

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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- 078772	
1b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE <input checked="" type="checkbox"/> MULTIPLE <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input checked="" 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 30-039-26130	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At Surface 2375' FSL and 1750' FEL At proposed Prod. Zone		9. WELL NO. 169	
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) 532'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA J Sec. 3, T31N, R6W	
16. NO. OF ACRES IN LEASE 2561.86		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 352.87 ALL		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 100'		19. PROPOSED DEPTH 6080'	
20. ROTARY OR CABLE TOOLS Rotary		21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6351' GR	
22. APPROX. DATE WORK WILL START* April 1999			

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	500'	313 cu.ft. Cl "H" with 2% CaCl ₂
8-3/4"	7"	20#	3625'	834cu.ft.65/35 poz & 224cu.ft.50/50 poz
6-1/4"	4-1/2"	10.5#	3525' - 6080'	111cu.ft.50/50 poz & 335cu.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. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

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 an existing road which crosses the SE/4 of Sec. 34, the SW/NW of Sec. 35, E2/NE of Sec. 34, the SE/SE of Sec. 27 the, S/2S/2 of Sec. 26, the S2/S2 of Sec. 25 all of T32N, R6W, the SW/SW of Sec. 30, W2/W2 and SE/SW of Sec. 32 all of T32N, R5W, the NW/SE and NE/se of Sec. 5, T31N, R5W, where it joins the main Rosa Road.

The Rosa Road continues SE for 19 miles where it joins the Sims Mesa Highway.

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 <u>Paul C. Thompson</u> TITLE <u>Paul C. Thompson, Agent</u> DATE <u>2/24/99</u>	
(This space for Federal or State office use)	
PERMIT NO. _____	APPROVAL DATE <u>APR 26 1999</u>
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 <u>/S/ Duane W. Spencer</u>	TITLE <u>Team Lead, Petroleum Management</u> DATE <u>APR 26 1999</u>

*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.

HOLD CTM FOR NAP

NMOCD

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

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

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

99 FEB 25 AM 8:17 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26130	*Pool Code 72319	*Pool Name Blanco Mesa Verde
*Property Code 008480	*Property Name 17033 ROSA UNIT COM	*Well Number 169
*OGRID No. 120792	*Operator Name WILLIAMS PRODUCTION COMPANY	*Elevation 6351'

10 Surface Location

UL or lot no. J	Section 3	Township 31N	Range 6W	Lot Idn	Feet from the 2375	North/South line SOUTH	Feet from the 1750	East/West line EAST	County RIO ARriba
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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
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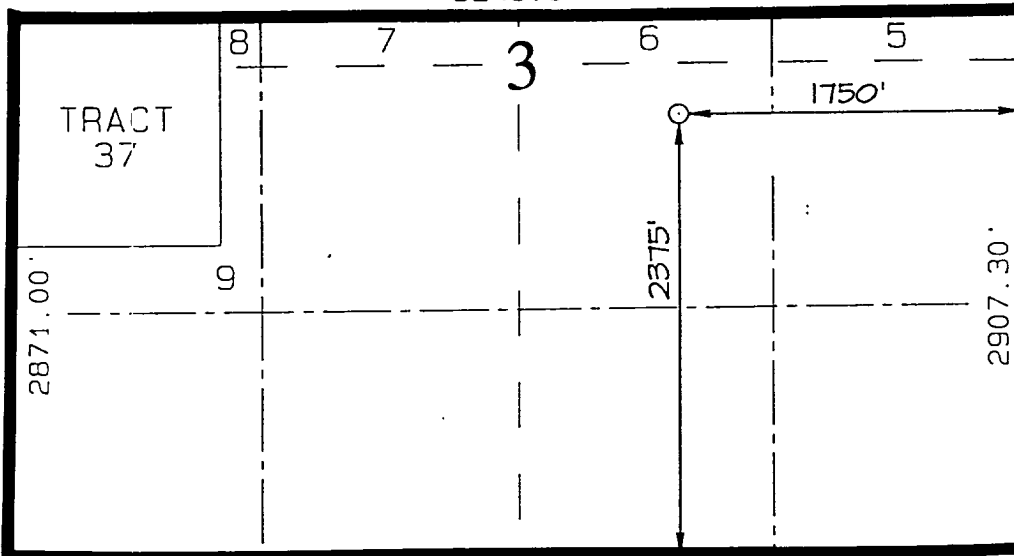
12 Dedicated Acres 352.87	13 Joint or Infill Y	14 Consolidation Code U	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNIT IF ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16

RECEIVED
APR 29 1999
OIL CON. DIV.
DIST. 3

5249.64'



