

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- 078765	
1b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE <input checked="" type="checkbox"/> ZONE <input type="checkbox"/> MULTIPLE <input type="checkbox"/> ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Williams Production Company		7. UNIT AGREEMENT NAME Rosa Unit 17033	
3. ADDRESS OF OPERATOR c/o Walsh Engineering 7415 E. Main St., Farmington, NM 87402 (505) 327-4892		8. FARM OR LEASE NAME 1804	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At Surface 1035' FNL and 1845' FWL At proposed Prod. Zone		9. WELL NO. APL 1804-30-045-29800	
10. FIELD AND POOL OR WILDCAT Blanco Mesa Verde		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9, T31N, R6W	
12. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 28 miles NE of Blanco, NM		13. COUNTY OR PARISH San Juan	
14. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1035'		15. NO. OF ACRES IN LEASE 2460.23	
16. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 3500'		17. NO. OF ACRES ASSIGNED TO THIS WELL 11/320	
18. ELEVATIONS (Show whether DF, RT, GR, etc.) 6427' GR		19. PROPOSED DEPTH 6150'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* April 1999	
22. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH
12-1/4"	9-5/8"	36#	250'
8-3/4"	7"	20#	3695'
6-1/4"	4-1/2"	10.5#	3595' - 6160'
QUANTITY OF CEMENT 157 cu.ft. Cl "H" with 2% CaCl₂ 879cu.ft.65/35 poz & 203cu.ft.50/50 poz 112cu.ft.50/50 poz & 335cu.ft.50/50 poz			

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. Note: This location was previously called the Rosa #45A.

This APD also is serving as an application to obtain BLM road and pipeline right-of-ways. This well will be accessed by a new access road which will be 150' long and 20' wide and crosses the NE/NW of Sec. 9, where it joins an existing road that crosses the N2/NW of Sec. 9, the S2/SE of Sec. 4, the S/2 N/2 of Sec. 8, NE/NE of Sec. 7, SE/SE of Sec. 6, SW/SW, SE/SW, NE/SW of Sec. 5, all of T31N R6W, SW/SW of Sec. 32, NE/SE and E/2 NE of Sec. 31, SE/SE, NE/SE, SE/NW, and NW/NW of Sec. 30 all of T32N R6W, and NE/NE Sec. 25, T32N, R7W where it joins San Juan County Road #4020.

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 <u>Paul C. Thompson</u> TITLE <u>Paul C. Thompson, Ager</u> DATE <u>2/11/99</u>	
(This space for Federal or State office use)	
PERMIT NO.	APPROVAL DATE <u>JUN 19 1999</u>
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	TITLE DATE

*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.

NMOCD

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

District II
PO Drawer DD, 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 Department

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

Form C-102
Revised February 21, 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

*API Number 30-045-29800	*Pool Code 72319	*Pool Name
*Property Code 17033	*Property Name ROSA UNIT	*Well Number 180 A
*GRID No. 120782	*Operator Name WILLIAMS PRODUCTION COMPANY	*Elevation 6427'

10 Surface Location

UL or lot no. C	Section 9	Township 31N	Range 6W	Lot Idn	Feet from the 1035	North/South line NORTH	Feet from the 1845	East/West line WEST	County SAN JUAN
--------------------	--------------	-----------------	-------------	---------	-----------------------	---------------------------	-----------------------	------------------------	--------------------

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
12 Dedicated Acres		13 Joint or Infill		14 Consolidation Code		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

15	5270.76'	1035'	1845'	5280.00'	9	5277.36'	5280.00'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Paul C. Thompson Signature Printed Name Title Date 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. APRIL 1, 1998 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 6857 Certificated Number PROFESSIONAL SURVEYOR
----	----------	-------	-------	----------	---	----------	----------	---

