

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 <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. Lease Designation and Serial No. SF-078765
b. Type of Well Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> Single Well <input checked="" type="checkbox"/> Multiple Zone <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name 17033
2. Name of Operator Williams Exploration & Production Co. 150782		7. If Unit or CA, Agreement Designation Rosa Unit
3. Address and Telephone No. P.O. Box 3102, MS 37-2, Tulsa, OK. 74101		8. Well Name and No. RU-# 75A
4. Location of Well (Footages) At Surface 1720' FSL 680' FEL, NESE Sec. 9, T31N, R6W 1165' 958' At proposed prod. zone 1010' FSL 1010' FWL, SWSW Sec. 10, T31N, R6W		9. API Well No. 30-045-29854
14. Distance in Miles and Directions from Nearest Town or Post Office 17.5 miles Northeast Navajo Dam Post Office (straight line)		10. Field and Pool, or Exploratory Area Blanco - MV
15. Distance from Proposed Location to Nearest Property or Lease Line, Ft 680'		11. Sec., T., R., M., or BLK. and Survey or Area Section 9, T31N, R6W
16. No. of Acres in Lease 2460.23 acres		12. County or Parish San Juan
17. No. of Acres Assigned to This Well 311.40 acres W/2 of 10		13. State NM
18. Distance from Proposed Location to Nearest Well Drilling, Completed, or Applied for, on this Lease, FT 126'		
19. Proposed Depth 6551'		
20. Rotary or Cable Tools Rotary		
21. Elevations (Show whether DF, RT, GR, etc) 6334' 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#	500'	255 sx-352 cu ft Type III
8-3/4"	7"	20#	4010'	440 sx-942 cu ft Lite 205 sx-282 Cu ft-Type III
6-1/4"	4-1/2"	10.5#	3910' - 6551'	80 sx-114-cuft 240 sx-346cuft Lite Poz/Class H

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 surface is under the jurisdiction of the Bureau of Reclamation. 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 access road which accesses the Rosa Unit Well # 156A (see plat #4). The proposed 126-foot long pipeline would tie into the Williams Gathering System (see the attached Plat Map # 4).

This action is subject to technical and procedural review pursuant to 43 CFR 3105.3 and appeal pursuant to 43 CFR 3105.4.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

APPROVED BY: Steve Nelson Title Agent

COPIES: BLM+4, WELL FILE+1
Date December 22, 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: chsc

NMOC

TITLE

Team Lead, Petroleum Resources Management

Acting

MAR 6 2000

District I
141 Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
400 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 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

¹ APN Number 30-045-29884	² Pool Code 72319	³ Pool Name Blanco M.V.
⁴ Property Code 17033	⁵ Property Name ROSA UNIT	⁶ Well Number 75A
⁷ LOGRID No. 120782	⁸ Operator Name WILLIAMS PRODUCTION COMPANY	⁹ Elevation 6334'

¹⁰ Surface Location

UL or lot no. I	Section 9	Township 31N	Range 6W	Lot Idn	Feet from the 1720'	North/South line SOUTH	Feet from the 680'	East/West line EAST	County SAN JUAN
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. M	Section 10	Township 31N	Range 6W	Lot Idn	Feet from the 1010'	North/South line SOUTH	Feet from the 1010'	East/West line WEST	County SAN JUAN
¹² Dedicated Acres 311.41	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. 11655'	¹⁶ a58.2					

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

¹⁶ N89°53'E 2635.38'	N89°40'E 2626.14'	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Steve Nelson Printed Name Agent, Nelson Consulting Title December 22, 1999 Date
Section 9	Section 10	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. 08/27/99 Date of Survey Signature and Seal of Professional Surveyor HENRY P. BROADHURST, JR. REGISTERED SURVEYOR NEW MEXICO 11303 Certificate Number
Surface 680'	Bottom 1010'	
1720'	Tract 38	
S89°58'E 2638.68'	N89°39'E 2626.80'	

WILLIAMS PRODUCTION Co.

