

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 15 1999

FORM APPROVED
Budget Bureau No. 1004-0136
Expires: February 28, 1995

ROW/APD

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 CO.

3. Address and Telephone No

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

4. Location of Well (Footages)

At Surface

910' FSL 790' FWL (SWSW)

At proposed prod. zone

Same

5. Lease Designation and Serial No.

SF-078772 64

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Rosa Unit

8. Well Name and No.

RU-# 159A

9. API Well No.

30-039-26273

10. Field and Pool, or Explotary Area

Blanco - MV

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

N Section 19, T31N, R5W

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

20.2 miles NE Navajo Dam Post Office (straight line)

15. Distance from Proposed Location to Nearest

Property or Lease Line, Ft 790'

16. No. of Acres in Lease

2561.86 acres

17. No. of Acres Assigned to This Well

232.43 acres S/2

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

or Applied for, on this Lease, FT 500'

19. Proposed Depth

6074'

20. Rotary or Cable Tools

Rotary

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

6307' 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#	3649'	405 sx-850 cu ft Lite 65/35
6-1/4"	4-1/2"	10.5#	3549' - 6074'	70 sx-150-cuft 110 sx-247cuft

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. Copies have 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 74-feet of new access road (see plat #4). The proposed 210' pipeline would tie into the Williams Exploration & Production 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"

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal to deepen, give present productive zone and proposed new productive zone

COPIES: BLM+4, WELL FILE+1

2c. I hereby certify that the foregoing is true and correct

Signed

Steve Nelson

Title Agent

Date December 14, 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:

APPROVED BY:

/s/ Charlie Beecham

TITLE

DATE

MAR 20 2000

OK C/P

Nelson

AUG-04-1999 15:07
PO Box 1980, Hobbs, NM 88241-1980

WILLIAMS
Energy, Minerals & Natural Resources Department

505 632 4850 P.13/15

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

District II
PO Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

PO Box 2088

Santa Fe, NM 87504-2088

1999 DEC 15 AM 9:00

☐ AMENDED REPORT

District III
1000 Rio Brazos Rd., Aztec, NM 87410

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30039-26273		*Pool Code	*Pool Name
*Property Code 17033	*Property Name ROSA UNIT		*Well Number 159A
*OGAID No. 120782	*Operator Name WILLIAMS PRODUCTION COMPANY		*Elevation 6307'

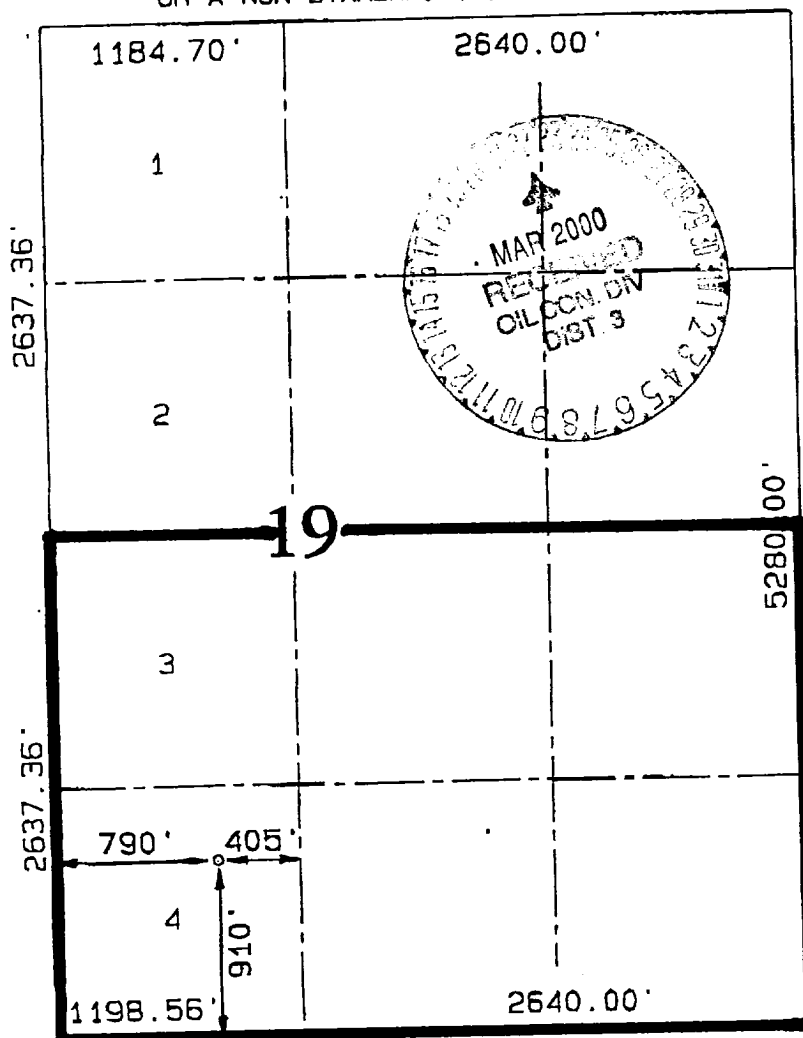
10 Surface Location

UL or lot no	Section	Township	Range	Lot 101	Feet from the	North/South line	Feet from the	East/West line	County
N	19	31N	5W		910	SOUTH	790	WEST	RIO ARriba

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 101	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 232.43		13 Joint or Infill		14 Consolidation Code		15 Order No.			

