

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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 Production Company

3. Address and Telephone No

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

4. Location of Well (Footages)

At Surface

2445' FSL 1415' FWL, NESW, Sec. 11, T31N, R6W (Surface location)

1769' FSL 1300' FNL 800' FEL, SENE, Sec. 10, T31N, R6W (Bottom-hole location)

proposed prod. zone 760

5. Lease Designation and Serial No
SF-078765

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Rosa Unit8. Well Name and No.
RU-#181

9. API Well No.

30-039-26463

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

K Section 11, T31N, R6W

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

Approximately 18.3 miles northeast of Navajo Dam Post Office (straight line)

12. County or Parish
Rio Arriba13. State
NM15. Distance from Proposed Location to Nearest
Property or Lease Line, Ft 800'

16. No. of Acres in Lease

2460.23 acres

17. No. of Acres Assigned to This Well

320 acres, E/2

18. Distance from Proposed Location to Nearest Well Drilling, Completed, or Applied for, on this Lease, FT 650'

19. Proposed Depth

6891 MD

6008' KB -TVD

20. Rotary or Cable Tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc)
6261' GR

22. Approximate Date Work will Start

June 23, 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#	500'	255 sx-352 cu ft Type III
8-3/4"	7"	20#	4300'	460 sx-964 cu ft Lite Poz III 240sx (328 cuft) Type III
6-1/4"	4-1/2"	10.5#	4200'-6891'	80sx (114 cu ft) 245 sx (355 cu ft) Poz/Class H, 50/50

Williams Exploration & Production proposes to drill a directional well to develop the Blanco MV 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 Bureau of Land Management, Farmington Field Office. Moore Anthropological Research has surveyed the proposed location for Cultural Resources, and the report has been submitted to the BLM for review.

This proposed well would require improving 500' of existing two track road (see Pipeline & Well Plats #3 and #4). The proposed 650-foot long pipeline would tie into Williams Gas Gathering System on the Rosa Unit #9 (see the attached Pipeline 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"

24. Above and below proposed program, give present productive zone and proposed new productive zone
Signed Steve Nelson Title Agent

COPIES: BLM+4, WELL FILE+1
Date May 23, 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, many.

Approval Date

6/30/00

APPROVED BY

TITLE

DATE

6/30/00

NMOCD

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-
Revised February 21, 19
Instructions on b
Submit to Appropriate District Off
State Lease - 4 Cop
Fee Lease - 3 Cop

20 MAY 01 PM 2:07 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26463	*Pool Code 72319	*Pool Name Blanco - Mesa Verde
*Property Code 17033	*Property Name ROSA UNIT	*Well Number 181
*GRID No. 120782	*Operator Name WILLIAMS PRODUCTION COMPANY	*Elevation 6261'

10 Surface Location

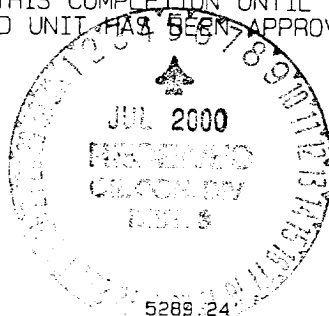
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	11	31N	6W		2445	SOUTH	1415	WEST	RIO ARriba

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
A	10	31N	6W		1300 1763	NORTH	800 760	EAST	RIO ARriba

*Dedicated Acres 320- E/2	*Joint or Infill I	*Consolidation Code U	*Order No.
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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

Signature

Steve Nelson
Printed Name

Printed Name

Agent, Nelson Consulting, I
Title

Title

May 23, 2000
Date

Date

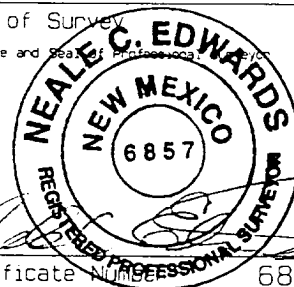
18 SURVEYOR CERTIFICATION

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.

