

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

1830' FNL 1570' FEL, SWNE Surface location

1340' FNL 660' FWL, Lot 2 Bottom Hole location

1541 780
proposed prod. zone

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.

171A

9. API Well No.

30-039-26389

10. Field and Pool, or Exploratory Area

Blanco - MV

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

Section 7, T31N, R5W

12. County or Parish

Rio Arriba

13. State

NM

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

Approximately 20.8 miles northeast of Navajo Dam Post Office (straight line)

15. Distance from Proposed Location to Nearest

Property or Lease Line, Ft 660'

16. No. of Acres in Lease

2518.04 acres

17. No. of Acres Assigned to This Well

231.86 acres N/2

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

137'

19. Proposed Depth

6038' KB Jvd

20. Rotary or Cable Tools

Rotary

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

6266' 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#	300'	150 sx-211 cu ft Type III
8-3/4"	7" ✓	20#	3857'	430 sx-899 cu ft Lite 190 sx-261 Cu ft-Type III
6-1/4"	4-1/2" ✓	10.5#	3757' - 6375' Jd	80 sx-114-cuft 240 sx-343cuft Poz/Class H 50/50

Williams Exploration & Production proposes to drill a directional well to develop the Blanco - 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 Bureau of Reclamation. 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 on lease rights-of-way. This well would utilize the existing access road for the Rosa Unit Well #228 (see Pipeline & Well Plats #3 and #4). The proposed 138-foot long pipeline would tie into the Williams Gathering System on the Rosa Unit Well #228 (see the attached Pipeline Plat Map # 4). The proposed well would be twinned with the Rosa Unit Well #228.

1. I, the undersigned, hereby certify that the information furnished herein is true and correct to the best of my knowledge and belief.

DRILLING OPERATIONS ARE SUBJECT TO THE FOLLOWING ATTACHED "GENERAL REQUIREMENTS"

2. I hereby certify that the information furnished herein is true and correct to the best of my knowledge and belief. 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 24, 2000

(This space for Federal or State office use)

Permit No.

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:

1st Charlie Beecham

Approval Date

APR 26 2000

APPROVED BY:

TITLE

DATE

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 26389		*Pool Code 72319	*Pool Name Blanco - MV
*Property Code 17033	*Property Name ROSA UNIT		*Well Number 171A
*GRID No. 120782	*Operator Name WILLIAMS PRODUCTION COMPANY		*Elevation 6266'

10 Surface Location

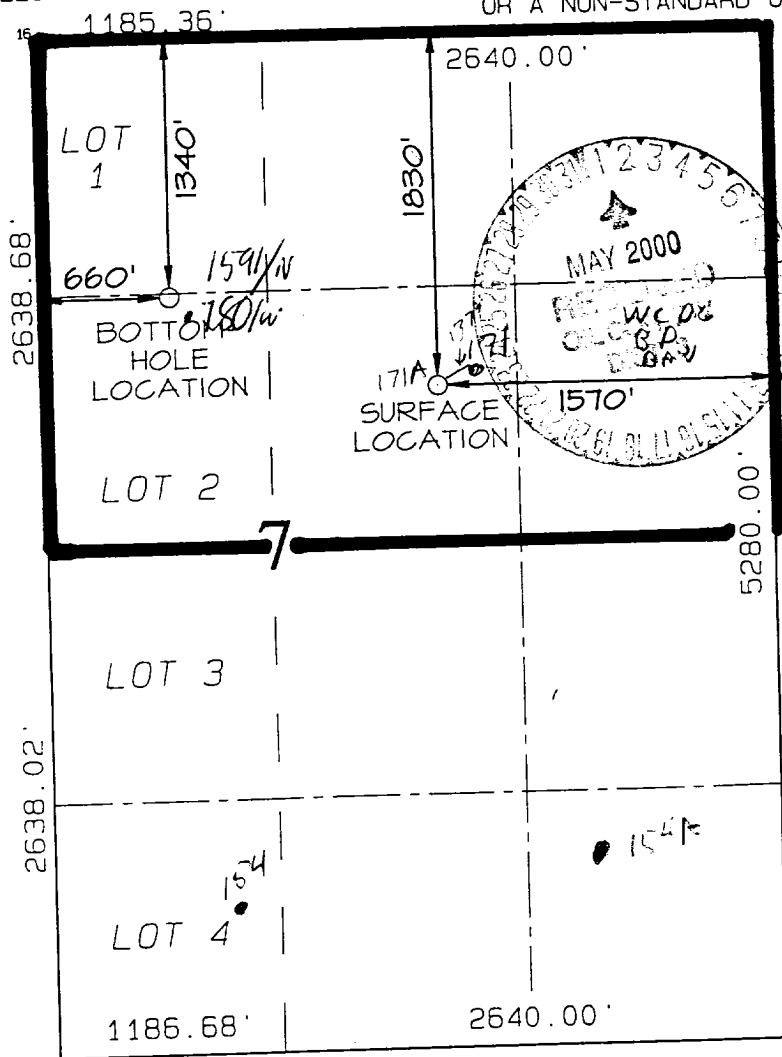
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	7	31N	5W		1830	NORTH	1570	EAST	RIO ARriba

