

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 ☒

DEEPEEN ☐

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

785' FSL 855' FWL

proposed prod. zone

5. Lease Designation and Serial No
SF-078770

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Rosa Unit

8. Well Name and No.

#6Y
Rosa Unit

9. API Well No.

30-039-26399

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

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

Section 27, T31N, R5W

12. County or Parish
Rio Arriba

13. State
NM

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

Approximately 22.3 miles east of Navajo Dam Post Office (straight line)

15. Distance from Proposed Location to Nearest

Property or Lease Line, Ft 785'

16. No. of Acres in Lease

2560. acres

17. No. of Acres Assigned to This Well

320. acres S/2

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

120'

19. Proposed Depth

6557' KB

20. Rotary or Cable Tools
**DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
GENERAL REQUIREMENTS**

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

6785' GR

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.5
PROPOSED DRILLING AND CEMENTING PROGRAM

April 1, 2000

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#	4157'	480 sx-1008 cu ft Lite 65/35 175 sx-242 Cu ft-Type III
6-1/4"	4-1/2"	10.5#	4057' - 6557'	80 sx-116-cuft 185 sx-269cuft Poz/Class H 50/50

Williams Exploration & Production proposes to drill a vertical well to develop the Blanco - Mesa Verde Formation in the described location above, and 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.** Independent Contract Archaeology has surveyed the proposed location for Cultural Resources, and the report has been submitted to the Forest Service for review.

This APD also is serving as an application to obtain an on-lease right-of-way from the Forest Service for the road and pipeline. This well would utilize an existing access road for the Rosa Unit Well #112Y and would not require a new access road (see Pipeline & Well Plats #3 and #4). The proposed 121-foot long pipeline would tie into Williams Gathering System on the Rosa Unit Well #112Y (see the attached Pipeline Plat Map # 4).

24. Above and below the 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 March 6, 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

APPROVED BY:

TITLE

Approval Date

DATE

Form C-102
Revised February 21, 1994
Instructions on back
appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

Santa Fe, NM 87504-2088

AMENDED REPORT

15

5278.68'

5280.00'

27

855'

785'

5277.36'

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

March 6, 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.

JANUARY 27, 2000

Date of Survey

Neale C. Edwards

Signature and Seal

NEALE C. EDWARDS
NEW MEXICO
6857
REGISTERED PROFESSIONAL SURVEYOR

Certificate Number 6857

WILLIAMS PRODUCTION COMPANY ROSA UNIT #6Y

785' FSL & 855' FWL, SECTION 27, T31N, R5W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

