

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

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

3. Address and Telephone No.

P.O. Box 3102, MS 37-2, Tulsa, OK. 74101

4. Location of Well (Footages)

At Surface

2065' FSL 1210' FWL, NWSW

proposed prod. zone

5. Lease Designation and Serial No.
SF-078769

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Rosa Unit

8. Well Name and No.

RU-# 31A

9. API Well No.

30-039-26346

10. Field and Pool, or Exploratory Area

Blanco - MV

11. Sec., T., R., M., or BLK.
and Survey or Area

Section 17, T31N, R5W

14. Distance in Miles and Directions from Nearest Town or Post Office

20.8 miles northeast Navajo Dam Post Office (straight line)

12. County or Parish
Rio Arriba

13. State
NM

15. Distance from Proposed (Also to nearest drlg. unit line, if any)
Location to Nearest

Property or Lease Line, Ft 1210'

16. No. of Acres in Lease

2560 acres

17. No. of Acres Assigned to This Well

320 acres W/2

18. Distance from Proposed Location

to Nearest Well Drilling, Completed,

or Applied for, on this Lease, FT 375'

19. Proposed Depth

6088' KB

20. Rotary or Cable Tools

Rotary

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

6311' 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'	130 sx-176 cu ft Type III
8-3/4"	7"	20#	3653'	410 sx-859 cu ft Lite 170 sx-238 Cu ft-Type III
6-1/4"	4-1/2"	10.5#	3553' - 6088'	70 sx-135-cuft 110 sx-240cuft 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 location has been surveyed for Cultural Resources by Moore Anthropological Research of Aztec, NM. 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 because it would twin with the Rosa Unit Well #68 (see Pipeline & Well Plats #3 and #4). The access road will turn off an existing road onto the location. The proposed 375-foot long pipeline would tie into the Williams Gathering System on the Rosa Unit Well #68 (see the attached Pipeline Plat Map # 4).

This proposal is subject to the BLM
Procedural Manual, Part 16.43, 2166.3
and appeal pursuant to 43 CFR 3165.4.

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

APPROVED BY: Steve Nelson Title Agent
Signed: [Signature]

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

APPROVED BY: /s/ Charlie Beecham

TITLE _____

DATE _____

MAR 20 2000

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer 00, 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 30-039-26346		*Pool Code 72319	*Pool Name Blanco - MV
*Property Code 17033	*Property Name ROSA UNIT		*Well Number 31A
*OGRID No. 120782	*Operator Name WILLIAMS PRODUCTION COMPANY		*Elevation 6311'

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
L	17	31N	5W		2065	SOUTH	1210	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 W/2	¹³ Joint or Infill I	¹⁴ Consolidation Code U	¹⁵ 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.

