

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTRECEIVED  
MAR - 4 1999  
SUBMIT INSTRUCTIONS  
(Other instructions on reverse side)Form approved.  
Budget Bureau No. 1004-0136  
Expires December 31, 1991

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF- 078765	
1b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Williams Production Company		7. UNIT AGREEMENT NAME Rosa Unit 17033	
3. ADDRESS OF OPERATOR c/o Walsh Engineering 7415 E. Main St., Farmington, NM 87402 (505) 327-4892		8. FARM OR LEASE NAME 30-045-29798	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface 790' FSL and 1845' FWL At proposed Prod. Zone		9. WELL NO. 60	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 28 miles NE of Blanco, NM		10. FIELD AND POOL OR WILDCAT Blanco Mesa Verde	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 790'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA N Sec. 4, T31N, R6W	
16. NO. OF ACRES IN LEASE 2460.23		12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 345.77 ALL 343.23		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 1400'		20. ROTARY OR CABLE TOOLS Rotary	
19. PROPOSED DEPTH 6127'		22. APPROX. DATE WORK WILL START* April 1999	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6453' GR			
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH
12-1/4"	9-5/8"	36#	250'
8-3/4"	7"	20#	3690'
6-1/4"	4-1/2"	10.5#	3590' - 6127'
		QUANTITY OF CEMENT 157 cu.ft. Cl "H" with 2% CaCl <sub>2</sub> 835cu.ft. 65/35 poz & 240cu.ft. 50/50 poz 110cu.ft. 50/50 poz & 333cu.ft. 50/50 poz	

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

Williams Production Company proposes to drill a vertical well to develop the Mesa Verde formation at the above described location in accordance with the attached drilling and surface use plans.

This location has been archaeologically surveyed by Moore Anthropological Research. Copies of their report have been submitted directly to your office.

This APD also is serving as an application to obtain BLM road and pipeline right-of-ways. This well will be accessed by a new access road which will be 250' long and 20' wide and crosses the SE/SW of Sec. 4, where it joins an existing road that crosses the SW/SW of Sec. 4, NW/NW of Sec. 9, the S/2 N/2 of Sec. 8, NE/NE of Sec. 7, SE/SE of Sec. 6, SW/SW, SE/SW, NE/SW of Sec. 5, all of T31N R6W, SW/SW of Sec. 32, NE/SE and E/2 NE of Sec. 31, SE/SE, NE/SE, SE/NW, and NW/NW of Sec. 30 all of T32N R6W, and NE/NE Sec. 25, T32N, R7W where it joins San Juan County Road #4020.

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

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, 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, Ager DATE 1/22/99

(This space for Federal or State office use)

PERMIT NO.

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 thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

IS/Duane W. Spencer

TITLE

Team Lead, Petroleum Management

DATE

MAR - 2 1999

\*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 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer DD, 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 Dept

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  
JUN 25 PM 1:25

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-29798	*Pool Code 72319	*Pool Name Blanco Mesa Verde
*Property Code 008480 17033	*Property Name ROSA UNIT	*Well Number 60
*GRID No. 120782	*Operator Name WILLIAMS PRODUCTION COMPANY	*Elevation 6453'

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
N	4	31N	6W		790	South	1845	West	SAN JUAN

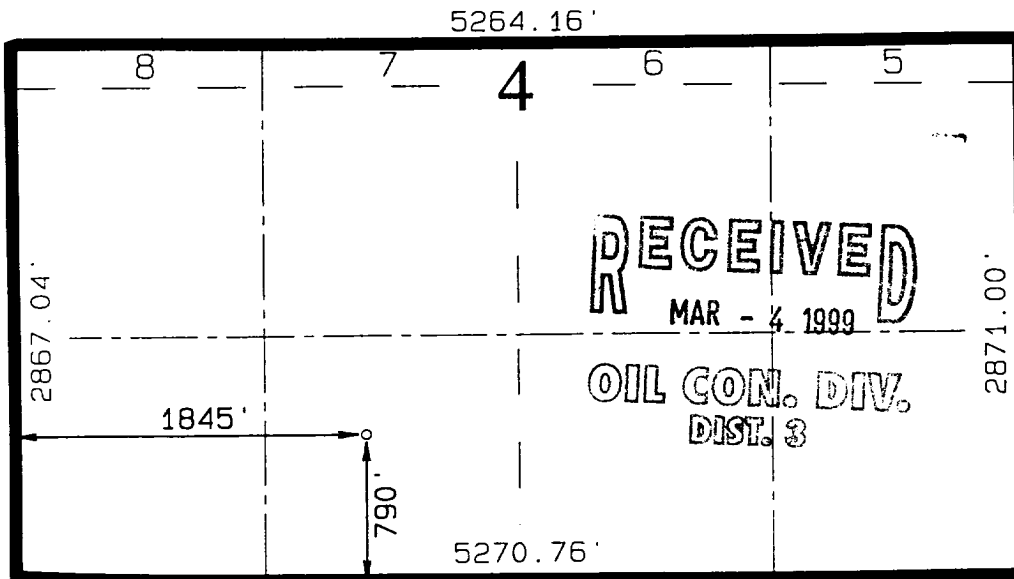
11 Bottom Hole Location If Different From Surface

