

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 Exploration & Production

3. Address and Telephone No.

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

4. Location of Well (Footages)

At Surface

1080' FNL 1795' FWL (NENW)

At proposed prod. zone

Same

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

20.3 miles East Navajo Dam Post Office (straight line)

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

1080'

16. No. of Acres in Lease

2560 acres

17. No. of Acres Assigned to This Well

320 acres

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

2000'

19. Proposed Depth

5973'

20. Rotary or Cable Tools

Rotary

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

6201' GR

22. Approximate Date Work will Start

April 1, 2000

5. Lease Designation and Serial No.
SF-078769

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Rosa Unit8. Well Name and No.
RU-# 31

9. API Well No.

30-039-26279

10. Field and Pool, or Exploratory Area
Blanco - MV11. Sec., T., R., M., or BLK.
and Survey or Area

Section 17, T31N, R5W

12. County or Parish
Rio Arriba13. State
NM

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#	3533'	395 sx-823 cu ft Lite 170sx-239 Cuft-Type III
6-1/4"	4-1/2"	10.5#	3433' - 5973'	70 sx-150-cuft 110 sx-238cuft 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 location has been surveyed for Cultural Resources by CRMC. 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 be accessed by constructing 25-feet of new access road which ties into an existing road (see plat #4). The proposed 484-foot long pipeline would tie into the Williams Gathering System (see the attached Plat Map # 4).

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

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

APPROVED BY: Steve Nelson Title Agent

COPIES: BLM+4, WELL FILE+1
Date December 16, 1999

(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

WAYNE TOWNSEND

APPROVED BY:

TITLE

Acting Team Lead

DATE

3-10-00

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1008 Rio Bravos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

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

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

RECEIVED
MAIL ROOM

55 FEB 23 PM 12:29

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT, NM

API Number 30-039-26279		Pool Code 72319	Pool Name BLANCO MESA VERDE
Property Code 008480	Property Name 17033 Rosa Unit		Well Number 31
OGRID No. 120782	Operator Name Williams Production Co.		Elevation 6201'

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	17	31 N	5 W		1080	North	1795	West	R.A.