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
F	7	31N	5W		1340 1541	NORTH	660 780	WEST	RIO ARriba

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
231.86 N/2	I	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



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 24, 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 16, 1999
Date of Survey

Neale C. Edwards
Signature and Seal

NEALE C. EDWARDS
NEW MEXICO
6857
Professional Surveyor
Certificate Number 6857

WILLIAMS PRODUCTION COMPANY ROSA UNIT #171A

1830' FNL & 1570' FEL, SECTION 7, T31N, R5W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

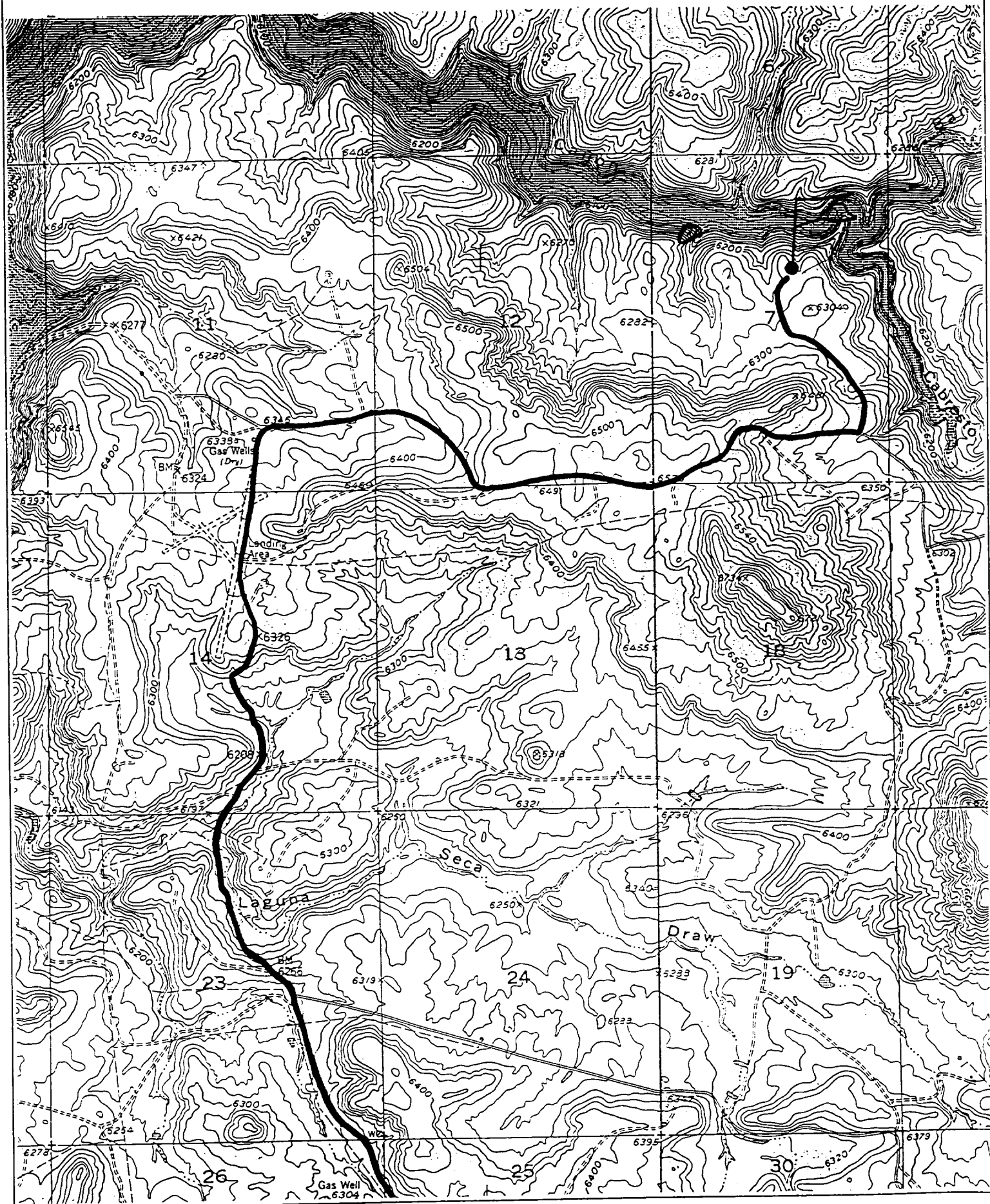
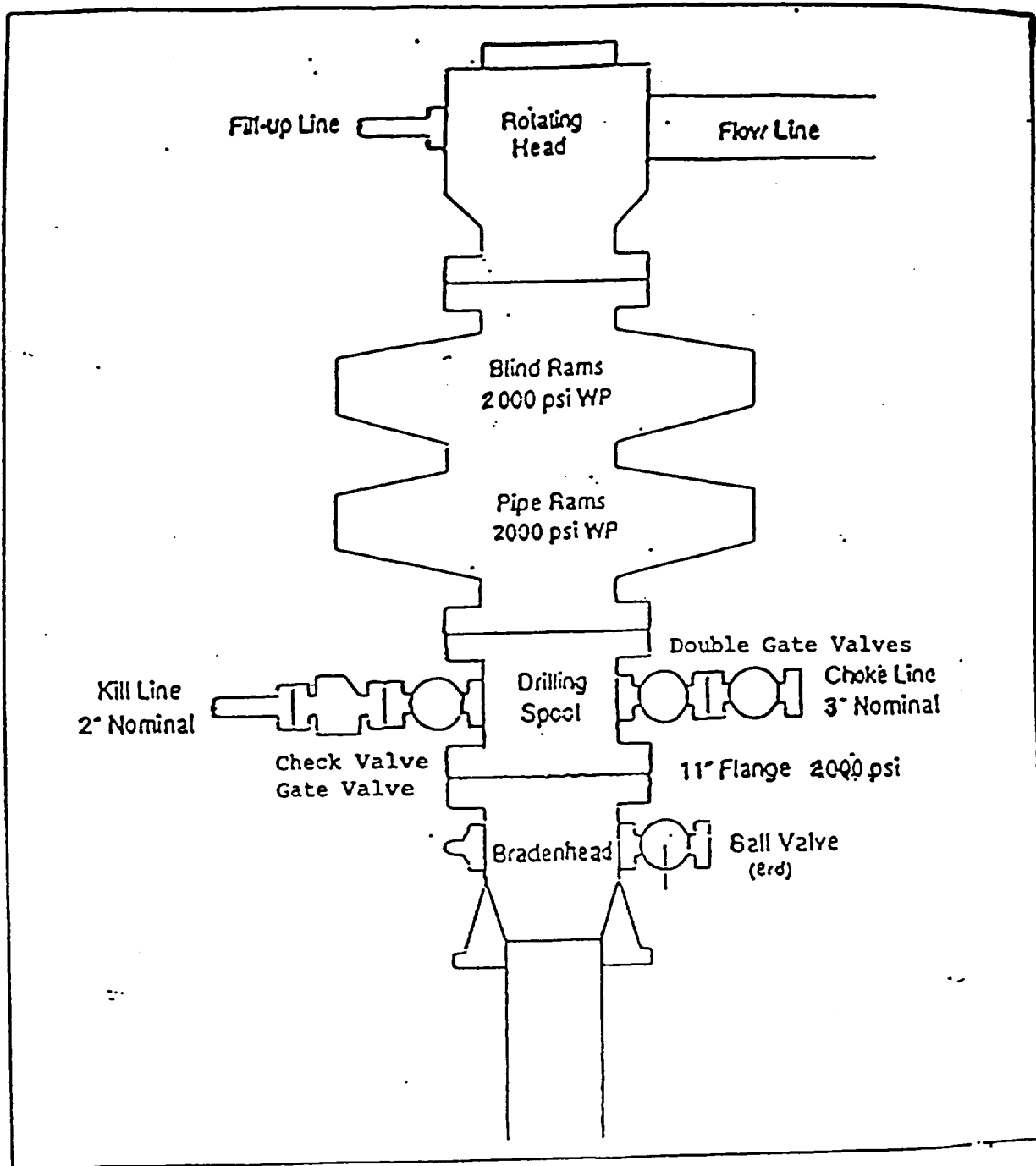


EXHIBIT 1

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.