

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ROW/APD

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. Type of Work  
 DRILL  DEEPEN   
 b. Type of Well  
 Oil Well  Gas Well  Other  Single Well  Multiple Zone

2. Name of Operator  
 Williams Production Company 120782

3. Address and Telephone No  
 P.O. Box 3102, MS 37-2, Tulsa, OK. 74101

4. Location of Well (Footages)  
 At Surface  
 1385' FNL 1345' FEL, SWNE  
 proposed prod. zone



5. Lease Designation and Serial No  
 SF-078773

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
 Rosa Unit

8. Well Name and No.  
 RU-# 184A

9. API Well No.  
 30-039-26382

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

11. Sec., T., R., M., or BLK. and Survey or Area  
 Section 34, T31N, R5W

14. Distance in Miles and Directions from Nearest Town or Post Office  
 22.1 miles east Navajo Dam Post Office (straight line)

12. County or Parish  
 Rio Arriba

13. State  
 NM

15. Distance from Proposed Location to Nearest Property or Lease Line, Ft  
 1345'

16. No. of Acres in Lease  
 1920 acres

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

18. Distance from Proposed Location to Nearest Well Drilling, Completed, or Applied for, on this Lease, FT  
 183'

19. Proposed Depth  
 6504' KB

20. Rotary or Cable Tools  
 Rotary

21. Elevations (Show whether DF, RT, GR, etc)  
 6757' GR

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'	125 sx-176 cu ft Type III
8-3/4"	7"	20#	4109'	475 sx-993 cu ft Lite 175 sx-241 Cu ft-Type III
6-1/4"	4-1/2"	10.5#	4109' - 6504'	80 sx-114-cuft 185 sx-268cuft Poz/Class H 50/50

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 U.S. Forest Service, Carson National Forest, Jicarilla District Office.** 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 not require a new access road (see Pipeline & Well Plats #3 and #4). The access road will utilize an existing access road for the Rosa Unit Well #269. The proposed 183-foot long pipeline would tie into the Williams Gathering System on the Rosa Unit Well #269 (see the attached Pipeline Plat Map # 4). This proposed well would twin with the Rosa Unit Well #269.

This well is to be drilled in accordance with procedural review procedures of 43 CFR 31.603 and applied pursuant to 43 CFR 31.604.

COPIES OF DOCUMENTS REFERENCED ARE SUBJECT TO FEDERAL ROSTER AND ATTACHED "GENERAL REQUIREMENTS"

APPROVED BY: Steve Nelson Title Agent

COPIES: BLM+4, WELL FILE+1  
 Date February 18, 2000

(This space for Federal or State office use)

Permit No. \_\_\_\_\_ Approval Date \_\_\_\_\_  
 Application approval does not warrant or certify that 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

**/s/ Charlie Beecham**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE MAR 23 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  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

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

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

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

AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26382		*Pool Code 72319	*Pool Name Blanco - MV
*Property Code 17033	*Property Name ROSA UNIT		*Well Number 184A
*OGRID No. 120782	*Operator Name WILLIAMS PRODUCTION COMPANY		*Elevation 6757'

10 Surface Location

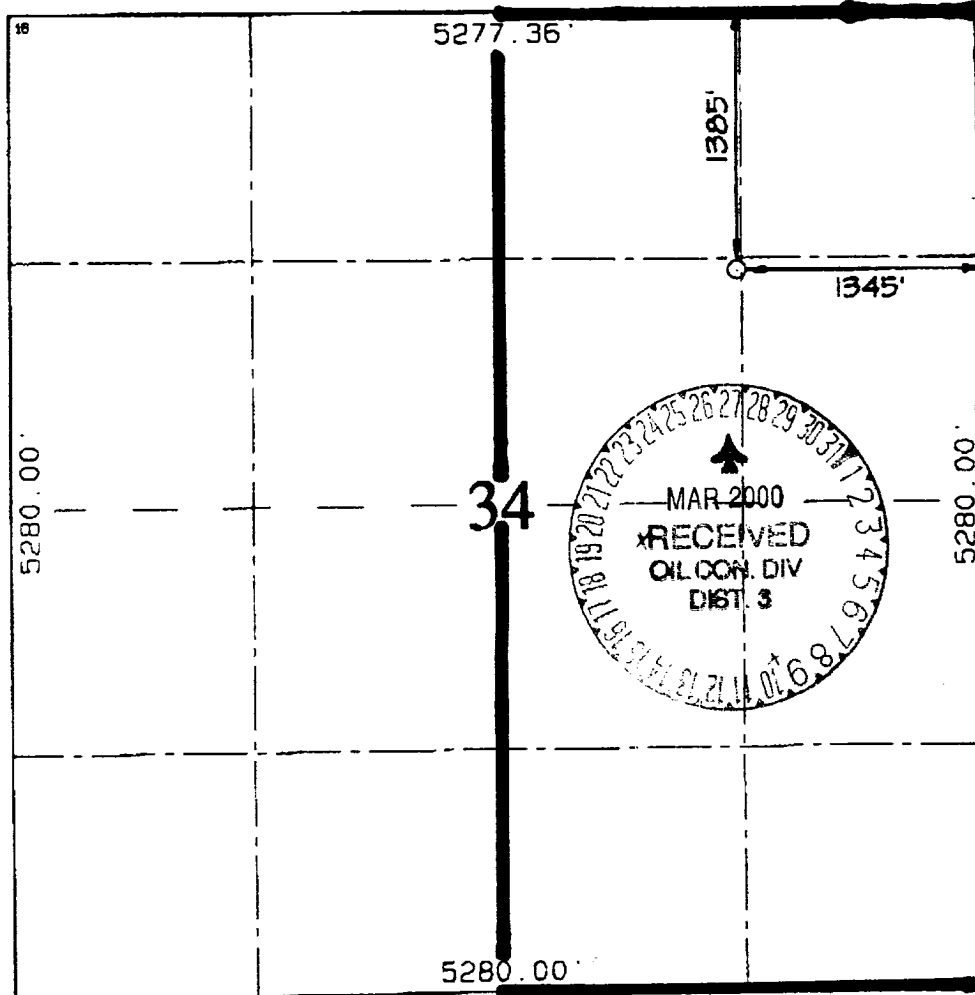
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	34	31N	5W		1385	NORTH	1345	EAST	RIO ARRIBA