ROSA UNIT No.75A

1720' FSL, 680' FEL

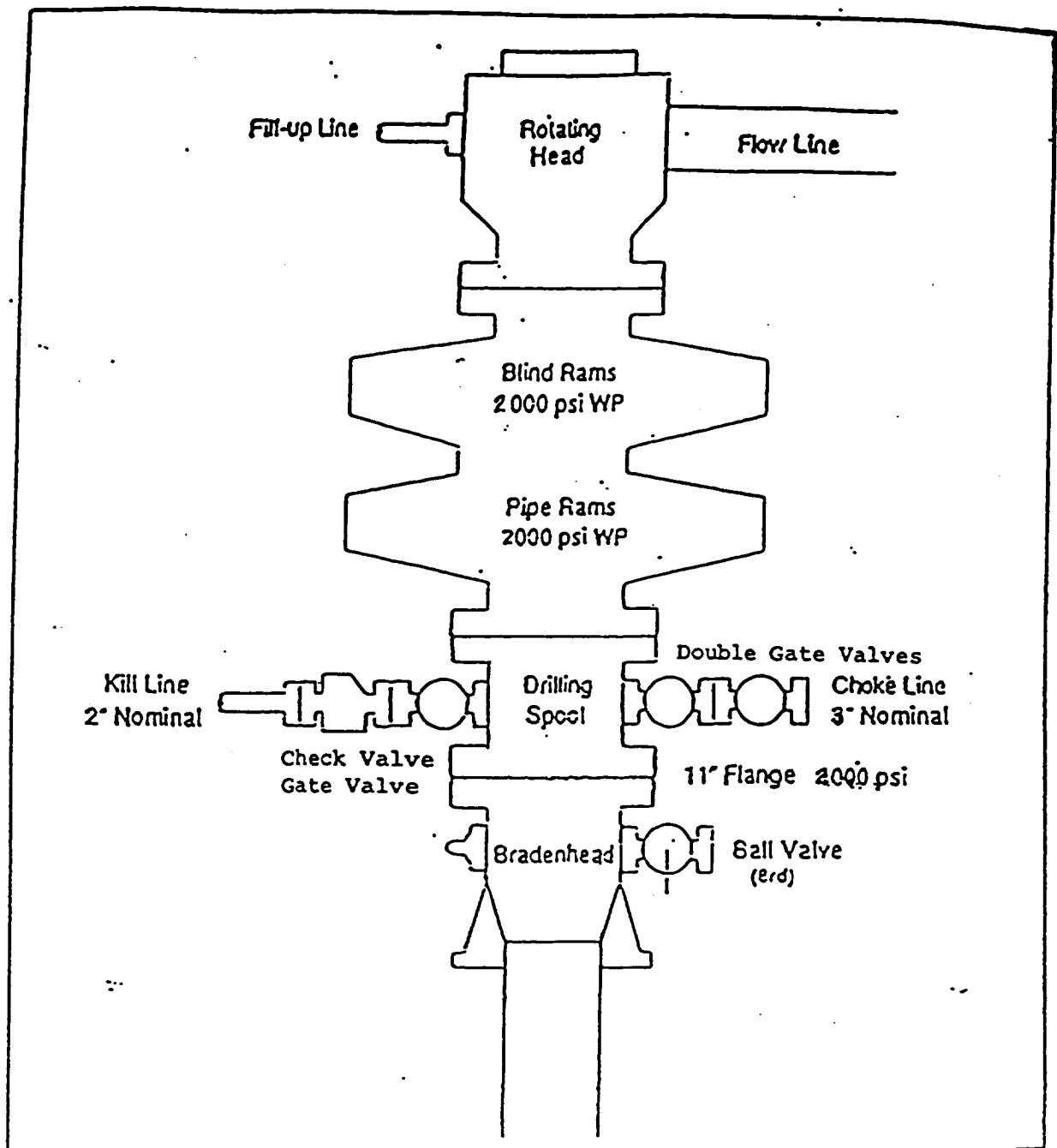
SE/4 SEC.9, T-31-N, R-06-W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

GROUND LEVEL ELEVATION: 6334

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.