

RECEIVED
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(Other instructions on
reverse side)
SEP 27 1999

Form approved.
Budget Bureau No. 1004-0136
Expires December 31, 1991

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"/>		7. UNIT AGREEMENT NAME Rosa Unit <u>17033</u>	
1b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE <input checked="" type="checkbox"/> ZONE <input type="checkbox"/> MULTIPLE <input type="checkbox"/> ZONE <input type="checkbox"/>		8. FARM OR LEASE NAME <u>21A</u>	
2. NAME OF OPERATOR Williams Production Company		9. WELL NO. <u>4PI</u> <u>21A 30-039-26121</u>	
3. ADDRESS OF OPERATOR c/o Walsh Engineering 7415 E. Main St., Farmington, NM 87402 (505) 327-4892		10. FIELD AND POOL OR WILDCAT Blanco Mesa Verde	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At Surface 1250' FNL and 2165' FWL At proposed Prod. Zone		11. SEC., T., R., M., OR BLK AND SURVEY OR AREA <u>C</u> Sec. 23, T31N, R6W	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 28 miles NE of Blanco, NM		12. COUNTY OR PARISH Rio Arriba	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT (Also to nearest drig. unit line, if any) 475'		13. STATE NM	
16. NO. OF ACRES IN LEASE 2560		17. NO. OF ACRES ASSIGNED TO THIS WELL <u>W/320</u>	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 130'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6281'		22. APPROX. DATE WORK WILL START* April 1999	
23. 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#	3585'
6-1/4"	4-1/2"	10.5#	3485' - 6040'
QUANTITY OF CEMENT			
157 cu.ft. Cl "H" with 2% CaCl ₂			
834cu.ft.65/35 poz & 187cu.ft.50/50 poz			
111cu.ft.50/50 poz & 333cu.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 an existing road which crosses the E2NW and the SWNE of Sec. 23, T31N, R6W where it joins the main Rosa Road. The Rosa Road continues SE for 12 miles where it joins the Sims Mesa Highway.

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

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 2/11/99

(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 WAYNE TOWNSEND TITLE A.T.L. DATE SEP 24 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.

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 30-039-26121	*Pool Code 72319	*Pool Name Blanco Mesa Verde
*Property Code 008480	*Property Name ROSA UNIT	*Well Number 21A
*OGRID No. 120872	*Operator Name WILLIAMS PRODUCTION COMPANY	*Elevation 6281'

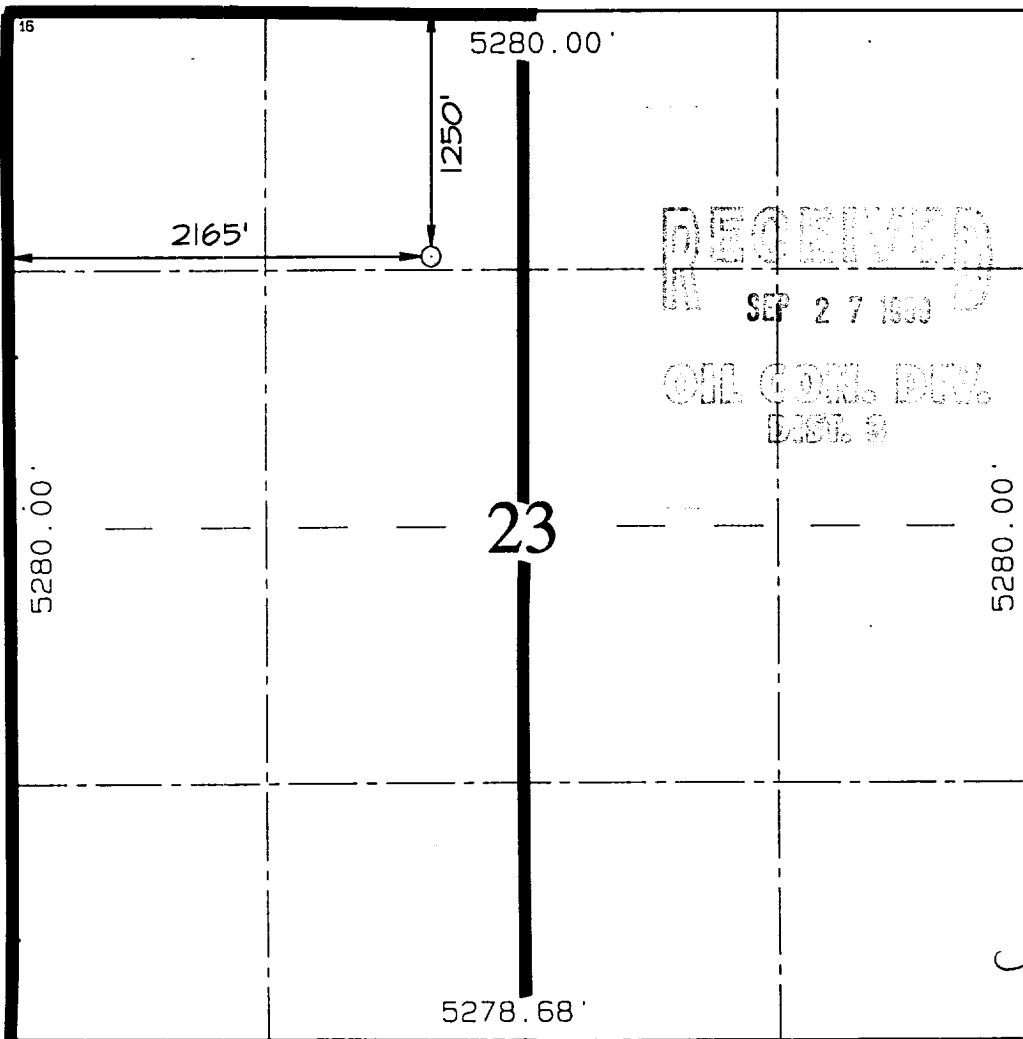
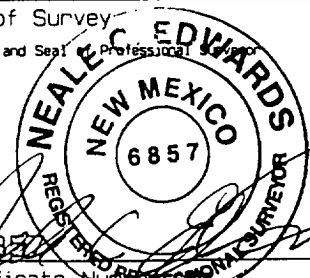
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	23	31N	6W		1250	NORTH	2165	WEST	RIO ARriba

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 320		13 Joint or Infill I		14 Consolidation Code U		15 Order No.			