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



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

December 14, 1999
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.

MARCH 26, 1998

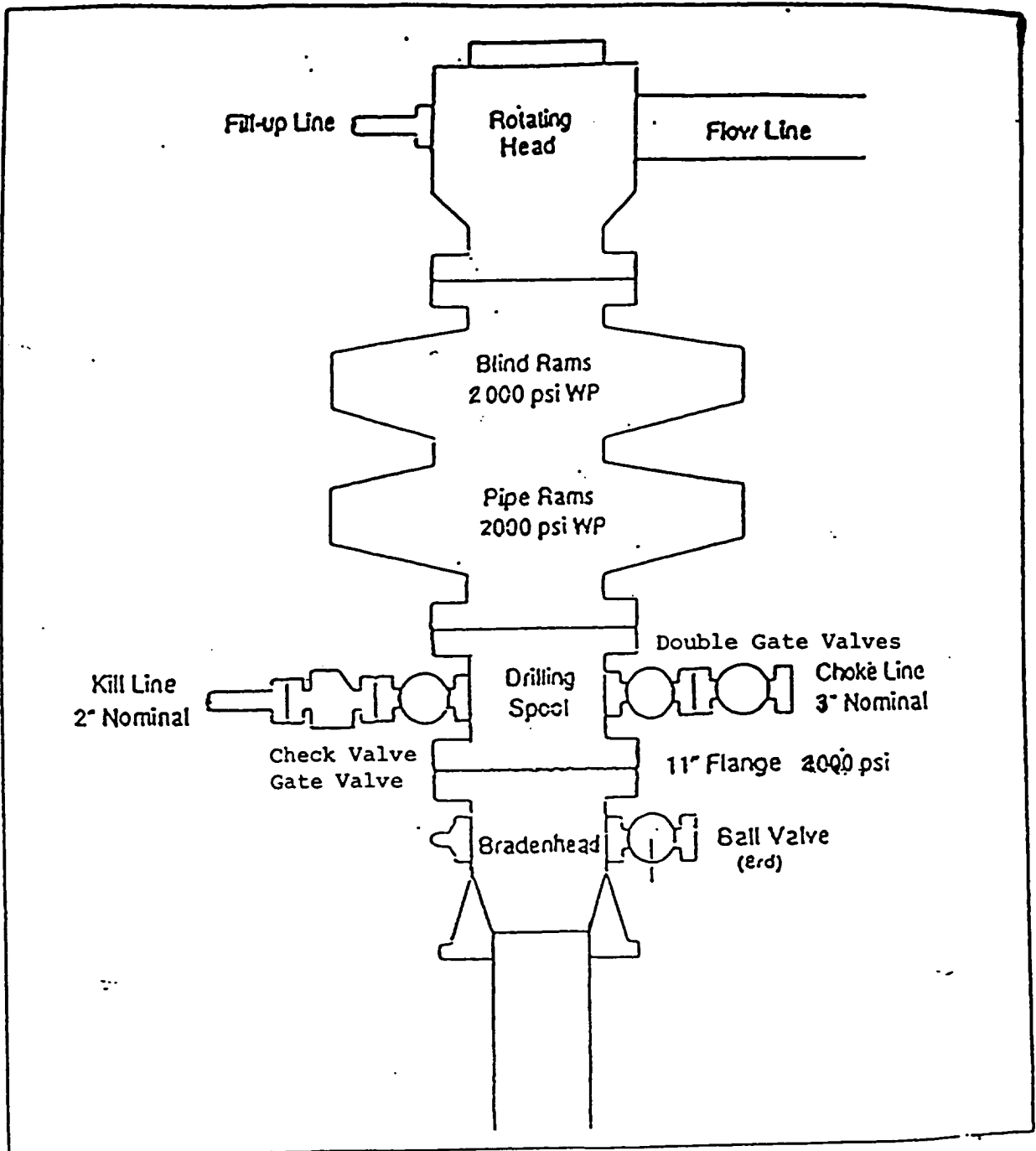
Date of Survey

Signature and Seal of Registered Surveyor

NEALE C. EDWARDS
NEW MEXICO
6857
Professional Surveyor
Certificate Number

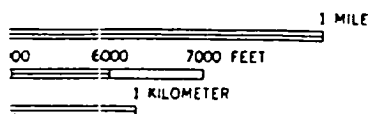
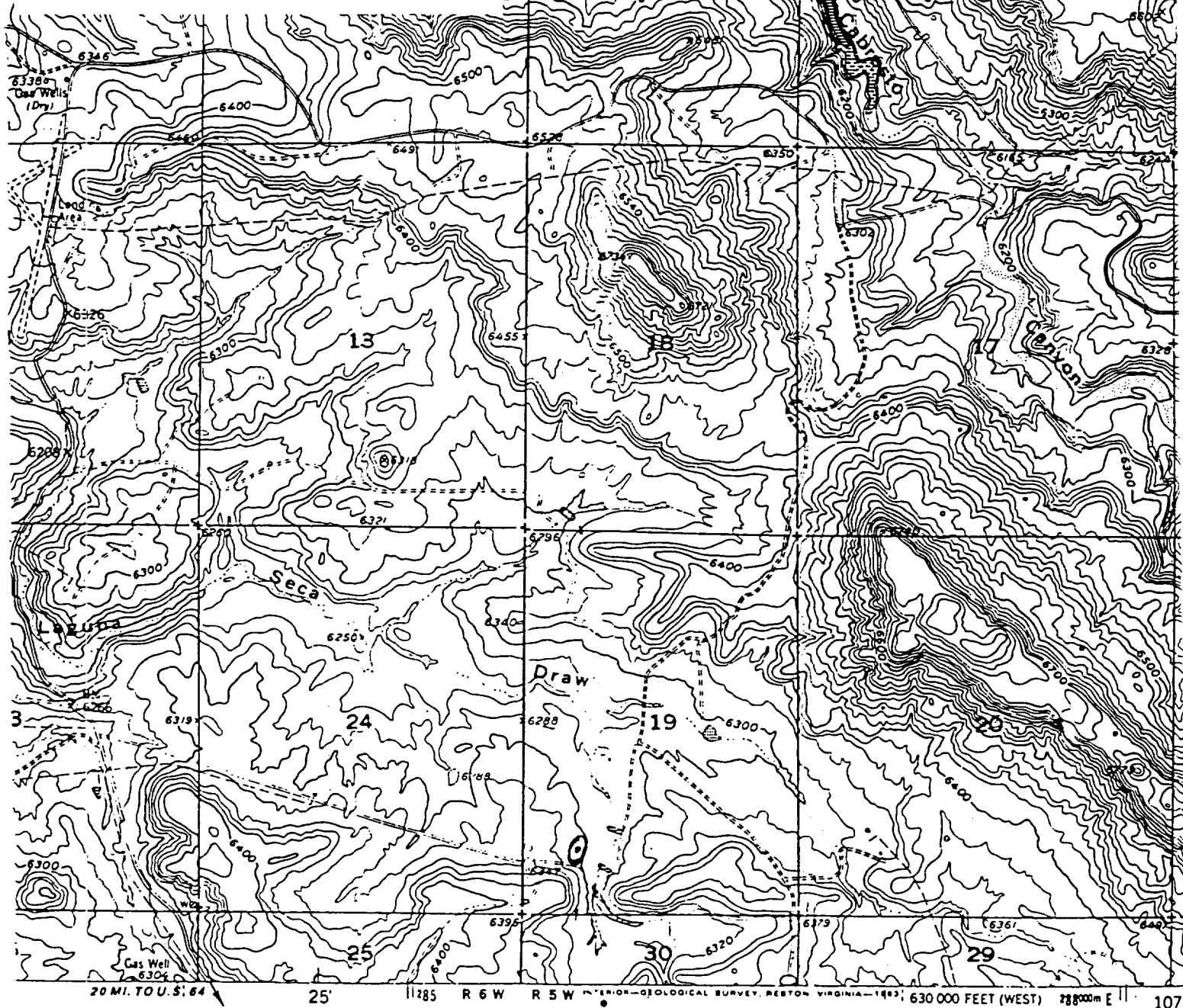
EXHIBIT 1

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
 Rosa Unit Well # 159A
 910' FSL - 790' FWL, Sec. 19, T31N, R5W
 Plat Map # 1



QUADRANGLE LOCATION

STANDARDS
 25, OR RESTON, VIRGINIA 22092
 AVAILABLE ON REQUEST

Revisions shown in purple and woodland compiled from
 aerial photographs taken 1981 and other source data
 Partial field check by U.S. Forest Service. Map edited 1982

ROAD CLASSIFICATION
 Light-duty ————— Unimproved dirt

BANCOS MESA NW, N. MEX
 (FORMERLY ROSA)
 N3652.5—W10722.5/7.5

1954
 PHOTOREVISED 1982
 DMA 4557 IV NW—SERIES V881