

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN: 34

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		c. NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY		d. ADDRESS AND TELEPHONE NO. c/o Walsh Engr. & Prod. Corp. 7415 E. Main Farmington, NM 87402 (505) 327-4892		5. LEASE DESIGNATION AND SERIAL NO. SF - 078765	
2. NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY		3. ADDRESS AND TELEPHONE NO. c/o Walsh Engr. & Prod. Corp. 7415 E. Main Farmington, NM 87402 (505) 327-4892		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1740'PSL & 795'FEL At proposed prod. zone Same		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. UNIT AGREEMENT NAME	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 25 miles NE of Blanco, New Mexico		15. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1300'		16. NO. OF ACRES IN LEASE 2460.23		17. NO. OF ACRES ASSIGNED TO THIS WELL E/320		8. FARM OR LEASE NAME, WELL NO. Rosa Unit #156 (17033)	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1300'		19. PROPOSED DEPTH 6045'		20. ROTARY OR CABLE TOOLS Rotary		21. SEC., T., E., N., OR ELK. AND SURVEY OR AREA I Sec. 9, T31N, R6W		9. APPROVAL NO. 30-045-29640	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6268' GR		22. APPROX. DATE WORK WILL START* June 1998		23. PROPOSED CEMENTING AND CEMENTING PROGRAM This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.		24. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED GENERAL REQUIREMENTS		10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde 72319	
SIZE OF HOLE		GRADE SIZE OF CASING		WEIGHT PER FOOT		SETTING DEPTH		CEMENT	
12 1/4"		9 5/8"		36#		250		157 cuft Cl "B" w/3% CaCl2	
8 3/4"		7"		20#		3420 - 3620		586 cuft 65/35 Poz 158 cuft Cl "B"	
6 1/4"		4 1/2"		10.5#		3320 - 6045		447 cuft Cl "B" w/4% gel & additives	

WILLIAMS PRODUCTION COMPANY proposes to drill a vertical well to develop the Mesa Verde Formation at the above described site in accordance with the attached drilling and surface use programs.

This location has been archaeologically surveyed by Southwest Archaeological Services. Copies of the report will be submitted directly to your office.

This APD also is serving as an application to obtain BLM road and pipeline ROW. The well will be accessed by a new road 20'x1200' which crosses the SE/SE of Section 9 and the SW/SW of Section 10, T31N, R6W, where it joins an existing road. This road crosses the NE/SW of Section 10, the NE/SE, SE/NE, N/2 N/2 of Section 9, the SW/SW of Section 4, the NE/NE and S/2 N/2 of Section 8, and NE/NE of Section 7, all of T31N, R5W, where it joins the Cottonwood Canyon Road. The Cottonwood Canyon Road joins NM CR 4020. The pipeline route is shown on Plat #4.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Paul C. Thompson TITLE Paul C. Thompson, Agent DATE 3/24/98
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE JUL 06 1998

Application approval does not warrant or certify that the 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 W. P. Thompson TITLE Act. Dir. DATE 7-6-98

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001 makes it a crime for any person knowingly and willfully to make to any department or agency of the

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

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

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

RECEIVED
MAR 26 PM 12:34

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-29640	*Pool Code 72319	*Pool Name Blanco Mesa Verde
*Property Code 17033	*Property Name ROSA UNIT	*Well Number 156 54
*OSRID No. 120782	*Operator Name WILLIAMS PRODUCTION COMPANY	*Elevation 6268'

¹⁰ Surface Location

U. or lot no. I	Section 9	Township 31N	Range 6W	Lot 10n	Feet from the 1740	North/South line SOUTH	Feet from the 795	East/West line EAST	County SAN JUAN
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¹¹ Bottom Hole Location If Different From Surface

U. or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 320	¹³ Joint or Infill I	¹⁴ Consolidation Code U	¹⁵ 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

¹⁶	5270.76'	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Paul C. Thompson Signature Paul C. Thompson, Agent Printed Name President Walsh Engr. & Prod. Corp. Title 3/24/98 Date
5280.00'	9	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 3, 1998 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 FEE \$100 6857 Certificate Number
	5277.36'	795'
		1740'

WILLIAMS PRODUCTION COMPANY
Rosa Unit #156A
1740'FSL & 795'FEL, Sec. 9, T31N, R6W
San Juan County, NM