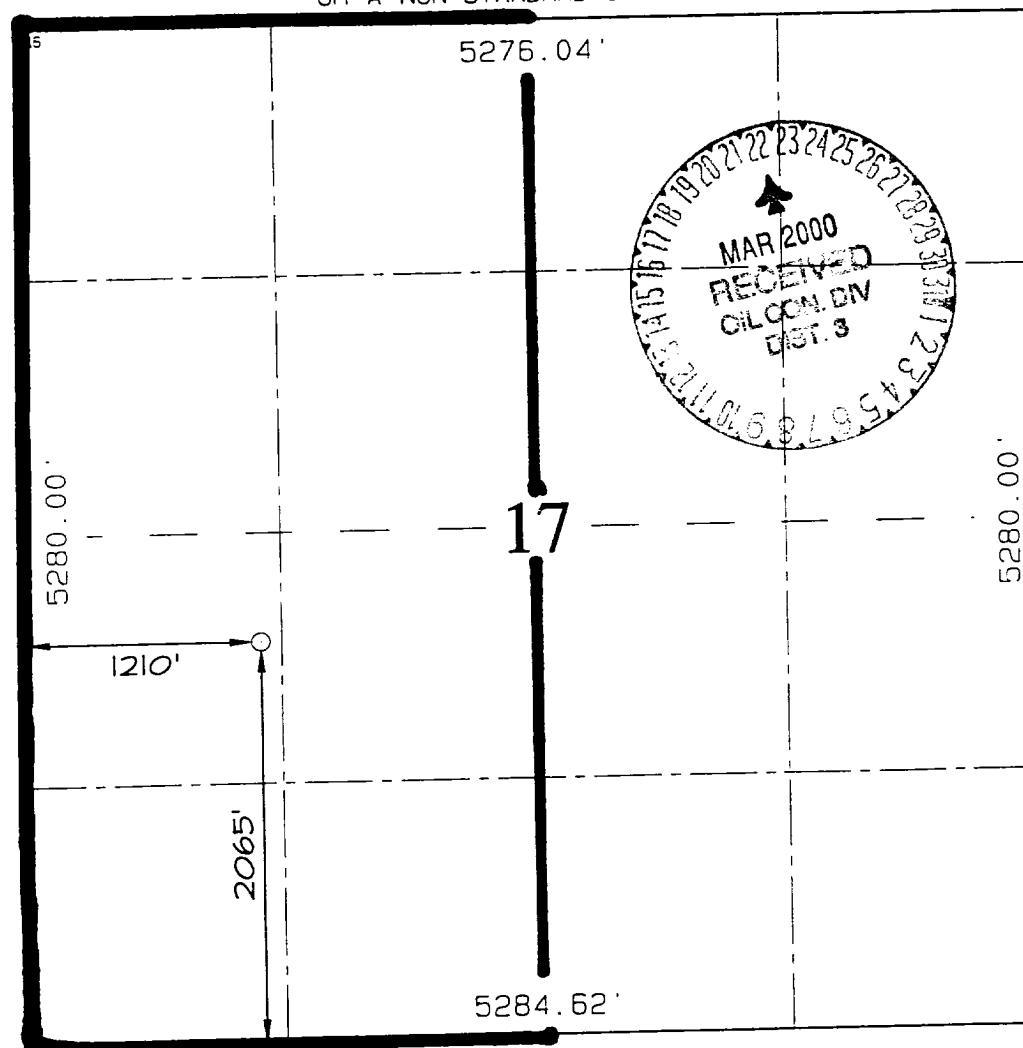
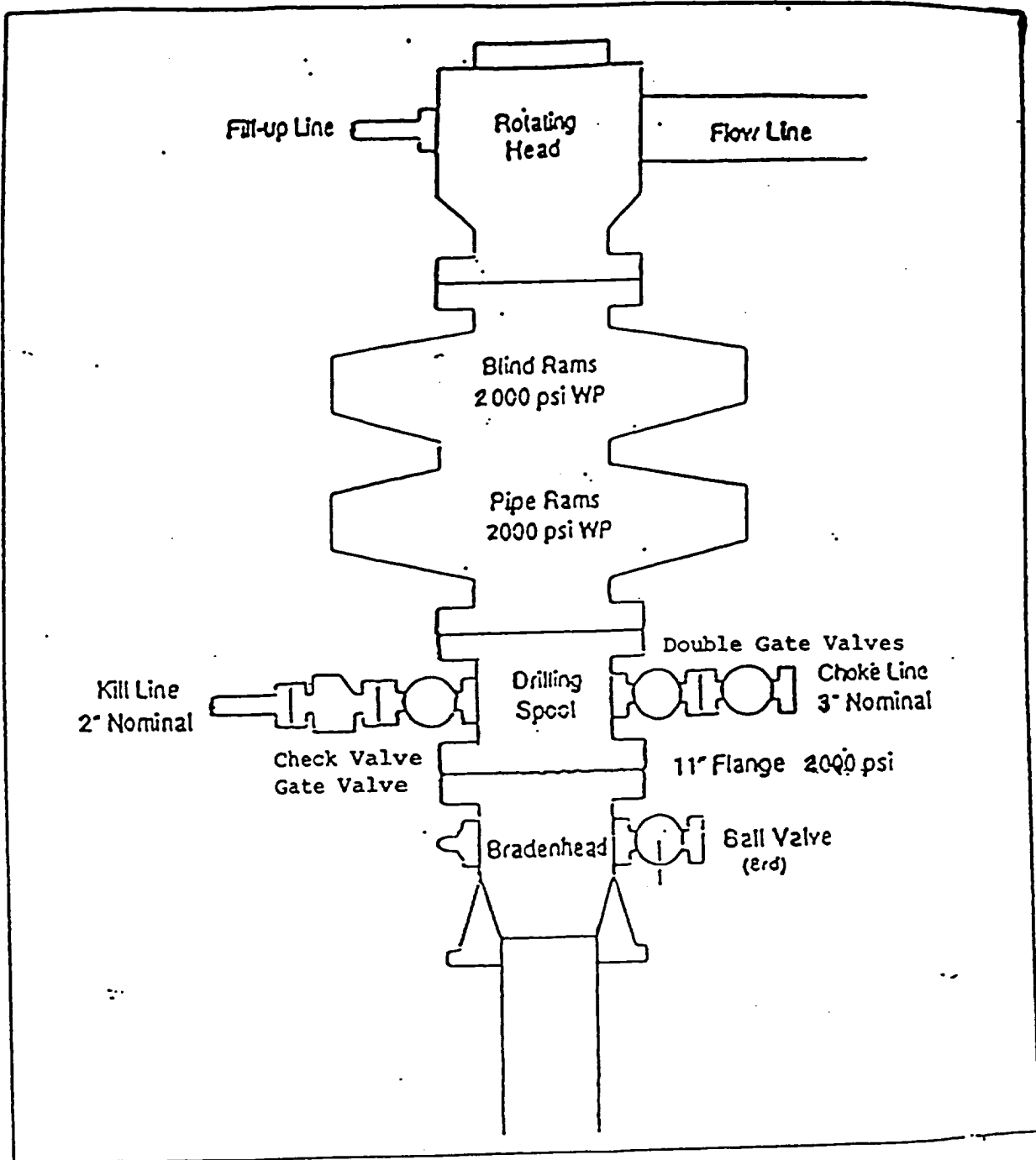
	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Steve Nelson</i></p> <p>Signature</p> <p>Steve Nelson</p> <p>Printed Name</p> <p>Agent, Nelson Consulting</p> <p>Title</p> <p>February 4, 2000</p> <p>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, 1999</p> <p>Date of Survey</p> <p>Signature and Seal</p> <p><i>Neale C. Edwards</i></p> <p>NEALE C. EDWARDS</p> <p>NEW MEXICO</p> <p>6857</p> <p>REGISTERED PROFESSIONAL SURVEYOR</p> <p>Certificate 6857</p>

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 #31A

2065' FSL & 1210' FWL, SECTION 17, T31N, R5W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

