

**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 <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE 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 20-039-26078	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At Surface 1450' FNL and 790' FEL At proposed Proc. Zone				9. WELL NO. 5Y	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 25 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) 790'				11. SEC., T., R., M., OR BLK AND SURVEY OR AREA Sec. 26, T31N, R6W	
16. NO. OF ACRES IN LEASE 2560				12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320				13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 650' This action is subject to technical and procedural review pursuant to 43 CFR 3165.3, and appeal pursuant to 43 CFR 3165.4.				19. PROPOSED DEPTH 6006'	
20. ROTARY OR CABLE TOOLS Rotary				21. APPROX. DATE WORK WILL START* April 1999	
22. APPROX. DATE WORK WILL START*					
23. PROPOSED CASING AND CEMENTING PROGRAM DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED GENERAL REQUIREMENTS					
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING	QUANTITY OF CEMENT	
12-1/4"	9-5/8"	36#	250'	157 cu.ft. Cl "H" with 2% CaCl ₂	
8-3/4"	7"	20#	3590'	839 cu.ft. 65/35 poz & 210 cu.ft. 50/50 poz	
6-1/4"	4-1/2"	10.5#	3490' - 6005'	110 cu.ft. 50/50 poz & 329 cu.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.

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 300' long and 20' wide. It will cross the E2NE of Sec. 26, T31N, R6W where it joins the main Rosa Road. The Rosa Road continues SE for 12 miles where it joins the Sims Mesa Highway.

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 C. Thompson, Ager DATE 1/13/99

(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 these rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

/s/ Duane W. Spencer TITLE Team Lead, Petroleum Management

DATE

MAR - 2 1999

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994

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

OIL CONSERVATION DIVISION

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

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

PO Box 2088
Santa Fe, NM 87504-2088

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-26078	Pool Code 72319	Pool Name Blanco Mesa Verde
Property Code 00848C 17033	Property Name ROSA UNIT	Well Number 5Y
GRID No. 120782	Operator Name WILLIAMS PRODUCTION COMPANY	Elevation 6314'

10 Surface Location

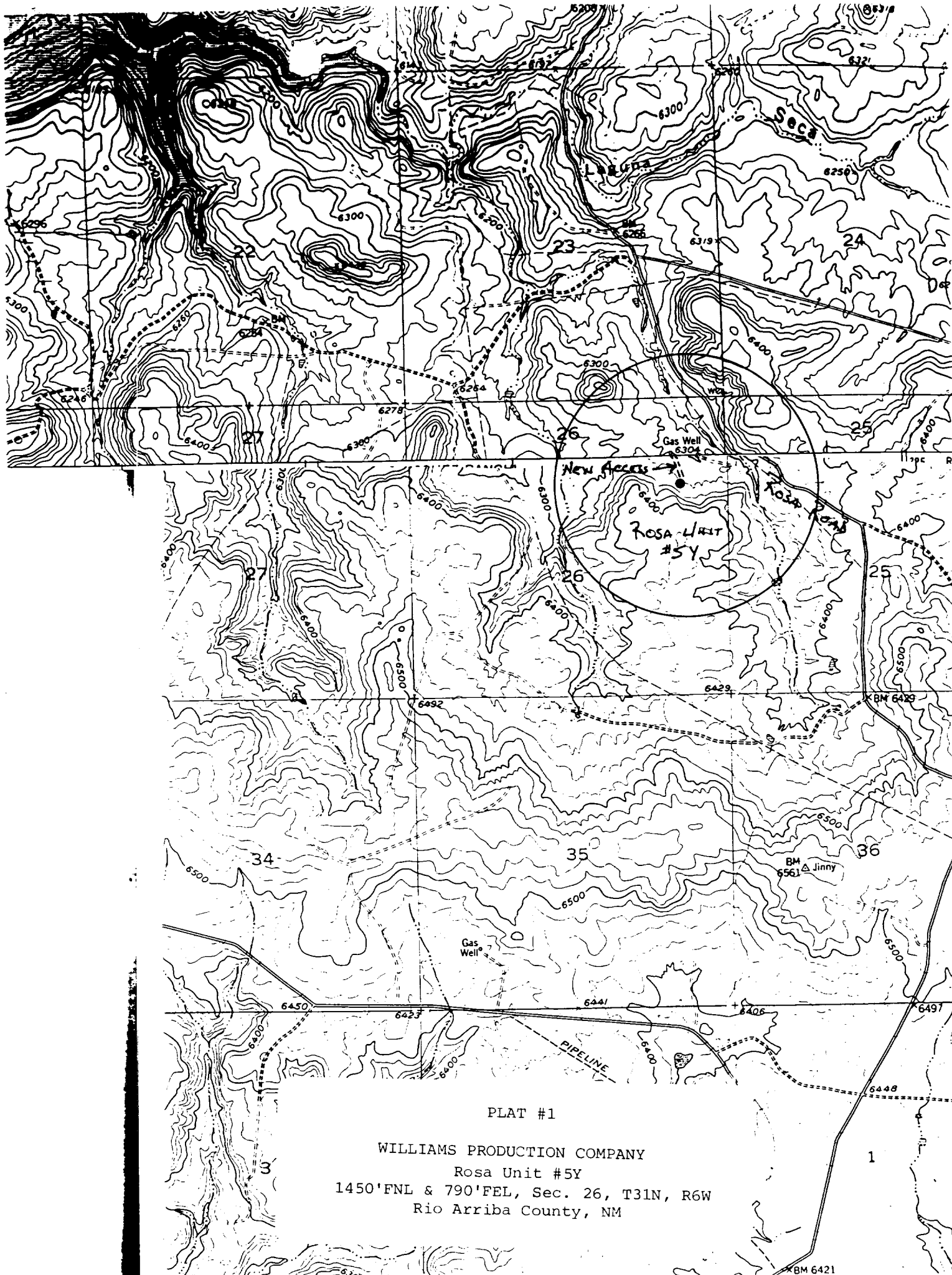
UL or lot no. H	Section 26	Township 31N	Range 6W	Lot Idn	Feet from the 1450	North/South line NORTH	Feet from the 790	East/West line EAST	County RIO ARriba
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320		Joint or Infill I	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

15	5278.68'	1450'	5	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 Paul C. Thompson Printed Name Agent Title 1/14/99 Date
RECEIVED MAR 4 1999 OIL CON. DIV. DIST. 2	26	790'	5A	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. MARCH 31, 1998 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 Certificate Number
5280.00'	5276.04'	5280.00'	5A	



PLAT #1

WILLIAMS PRODUCTION COMPANY
Rosa Unit #5Y
1450'FNL & 790'FEL, Sec. 26, T31N, R6W
Rio Arriba County, NM