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

12 Dedicated Acres 345.77 343.23	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

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17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature  
Paul C. Thompson  
Printed Name  
Paul C. Thompson  
Agent  
Title  
1/21/99  
Date

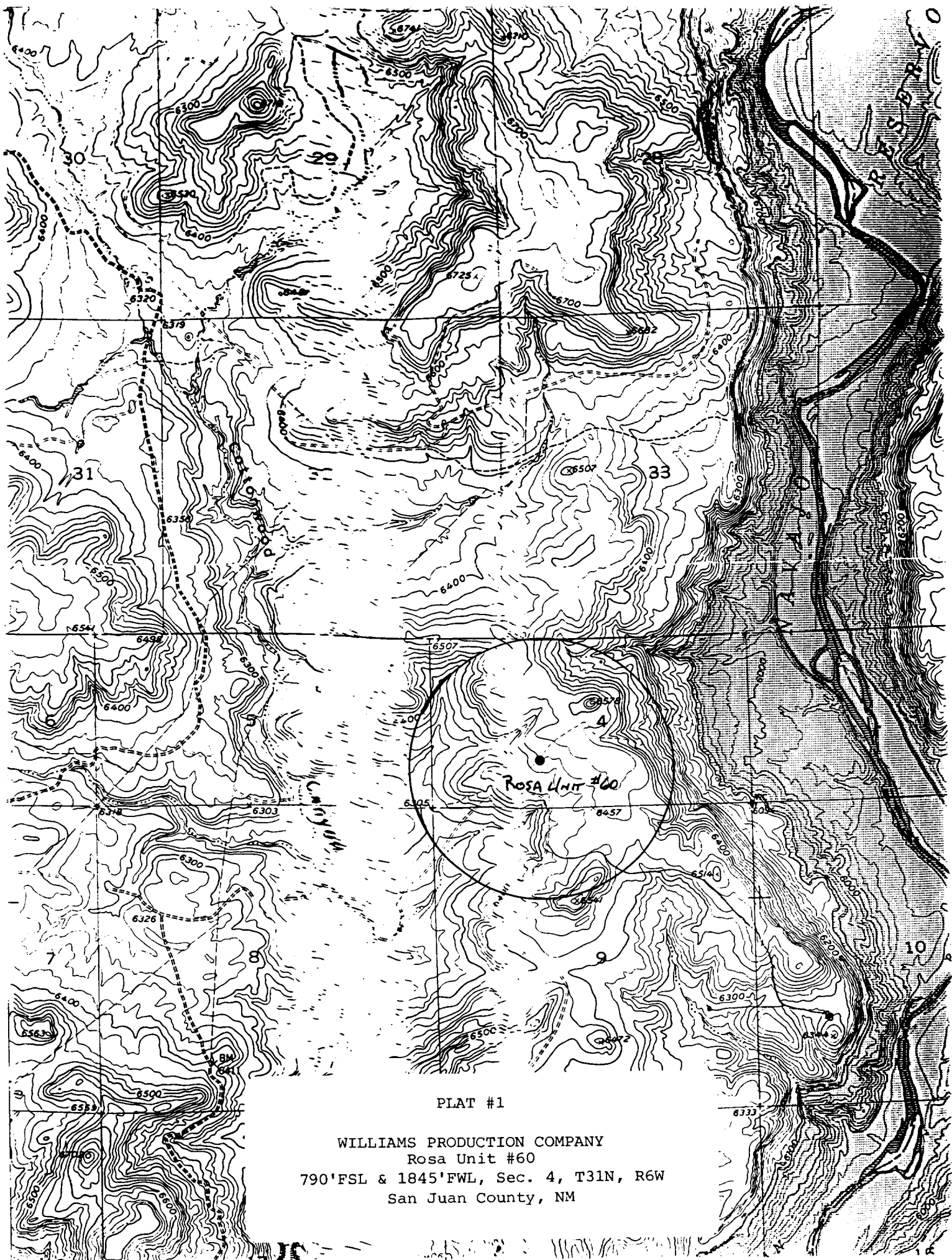
18 SURVEYOR CERTIFICATION

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 14, 1998  
Date of Survey

Signature and Seal of Professional Surveyor

NEALE C. EDWARDS  
NEW MEXICO  
6857  
6857  
Certificate Number



PLAT #1

WILLIAMS PRODUCTION COMPANY  
Rosa Unit #60  
790'FSL & 1845'FWL, Sec. 4, T31N, R6W  
San Juan County, NM