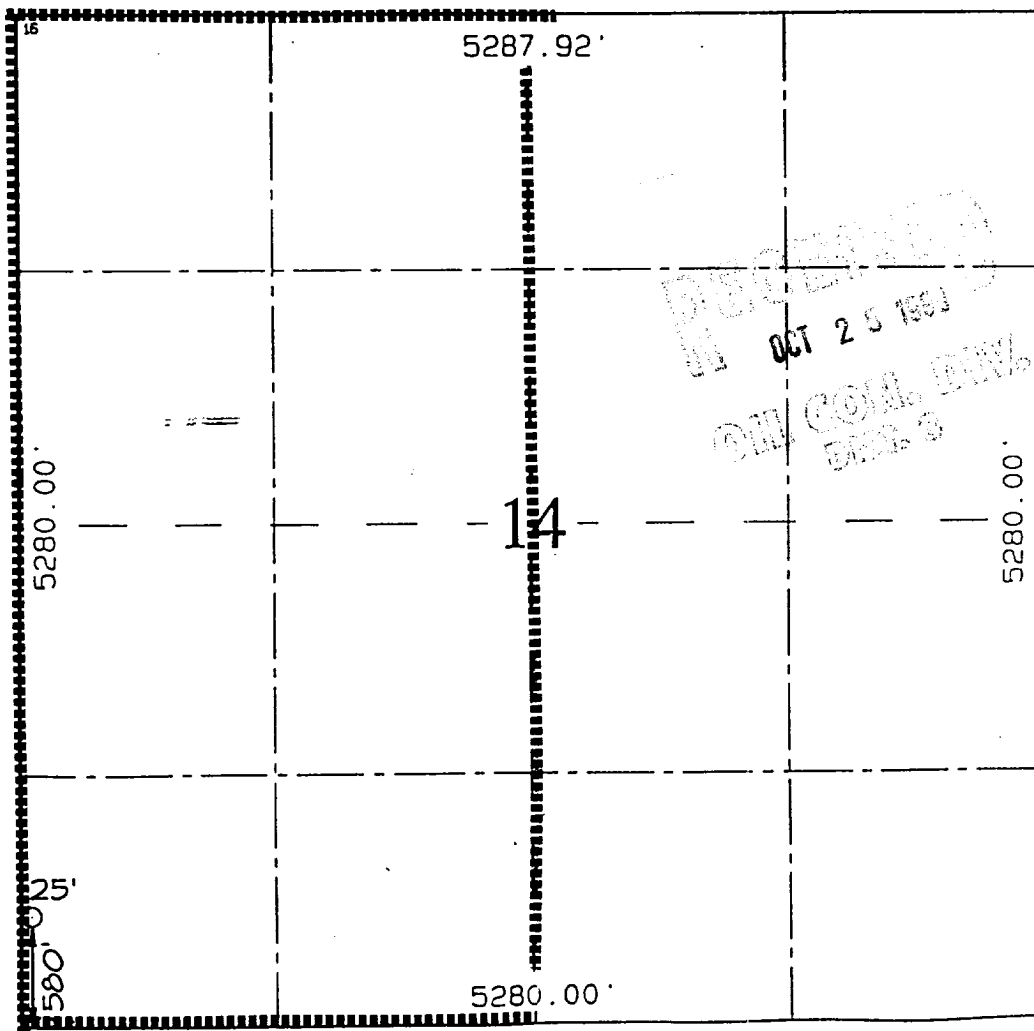

<sup>10</sup> Surface Location

UL or lot no. M	Section 14	Township 31N	Range 6W	Lot Idn	Feet from the 580	North/South line SOUTH	Feet from the 25	East/West line WEST	County RIO ARriba
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<sup>11</sup> 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
Dedicated Acres 320		Joint or Infill Y	Consolidation Code U		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

		<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Paul C. Thompson</i></p> <p>Signature Paul C. Thompson</p> <p>Printed Name Agent</p> <p>Title 8-20-99</p> <p>Date</p>
<p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p>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.</p> <p>AUGUST 16, 1999</p> <p>Date of Survey</p> <p>Signature and Seal of Surveyor</p> <p></p> <p>Certificate No. 6857</p>		

PLAT # 1

WILLIAMS PRODUCTION COMPANY

ROSA UNIT # 16B

580' FSL & 25' FWL, Sec. 14, T31N, R6W

RIO ARriba COUNTY, NM