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

* Dedicated Acres 320 - E/2	* Joint or Infill I	* Consolidation Code U	* Order No.
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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.

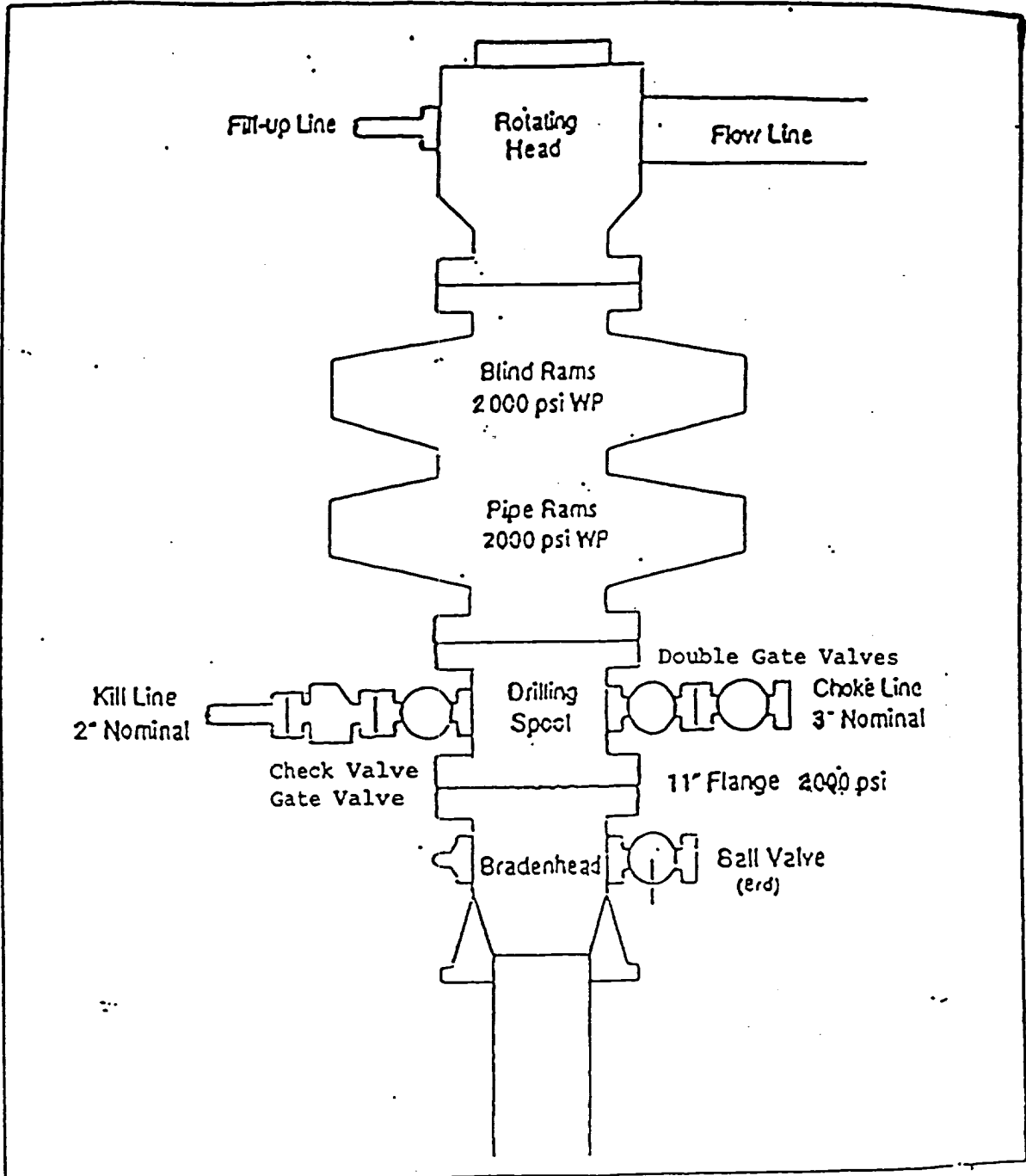
*Steve Nelson*  
Signature  
Steve Nelson  
Printed Name  
Agent, Nelson Consulting  
Title  
February 18, 2000  
Date

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 is true and correct to the best of my belief.

DECEMBER 28, 1999  
Date of Survey  
Signature and Seal  
**NEALE G. EDWARDS**  
NEW MEXICO  
6887  
Certificate No. 6857

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.

WILLIAMS PRODUCTION COMPANY ROSA UNIT #184A  
1385' FNL & 1345' FEL, SECTION 34, T31N, R5W, N.M.P.M.  
RIO ARriba COUNTY, NEW MEXICO