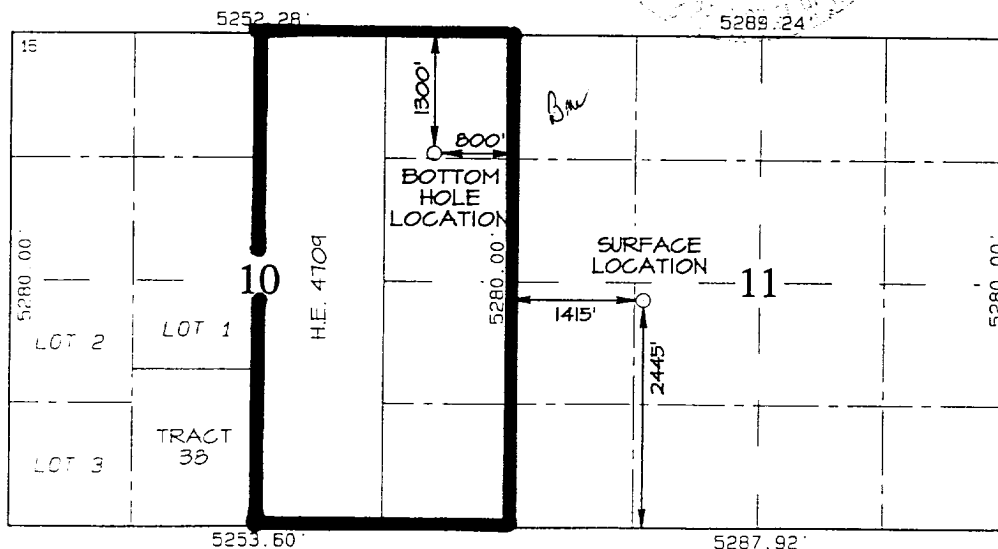
APRIL 20, 2000

Date of Survey

Signature and Seal of Professional Surveyor



Certificate Number **6857**



WILLIAMS PRODUCTION COMPANY ROSA UNIT #181

2445' FSL & 1415' FWL, SECTION II, T31N, R6W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

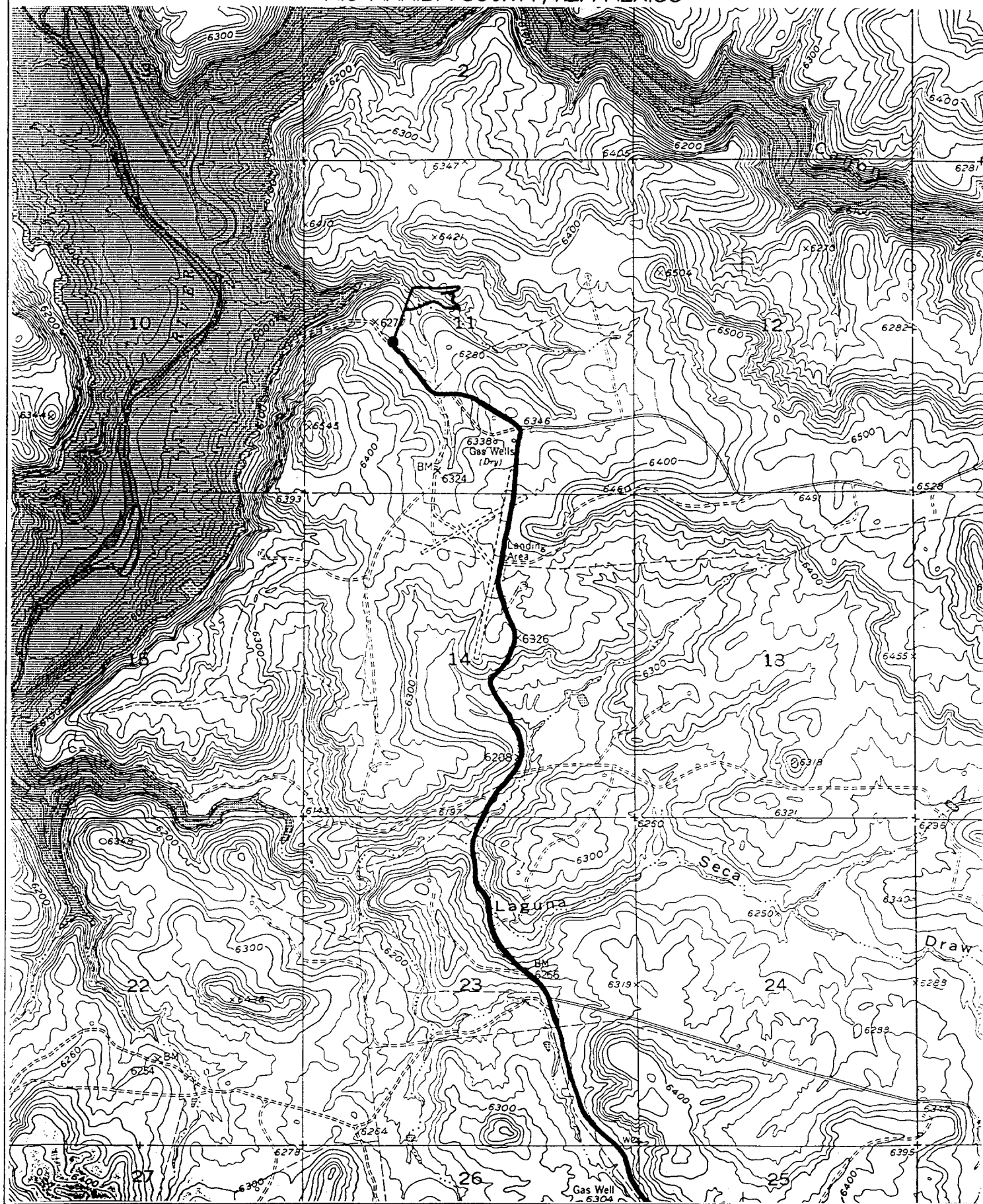
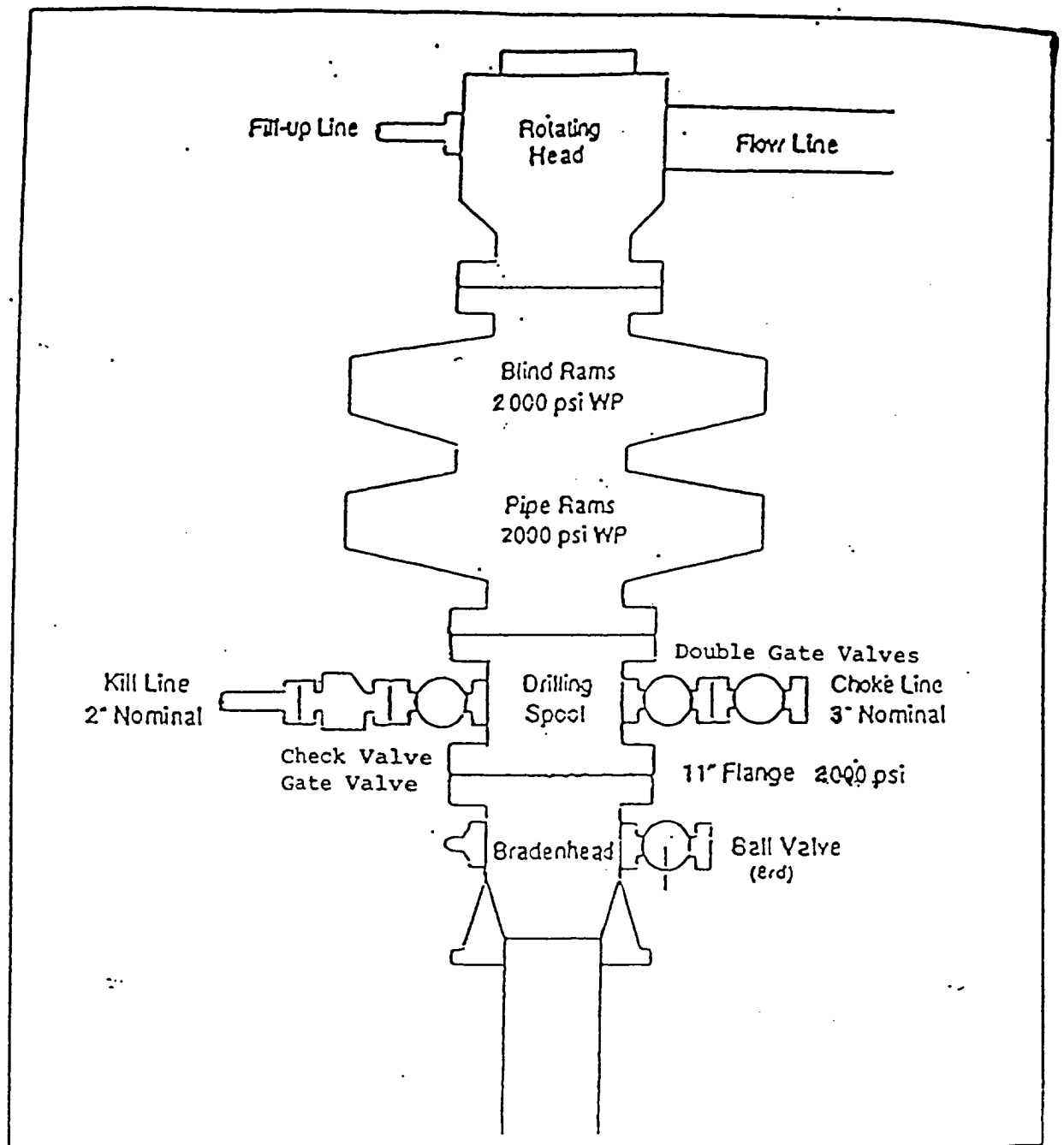


EXHIBIT 1

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 kill cock with handle, floor safety valve with change overs for each tool joint in the string, and choke manifold all rated to 2000 psi.

<u>DATE:</u>	4/28/00		
<u>WELLNAME:</u>	ROSA UNIT #181	<u>FIELD</u>	Blanco MV
<u>SURFACE LOCATION:</u>	NE/4 SW/4 Sec. 11, T31N, R06W Rio Arriba, NM	<u>SURFACE:</u>	BLM
<u>BOTTOM HOLE LOCATION:</u>	NE4/NE4 Sec. 10, T31N, R06W Rio Arriba, NM		
<u>ELEVATION:</u>	6261' GR	<u>MINERALS:</u>	Federal
<u>TRUE VERTICAL DEPTH:</u>	6008'	<u>LEASE #</u>	SF-078765
<u>MEASURED DEPTH:</u>	6891'		

1. SURFACE CASING: 9-5/8" notched regular pattern guide shoe.
2. INTERMEDIATE CASING: 7" cement nose guide shoe with a self- fill insert float. Place float one(1) joint above the shoe. Place one rigid spiral centralizer, every 120' interval from float joint to surface pipe shoe. Total number of rigid spiral centralizers = 31