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Form 3160-3

(December 1994)

SUBMIT IN TRIPPLICATE*

(Other instructions on reverse side)

Form approved.

Budget Bureau No. 1004-0136

Expires: December 31, 1991

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. SE-078767	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, CLUSTER 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 #149A (0084901) 17033	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1900'FNL & 2190'FWL At proposed prod. zone Same		9. API WELL NO. 30-039-25807	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 25 miles NE of Blanco, NM		10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde 72319	
10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any) 740		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 12, T31N, R6W	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 500'		12. COUNTY OR PARISH Rio Arriba	
16. NO. OF ACRES IN LEASE 2518.04		13. STATE NM	
19. PROPOSED DEPTH 5991		17. NO. OF ACRES ASSIGNED TO THIS WELL 271.17	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6284' GR		20. ROTARY OR CABLE TOOLS Rotary	
22. APPROX. DATE WORK WILL START May 1996		This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.	

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8", K-55	36.0	500	314 cuft C1 "B" w/3% CaCl2
8-3/4"	7", K-55	20.0	3576	805 cuft 65/35 Poz, 187 cuft C1
6-1/4"	4-1/2", K-55	10.5	3476-5991	413 cuft C1 "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.

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

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 road which crosses SE/NW and SW/NW of Section 12, SE/NE and E/2 SE/4 of Section 11 where it joins the main Rosa Road. The Rosa Road continues SE for 20 miles where it joins the Sims Mesa Highway.

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.

SIGNED Paul C. Thompson TITLE Paul C. Thompson, Agent DATE 2/23/96
(This space for Federal or State office use)

PERMIT TO /S/ Duane W. Spencer

APPROVAL DATE

MAR 03 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

4060 C-104 for WL @ NMCD

Certificate Number

