

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

1530' FNL 815' FWL

At proposed prod. zone

5. Lease Designation and Serial No.
SF-078764

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Rosa Unit

8. Well Name and No.
RU-# 13A

9. API Well No.

30-039-262-78

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

11. Sec., T., R., M., or BLK.
and Survey or Area
Section 31, T31N, R5W

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

20.3 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 815'

16. No. of Acres in Lease

2507.3 acres

17. No. of Acres Assigned to This Well

232.89 acres N/2

NSV-1695

18. Distance from Proposed Location to Nearest Well Drilling, Completed,

or Applied for, on this Lease, FT 1058'

19. Proposed Depth

6229'

20. Rotary or Cable Tools

Rotary

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

6507' 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#	3819'	435 sx-905 cu ft Lite 175 sx-244 Cu ft-Type III
6-1/4"	4-1/2"	10.5#	3719' - 6229'	70 sx-150-cuft 110 sx-236cuft Lite HS 65/35

Williams Exploration & Production proposes to drill a directional 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 be accessed by an existing two track access road of which 800-feet would have to be improved (see plats #3 & #4). The proposed 1392-foot long pipeline would tie into the Williams A-49 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"

8. ABOVE PARTIES DESCRIBE PROPOSED PROGRAM. 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 January 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 interests in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any:

APPROVED BY:

/s/ Charlie Beecham

TITLE

DATE

MAR 2 2000

District 1
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 11
PO Box 1100, Artesia, NM 88211-0719

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

District 11
1000 N. Brazos Rd., Aztec, NM 87410

District 14
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26298	*Pool Code	*Pool Name Blanco MV
*Property Code 17033	*Property Name ROSA UNIT	*Well Number 13A
*Lease No. 120782	*Operator Name WILLIAMS PRODUCTION COMPANY	*Elevation 6509

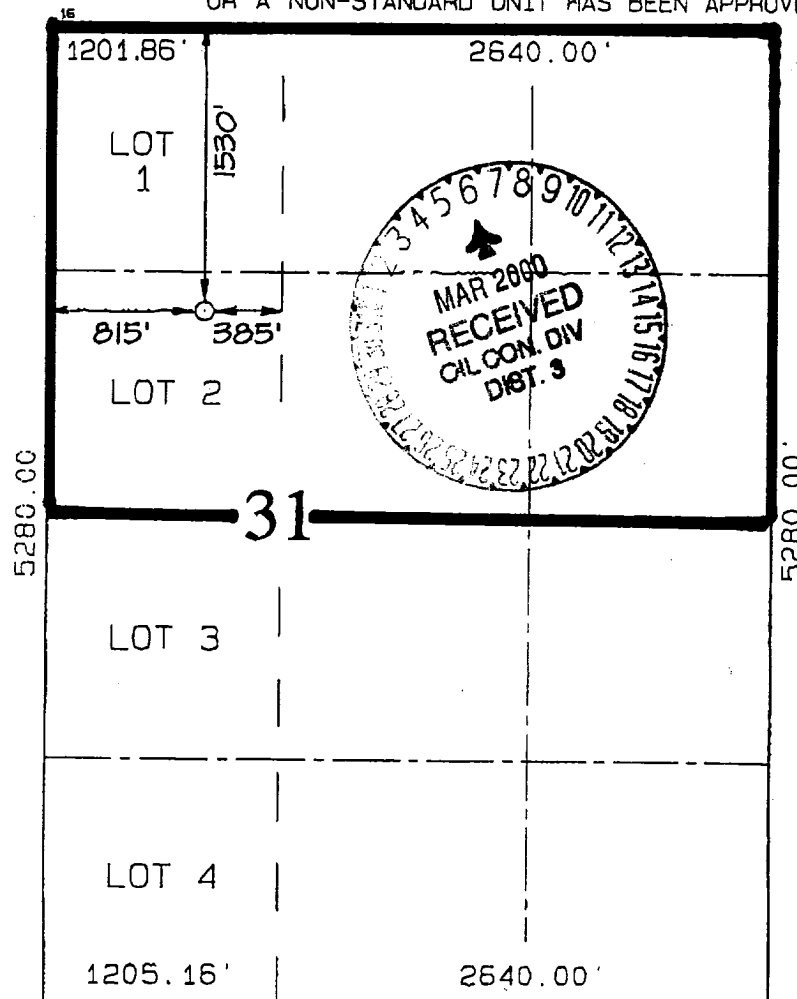
10 Surface Location

Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
31	31N	5W		1530	NORTH	815	WEST	RIO ARriba

11 Bottom Hole Location If Different From Surface

Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

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, Inc
Title

January 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 is true and correct to the best of my belief.