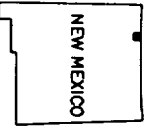
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>17 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> Signature Paul C. Thompson Printed Name Agent Title 2/11/99 Date</p>
	<p>18 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>DECEMBER 4, 1998 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number</p>

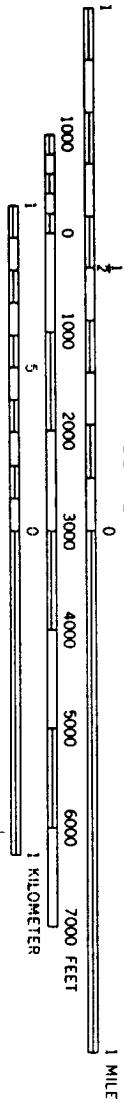
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SCALE BY U.S. GEOLOGICAL SURVEY NUMBERED COORDINATE FRAME ON SECTION VERTICAL DATUM

Revisions shown in purple and woodland compiled from

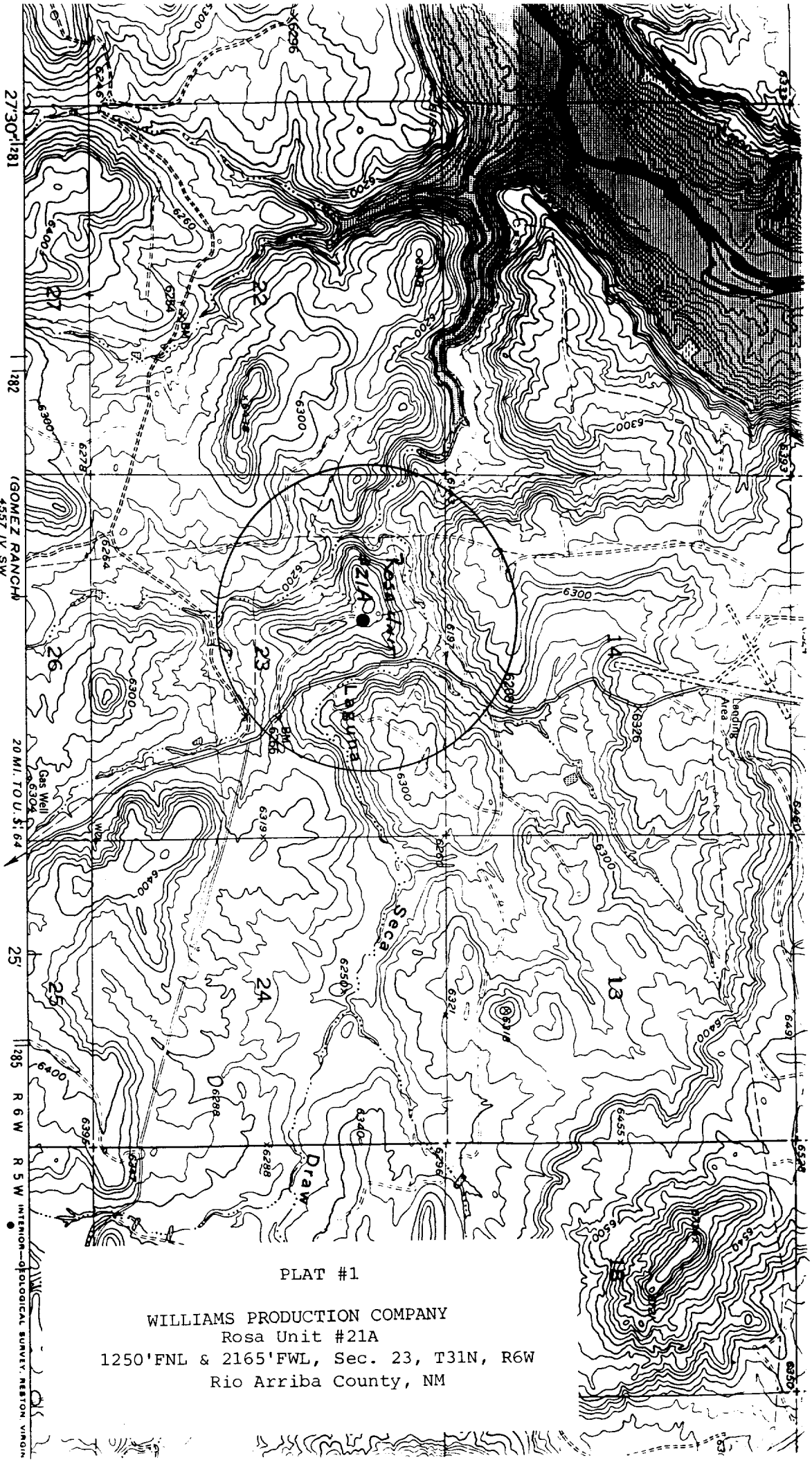
QUADRANGLE LOCATION



CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



SCALE 1:24,000



PLAT #1

WILLIAMS PRODUCTION COMPANY
Rosa Unit #21A
1250'FNL & 2165'FWL, Sec. 23, T31N, R6W
Rio Arriba County, NM

Light-duty