

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ROW/APD

FORM APPROVED
Budget Bureau No. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. Lease Designation and Serial No.
SF-078767

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Rosa Unit

8. Well Name and No.
RU-# 163

9. API Well No.

30-039-26345

10. Field and Pool, or Exploratory Area
Blanco - MV

11. Sec., T., R., M., or BLK.
and Survey or Area
Section 24, T31N, R6W

12. County or Parish
Rio Arriba

13. State
NM

17. No. of Acres Assigned to This Well
223.92 acres E/2

20. Rotary or Cable Tools

Rotary

22. Approximate Date Work will Start

April 1, 2000

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE & GRADE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	250'	130 sx-176 cu ft Type III
8-3/4"	7"	20#	3575'	395 sx-827 cu ft Lite 175 sx-245 Cu ft-Type III
6-1/4"	4-1/2"	10.5#	3475' - 6020'	70 sx-150-cuft 110 sx-242cuft Lite HS 65/35

Williams Exploration & Production proposes to drill a vertical well to develop the Mesa Verde Formation at the above described location, in accordance with the attached Operation and Surface Use plans. **The surface is under the jurisdiction of the New Mexico Game & Fish Department.** Moore Anthropological Research of Aztec, NM, has surveyed the proposed location for Cultural Resources. The report has been submitted to your office for review.

This APD also is serving as an application to obtain BLM road and pipeline rights-of-way. This well will require the construction of a 400-foot new access road (see Pipeline & Well Plats #3 and #4). The access road will begin at an existing gas road. The proposed 194-foot long pipeline would tie into the Williams Gathering System on the Rosa Unit Well #116 (see the attached Pipeline Plat Map # 4).

This action is subject to technical and procedural review pursuant to 43 CFR 3163.5 and appeal pursuant to 43 CFR 3165.4.

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

24. Approved and proposed to be drilled or deepened. If proposal to deepen, give present productive zone and proposed new productive zone.
Signed Steve Nelson Title Agent

COPIES: BLM+4, WELL FILE+1
Date February 04, 2000

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
PO Box 2088
Santa Fe, NM 87504-2088

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26345		*Pool Code 72319	*Pool Name Blanco - MV
*Property Code 17033	*Property Name ROSA UNIT		*Well Number 163
*OGRID No. 120782	*Operator Name WILLIAMS PRODUCTION COMPANY		*Elevation 6248'

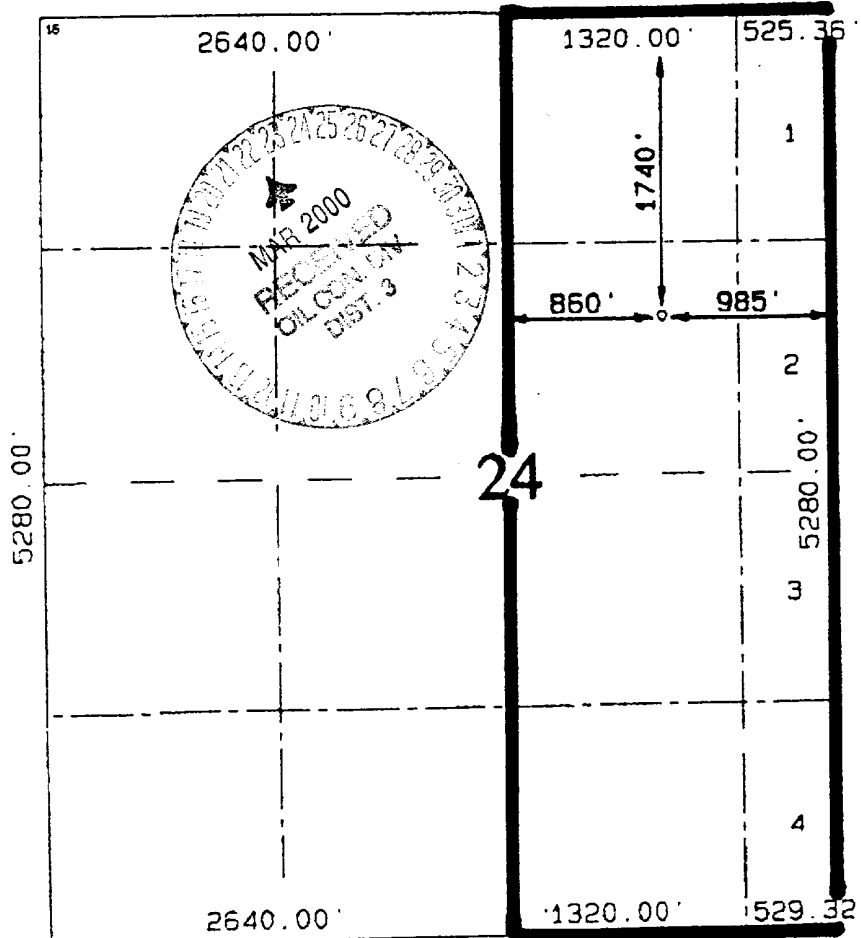
10 Surface Location

UL or lot no	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
G	24	31N	6W		1740	NORTH	985	EAST	RIO ARriba