NOVEMBER 29, 1999

Date of Survey

Signature and Seal of Surveyor

Neale G. Edwards
NEALE G. EDWARDS
NEW MEXICO
6857
Certificate 6857

WILLIAMS PRODUCTION COMPANY ROSA UNIT #13A

1530' FNL & 815' FNL, SECTION 31, T31N, R5W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

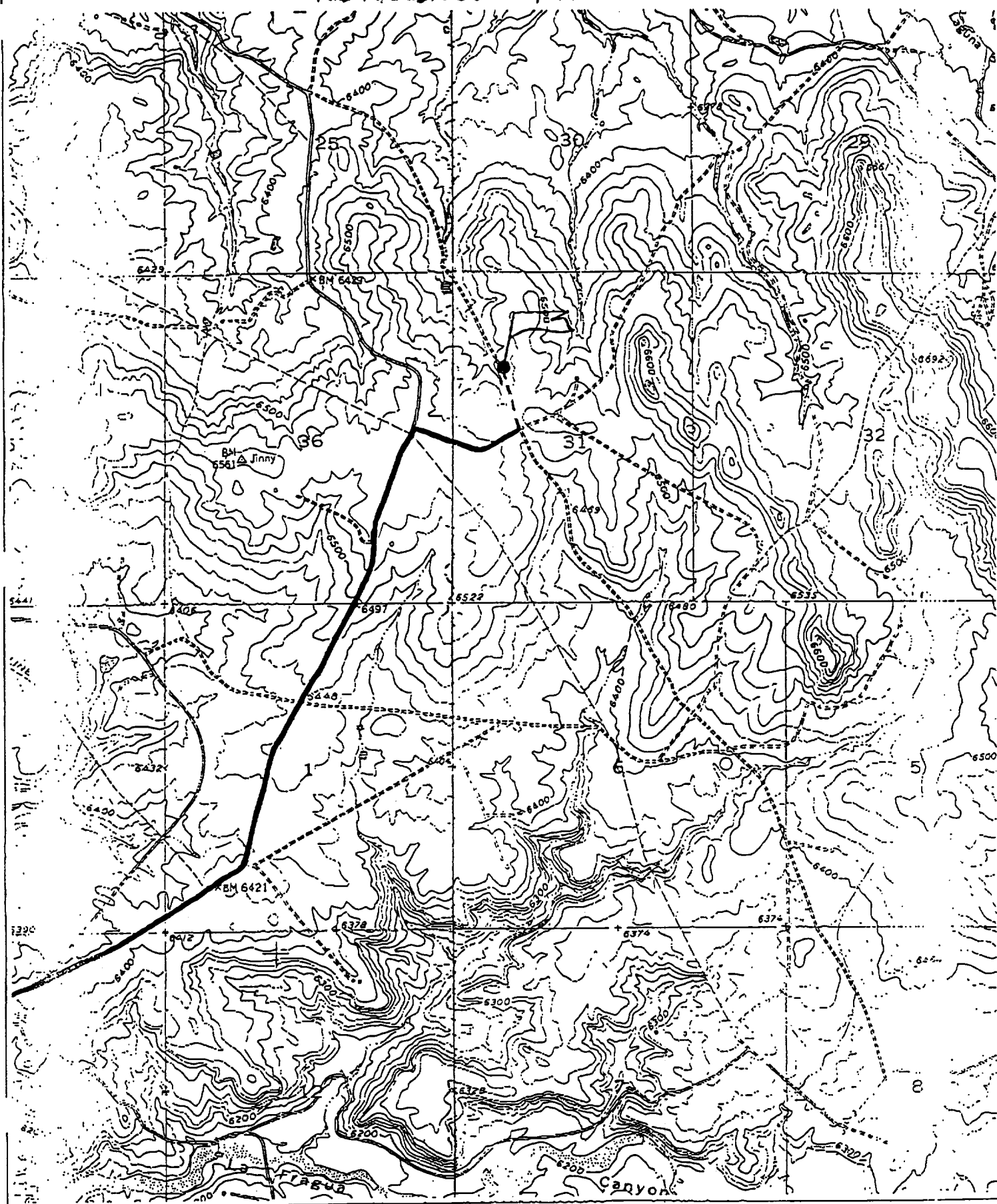
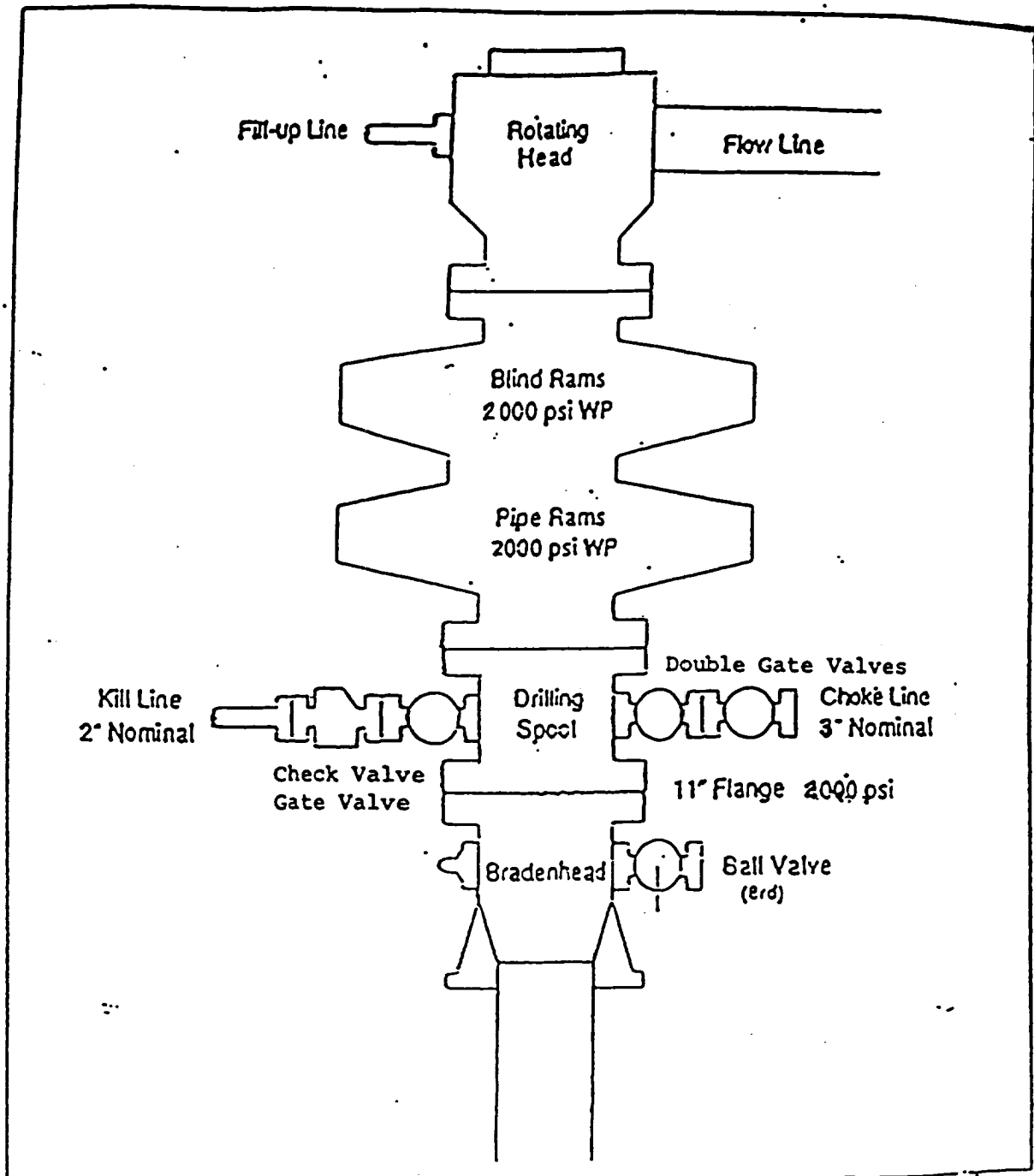


EXHIBIT 1

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.