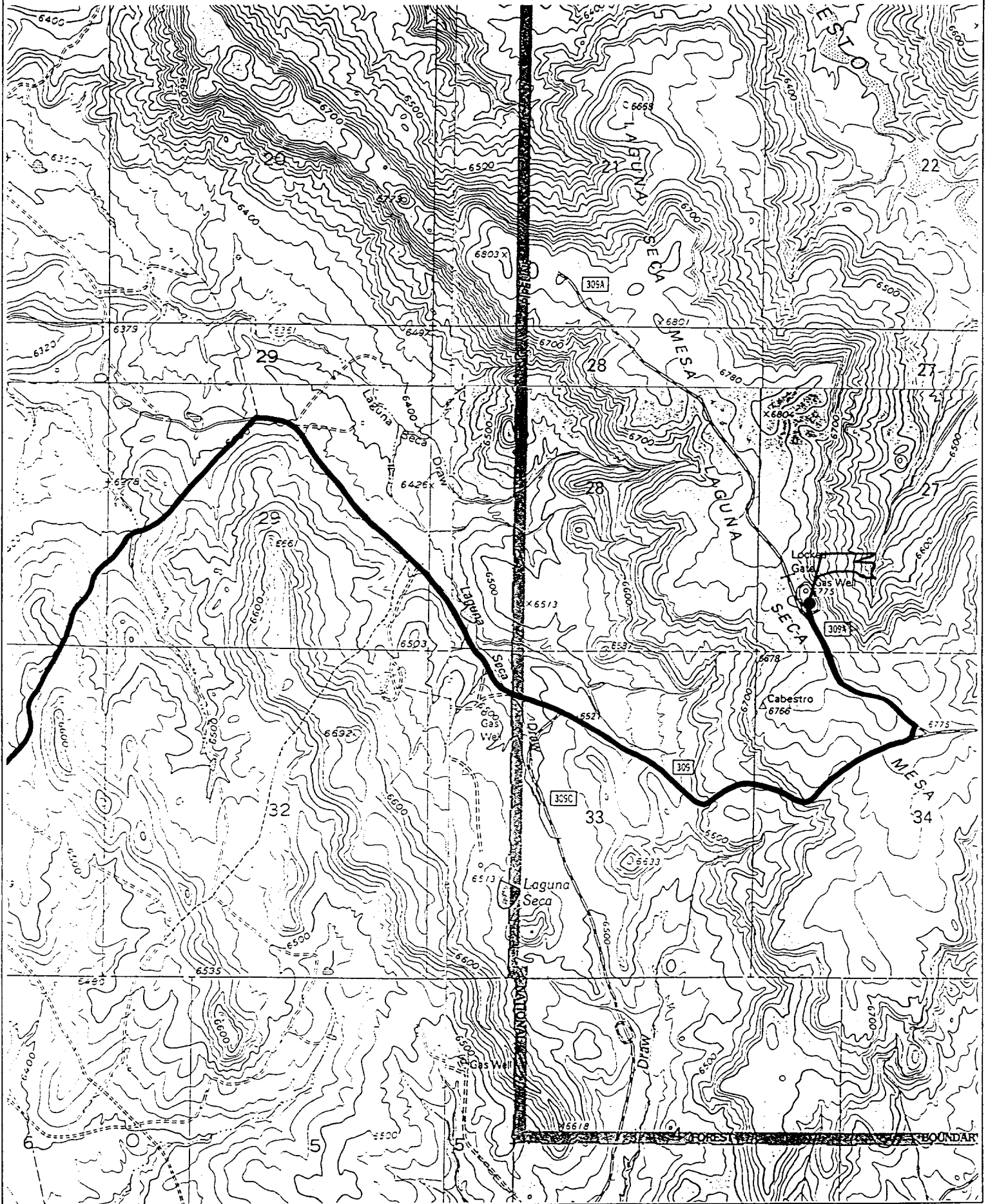
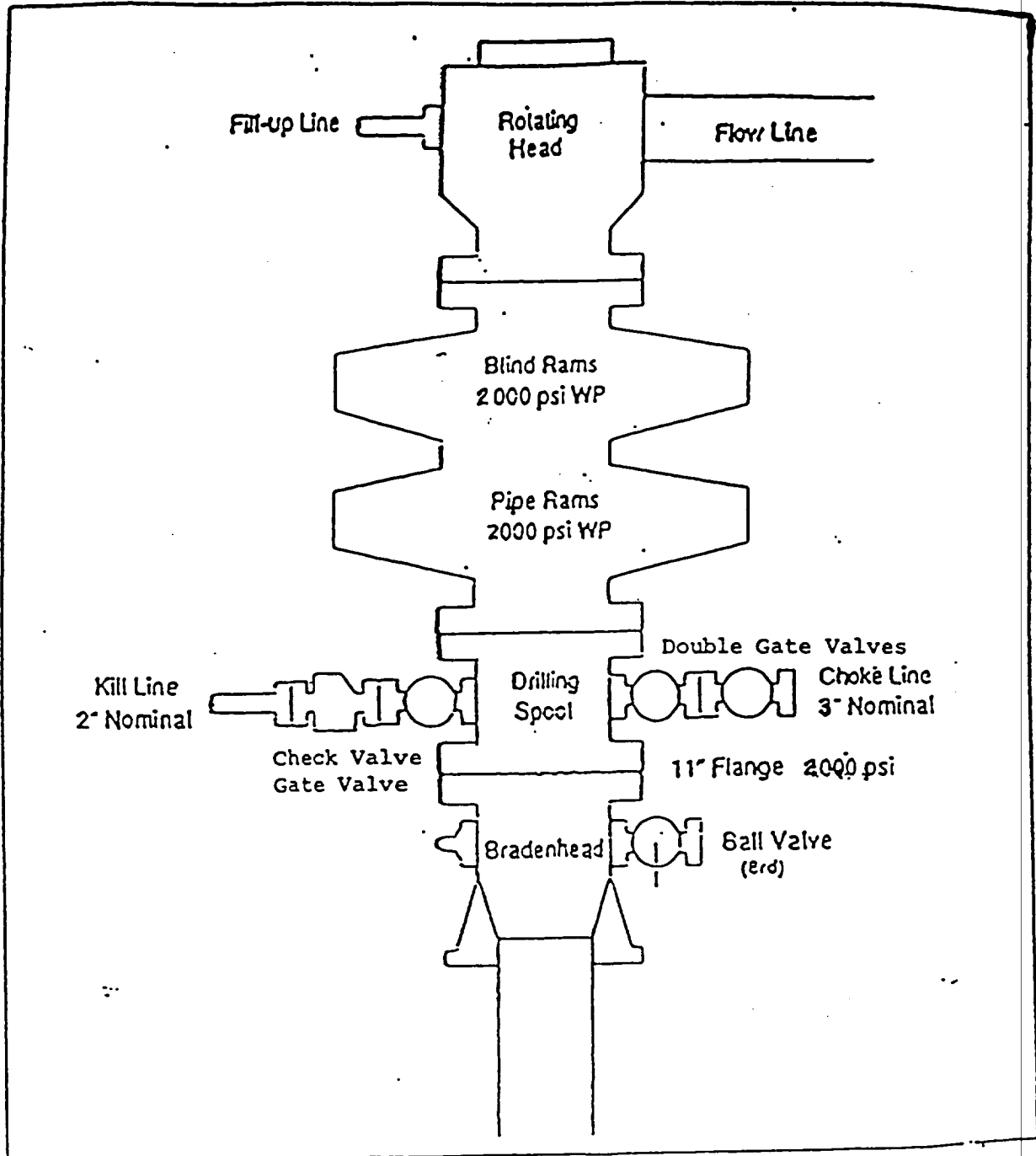


EXHIBIT 1

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.