

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK **DRILL** ☒ **DEEPEN** ☐ **PLUG BACK** ☐
1b. TYPE OF WELL
OIL ☐ **GAS** ☒ **OTHER** ☐ **SINGLE** ☒ **MULTIPLE** ☐
WELL ☐ **WELL** ☒ **ZONE** ☒ **ZONE** ☐

2. NAME OF OPERATOR
Williams Production Company

3. ADDRESS OF OPERATOR
c/o Walsh Engineering 7415 E. Main St., Farmington, NM 87402

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At Surface **1500' FSL and 1310' FEL**
At proposed Prod. Zone
1550' FSL and 1750' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
28 miles NE of Blanco, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
1310'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.
100'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6315' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	500'	312 cu.ft. Cl "H" with 2% CaCl ₂
8-3/4"	7"	20#	4028'	942cu.ft.65/35 poz & 235cu.ft.50/50 poz
6-1/4"	4-1/2"	10.5#	3928' - 6820'	126cu.ft.50/50 poz & 378cu.ft.50/50 poz

5. LEASE DESIGNATION AND SERIAL NO.
SF- 078772

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Rosa Unit **17033**

8. FARM OR LEASE NAME

9. WELL NO.
164 APL#30-039-26151

10. FIELD AND POOL OR WILDCAT
Blanco Mesa Verde

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
J Sec. 1, T31N, R6W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

17. NO. OF ACRES ASSIGNED TO THIS WELL
303.88 ALK

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
May 1999

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OIL CON. DIV.
DIST. 3
APR 21 1999

Williams Production Company proposes to drill a directional 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 on the same road as the Rosa #164A. 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 3/16/99

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE APR 19 1999

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

HOLD C104 FOR N5P @

NMOCD

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

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 Dept

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

Form C-102
Revised February 21, 1992
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

99 MAR 18 AM 7:52 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26151	*Pool Code 72319	*Pool Name Blanco Meas Verde
*Property Code 008480 11033	*Property Name ROSA UNIT	*Well Number 164
*GRID No. 120782	*Operator Name WILLIAMS PRODUCTION COMPANY	*Elevation 6315'

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
J	1	31N	6W		1500	SOUTH	1310	EAST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

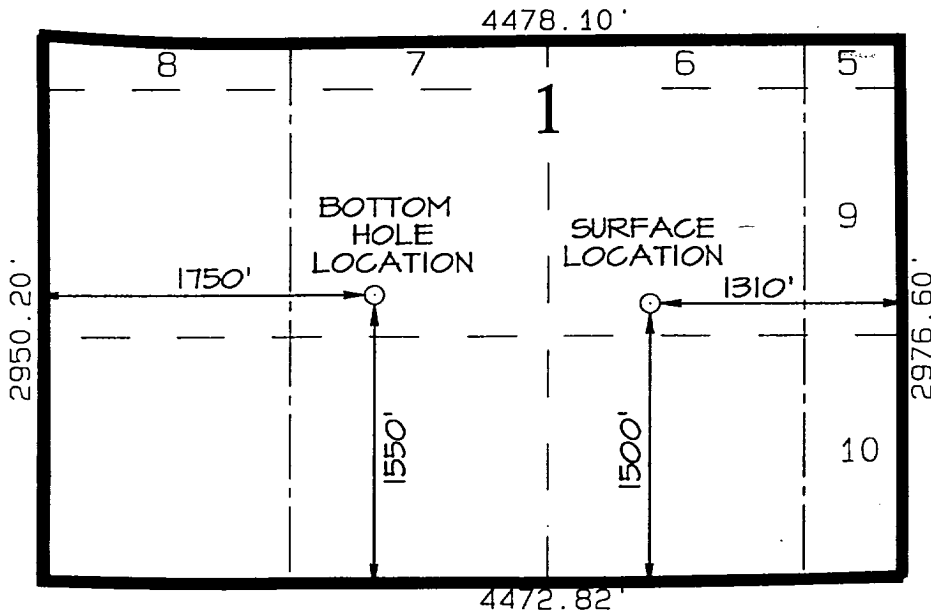
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	1	31N	6W		1550	SOUTH	1750	WEST	RIO ARRIBA

¹² Dedicated Acres 303.88	¹³ Joint or Infill Y	¹⁴ Consolidation Code U	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS WELL LOCATION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

