

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐		5. LEASE DESIGNATION AND SERIAL NO. SF-078766	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY OGRID 120782		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. c/o Walsh Engr. & Prod. Corp. 7415 E. Main Farmington, N.M. 87402 (505) 327-4892		8. FARM OR LEASE NAME, WELL NO. Rosa Unit #160 17033	
4. LOCATION OF WELL (Report location clearly and in accordance with BLM instructions) 1250' FSL & 790' FEL At proposed prod. zone Same		9. APD WELL NO. 30-039-25890	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 25 miles NE of Blanco, NM		10. FIELD AND POOL OR WILDCAT 72319	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1800'		11. SEC., T., R., OR BLK. AND SURVEY OR AREA Sec. 25, T31N, R6W	
16. NO. OF ACRES ASSIGNED TO THIS WELL 2552.71		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 272.32		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1800'		19. PROPOSED DEPTH 6105	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START April 1998	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 6438' GR		23. This action is subject to technical and procedural review pursuant to 43 CFR 3185.3 and appeal pursuant to 43 CFR 3185.4.	
24. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"		25. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"	
SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	9-5/8", K-55	36.0	250
8-3/4"	7", K-55	20.0	3700
6-1/4"	4-1/2", K-55	10.5	3600-6105
QUANTITY OF CEMENT		157 cuft Cl "B" w/3% CaCl2	
QUANTITY OF CEMENT		879 cuft 65/35 Poz, 184 cuft C	
QUANTITY OF CEMENT		411 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 CRMC. 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 right-of way. This well will be accessed by an existing 2-track road which will be upgraded. The existing 2-track is approximately 2500' long and crosses the SW/SE, NW/SE and SE/NE of Section 25, T31N, R6W, where it joins the main Rosa Road. The Rosa Road continues SE for 18 miles where it joins the Sims Mesa Highway.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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 prevention program, if any.

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SIGNED Paul C. Thompson

TITLE Paul C. Thompson, Agent

DATE 1/23/98

(This space for Federal or State officer use)

PERMIT TO

/s/ Duane W. Spencer

APPROVAL DATE

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 thereunder.

CONDITIONS OF APPROVAL IF ANY

NMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Kilo Branson 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-10
Revised February 21, 1995

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25890		Pool Code 72319	Pool Name Blanco Mesa Verde
Property Code 000480 17033	Property Name Rosa Unit		Well Number 160
OGRID No. 120782	Operator Name Williams Production Co.		Elevation 6438'

10 Surface Location

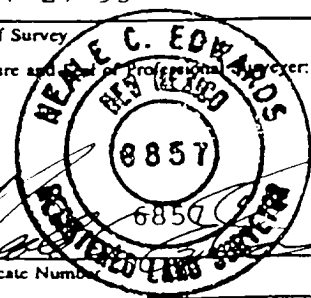
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
0	25	31 N	6 W		1250	South	790	East	R.A.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
272.32	N	U	

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	2640.00'	1320.00'	529.32'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Paul C. Thompson</i> Signature Paul C. Thompson, P.E. (Agent) Printed Name President Walsh Engr. & Prod. Corp. Title Date 1/23/98
RECEIVED MAR 26 1998 OIL CON. DIV. DIST. 3				
5280.00'	25	5280.00'		
				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. 11-27-95 Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number
	2640.00'	1320.00'	534.6'	

PLAT #1
 WILLIAMS PRODUCTION COMPANY
 ROSA UNIT #160
 1250' FSL, 790' FEL, SEC. 25 T31N, R6W
 Rio Arriba County, New Mexico