5252.28'

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
Printed Name
Agent
Title
2/25/99
Date

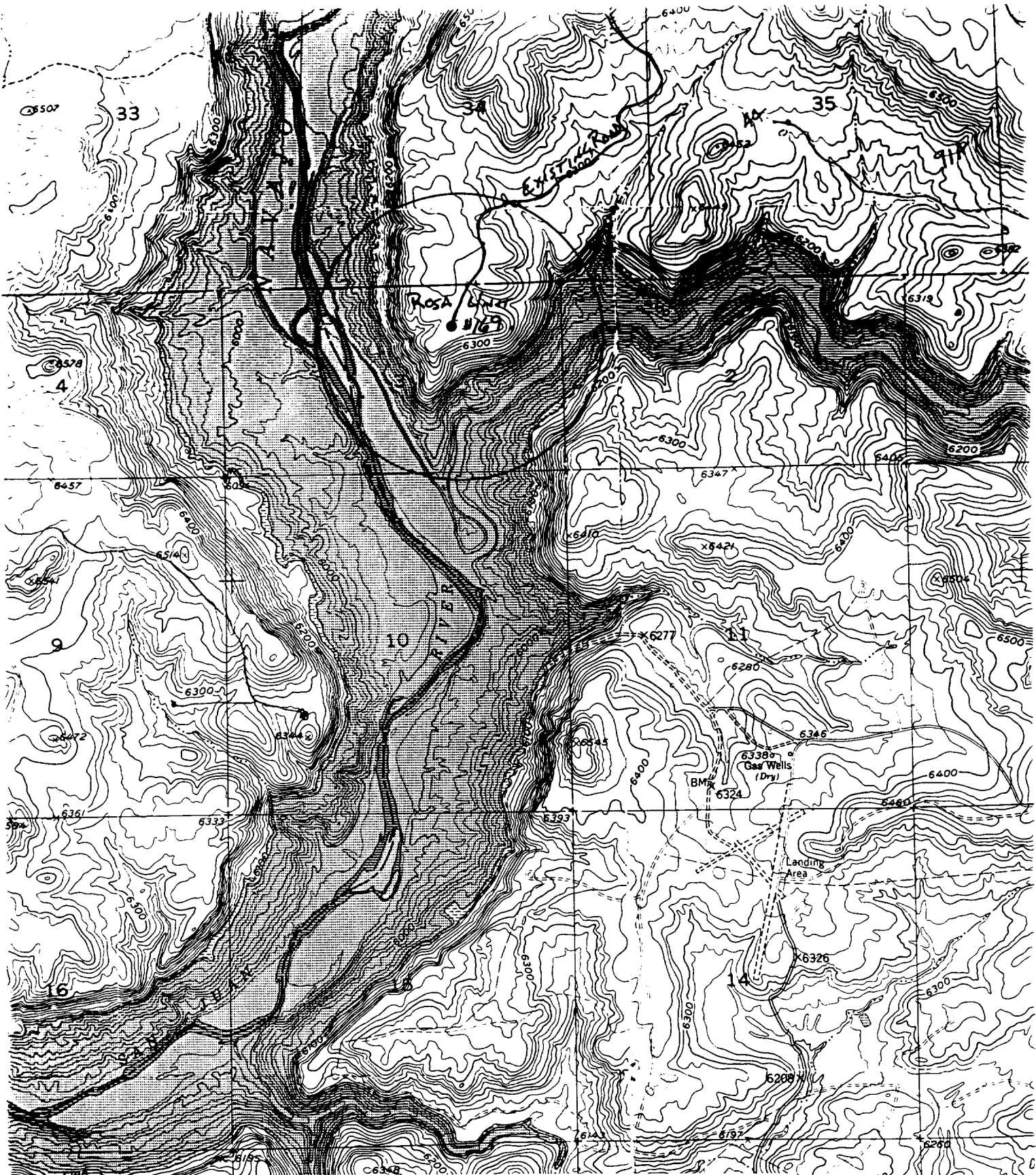
18 SURVEYOR CERTIFICATION

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.

FEBRUARY 3, 1999
Date of Survey

Signature and Seal of Surveyor

NEALE C. EDWARDS
NEW MEXICO
6857
REGISTERED PROFESSIONAL SURVEYOR
Certificate Number 6857



PLAT #1

WILLIAMS PRODUCTION COMPANY
Rosa Unit #169
2375'FSL & 1750'FEL, Sec. 3, T31N, R6W
Rio Arriba County, NM

Seca
una
BM 6266
6319
6300
6200