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

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

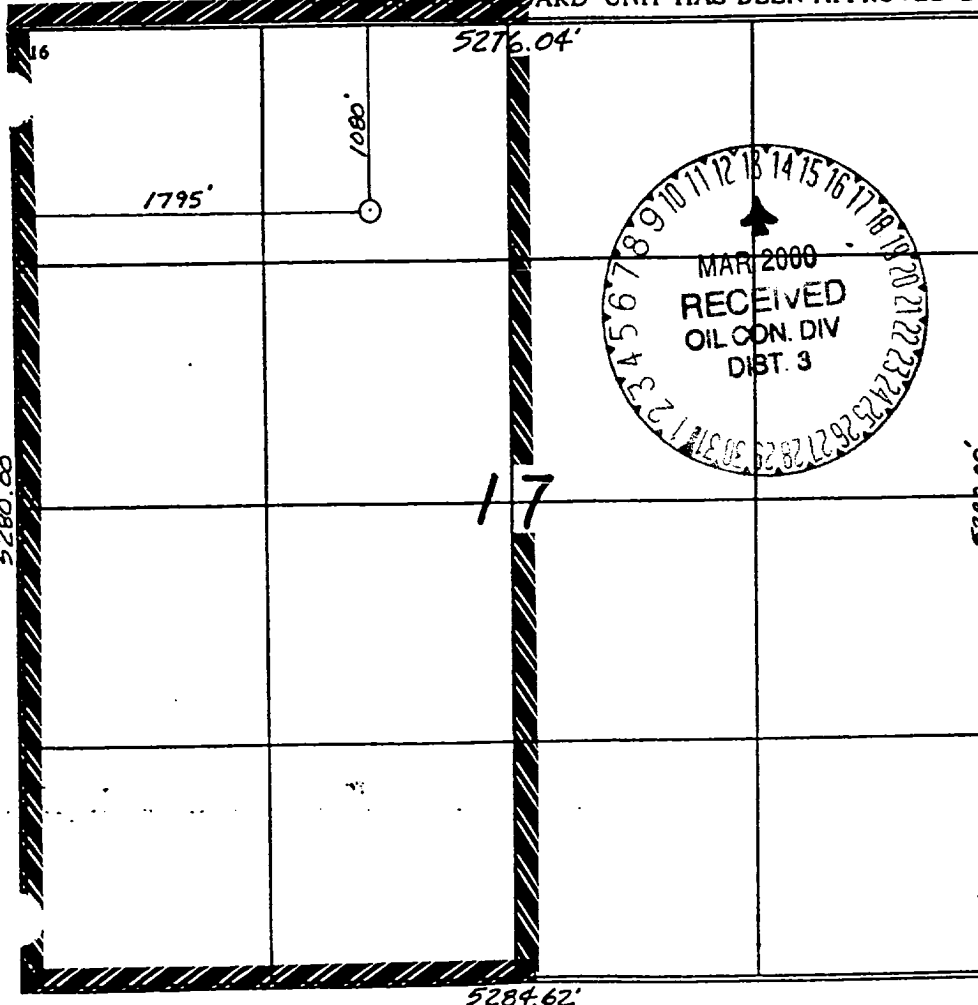
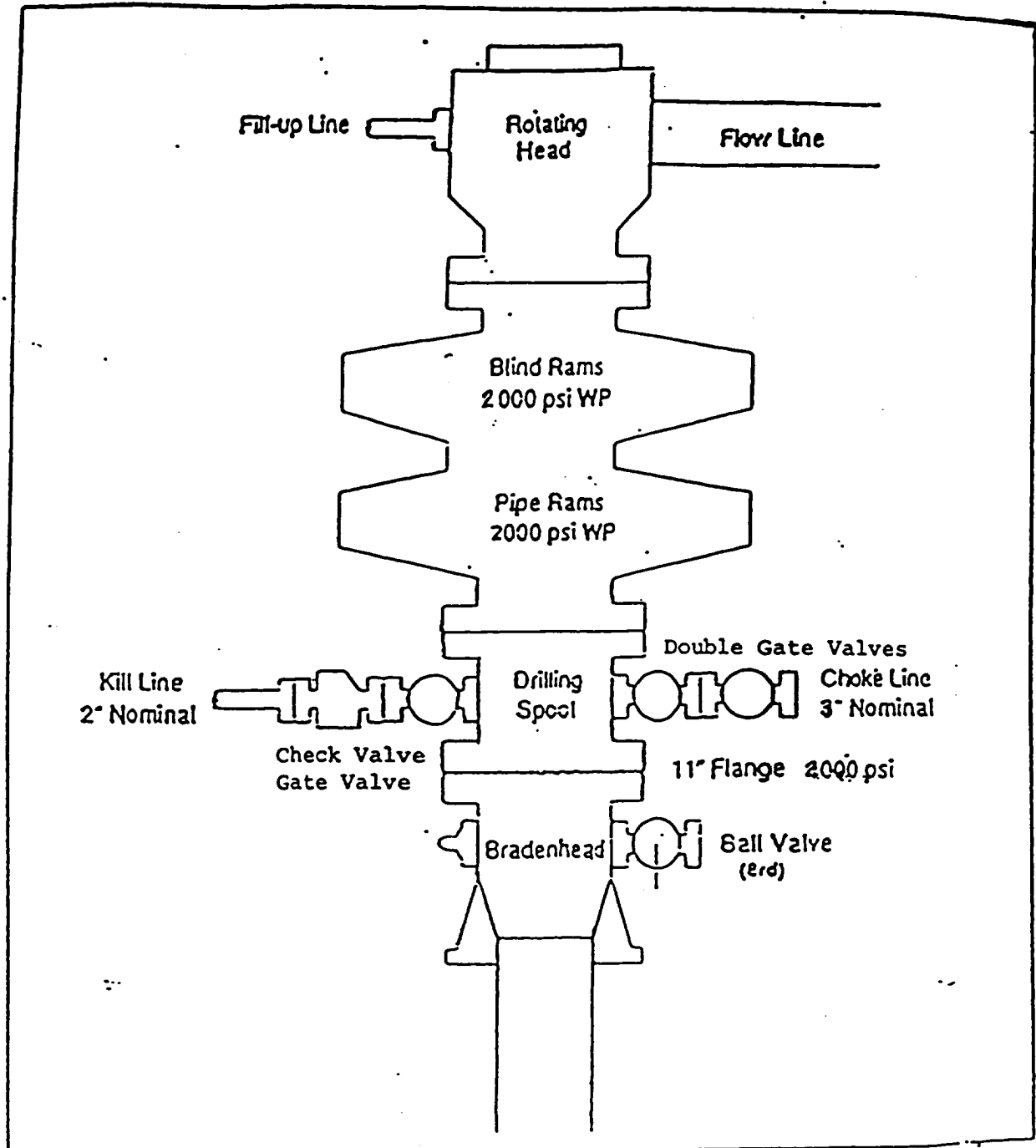
	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Paul C. Thompson SAN</i> Signature Paul C. Thompson, Agent Printed Name President Walsh Engr. & Prod. Corp. Title Date</p>
	<p>18 SURVEYOR 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>11/20/95 Date of Survey <i>NEALE C. EDWARDS</i> Signature and Seal of Professional Surveyor NEALE C. EDWARDS 0857 6852 Certificate Number</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 Exploration & Production
Well Location *Rosa unit #31*
Bancos Mesa, NW USGS Quad

SCALE 1:24000

182 1000 2000 3000 4000 5000 6000 7000 FEET

IGOMEZ RANCH
4357 IV SW
20 MI. TO U.S. 84

25

185 R 6 W R 5 W

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ROAD CLASSIFICATION

1 MILE

1:24,000

USGS

7.5 MINUTE

QUAD

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