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DIST. 3



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
3/16/99
Date

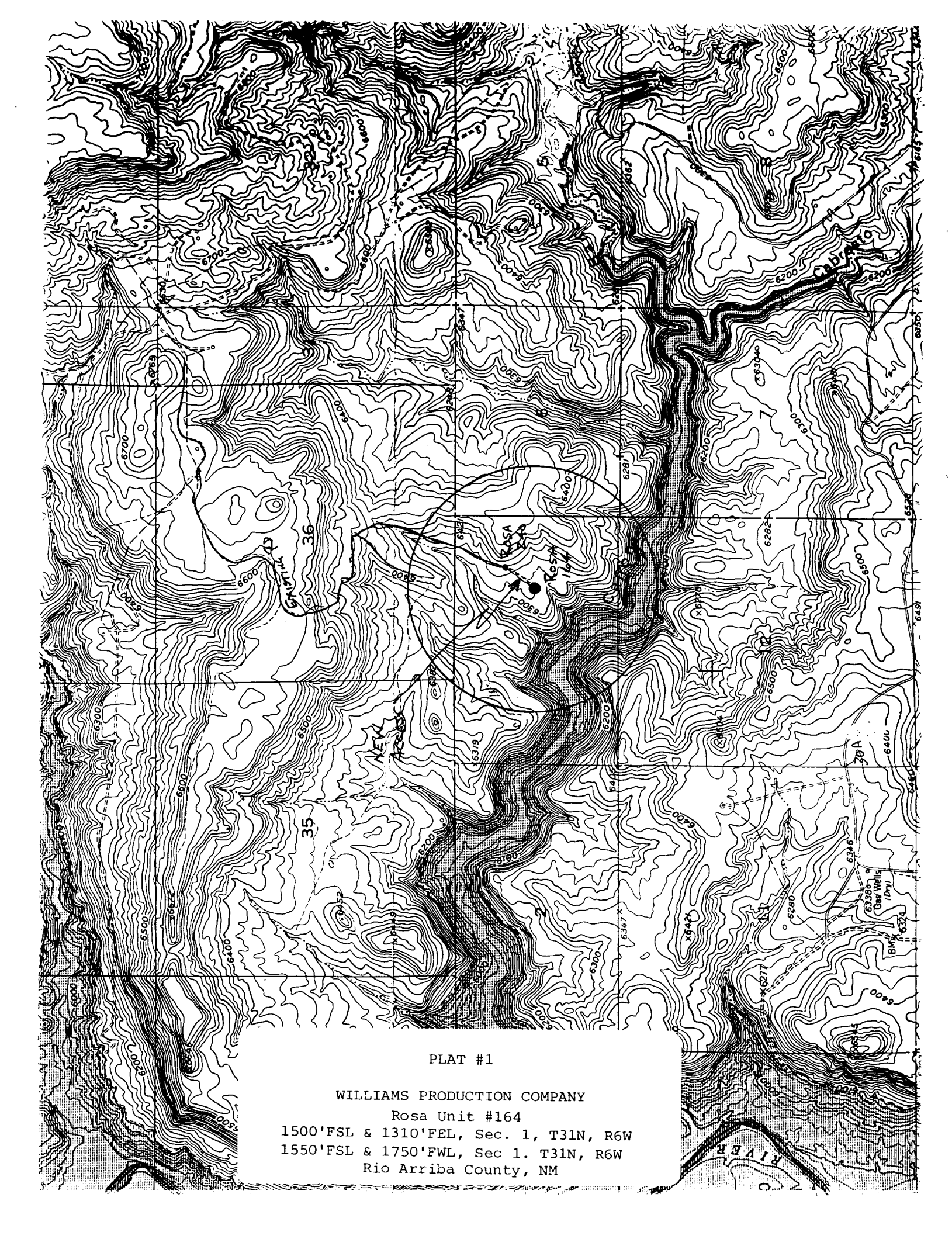
¹⁸ SURVEYOR CERTIFICATION

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.

FEBRUARY 3, 1999
Date of Survey

Signature and Seal of Professional Surveyor

NEALE C. EDWARDS
NEW MEXICO
6857
Certificate Number 6857



PLAT #1

WILLIAMS PRODUCTION COMPANY

Rosa Unit #164

1500'FSL & 1310'FEL, Sec. 1, T31N, R6W

1550'FSL & 1750'FWL, Sec 1, T31N, R6W

Rio Arriba County, NM