11 Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
*Dedicated Acres 223.92 E/2		*Joint or Infill I		*Consolidation Code II		*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



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
Steve Nelson
Printed Name
Agent, Nelson Consulting
Title
February 4, 2000
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 are true and correct to the best of my belief.

MARCH 31, 1998
Date of Survey

Signature and Seal of Surveyor

Signature and Seal of Surveyor
Certificate Number

WILLIAMS PRODUCTION COMPANY ROSA UNIT #163

1740' FNL & 985' FEL, SECTION 24, T31N, R6W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

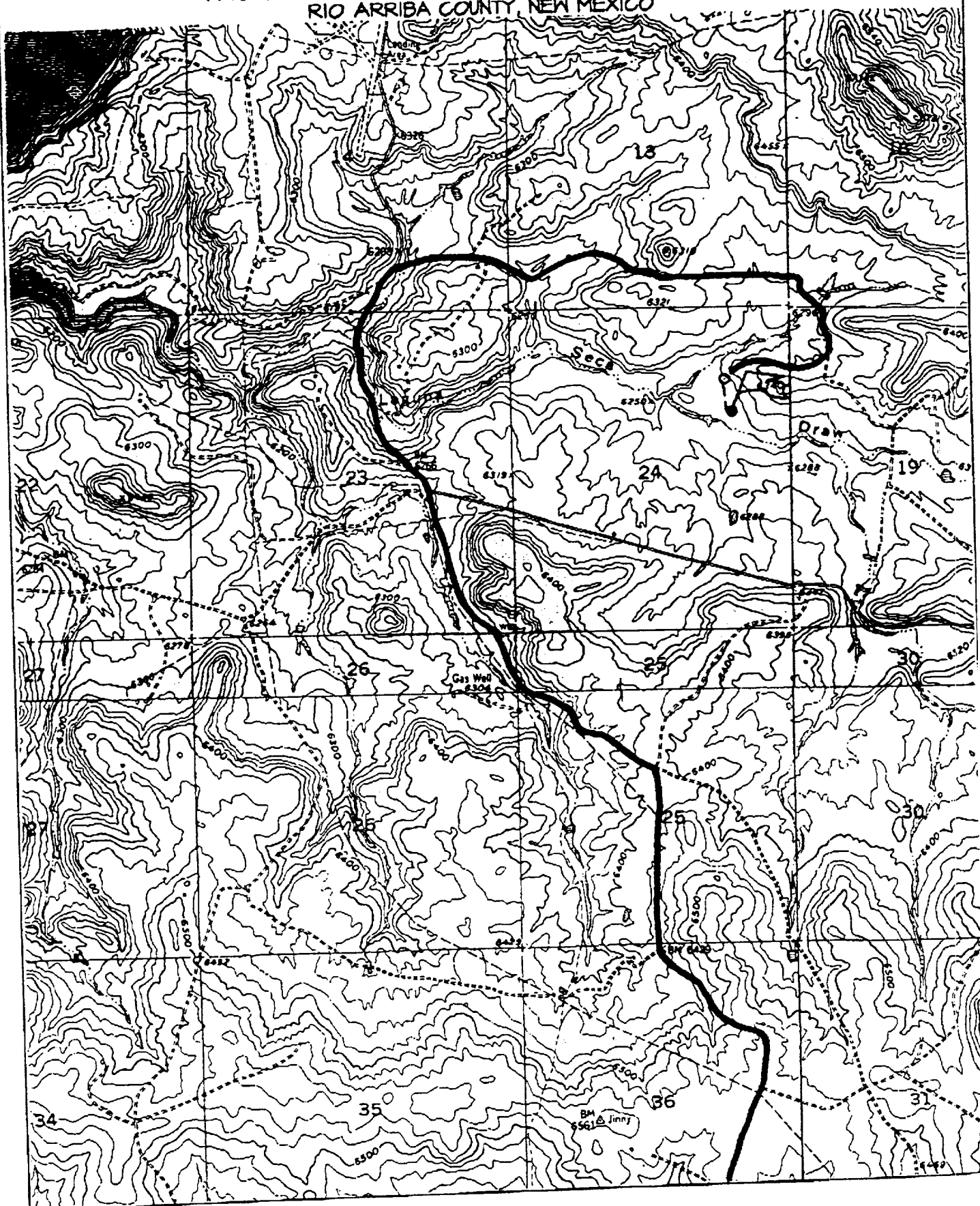
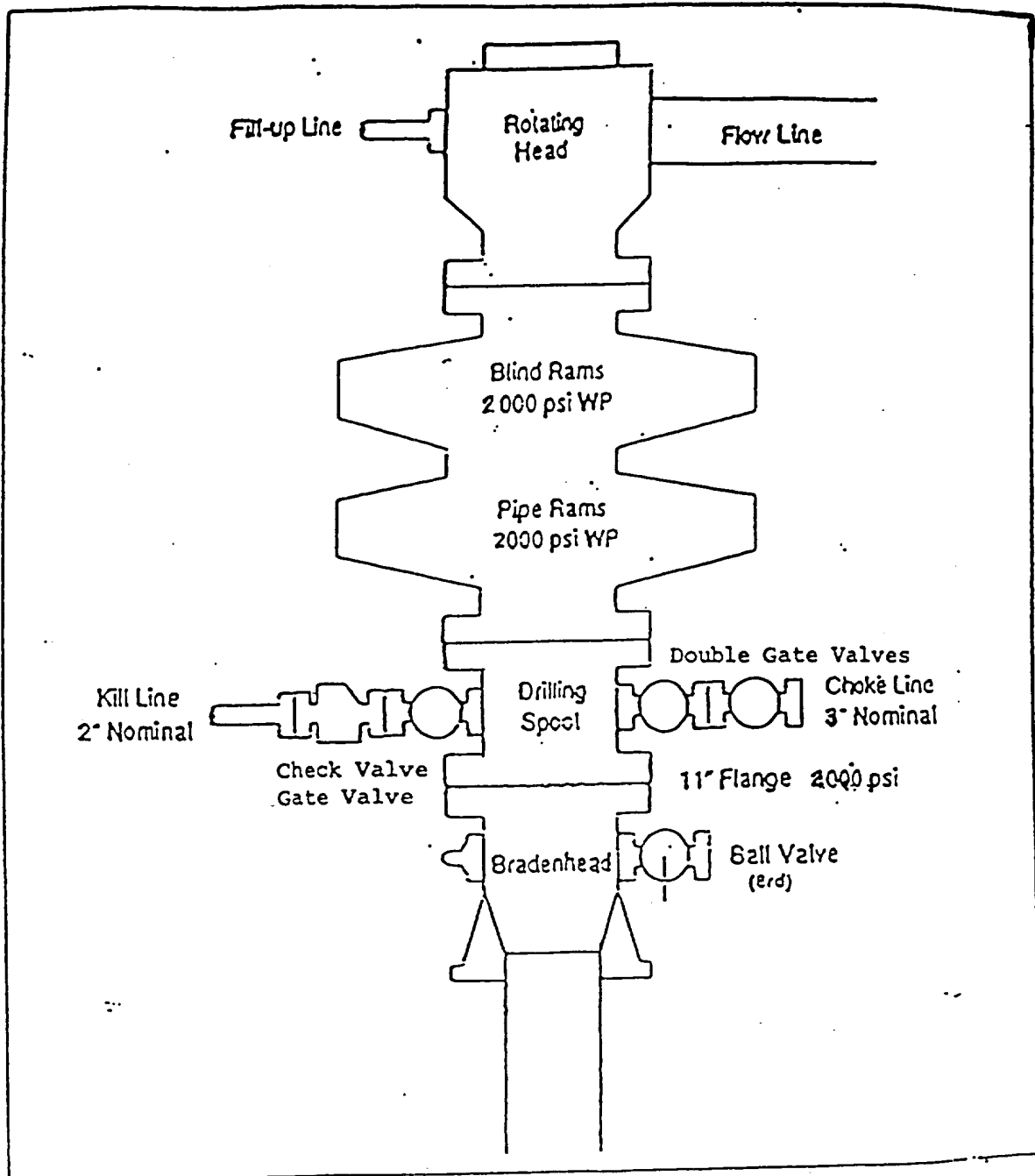


EXHIBIT 1

BOP STACK ARRANGEMENT



All ram type preventers and related equipment will be hydraulically tested at nipple-up and after any use under pressure to 1500 psi. The blind rams will be hydraulically activated and checked for operational readiness each time pipe is pulled out of the hole. All checks of the BOP stack and equipment will be noted on the daily drilling report. The BOP equipment will include a kelly cock with handle, floor safety valve with change overs for each tool joint in the string, and choke manifold all rated to 2000 psi.