

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF - 078766	
B. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY		7. UNIT AGREEMENT NAME Rosa Unit	
3. ADDRESS AND TELEPHONE NO. c/o Walsh Engr. & Prod. Corp. 7415 E. Main Farmington, New Mexico 87402 (505) 327-4892		8. FARM OR LEASE NAME WELL NO. 139A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1060' FSL & 835' FWL At proposed prod. zone Same		9. AN WELL NO. 30-045-29600	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 23 miles NE of Blanco, New Mexico		10. FIELD AND POOL OR WILDCAT Blanco Mesa Verde	
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if adj.) 835'		11. SEC., T., R., M., OR RLY. AND SURVEY OR AREA Sec. 17, T31N, R6W	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 200'		12. COUNTY OR PARISH San Juan	
16. NO. OF ACRES IN LEASE 2552.71		13. STATE NM	
19. PROPOSED DEPTH 6135		17. NO. OF ACRES ASSIGNED TO THIS WELL 320	
21. ELEVATIONS (Show whether DP, RT, GR, etc.) 6357' GR		20. ROTARY OR CABLE TOOLS Rotary	
22. APPROX. DATE WORK WILL START* APRIL 1998		23. 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	36#	500	157 cu. ft. C1 "B"
8 3/4	7	20#	3535	599 cu. ft. 65/35 Poz + 100sx C.
6 1/4	4 1/2	10.5#	3435 - 6135	433 cu. ft. C1 "B"

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 Ser. 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. There will be no new access road built for this location and the pipeline will connect to the Williams Field Services line on an adjacent pad.

RECEIVED
MAY 13 1998

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.

RECEIVED
Paul C. Thompson

TITLE Agent

DATE 2/2/98

(This space for Federal or State office use)

PERMIT TO AS/Duane W. Spencer

APPROVAL DATE

MAY 11 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 enable the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY

NMOC

DATE

DATE

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

5070-4 PM 1:15

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-29600		2 Pool Code 72319		3 Pool Name Blanco Mesa Verde	
4 Property Code 002-100		5 Property Name ROSA UNIT			6 Well Number 139A
7 OGRID No. 120782		8 Operator Name WILLIAMS PRODUCTION COMPANY			9 Elevation 6357'

10 Surface Location

UL or lot no. M	Section 17	Township 31N	Range 6W	Lot Idn	Feet from the 1060	North/South line South	Feet from the 835	East/West line West	County SAN JUAN
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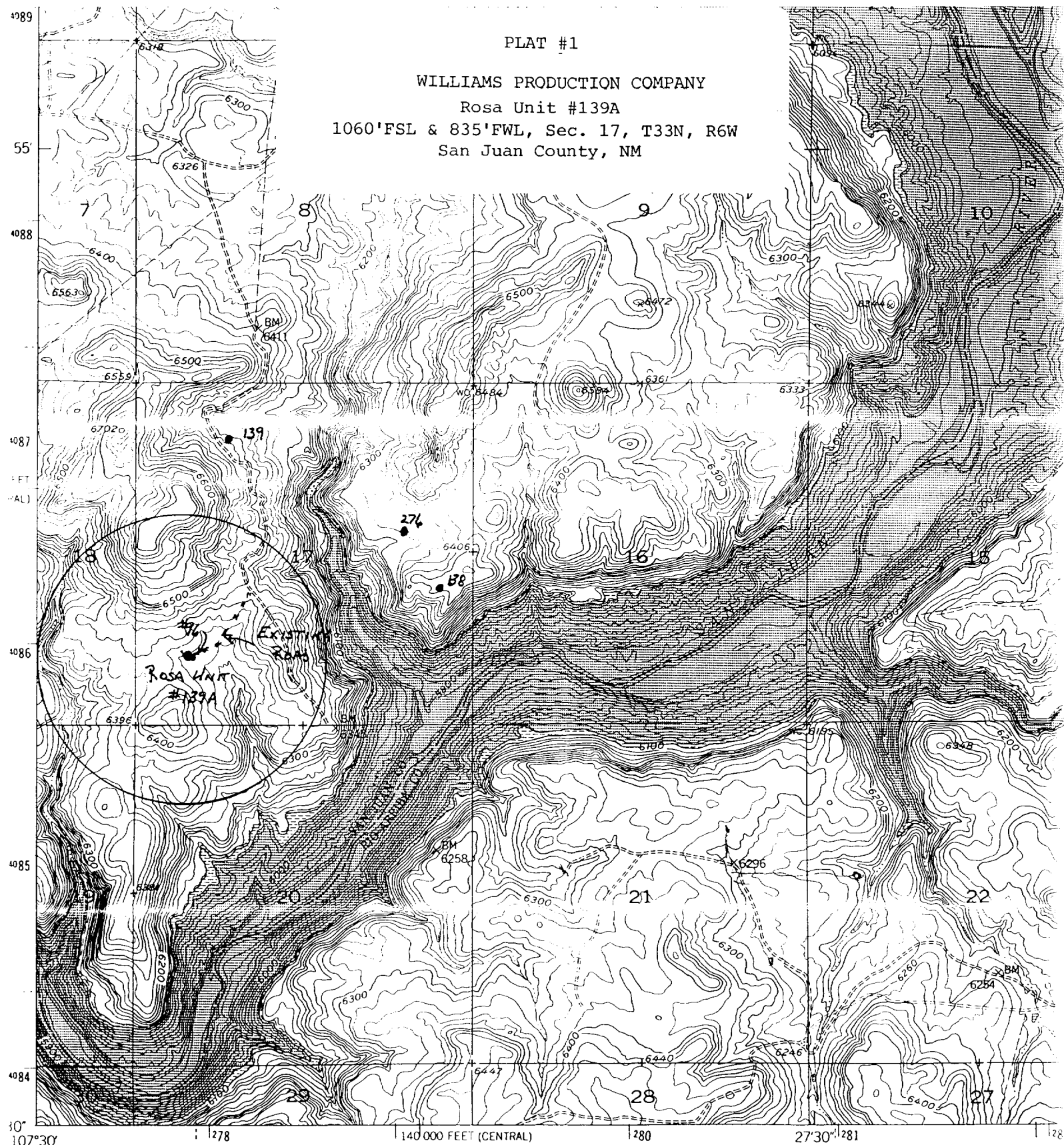
11 Bottom Hole Location If Different From Surface

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

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

15		5276.04'		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 2/2/98 Date	
5280.00'		17		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. NOVEMBER 14, 1997 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 REGISTERED PROFESSIONAL SURVEYOR 6857 Certificate	
835'		1060'		5281.32'	

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MAY 3 1998
OIL CON. DIV.
DIST. 3



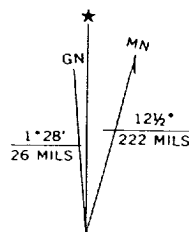
PLAT #1

WILLIAMS PRODUCTION COMPANY
Rosa Unit #139A
1060'FSL & 835'FWL, Sec. 17, T33N, R6W
San Juan County, NM

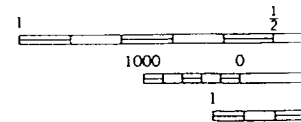
Mapped, edited, and published by the Geological Survey
Control by USGS and NOS/NOAA
Topography by photogrammetric methods from aerial photographs
taken 1950. Field check 1954

Polyconic projection. 1927 North American datum
10,000-foot grid based on New Mexico coordinate system,
central and west zones
1000-meter Universal Transverse Mercator grid ticks,
zone 13, shown in blue

To place on the predicted North American Datum 1983
move the projection lines 2 meters north and



UTM GRID AND 1982 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET



THIS MAP